

TABLE DR1												
U-Pb geochronologic analyses SYN12-01												
Isotope ratios												
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)
SYN12-1-74	53	9381	1.1	25.5084	24.2	0.1365	24.6	0.0252	4.6	0.19	160.7	7.3
SYN12-1-63	179	28726	0.8	19.7844	6.4	0.1761	6.8	0.0253	2.4	0.35	160.9	3.8
SYN12-1-102	553	57930	1.8	20.4458	1.6	0.1775	1.9	0.0263	1.0	0.55	167.4	1.7
SYN12-1-18	93	22347	1.4	21.6962	15.1	0.1703	15.3	0.0268	2.1	0.14	170.5	3.5
SYN12-1-32	72	18286	1.5	21.2595	13.6	0.2537	13.7	0.0391	2.2	0.16	247.3	5.3
SYN12-1-104	348	111408	1.9	19.4637	2.3	0.2850	2.6	0.0402	1.1	0.43	254.3	2.8
SYN12-1-39	347	9131	1.7	18.4818	5.6	0.3016	5.8	0.0404	1.5	0.25	255.5	3.7
SYN12-1-08	368	108305	1.2	19.7801	1.5	0.2831	2.1	0.0406	1.6	0.73	256.7	4.0
SYN12-1-43	276	91811	1.2	19.2065	2.8	0.2935	3.2	0.0409	1.6	0.51	258.3	4.1
SYN12-1-01	181	30209	2.4	19.2467	3.0	0.3282	3.5	0.0458	1.7	0.50	288.8	4.9
SYN12-1-05	430	134144	1.0	19.3786	0.9	0.3376	1.8	0.0474	1.6	0.87	298.8	4.6
SYN12-1-62	397	105458	1.0	19.1670	1.4	0.3514	2.1	0.0488	1.6	0.77	307.4	4.9
SYN12-1-16	60	18523	1.4	18.7647	7.6	0.3679	8.0	0.0501	2.6	0.32	314.9	7.9
SYN12-1-17	82	42673	1.4	18.0661	7.8	0.3910	8.1	0.0512	2.0	0.25	322.1	6.2
SYN12-1-21	318	112072	0.8	18.3419	2.2	0.4434	2.7	0.0590	1.5	0.56	369.5	5.4
SYN12-1-30	113	65141	0.7	18.3380	3.1	0.4566	3.4	0.0607	1.3	0.39	380.0	5.0
SYN12-1-90	33	11380	1.6	18.1524	8.7	0.4616	9.1	0.0608	2.8	0.30	380.3	10.2
SYN12-1-92	102	22187	3.1	18.5685	5.7	0.4585	5.8	0.0617	1.2	0.21	386.2	4.6
SYN12-1-101	169	45279	1.1	18.5424	2.6	0.4605	3.0	0.0619	1.4	0.46	387.4	5.1
SYN12-1-65	345	148926	1.1	18.1093	1.4	0.5023	2.0	0.0660	1.5	0.72	411.8	5.8
SYN12-1-59	226	67168	1.4	18.1498	1.5	0.5166	2.0	0.0680	1.2	0.63	424.1	5.1
SYN12-1-49	94	30874	1.0	18.3727	3.2	0.5162	3.7	0.0688	1.8	0.49	428.8	7.4
SYN12-1-61	302	94077	1.9	17.9031	0.8	0.5653	1.6	0.0734	1.4	0.85	456.6	6.0
SYN12-1-20	72	29267	1.3	17.3162	4.6	0.5935	4.8	0.0745	1.3	0.28	463.4	6.0
SYN12-1-76	113	51973	1.1	17.9222	3.0	0.5801	3.5	0.0754	1.6	0.48	468.6	7.4
SYN12-1-29	97	53112	2.9	17.3053	3.4	0.6313	3.6	0.0792	1.1	0.31	491.5	5.3
SYN12-1-79	23	7976	3.4	18.3640	6.0	0.6289	7.5	0.0838	4.4	0.59	518.6	21.9
SYN12-1-23	85	50898	0.4	17.4122	3.9	0.6696	4.0	0.0846	1.1	0.26	523.3	5.3
SYN12-1-86	297	232751	2.3	17.1352	1.0	0.7195	1.4	0.0894	1.0	0.67	552.1	5.1
SYN12-1-40	230	70764	3.6	16.9888	0.8	0.7304	1.5	0.0900	1.3	0.84	555.5	6.8
SYN12-1-91	67	59617	1.2	17.3300	5.4	0.7167	5.6	0.0901	1.5	0.26	556.0	7.8
SYN12-1-50	526	216629	4.4	17.0127	0.4	0.7405	1.5	0.0914	1.4	0.96	563.6	7.6
SYN12-1-87	125	52022	1.6	17.1778	3.0	0.7639	3.8	0.0952	2.3	0.61	586.0	12.9
SYN12-1-103	64	37250	0.5	16.3316	3.6	0.8398	4.1	0.0995	1.9	0.46	611.3	10.9
SYN12-1-46	49	42067	1.1	16.4501	5.4	0.8759	5.8	0.1045	2.1	0.37	640.8	12.8
SYN12-1-81	61	84370	2.6	16.2602	5.7	0.8995	6.1	0.1061	2.2	0.37	650.0	13.9
SYN12-1-22	58	40399	2.8	13.7898	2.5	1.7282	2.8	0.1728	1.3	0.48	1027.8	12.6
SYN12-1-24	250	323144	0.9	13.6946	0.6	1.6841	1.3	0.1673	1.1	0.88	997.1	10.1
SYN12-1-96	279	260597	12.9	13.6719	0.4	1.7369	1.6	0.1722	1.5	0.97	1024.4	14.4
SYN12-1-82	101	66165	2.2	13.6591	1.6	1.7318	2.5	0.1716	2.0	0.78	1020.7	18.6
SYN12-1-54	113	79324	3.0	13.6318	0.7	1.7722	1.4	0.1752	1.3	0.89	1040.8	12.3
SYN12-1-41	51	149247	1.9	13.6227	2.1	1.7643	2.7	0.1743	1.6	0.62	1035.9	15.7

TABLE DR1												
SYN12-1-77	95	92222	3.2	13.5900	1.4	1.7924	2.1	0.1767	1.6	0.76	1048.7	15.7
SYN12-1-06	57	79192	1.9	13.5015	1.9	1.7986	3.9	0.1761	3.4	0.87	1045.8	32.8
SYN12-1-31	62	39005	1.7	13.4901	1.9	1.8533	2.5	0.1813	1.5	0.62	1074.2	15.2
SYN12-1-11	55	29346	1.6	13.4425	1.7	1.8304	3.6	0.1785	3.1	0.88	1058.5	30.6
SYN12-1-27	151	167312	1.7	13.3146	1.1	1.8690	1.6	0.1805	1.1	0.71	1069.6	11.0
SYN12-1-100	244	167800	3.1	13.2843	0.6	1.9102	1.7	0.1840	1.6	0.93	1089.0	16.1
SYN12-1-35	156	59432	1.5	13.0533	1.3	1.8204	2.2	0.1723	1.8	0.83	1025.0	17.5
SYN12-1-93	44	26617	1.0	13.0494	1.6	1.9984	2.4	0.1891	1.7	0.74	1116.7	17.9
SYN12-1-25	31	22176	2.1	12.9719	4.1	2.0083	4.3	0.1889	1.3	0.30	1115.7	13.0
SYN12-1-75	89	46831	1.5	12.9596	1.1	2.0373	2.3	0.1915	2.0	0.88	1129.4	21.0
SYN12-1-14	225	189581	2.5	12.9005	0.5	2.0930	1.3	0.1958	1.2	0.92	1152.9	12.9
SYN12-1-99	50	70113	1.7	12.7741	1.6	2.0919	2.3	0.1938	1.6	0.72	1142.0	16.9
SYN12-1-13	154	197891	3.1	12.7585	0.5	2.0962	1.6	0.1940	1.5	0.96	1142.8	15.7
SYN12-1-55	51	38432	2.8	12.7561	2.3	2.1716	2.8	0.2009	1.6	0.57	1180.2	17.4
SYN12-1-69	148	123549	3.5	12.6489	0.7	2.1822	1.7	0.2002	1.5	0.90	1176.4	16.4
SYN12-1-58	149	181826	2.0	12.4086	0.7	2.1409	2.2	0.1927	2.1	0.95	1135.8	22.2
SYN12-1-73	45	78050	2.1	12.2642	1.9	2.3453	2.8	0.2086	2.1	0.75	1221.4	23.3
SYN12-1-36	266	365647	1.5	12.2432	0.3	2.4305	1.7	0.2158	1.7	0.99	1259.7	19.0
SYN12-1-71	84	165075	1.8	12.1009	1.3	2.0060	3.7	0.1761	3.5	0.94	1045.4	33.5
SYN12-1-83	30	47604	0.5	11.8757	2.5	2.6720	2.8	0.2301	1.4	0.50	1335.2	17.1
SYN12-1-26	15	11756	1.5	11.5864	7.6	2.5902	9.2	0.2177	5.2	0.57	1269.5	60.4
SYN12-1-67	62	83339	1.4	11.5330	1.5	2.7746	2.2	0.2321	1.6	0.74	1345.4	19.6
SYN12-1-78	36	51298	1.8	11.4281	1.9	2.8161	2.7	0.2334	1.8	0.69	1352.3	22.2
SYN12-1-85	65	136336	0.8	11.3220	1.4	2.7419	2.1	0.2252	1.5	0.72	1309.0	17.9
SYN12-1-03	115	207299	1.3	11.0676	1.3	3.2655	2.7	0.2621	2.4	0.88	1500.7	31.7
SYN12-1-56	150	91182	1.6	11.0313	0.6	3.1539	1.4	0.2523	1.3	0.92	1450.5	16.5
SYN12-1-95	57	135925	1.2	11.0187	1.3	3.1897	1.6	0.2549	1.0	0.60	1463.7	12.5
SYN12-1-97	72	179442	1.5	10.8690	0.8	3.2704	1.7	0.2578	1.5	0.89	1478.6	20.1
SYN12-1-94	318	404615	2.3	10.7264	0.1	3.3740	1.4	0.2625	1.4	1.00	1502.5	18.5
SYN12-1-45	68	76340	2.4	10.1838	0.6	3.8203	1.7	0.2822	1.6	0.94	1602.3	22.5
SYN12-1-53	53	104861	1.0	9.9875	1.0	4.0086	2.6	0.2904	2.4	0.92	1643.4	35.2
SYN12-1-37	167	472256	1.5	9.9726	0.3	4.0870	1.5	0.2956	1.5	0.97	1669.5	21.5
SYN12-1-105	274	126589	10.9	9.9623	0.2	3.2966	2.4	0.2382	2.4	0.99	1377.3	29.9
SYN12-1-48	56	97724	1.1	9.8607	0.8	4.1473	1.5	0.2966	1.3	0.87	1674.4	19.8
SYN12-1-64	118	212944	0.7	9.8200	0.9	4.1579	2.0	0.2961	1.8	0.90	1672.1	26.6
SYN12-1-10	286	679563	1.3	9.8156	0.2	4.1948	1.1	0.2986	1.1	0.99	1684.5	16.8
SYN12-1-19	33	55782	0.6	9.7762	1.7	4.1102	2.4	0.2914	1.7	0.70	1648.7	24.0
SYN12-1-60	48	111358	2.8	9.3780	0.9	4.5624	1.6	0.3103	1.3	0.81	1742.3	19.6
SYN12-1-88	107	139351	1.8	9.3627	0.7	4.6306	1.2	0.3144	0.9	0.80	1762.5	14.5
SYN12-1-07	193	484997	3.0	9.3009	0.2	4.7045	1.0	0.3173	1.0	0.98	1776.8	14.8
SYN12-1-12	41	113488	1.3	9.2890	1.0	4.7241	1.7	0.3183	1.4	0.82	1781.2	21.3
SYN12-1-04	20	34509	2.5	9.1341	1.8	4.8996	2.7	0.3246	2.1	0.76	1812.1	32.7
SYN12-1-98	116	181996	2.3	9.0746	0.4	5.0297	1.3	0.3310	1.2	0.94	1843.4	19.1
SYN12-1-47	201	319453	2.6	8.6088	0.2	5.4441	1.7	0.3399	1.6	0.99	1886.3	26.9
SYN12-1-02	67	183018	2.1	8.4675	0.7	5.8388	1.5	0.3586	1.3	0.88	1975.4	21.7
SYN12-1-09	99	14447	2.3	8.3203	0.5	5.1949	1.6	0.3135	1.5	0.95	1757.8	23.5

TABLE DR1												
SYN12-1-33	161	403970	1.8	8.2887	0.2	5.9776	1.6	0.3593	1.6	0.99	1979.1	26.5
SYN12-1-38	52	105622	1.1	8.1750	0.6	6.0498	1.2	0.3587	1.1	0.86	1976.0	18.1
SYN12-1-68	35	80790	1.5	6.5104	2.7	9.6464	4.3	0.4555	3.3	0.77	2419.6	66.5
SYN12-1-28	47	154280	1.0	5.7593	0.3	11.8216	1.6	0.4938	1.6	0.99	2587.1	34.3
SYN12-1-15	81	323548	1.6	5.4205	0.2	13.5798	1.5	0.5339	1.5	0.99	2757.7	33.1
SYN12-1-52	67	157820	1.5	4.9867	0.3	15.1138	1.9	0.5466	1.8	0.99	2811.1	42.1
SYN12-1-34	68	150712	2.2	4.9638	0.3	15.9163	1.3	0.5730	1.3	0.97	2920.1	29.6
SYN12-1-84	38	78014	12.2	4.1673	1.2	20.1049	7.2	0.6077	7.1	0.99	3060.6	173.0

Table DR1B U-Pb geochronologic analyses SYN12-02						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)
SYN12-2-101	118	14199	2.0	18.9315	11.0	0.1117	16.6	0.0153	12.5	0.75	98.2	12.1
SYN12-2-29	392	46109	1.9	20.3297	3.8	0.1108	4.8	0.0163	2.9	0.60	104.4	3.0
SYN12-2-23	93	7255	1.4	18.3317	13.7	0.1241	14.2	0.0165	3.8	0.27	105.5	4.0
SYN12-2-20	147	11281	1.6	19.4313	16.2	0.1177	16.5	0.0166	3.3	0.20	106.1	3.5
SYN12-2-31	205	20642	1.5	21.2447	11.5	0.1097	11.6	0.0169	1.6	0.14	108.0	1.8
SYN12-2-42	233	27459	1.7	21.5966	9.3	0.1085	9.5	0.0170	1.8	0.19	108.6	1.9
SYN12-85	405	892	1.3	18.6676	10.0	0.1268	10.7	0.0172	3.8	0.35	109.7	4.1
SYN12-2-107	526	69020	0.8	20.6573	3.6	0.1148	3.9	0.0172	1.6	0.41	109.9	1.7
SYN12-88	244	27405	0.9	20.8719	8.0	0.1149	8.7	0.0174	3.4	0.39	111.2	3.8
SYN12-2-106	154	27422	1.5	21.9104	10.6	0.1149	11.0	0.0183	3.0	0.27	116.6	3.5
SYN12-2-108	68	5708	1.4	24.8422	31.5	0.1047	31.6	0.0189	2.5	0.08	120.5	3.0
SYN12-81	172	21773	0.9	22.2849	11.7	0.1185	12.3	0.0191	3.6	0.29	122.3	4.3
SYN12-2-109	270	37257	0.8	20.9638	8.7	0.1264	8.7	0.0192	1.2	0.14	122.7	1.4
SYN12-2-110	474	35739	1.8	20.6835	3.5	0.1508	3.6	0.0226	1.1	0.30	144.2	1.5
SYN12-2-47	92	10881	0.8	20.6591	8.6	0.1567	8.9	0.0235	2.4	0.27	149.6	3.6
SYN12-95	49	5725	1.0	20.2426	21.1	0.1613	21.8	0.0237	5.3	0.24	150.9	7.9
SYN12-70	125	15727	0.3	18.0580	9.5	0.1848	9.6	0.0242	1.8	0.18	154.1	2.7
SYN12-61	298	4595	0.4	20.0288	5.9	0.1680	7.6	0.0244	4.8	0.63	155.4	7.4
SYN12-2-8	125	23396	1.0	21.5026	8.1	0.1621	8.6	0.0253	2.9	0.33	161.0	4.6
SYN12-58	207	40206	0.3	20.4136	4.2	0.1712	4.6	0.0253	1.9	0.41	161.3	3.0
SYN12-93	349	5337	1.0	19.7105	2.9	0.1780	3.3	0.0255	1.7	0.52	162.0	2.8
SYN12-96	346	46520	1.1	20.3890	3.0	0.1780	3.2	0.0263	1.1	0.34	167.5	1.8
SYN12-2-9	212	12295	0.7	19.6728	7.8	0.1850	8.2	0.0264	2.7	0.33	168.0	4.5
SYN12-67	233	2115	0.4	18.9871	9.1	0.1947	9.3	0.0268	1.9	0.20	170.6	3.2
SYN12-98	59	11540	0.5	24.6799	22.4	0.1501	23.0	0.0269	5.2	0.23	170.9	8.8
SYN12-2-19	234	29496	1.0	19.7777	3.3	0.1888	3.8	0.0271	1.9	0.51	172.3	3.3
SYN12-2-103	38	4938	0.8	18.2583	30.9	0.2047	31.1	0.0271	3.6	0.12	172.4	6.1
SYN12-2-102	214	49892	0.7	20.8806	4.8	0.1803	5.0	0.0273	1.4	0.28	173.6	2.4
SYN12-73	194	13674	1.0	20.0815	4.8	0.1876	5.3	0.0273	2.3	0.43	173.8	3.9
SYN12-2-49	533	78120	1.9	20.3563	2.1	0.1897	2.3	0.0280	1.0	0.44	178.0	1.8
SYN12-2-44	315	23274	0.4	20.2033	3.5	0.1938	3.7	0.0284	1.3	0.34	180.5	2.2
SYN12-82	86	17106	1.1	19.9768	7.0	0.1974	7.2	0.0286	1.8	0.25	181.8	3.2
SYN12-2-18	308	78372	1.6	19.5442	2.8	0.2137	4.6	0.0303	3.6	0.78	192.4	6.8

TABLE DR1												
SYN12-2-16	65	6208	1.2	18.0660	8.9	0.2906	9.8	0.0381	3.9	0.40	240.9	9.2
SYN12-2-104	119	6877	0.8	17.3960	15.2	0.3814	15.4	0.0481	2.1	0.13	303.0	6.1
SYN12-2-37	162	32888	0.8	19.2793	3.5	0.3496	3.9	0.0489	1.7	0.44	307.7	5.2
SYN12-64	153	37573	1.7	18.8416	4.9	0.4260	5.1	0.0582	1.4	0.27	364.7	4.8
SYN12-2-43	116	42740	0.6	18.1755	3.8	0.4451	4.3	0.0587	2.1	0.50	367.6	7.7
SYN12-63	321	134213	9.4	18.3596	1.4	0.4751	1.8	0.0633	1.2	0.63	395.5	4.4
SYN12-2-34	340	102864	4.0	18.3904	1.4	0.4966	1.8	0.0662	1.2	0.65	413.4	4.7
SYN12-2-1	294	197799	0.7	18.0942	1.8	0.5098	2.7	0.0669	2.0	0.75	417.4	8.0
SYN12-75	105	40613	2.0	18.4768	5.1	0.5028	5.1	0.0674	0.9	0.17	420.3	3.5
SYN12-89	45	16881	2.4	19.1236	11.6	0.4874	11.9	0.0676	2.7	0.23	421.7	11.0
SYN12-2-13	118	41194	1.7	18.1267	2.9	0.5291	4.0	0.0696	2.8	0.70	433.5	11.8
SYN12-2-51	98	43025	0.9	17.8118	5.0	0.5396	5.3	0.0697	1.9	0.36	434.4	8.1
SYN12-99	159	48868	1.5	17.8739	1.8	0.5395	2.6	0.0699	1.8	0.72	435.8	7.8
SYN12-65	73	19152	1.2	18.1486	5.6	0.5348	5.9	0.0704	1.9	0.32	438.5	8.0
SYN12-68	96	35172	2.5	17.7463	3.9	0.5498	5.6	0.0708	4.0	0.71	440.7	16.8
SYN12-2-3	102	50414	2.4	17.9911	3.0	0.5492	4.0	0.0717	2.6	0.65	446.1	11.1
SYN12-2-4	187	132390	1.2	17.5120	2.5	0.5946	3.1	0.0755	1.8	0.58	469.3	8.2
SYN12-2-46	326	101910	4.7	15.0450	2.0	0.7379	2.4	0.0805	1.3	0.55	499.2	6.4
SYN12-87	111	63764	0.7	16.8856	2.0	0.7389	2.5	0.0905	1.5	0.59	558.4	7.9
SYN12-2-24	97	57087	1.8	17.2452	3.4	0.7250	4.0	0.0907	2.2	0.54	559.6	11.7
SYN12-2-55	64	22006	2.0	16.7668	4.0	0.7632	4.6	0.0928	2.3	0.50	572.1	12.6
SYN12-2-38	48	27934	3.6	16.7760	6.0	0.8069	6.3	0.0982	2.0	0.31	603.7	11.3
SYN12-2-22	153	68280	0.5	16.6382	1.1	0.8223	1.6	0.0992	1.1	0.71	609.9	6.6
SYN12-2-105	233	57274	1.1	16.6429	1.3	0.8294	1.8	0.1001	1.2	0.67	615.0	7.0
SYN12-2-12	171	64722	0.7	16.6139	2.0	0.8414	2.4	0.1014	1.4	0.57	622.5	8.1
SYN12-2-32	53	30078	0.9	16.1084	7.5	0.8826	7.8	0.1031	2.3	0.29	632.7	13.9
SYN12-2-40	101	75763	1.8	13.6553	1.5	1.7288	1.8	0.1712	1.0	0.55	1018.8	9.5
SYN12-78	108	93883	1.3	13.6420	0.9	1.7514	2.3	0.1733	2.1	0.91	1030.2	20.0
SYN12-2-27	23	25460	2.4	13.6161	7.0	1.7124	7.5	0.1691	2.7	0.35	1007.2	24.9
SYN12-2-14	83	116634	2.1	13.5175	1.6	1.7893	2.3	0.1754	1.8	0.75	1041.9	16.9
SYN12-2-33	49	38216	0.7	13.4880	2.6	1.7476	2.8	0.1710	0.9	0.33	1017.4	8.7
SYN12-2-54	38	45247	0.8	13.4540	2.3	1.9004	3.3	0.1854	2.4	0.72	1096.6	23.9
SYN12-62	101	225224	2.0	13.4239	1.5	1.8528	2.1	0.1804	1.6	0.72	1069.1	15.3
SYN12-2-50	116	71588	1.7	13.4120	0.9	1.8759	2.8	0.1825	2.7	0.95	1080.5	26.7
SYN12-2-45	163	220089	3.7	13.3736	0.7	1.8580	1.2	0.1802	1.0	0.80	1068.1	9.7
SYN12-90	68	72019	2.6	13.2966	1.4	1.9106	2.1	0.1842	1.5	0.73	1090.1	15.5
SYN12-2-21	107	66322	1.1	13.2608	0.9	1.8681	2.3	0.1797	2.1	0.91	1065.2	20.2
SYN12-97	168	57004	2.5	13.2437	0.7	1.8665	1.2	0.1793	1.0	0.85	1063.1	10.2
SYN12-92	218	192748	2.2	13.1977	0.6	1.9472	1.1	0.1864	1.0	0.84	1101.8	9.7
SYN12-83	40	48867	2.2	13.0852	1.7	2.0497	2.8	0.1945	2.2	0.79	1145.8	23.4
SYN12-2-7	35	49195	2.5	13.0302	3.0	1.9686	3.8	0.1860	2.3	0.61	1099.9	23.2
SYN12-60	41	30540	2.5	13.0204	2.3	2.0615	3.4	0.1947	2.6	0.76	1146.7	27.3
SYN12-71	158	148581	1.6	12.9894	0.2	1.9776	1.9	0.1863	1.9	0.99	1101.3	19.3
SYN12-2-6	203	311903	1.9	12.9249	0.7	2.0230	3.0	0.1896	3.0	0.97	1119.4	30.4
SYN12-57	89	161886	2.9	12.9136	0.6	2.0820	1.9	0.1950	1.8	0.95	1148.4	19.4
SYN12-77	378	779828	1.1	12.8176	0.4	2.0825	1.9	0.1936	1.8	0.98	1140.8	19.1

TABLE DR1												
SYN12-2-48	74	95088	1.8	12.6927	1.1	2.1155	2.7	0.1947	2.5	0.91	1147.1	26.0
SYN12-2-28	86	70590	3.4	12.6772	0.9	2.2043	2.0	0.2027	1.7	0.88	1189.6	19.0
SYN12-72	87	124695	1.5	12.5847	1.2	2.2103	4.1	0.2017	4.0	0.96	1184.6	42.9
SYN12-2-2	97	160732	1.5	12.5834	1.0	2.2057	1.4	0.2013	1.0	0.71	1182.3	10.9
SYN12-2-10	36	4295	1.7	12.5395	3.1	2.0220	4.8	0.1839	3.7	0.77	1088.2	37.0
SYN12-100	165	255022	2.3	12.3816	0.6	2.3569	2.3	0.2116	2.2	0.97	1237.6	24.6
SYN12-2-39	90	113217	2.0	12.3558	1.1	2.3161	4.0	0.2075	3.8	0.96	1215.7	42.0
SYN12-56	35	32327	2.1	12.1114	3.0	2.3695	3.6	0.2081	2.1	0.58	1218.9	23.7
SYN12-91	62	56843	2.7	11.6344	1.6	2.6360	3.0	0.2224	2.5	0.85	1294.7	29.9
SYN12-84	68	79723	2.1	11.6261	2.1	2.7010	2.4	0.2277	1.3	0.54	1322.7	15.6
SYN12-2-26	105	171510	1.8	11.4464	0.7	2.7991	2.5	0.2324	2.5	0.97	1346.9	29.8
SYN12-86	87	106042	2.1	11.3206	1.0	2.9460	1.5	0.2419	1.1	0.72	1396.5	13.5
SYN12-2-25	197	194798	2.0	11.3177	0.7	2.8414	1.3	0.2332	1.2	0.86	1351.4	14.1
SYN12-2-36	104	115684	2.3	11.0167	0.7	3.2097	2.5	0.2565	2.4	0.96	1471.7	31.9
SYN12-79	19	41721	0.6	10.8786	3.3	3.1997	3.5	0.2525	1.1	0.32	1451.1	14.6
SYN12-66	76	111456	1.9	10.2597	0.6	3.7225	3.6	0.2770	3.5	0.99	1576.2	49.6
SYN12-69	418	104804	1.7	9.9890	0.2	3.7781	1.0	0.2737	1.0	0.98	1559.6	14.1
SYN12-2-53	78	139584	0.7	9.5661	0.7	4.3684	1.3	0.3031	1.1	0.86	1706.5	16.8
SYN12-76	257	997985	3.3	9.1701	0.2	4.5973	1.6	0.3058	1.6	0.99	1719.8	24.4
SYN12-2-52	142	255522	2.5	9.0540	0.3	4.9606	1.2	0.3257	1.1	0.97	1817.7	18.1
SYN12-2-15	53	89672	1.2	9.0046	1.0	5.1266	1.7	0.3348	1.4	0.81	1861.6	23.0
SYN12-2-11	175	313503	0.8	8.9547	0.3	5.1025	0.8	0.3314	0.7	0.91	1845.1	12.0
SYN12-74	214	43706	2.9	8.8199	0.3	4.9733	3.2	0.3181	3.2	0.99	1780.6	49.7
SYN12-2-17	319	29988	5.1	8.4144	0.2	5.3794	1.8	0.3283	1.8	0.99	1830.1	28.3
SYN12-94	17	64781	0.9	7.7091	2.1	6.9053	2.5	0.3861	1.3	0.53	2104.7	23.5
SYN12-2-41	36	126767	0.6	5.9743	0.7	11.1418	1.3	0.4828	1.0	0.82	2539.3	21.9
SYN12-59	31	66490	1.0	5.1577	0.4	14.2484	1.9	0.5330	1.8	0.97	2754.1	41.5
SYN12-2-35	173	289241	1.4	4.9111	0.1	15.4581	2.1	0.5506	2.1	1.00	2827.6	47.3
SYN12-80	176	14034	2.2	4.5714	0.8	17.3602	9.5	0.5756	9.4	1.00	2930.7	222.6

Table DR1C U-Pb geochronologic analyses SYN12-03												
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	Isotope ratios		206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)
						207Pb* 235U*	± (%)					
SYN12-3-68	494	28363	2.3	20.8488	4.1	0.1157	4.3	0.0175	1.2	0.29	111.8	1.4
SYN12-3-15	433	55148	1.2	20.2352	2.8	0.1948	3.1	0.0286	1.4	0.45	181.7	2.5
SYN12-3-34	334	42339	3.7	19.3374	3.1	0.3017	4.2	0.0423	2.9	0.68	267.2	7.6
SYN12-3-95	288	46296	0.4	19.0790	3.1	0.3607	3.4	0.0499	1.5	0.43	314.0	4.5
SYN12-3-100	257	33262	0.9	18.5597	2.1	0.4580	3.3	0.0617	2.5	0.77	385.7	9.5
SYN12-3-37	798	11788	3.9	17.8075	1.0	0.5277	1.4	0.0682	1.0	0.71	425.0	4.1
SYN12-3-39	136	35375	1.6	18.1215	3.8	0.5356	3.9	0.0704	1.1	0.27	438.5	4.5
SYN12-3-35	37	11767	0.8	18.1115	13.2	0.5455	13.5	0.0717	2.7	0.20	446.2	11.7
SYN12-3-1	783	236743	1.4	17.8904	0.7	0.5672	1.4	0.0736	1.2	0.85	457.8	5.3
SYN12-3-52	150	70007	2.7	17.4237	3.0	0.5906	3.2	0.0746	1.3	0.39	464.0	5.6
SYN12-3-23	253	185974	0.7	17.5624	2.0	0.6371	2.7	0.0811	1.7	0.65	503.0	8.4
SYN12-3-28	45	18857	1.4	18.4270	6.9	0.6247	7.4	0.0835	2.7	0.37	516.9	13.6

TABLE DR1												
SYN12-3-60	246	177033	1.7	16.7455	1.6	0.8093	2.3	0.0983	1.7	0.73	604.4	9.7
SYN12-3-38	615	64901	1.7	16.6535	0.5	0.8179	3.1	0.0988	3.1	0.98	607.3	17.7
SYN12-3-5	121	40313	1.2	16.4193	4.0	0.8547	4.3	0.1018	1.5	0.36	624.8	9.2
SYN12-3-44	253	87069	1.2	16.5092	0.8	0.8688	1.5	0.1040	1.2	0.84	637.9	7.5
SYN12-3-49	306	102427	2.4	16.3721	2.5	0.8882	3.2	0.1055	2.0	0.62	646.4	12.1
SYN12-3-36	212	90671	1.6	16.3312	2.0	0.9096	2.6	0.1077	1.7	0.65	659.6	10.6
SYN12-3-4	115	50632	1.5	14.0823	1.7	1.5496	2.8	0.1583	2.3	0.81	947.1	20.1
SYN12-3-7	310	10044	1.7	14.0364	1.6	1.5337	3.4	0.1561	3.0	0.88	935.2	26.1
SYN12-3-85	236	154090	0.7	13.9708	1.1	1.6552	1.3	0.1677	0.8	0.58	999.5	7.1
SYN12-3-19	52	58564	0.6	13.8954	2.5	1.7204	5.6	0.1734	5.1	0.90	1030.7	48.1
SYN12-3-88	189	102512	1.6	13.6404	0.9	1.7621	1.6	0.1743	1.3	0.80	1035.9	12.2
SYN12-3-40	64	39661	2.0	13.6224	1.2	1.8063	1.7	0.1785	1.2	0.69	1058.6	11.4
SYN12-3-41	196	198980	1.3	13.5598	1.1	1.7652	1.6	0.1736	1.2	0.76	1031.9	11.6
SYN12-3-74	274	247446	2.2	13.5001	0.7	1.8456	1.2	0.1807	0.9	0.80	1070.9	9.2
SYN12-3-45	57	63139	1.4	13.4977	2.4	1.8882	2.8	0.1848	1.5	0.53	1093.4	14.8
SYN12-3-12	347	231272	4.0	13.4907	0.5	1.8483	1.2	0.1808	1.1	0.92	1071.6	10.5
SYN12-3-31	93	67114	1.0	13.4190	1.0	1.8876	2.2	0.1837	1.9	0.89	1087.2	19.1
SYN12-3-21	215	253847	1.7	13.3874	0.7	1.8677	2.5	0.1813	2.4	0.96	1074.3	23.5
61	126	63665	2.6	13.3607	1.4	1.8849	2.1	0.1826	1.5	0.72	1081.4	14.9
SYN12-3-62	113	51003	1.4	13.3546	1.2	1.9011	1.5	0.1841	1.0	0.65	1089.5	9.9
SYN12-3-94	43	21259	1.1	13.2599	4.1	1.8887	4.3	0.1816	1.5	0.34	1075.9	14.7
SYN12-3-89	95	76625	1.2	13.2217	1.5	1.9253	1.9	0.1846	1.2	0.61	1092.2	12.0
SYN12-3-58	78	139967	1.0	13.1633	2.9	2.0211	3.1	0.1929	1.3	0.40	1137.3	13.1
SYN12-3-26	59	69433	1.2	13.1513	2.7	1.9756	3.2	0.1884	1.6	0.51	1112.9	16.8
SYN12-3-25	40	30922	1.7	13.1408	1.7	1.8947	2.7	0.1806	2.2	0.78	1070.1	21.2
SYN12-3-87	77	50601	0.9	13.0389	1.6	1.9556	2.9	0.1849	2.5	0.85	1093.9	25.2
SYN12-3-54	42	33851	1.6	12.8418	4.5	1.9700	9.1	0.1835	7.9	0.87	1086.0	79.1
SYN12-3-51	38	56068	1.3	12.5519	3.6	2.3219	4.0	0.2114	1.8	0.44	1236.1	19.7
SYN12-3-16	96	129345	2.2	12.5498	1.7	2.2374	2.4	0.2036	1.6	0.68	1194.9	17.7
SYN12-3-55	149	108299	1.7	12.5282	0.4	2.3523	1.7	0.2137	1.7	0.97	1248.7	19.0
SYN12-3-97	145	20059	2.1	12.3496	1.5	2.3166	2.4	0.2075	2.0	0.80	1215.4	21.7
SYN12-3-10	96	42019	1.8	11.7059	2.8	2.5635	3.1	0.2176	1.4	0.46	1269.4	16.5
SYN12-3-22	97	111250	1.8	11.6800	1.9	2.7019	2.6	0.2289	1.8	0.67	1328.7	21.0
SYN12-3-2	214	218315	1.0	11.3991	0.6	2.9262	1.2	0.2419	1.1	0.87	1396.7	13.6
SYN12-3-18	72	130715	0.8	10.6555	1.0	3.4655	1.7	0.2678	1.4	0.82	1529.7	19.2
SYN12-3-3	396	584257	1.7	10.6284	0.1	3.5566	1.1	0.2742	1.1	0.99	1561.9	15.0
SYN12-3-73	358	346560	1.2	10.6179	0.3	3.4241	0.9	0.2637	0.8	0.92	1508.7	11.2
SYN12-3-64	364	35124	2.4	10.5846	0.4	3.6500	1.7	0.2802	1.7	0.98	1592.4	23.8
SYN12-3-48	192	386767	0.9	9.9850	0.3	4.0834	1.2	0.2957	1.2	0.97	1670.0	17.7
SYN12-3-96	23	22705	2.7	9.9653	1.9	4.0667	2.1	0.2939	0.9	0.44	1661.1	13.5
SYN12-3-30	274	41173	1.5	9.9219	0.9	4.1084	1.9	0.2956	1.7	0.88	1669.7	25.4
SYN12-3-24	123	232131	0.7	9.9112	0.6	4.0711	1.4	0.2926	1.3	0.90	1654.7	18.5
SYN12-3-77	175	541643	0.7	9.8975	0.5	4.1721	2.4	0.2995	2.3	0.98	1688.8	34.3
SYN12-3-42	212	455120	1.5	9.8875	0.3	4.1705	2.8	0.2991	2.7	0.99	1686.7	40.6
81	44	57165	1.0	9.8815	1.0	4.1483	1.6	0.2973	1.2	0.78	1677.9	18.0
SYN12-3-67	100	169220	1.6	9.8242	0.7	4.0712	2.6	0.2901	2.5	0.96	1641.9	36.0

TABLE DR1												
SYN12-3-82	52	103325	1.8	9.7818	0.6	4.2965	3.1	0.3048	3.1	0.98	1715.1	46.1
SYN12-3-53	124	164523	1.4	9.7732	1.1	4.2786	4.1	0.3033	3.9	0.96	1707.5	58.5
SYN12-3-91	104	89140	1.1	9.7229	0.6	4.2571	1.4	0.3002	1.3	0.91	1692.3	18.9
SYN12-3-56	99	34905	0.9	9.5258	1.6	4.2983	2.6	0.2970	2.1	0.79	1676.2	30.5
SYN12-3-83	66	77716	1.0	9.1710	1.0	4.8945	2.1	0.3256	1.8	0.87	1816.8	28.4
SYN12-3-27	255	272234	2.2	9.1626	0.5	4.5850	2.2	0.3047	2.1	0.97	1714.5	31.6
SYN12-3-33	123	141242	1.9	9.1009	0.6	4.9142	4.7	0.3244	4.6	0.99	1811.0	73.1
SYN12-3-8	261	388515	2.0	9.0740	0.3	4.8835	1.5	0.3214	1.4	0.98	1796.5	22.6
SYN12-3-14	210	540737	1.5	9.0538	0.4	5.0233	0.9	0.3299	0.7	0.86	1837.7	11.7
SYN12-3-76	130	173682	0.8	8.9710	0.7	5.1621	1.6	0.3359	1.5	0.90	1866.8	23.5
SYN12-3-11	36	55632	0.6	8.8075	1.4	5.1872	4.0	0.3313	3.7	0.94	1844.9	59.4
SYN12-3-69	143	142345	1.9	8.6799	0.3	5.4783	0.7	0.3449	0.6	0.90	1910.1	10.3
SYN12-3-66	130	296238	1.2	8.5152	0.4	5.6977	1.8	0.3519	1.8	0.98	1943.6	30.1
SYN12-3-70	88	119947	2.1	8.0196	0.5	6.5153	1.7	0.3790	1.6	0.94	2071.4	27.6
SYN12-3-90	355	46564	0.9	7.7727	0.2	6.8278	2.2	0.3849	2.2	0.99	2099.1	39.9
SYN12-3-75	253	43274	3.8	7.4048	0.2	6.6217	1.4	0.3556	1.4	0.99	1961.4	23.8
SYN12-3-13	29	73226	0.7	5.8961	1.1	11.6053	2.7	0.4963	2.5	0.92	2597.8	54.3
SYN12-3-43	178	498611	1.3	5.6526	0.3	12.6560	2.2	0.5189	2.2	0.99	2694.3	48.2
SYN12-3-29	83	116426	1.8	5.3732	0.2	13.6948	1.2	0.5337	1.2	0.99	2757.0	27.2
SYN12-3-63	23	59297	2.2	5.3531	0.7	14.0595	1.7	0.5458	1.5	0.91	2807.9	34.3
SYN12-3-6	79	252861	1.6	5.3470	0.3	12.4946	2.7	0.4845	2.6	0.99	2547.0	55.5
SYN12-3-17	87	312223	0.7	5.2814	0.2	13.8600	1.1	0.5309	1.1	0.98	2745.2	24.6
SYN12-3-57	58	105180	1.3	4.8124	0.5	16.5968	3.2	0.5793	3.2	0.99	2945.8	74.7

Table DR1D U-Pb geochronologic analyses SYN12-06												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)
SYN12-6-21	168	15545	1.1	22.2971	10.1	0.0962	10.2	0.0156	1.4	0.14	99.5	1.4
SYN12-6-101	924	2200	2.0	19.5277	2.4	0.1678	3.0	0.0238	1.7	0.58	151.4	2.6
SYN12-6-103	296	23627	0.7	20.1419	4.1	0.1670	4.5	0.0244	1.8	0.40	155.4	2.7
SYN12-6-68	476	45325	3.7	20.4747	1.7	0.1670	2.9	0.0248	2.3	0.80	157.9	3.5
SYN12-6-60	133	13234	0.9	19.9101	11.9	0.1732	12.1	0.0250	2.1	0.17	159.2	3.3
SYN12-6-69	188	39655	0.9	20.5494	2.4	0.1678	3.0	0.0250	1.9	0.63	159.2	3.0
SYN12-6-40	176	33962	1.5	20.2232	4.6	0.1721	5.1	0.0252	2.3	0.44	160.7	3.6
SYN12-6-88	357	49387	0.7	20.5498	4.3	0.1709	4.8	0.0255	2.2	0.46	162.1	3.5
SYN12-6-83	724	108127	1.3	20.0101	1.5	0.1755	3.1	0.0255	2.7	0.87	162.2	4.3
SYN12-6-100	112	20121	0.4	20.1148	5.7	0.2474	5.9	0.0361	1.7	0.29	228.6	3.8
SYN12-6-23	102	3978	0.9	15.3070	29.3	0.3255	30.4	0.0361	7.9	0.26	228.8	17.8
SYN12-6-29	53	9371	1.8	20.9739	24.6	0.2476	25.0	0.0377	4.6	0.18	238.3	10.7
SYN12-6-37	142	37301	1.4	19.8471	6.7	0.2644	7.0	0.0381	2.1	0.30	240.8	5.0
SYN12-6-05	71	16877	1.2	20.0360	4.7	0.2710	5.8	0.0394	3.4	0.59	249.0	8.2
SYN12-6-66	111	16848	2.6	18.5524	6.7	0.3312	7.3	0.0446	3.0	0.41	281.1	8.2
SYN12-6-81	259	35592	0.9	19.4637	3.7	0.3226	4.4	0.0455	2.4	0.54	287.1	6.7
SYN12-6-65	138	34755	0.9	19.3503	4.8	0.3538	5.6	0.0496	2.9	0.52	312.4	8.9
SYN12-6-50	104	47101	1.3	18.5204	4.3	0.5037	4.9	0.0677	2.4	0.49	422.0	9.8

TABLE DR1												
SYN12-6-63	51	29776	0.8	17.8910	8.0	0.5288	8.5	0.0686	2.7	0.31	427.8	11.0
SYN12-6-11	58	51178	1.2	17.6897	7.8	0.5454	8.1	0.0700	2.2	0.27	436.0	9.4
SYN12-6-101	122	8648	0.8	14.1094	16.2	0.7131	16.4	0.0730	2.5	0.15	454.0	11.1
SYN12-6-75	127	88865	2.0	18.0129	2.3	0.5817	3.7	0.0760	2.9	0.79	472.1	13.4
SYN12-6-04	90	40879	1.2	17.4009	4.0	0.6159	4.1	0.0777	0.9	0.21	482.6	4.0
SYN12-6-30	98	39550	1.2	17.8070	3.4	0.6115	4.1	0.0790	2.2	0.54	490.0	10.3
SYN12-6-104	121	40969	0.9	17.5943	2.1	0.6791	2.6	0.0867	1.5	0.56	535.7	7.5
SYN12-6-91	52	23998	1.9	17.2152	6.7	0.6977	7.7	0.0871	3.7	0.48	538.5	19.1
SYN12-6-34	63	126942	0.7	16.8484	3.6	0.7801	3.9	0.0953	1.4	0.36	587.0	7.8
SYN12-6-31	174	94390	1.4	16.5862	1.8	0.8113	2.6	0.0976	1.8	0.70	600.3	10.2
SYN12-6-43	140	112000	2.1	16.4999	2.1	0.8232	2.5	0.0985	1.3	0.55	605.7	7.8
SYN12-6-06	52	20090	0.9	16.4801	4.2	0.8265	4.8	0.0988	2.4	0.49	607.3	13.8
SYN12-6-78	104	101864	0.7	16.6085	2.2	0.8371	2.8	0.1008	1.8	0.64	619.3	10.6
SYN12-6-73	117	50586	1.8	16.6524	2.4	0.8486	3.3	0.1025	2.2	0.67	629.0	13.1
SYN12-6-92	46	47970	1.7	14.4969	1.6	1.4842	2.4	0.1560	1.8	0.74	934.8	15.7
SYN12-6-94	32	41168	1.2	14.2469	6.2	1.5421	6.5	0.1593	2.1	0.32	953.1	18.2
SYN12-6-93	22	13676	0.4	13.9006	7.7	1.7001	8.2	0.1714	3.0	0.36	1019.8	28.1
SYN12-6-13	99	115824	2.4	13.7094	0.8	1.6827	1.5	0.1673	1.2	0.82	997.3	11.2
SYN12-6-14	184	230517	2.1	13.6736	0.6	1.6710	2.9	0.1657	2.8	0.97	988.5	25.6
SYN12-6-57	38	26551	1.4	13.6369	3.3	1.7478	3.9	0.1729	2.1	0.54	1027.9	19.9
SYN12-6-56	37	30041	0.8	13.5726	2.9	1.7589	3.4	0.1731	1.6	0.49	1029.4	15.6
SYN12-6-76	26	20591	1.2	13.5632	4.6	1.8336	5.0	0.1804	2.0	0.39	1069.0	19.2
SYN12-6-44	97	69619	1.1	13.5478	1.3	1.7415	2.4	0.1711	1.9	0.82	1018.2	18.3
SYN12-6-67	32	38192	1.9	13.4325	5.3	1.7896	5.5	0.1743	1.7	0.30	1036.0	16.0
SYN12-6-55	166	172834	2.7	13.4196	0.8	1.8238	1.6	0.1775	1.4	0.87	1053.3	13.6
SYN12-6-87	177	149665	1.6	13.4091	0.7	1.8570	1.3	0.1806	1.1	0.83	1070.2	10.8
SYN12-6-22	35	84123	3.3	13.4069	1.9	1.7651	2.9	0.1716	2.1	0.74	1021.1	20.2
SYN12-6-70	49	47959	0.9	13.3318	1.8	1.8783	3.3	0.1816	2.8	0.85	1075.8	27.5
SYN12-6-18	65	56270	2.0	13.3268	1.6	1.8671	2.9	0.1805	2.4	0.83	1069.5	24.1
SYN12-6-38	23	39637	1.0	13.3264	3.4	1.8237	4.1	0.1763	2.3	0.55	1046.5	22.1
SYN12-6-51	52	121138	1.2	13.2371	2.6	1.9440	3.5	0.1866	2.4	0.69	1103.1	24.8
SYN12-6-15	43	42545	1.2	13.1741	1.9	1.9193	2.2	0.1834	1.0	0.47	1085.5	10.2
SYN12-6-01	136	206587	2.4	13.1267	1.0	1.8937	1.3	0.1803	0.9	0.66	1068.6	8.5
SYN12-6-52	34	51521	1.8	13.0865	4.1	1.9460	4.8	0.1847	2.4	0.51	1092.6	24.2
SYN12-6-96	209	250474	2.6	13.0861	0.4	2.0000	1.8	0.1898	1.7	0.98	1120.4	17.7
SYN12-6-20	60	63353	2.2	13.0651	1.7	1.9487	2.5	0.1846	1.9	0.76	1092.3	19.2
SYN12-6-89	186	173110	2.4	13.0120	0.6	2.0306	1.7	0.1916	1.6	0.94	1130.2	16.8
SYN12-6-09	128	4435	1.3	12.9695	4.5	1.9180	5.1	0.1804	2.4	0.47	1069.2	23.7
SYN12-6-98	138	158748	2.2	12.8871	0.8	2.1023	1.7	0.1965	1.5	0.88	1156.5	15.8
SYN12-6-54	46	67238	2.2	12.8737	2.5	2.0317	3.2	0.1897	1.9	0.59	1119.7	19.2
SYN12-6-48	53	67825	1.6	12.8450	1.8	2.1235	2.3	0.1978	1.4	0.62	1163.6	15.2
SYN12-6-79	89	144384	2.7	12.6838	1.7	2.1359	2.4	0.1965	1.7	0.71	1156.4	17.7
SYN12-6-32	68	92238	3.5	12.6792	1.8	1.9476	4.1	0.1791	3.7	0.90	1062.1	36.5
SYN12-6-62	35	40041	2.9	12.6717	1.9	2.0987	2.6	0.1929	1.7	0.66	1137.0	17.8
SYN12-6-99R	224	202117	2.9	12.5632	0.5	2.2385	1.9	0.2040	1.8	0.97	1196.6	19.8
SYN12-6-90	12	10969	3.4	12.5483	7.0	2.2745	7.3	0.2070	2.0	0.28	1212.8	22.5

TABLE DR1												
SYN12-6-42	28	26917	0.9	12.5458	3.0	2.1611	4.2	0.1966	3.0	0.71	1157.2	31.5
SYN12-6-99C	57	67329	1.9	12.5261	1.5	2.1583	4.7	0.1961	4.4	0.94	1154.2	47.0
SYN12-6-46	155	275051	1.0	11.8176	0.8	2.5447	5.5	0.2181	5.4	0.99	1271.9	62.4
SYN12-6-36	36	42137	0.6	11.7780	2.5	2.5790	2.7	0.2203	1.1	0.39	1283.5	12.5
SYN12-6-27	28	50166	1.2	11.7686	3.0	2.6303	3.4	0.2245	1.6	0.46	1305.6	18.6
SYN12-6-82	99	153813	2.9	11.5381	0.9	2.7070	3.5	0.2265	3.4	0.97	1316.3	40.0
SYN12-6-49	40	104054	1.9	11.4317	1.9	2.8338	3.1	0.2350	2.5	0.80	1360.4	30.8
SYN12-6-59	285	329641	1.7	11.2737	0.3	2.9320	1.9	0.2397	1.9	0.99	1385.3	24.0
SYN12-6-02	83	134471	1.8	10.8305	1.0	3.0292	2.5	0.2379	2.3	0.92	1376.0	28.6
SYN12-6-82	57	54995	1.2	10.8156	1.3	3.3681	3.6	0.2642	3.3	0.93	1511.3	44.6
SYN12-6-71	29	40963	2.6	10.6227	2.1	3.3978	2.7	0.2618	1.6	0.61	1498.9	21.6
SYN12-6-61	83	134636	0.7	10.0393	0.5	3.9109	3.6	0.2848	3.6	0.99	1615.3	51.1
SYN12-6-35	49	76436	1.1	9.9791	1.2	3.9670	3.7	0.2871	3.5	0.95	1627.1	50.7
SYN12-6-47	58	225375	1.0	9.9388	0.7	3.9663	2.0	0.2859	1.9	0.93	1621.0	26.9
SYN12-6-39	77	153307	2.0	9.8826	0.8	4.0068	3.1	0.2872	3.0	0.96	1627.5	43.6
SYN12-6-58	128	242608	1.6	9.8823	0.7	4.0956	3.0	0.2935	2.9	0.97	1659.2	42.9
SYN12-6-72	76	114213	1.7	9.8559	0.7	4.0958	1.6	0.2928	1.4	0.90	1655.4	20.7
SYN12-6-03	164	371690	1.1	9.8399	0.4	4.0738	1.5	0.2907	1.5	0.96	1645.2	21.3
SYN12-6-97	101	231952	1.5	9.8130	0.4	4.1660	1.3	0.2965	1.2	0.95	1673.9	17.5
SYN12-6-33	121	221847	1.8	9.6299	0.9	4.1752	3.6	0.2916	3.5	0.97	1649.5	50.9
SYN12-6-74	90	13691	1.8	9.4336	0.9	4.3413	1.4	0.2970	1.1	0.76	1676.5	15.7
SYN12-6-77	137	170711	1.8	9.4177	0.3	4.5057	2.0	0.3078	2.0	0.99	1729.7	30.0
SYN12-6-16	117	359356	1.0	9.3360	0.4	4.5592	1.6	0.3087	1.5	0.97	1734.3	23.5
SYN12-6-07	149	319936	1.7	9.0789	0.2	4.8936	1.1	0.3222	1.1	0.98	1800.6	16.6
SYN12-6-64	244	565796	1.3	8.9504	0.3	4.5898	1.9	0.2979	1.9	0.99	1681.1	28.2
SYN12-6-95	52	78212	0.6	8.8344	1.1	4.2264	4.8	0.2708	4.7	0.97	1544.8	64.2
SYN12-6-26	109	116753	2.9	8.7162	0.4	4.6818	3.3	0.2960	3.3	0.99	1671.3	48.3
SYN12-6-24	79	219321	0.6	8.7006	0.6	5.2733	1.1	0.3328	1.0	0.87	1851.8	15.8
SYN12-6-10	168	302390	4.6	8.6627	0.3	5.3152	1.5	0.3339	1.5	0.98	1857.4	23.9
SYN12-6-41	55	227987	0.7	8.5923	0.4	5.5246	2.3	0.3443	2.3	0.98	1907.2	37.4
SYN12-6-08	50	16989	1.4	7.5522	0.8	7.0815	1.9	0.3879	1.7	0.91	2113.0	30.6
SYN12-6-45	5	17857	2.3	5.5135	3.8	13.2906	5.5	0.5315	4.0	0.73	2747.6	89.3
SYN12-6-80	174	791254	1.0	5.2770	0.2	13.7242	1.3	0.5253	1.3	0.99	2721.5	28.4
SYN12-6-28	33	62916	1.8	5.0362	0.6	15.0325	1.5	0.5491	1.4	0.91	2821.3	31.1
SYN12-6-25	42	261365	2.7	4.2862	0.5	19.9993	1.6	0.6217	1.5	0.96	3116.7	37.2
SYN12-6-12	34	238809	1.0	2.6662	0.3	41.9085	2.2	0.8104	2.1	0.99	3826.2	61.6

Table DR1E U-Pb geochronologic analyses SYN12-07												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)
SYN12-7-36	333	26789	1.9	20.7478	4.5	0.1135	5.3	0.0171	2.8	0.53	109.2	3.0
SYN12-7-31	160	9506	2.0	24.1225	26.2	0.1006	26.3	0.0176	1.8	0.07	112.5	2.0
SYN12-7-39	526	93299	1.0	20.5800	4.0	0.1830	4.0	0.0273	0.5	0.13	173.8	0.9
SYN12-7-21	147	23745	1.1	19.5945	8.7	0.2051	9.1	0.0291	2.8	0.31	185.2	5.1
SYN12-7-23	87	18345	0.5	22.5481	11.8	0.2059	12.3	0.0337	3.4	0.27	213.5	7.1

TABLE DR1												
SYN12-7-90	111	10197	0.4	19.7483	6.7	0.2363	8.1	0.0338	4.4	0.55	214.6	9.3
SYN12-7-71	142	24504	1.5	20.6546	6.4	0.2329	6.9	0.0349	2.5	0.36	221.1	5.4
SYN12-7-53	105	19141	2.1	20.4801	12.9	0.2471	13.1	0.0367	2.2	0.17	232.4	5.0
SYN12-7-38	74	12959	1.1	22.5526	15.4	0.2356	16.1	0.0385	4.7	0.29	243.8	11.3
SYN12-7-77	157	37757	1.3	19.5338	4.2	0.2777	5.4	0.0393	3.5	0.63	248.8	8.4
SYN12-7-76	271	26314	0.9	18.9825	2.9	0.3854	3.8	0.0531	2.5	0.64	333.3	8.0
SYN12-7-32	190	18894	0.7	18.8577	5.2	0.3907	5.6	0.0534	2.3	0.40	335.6	7.4
SYN12-7-83	102	25737	1.5	18.2929	5.6	0.4626	5.7	0.0614	1.1	0.20	384.0	4.3
SYN12-7-70	326	101894	6.5	18.2076	1.7	0.5041	1.9	0.0666	0.9	0.46	415.4	3.5
SYN12-7-94	131	28423	1.0	18.2184	3.2	0.5119	3.5	0.0676	1.4	0.40	421.9	5.8
SYN12-7-44	74	36053	1.9	17.5717	7.1	0.5436	7.3	0.0693	1.9	0.27	431.8	8.1
SYN12-7-42	125	36120	1.5	17.6343	6.0	0.5535	6.1	0.0708	0.8	0.13	440.9	3.5
SYN12-7-100	133	22453	1.0	17.7294	3.2	0.5523	3.4	0.0710	1.1	0.32	442.3	4.6
SYN12-7-86	52	14281	1.4	18.9917	11.0	0.5465	11.2	0.0753	2.1	0.19	467.9	9.6
SYN12-7-103	290	199279	2.6	17.7857	1.6	0.5891	1.8	0.0760	0.9	0.50	472.1	4.1
SYN12-7-16	126	36122	3.6	17.2699	3.9	0.6186	4.4	0.0775	1.9	0.44	481.1	9.0
SYN12-7-69	35	13513	1.9	17.3491	10.4	0.6630	10.8	0.0834	3.1	0.28	516.5	15.3
SYN12-7-43	63	19107	2.0	18.0059	7.0	0.6506	7.1	0.0850	1.5	0.21	525.7	7.5
SYN12-7-98	84	41934	1.0	16.3410	7.2	0.8020	7.6	0.0950	2.4	0.32	585.3	13.6
SYN12-7-101	206	20147	0.8	15.8728	3.9	0.8405	4.2	0.0968	1.5	0.35	595.4	8.3
SYN12-7-92	125	55150	1.6	16.3808	2.3	0.8343	2.5	0.0991	1.1	0.43	609.2	6.4
SYN12-7-30	122	42596	1.3	16.4591	3.6	0.8466	3.8	0.1011	1.1	0.29	620.6	6.4
SYN12-7-62	88	19387	1.3	15.3316	8.8	0.9268	9.4	0.1031	3.2	0.34	632.3	19.2
SYN12-7-49	36	27132	0.5	13.6296	4.5	1.7809	4.7	0.1760	1.3	0.28	1045.3	12.9
SYN12-7-8	34	35075	0.9	13.6083	6.6	1.7745	6.7	0.1751	1.0	0.15	1040.4	9.7
SYN12-7-33	79	58656	2.8	13.5975	2.2	1.7911	3.0	0.1766	2.0	0.68	1048.6	19.3
SYN12-7-10	72	54455	2.7	13.5861	1.9	1.6308	2.2	0.1607	1.1	0.50	960.6	9.6
SYN12-7-58	106	95980	3.3	13.5847	1.3	1.7665	1.7	0.1740	1.0	0.59	1034.4	9.4
SYN12-7-28	49	36065	1.6	13.5574	3.4	1.5580	3.7	0.1532	1.5	0.41	918.9	13.0
SYN12-7-35	82	51015	1.7	13.5467	2.0	1.8103	2.1	0.1779	0.8	0.36	1055.3	7.5
SYN12-7-40	84	112786	1.7	13.5329	2.0	1.8141	2.5	0.1781	1.5	0.61	1056.3	14.5
SYN12-7-5	86	71460	1.3	13.4899	2.8	1.7951	3.9	0.1756	2.7	0.69	1043.1	26.1
SYN12-7-67	55	40478	1.7	13.4279	3.5	1.7892	3.7	0.1742	1.1	0.29	1035.4	10.2
SYN12-7-27	107	55912	2.4	13.4227	1.7	1.8430	2.8	0.1794	2.2	0.80	1063.8	22.0
SYN12-7-102	48	35757	2.0	13.3639	3.3	1.8319	3.5	0.1776	1.2	0.35	1053.6	11.8
SYN12-7-60	92	66821	2.7	13.3368	1.7	1.8132	1.9	0.1754	0.7	0.36	1041.7	6.5
SYN12-7-1	133	104032	0.9	13.2952	1.8	1.8984	1.9	0.1831	0.6	0.32	1083.6	6.0
SYN12-7-37	225	98898	3.7	13.2876	0.6	1.8416	2.2	0.1775	2.1	0.96	1053.2	20.6
SYN12-7-46	52	26665	2.0	13.2537	1.8	1.8444	2.1	0.1773	1.1	0.51	1052.2	10.5
SYN12-7-65	83	69576	0.5	13.1998	1.6	1.9646	2.0	0.1881	1.1	0.57	1110.9	11.5
SYN12-7-24	205	182602	4.3	13.1483	0.9	1.9628	1.0	0.1872	0.4	0.41	1106.1	4.1
SYN12-7-34	114	96580	1.2	13.0853	1.4	2.0259	1.6	0.1923	0.9	0.54	1133.6	9.1
SYN12-7-45	53	67674	1.8	13.0298	2.5	2.0070	2.7	0.1897	1.0	0.36	1119.5	10.0
SYN12-7-51	17	19643	1.8	12.9879	5.3	1.9439	6.4	0.1831	3.5	0.55	1084.0	35.3
SYN12-7-74	189	146433	1.4	12.9077	0.7	2.0502	1.1	0.1919	0.8	0.76	1131.8	8.3
SYN12-7-41	54	54835	1.5	12.6695	2.4	2.2045	2.5	0.2026	0.9	0.36	1189.1	10.0

TABLE DR1												
SYN12-7-104	114	79141	1.5	12.4656	1.2	2.2426	1.3	0.2028	0.5	0.40	1190.1	5.8
SYN12-7-15	71	82692	2.2	12.3978	2.2	2.2423	2.3	0.2016	0.5	0.24	1184.0	5.9
SYN12-7-73	15	25662	3.1	12.3196	6.3	2.3356	6.7	0.2087	2.3	0.35	1221.8	26.0
SYN12-7-9	167	160575	1.3	11.7526	1.0	2.6552	1.2	0.2263	0.6	0.52	1315.2	7.5
SYN12-7-82	54	47642	0.8	11.6855	1.9	2.6655	2.6	0.2259	1.8	0.69	1313.0	21.3
SYN12-7-26	101	71382	1.7	11.6272	1.1	2.7471	1.3	0.2317	0.7	0.56	1343.2	9.0
SYN12-7-81	72	62335	1.2	11.1425	1.7	3.0771	2.0	0.2487	1.1	0.55	1431.6	14.1
SYN12-7-11	57	54678	1.3	11.0499	1.3	3.1304	1.6	0.2509	0.9	0.57	1443.0	12.0
SYN12-7-84	141	403577	1.7	11.0179	1.0	3.1633	1.4	0.2528	1.0	0.72	1452.8	12.7
SYN12-7-57	67	97770	1.0	11.0119	2.4	3.1823	2.5	0.2542	0.7	0.29	1459.9	9.5
SYN12-7-50	130	202893	2.1	11.0005	0.8	3.1872	1.0	0.2543	0.6	0.61	1460.6	8.2
SYN12-7-75	150	203904	3.0	10.3579	0.6	3.4155	0.9	0.2566	0.6	0.75	1472.3	8.4
SYN12-7-66	71	113654	3.1	9.9698	0.6	3.9892	0.9	0.2884	0.6	0.69	1633.8	8.5
SYN12-7-95	87	92415	1.3	9.8847	1.1	4.1996	1.2	0.3011	0.6	0.51	1696.6	9.3
SYN12-7-19	51	91752	1.0	9.8132	1.7	4.1726	1.9	0.2970	0.9	0.46	1676.3	12.9
SYN12-7-61	136	250123	0.9	9.7228	0.5	4.2816	1.1	0.3019	1.0	0.88	1700.8	14.7
SYN12-7-47	48	35914	1.2	9.6266	1.3	4.2656	1.7	0.2978	1.1	0.63	1680.5	15.7
SYN12-7-3	230	387778	5.0	9.4832	0.6	4.4945	1.0	0.3091	0.9	0.84	1736.4	13.0
SYN12-7-22	95	111245	1.4	9.4188	0.9	4.5634	1.1	0.3117	0.6	0.56	1749.2	9.7
SYN12-7-13	142	297286	4.2	9.3674	0.5	4.6207	0.7	0.3139	0.4	0.62	1760.0	6.3
SYN12-7-85	134	190688	1.8	9.0922	0.6	4.9750	1.2	0.3281	1.1	0.89	1829.0	17.3
SYN12-7-18	241	319569	2.8	9.0852	0.4	4.9868	1.0	0.3286	0.9	0.90	1831.6	14.3
SYN12-7-20	43	54401	1.6	9.0263	1.2	5.0759	1.4	0.3323	0.7	0.50	1849.5	11.1
SYN12-7-59	57	122693	0.7	8.8865	1.1	5.1123	1.5	0.3295	0.9	0.65	1835.9	15.1
SYN12-7-72	25	26620	1.1	8.8482	3.2	5.1265	3.5	0.3290	1.4	0.40	1833.5	22.1
SYN12-7-55	198	697488	1.2	8.8373	0.4	5.3088	1.0	0.3403	0.9	0.93	1887.9	14.6
SYN12-7-63	144	446890	1.0	8.7902	0.4	5.2817	1.1	0.3367	1.0	0.92	1870.9	15.8
SYN12-7-25	114	339188	1.6	8.6965	0.3	5.3986	0.4	0.3405	0.3	0.67	1889.1	4.8
SYN12-7-68	229	510274	2.4	8.6952	0.3	4.5495	1.1	0.2869	1.0	0.95	1626.0	14.7
SYN12-7-88	56	29688	0.4	8.6813	2.8	5.0514	3.4	0.3181	2.0	0.57	1780.2	30.6
SYN12-7-91	101	210974	2.9	7.9288	0.5	6.3066	0.9	0.3627	0.8	0.87	1994.8	13.7
SYN12-7-52	43	133813	1.2	5.9126	0.9	11.3314	1.8	0.4859	1.6	0.87	2553.0	34.1
SYN12-7-14	179	184191	2.0	5.8704	0.4	10.9266	0.9	0.4652	0.8	0.90	2462.5	16.6
SYN12-7-2	34	55957	1.6	5.6932	0.6	12.2721	1.1	0.5067	0.9	0.82	2642.6	19.7
SYN12-7-12	17	140519	0.3	5.4120	2.6	13.0941	3.4	0.5140	2.1	0.62	2673.5	45.9
SYN12-7-54	33	105753	0.7	5.2363	0.9	14.0810	1.2	0.5348	0.8	0.68	2761.5	19.0
SYN12-7-87	60	168953	0.8	5.1717	0.5	14.1504	0.8	0.5308	0.6	0.78	2744.7	14.5
SYN12-7-4	85	290692	1.2	5.1483	0.4	13.8122	1.2	0.5157	1.2	0.95	2681.1	25.2
SYN12-7-64	58	177745	1.0	5.0815	0.3	14.8267	0.9	0.5464	0.8	0.93	2810.3	18.1
SYN12-7-99	36	210517	1.5	3.7073	1.2	24.3182	2.3	0.6539	2.0	0.85	3243.3	50.3

Table DR1F U-Pb geochronologic analyses SYN12-8B												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)
SYN12-8B-82	769	1097	1.0	17.6528	15.5	0.1218	16.4	0.0156	5.2	0.32	99.8	5.1

TABLE DR1												
SYN12-8B-55	65	4844	1.9	19.3801	20.5	0.1159	21.5	0.0163	6.5	0.30	104.2	6.7
SYN12-8B-85	384	51257	1.0	20.2693	4.2	0.1160	4.7	0.0171	2.2	0.47	109.0	2.4
SYN12-8B-59	165	11601	1.9	20.1210	9.3	0.1187	10.1	0.0173	4.0	0.39	110.7	4.4
SYN12-8B-76	199	8634	2.3	21.4020	9.6	0.1129	10.4	0.0175	4.0	0.38	112.0	4.4
SYN12-8B-78	235	30192	2.2	19.5810	4.5	0.2591	4.8	0.0368	1.5	0.32	233.0	3.5
SYN12-8B-66	531	88941	1.3	19.6485	1.9	0.2629	2.4	0.0375	1.5	0.63	237.1	3.5
SYN12-8B-89	192	9324	1.1	19.0042	6.6	0.2761	6.8	0.0381	1.7	0.25	240.7	4.1
SYN12-8B-62	598	66999	2.2	19.8638	1.1	0.2692	3.7	0.0388	3.5	0.95	245.3	8.4
SYN12-8B-31	220	58451	1.4	19.3646	4.5	0.2773	4.7	0.0389	1.5	0.33	246.3	3.7
SYN12-8B-81	177	23766	0.9	19.2853	4.1	0.2831	4.4	0.0396	1.7	0.39	250.3	4.2
SYN12-8B-33	1028	1002	2.0	16.3483	3.2	0.3587	5.6	0.0425	4.6	0.83	268.5	12.2
SYN12-8B-65	237	57506	1.4	18.7411	2.8	0.3900	3.5	0.0530	2.1	0.59	333.0	6.7
SYN12-8B-83	744	27264	5.3	18.2494	0.9	0.4537	1.9	0.0601	1.7	0.87	376.0	6.1
SYN12-8B-60	214	49439	1.8	18.0326	4.2	0.4683	4.5	0.0612	1.6	0.36	383.2	5.9
SYN12-8B-92	119	34602	1.0	18.4405	1.5	0.4723	2.0	0.0632	1.3	0.66	394.8	5.0
SYN12-8B-49	110	37357	1.0	17.9604	5.5	0.5127	6.6	0.0668	3.6	0.55	416.8	14.6
SYN12-8B-3	63	23017	0.7	18.1489	6.4	0.5076	6.7	0.0668	2.0	0.30	416.9	8.2
SYN12-8B-61	11	3542	1.5	28.4283	31.7	0.3260	32.9	0.0672	8.6	0.26	419.4	35.0
SYN12-8B-15	282	114125	1.1	18.2020	1.7	0.5129	2.2	0.0677	1.4	0.63	422.3	5.6
SYN12-8B-17	258	107835	1.0	18.2294	1.6	0.5137	2.4	0.0679	1.9	0.76	423.6	7.6
SYN12-8B-35	68	19623	1.6	17.6620	5.9	0.5321	6.3	0.0682	2.2	0.35	425.1	9.1
SYN12-8B-25	139	46095	0.5	18.2550	3.0	0.5212	4.1	0.0690	2.8	0.68	430.1	11.6
SYN12-8B-52	201	69022	1.2	17.9949	3.2	0.5298	4.2	0.0691	2.7	0.64	431.0	11.2
SYN12-8B-70	350	106099	0.9	18.0026	1.1	0.5329	1.9	0.0696	1.6	0.82	433.6	6.7
SYN12-8B-48	84	24646	1.1	17.7613	5.7	0.5430	5.8	0.0699	1.2	0.20	435.8	4.9
SYN12-8B-4	688	150933	1.0	17.8702	0.9	0.5560	4.5	0.0721	4.4	0.98	448.5	18.9
SYN12-8B-46	54	20155	0.7	17.6414	6.0	0.6541	6.1	0.0837	1.5	0.24	518.1	7.3
SYN12-8B-16	90	11535	1.3	16.1022	6.2	0.7512	6.5	0.0877	2.1	0.32	542.1	10.8
SYN12-8B-86	192	80311	3.0	16.9111	1.4	0.7376	2.4	0.0905	2.0	0.81	558.3	10.6
SYN12-8B-91	504	220185	4.4	16.9582	0.6	0.7572	1.4	0.0931	1.2	0.90	574.0	6.8
SYN12-8B-77	164	99371	2.3	17.0318	1.9	0.7662	2.1	0.0946	1.1	0.50	582.9	6.0
SYN12-8B-1	81	32727	0.9	16.4618	4.1	0.8083	4.6	0.0965	2.1	0.45	593.9	11.9
SYN12-8B-38	240	78114	2.3	16.8218	1.5	0.8000	2.1	0.0976	1.4	0.69	600.3	8.2
SYN12-8B-13	152	107543	2.5	16.4646	1.0	0.8225	1.7	0.0982	1.3	0.81	603.9	7.7
SYN12-8B-8	210	195086	0.8	16.5799	1.7	0.8206	2.6	0.0987	1.9	0.73	606.6	10.8
SYN12-8B-99	177	623249	0.6	16.3200	1.0	0.8473	7.3	0.1003	7.3	0.99	616.1	42.7
SYN12-8B-41	442	388205	1.4	16.2644	1.0	0.8851	2.1	0.1044	1.9	0.89	640.2	11.4
SYN12-8B-11	58	29759	0.8	16.4414	4.7	0.8951	5.6	0.1067	3.0	0.54	653.8	18.9
SYN12-8B-73	20	20007	1.2	13.7724	4.1	1.7547	4.7	0.1753	2.3	0.48	1041.1	21.8
SYN12-8B-96	120	211248	2.5	13.6835	0.7	1.7345	1.4	0.1721	1.2	0.86	1023.8	11.6
SYN12-8B-29	108	106638	2.5	13.5737	1.6	1.7477	1.9	0.1721	1.1	0.57	1023.4	10.1
SYN12-8B-88	15	16979	1.1	13.3550	8.2	1.8812	8.5	0.1822	2.4	0.28	1079.0	23.8
SYN12-8B-34	119	113428	1.1	13.3328	1.3	1.8746	2.5	0.1813	2.1	0.84	1073.9	21.0
SYN12-8B-72	178	248384	2.7	13.3112	0.5	1.8581	1.5	0.1794	1.5	0.95	1063.6	14.3
SYN12-8B-30	68	59740	0.9	13.2932	1.6	1.8961	2.5	0.1828	2.0	0.79	1082.3	19.9
SYN12-8B-68	57	107388	1.1	13.2696	1.7	1.8795	2.1	0.1809	1.3	0.61	1071.8	12.6

TABLE DR1												
SYN12-8B-100	442	134199	1.9	13.2267	0.4	1.8415	2.1	0.1767	2.1	0.98	1048.7	20.3
SYN12-8B-20	90	74634	92.7	13.1597	1.0	1.8561	1.3	0.1771	0.9	0.66	1051.4	8.6
SYN12-8B-57	70	88124	1.9	13.1372	2.6	1.9181	3.8	0.1828	2.8	0.74	1082.0	27.9
SYN12-8B-94	91	87701	1.8	12.8148	1.1	2.2033	1.9	0.2048	1.6	0.84	1200.9	17.7
SYN12-8B-50	867	17217	2.1	12.5083	0.4	2.2315	2.6	0.2024	2.6	0.99	1188.4	28.0
SYN12-8B-69	67	21325	0.9	12.3898	2.5	2.0505	3.7	0.1843	2.7	0.74	1090.2	27.4
SYN12-8B-32	86	19053	2.1	12.3883	1.8	2.2121	2.3	0.1988	1.4	0.63	1168.6	15.1
SYN12-8B-43	43	41258	1.1	12.3378	2.2	2.2973	2.9	0.2056	1.9	0.66	1205.1	21.3
SYN12-8B-26	39	3842	1.8	12.2712	4.4	2.1737	5.0	0.1935	2.4	0.48	1140.1	25.3
SYN12-8B-63	76	75681	1.4	12.2176	1.5	2.4173	2.0	0.2142	1.3	0.66	1251.1	14.8
SYN12-8B-95	98	84018	1.1	12.0346	1.5	2.4954	2.7	0.2178	2.3	0.84	1270.3	26.0
SYN12-8B-87	122	149905	1.5	11.7909	0.9	2.6750	1.5	0.2288	1.2	0.82	1328.0	14.8
SYN12-8B-51	59	105879	2.6	11.6286	2.0	2.6611	3.9	0.2244	3.3	0.85	1305.2	39.4
SYN12-8B-47	157	675607	1.3	11.5901	0.8	2.6867	2.3	0.2258	2.2	0.94	1312.7	25.8
SYN12-8B-9	116	190899	1.1	11.3042	0.6	2.9079	1.4	0.2384	1.2	0.89	1378.4	14.9
SYN12-8B-21	36	32028	2.4	11.0865	4.4	2.6324	4.8	0.2117	1.9	0.40	1237.7	21.2
SYN12-8B-67	77	129390	1.1	11.0728	0.9	3.1171	1.7	0.2503	1.4	0.86	1440.2	18.4
SYN12-8B-7	88	60533	1.4	11.0723	1.0	2.9743	3.5	0.2388	3.4	0.96	1380.7	41.8
SYN12-8B-91	118	159533	1.0	10.6939	0.6	3.3830	1.7	0.2624	1.6	0.93	1502.0	21.0
SYN12-8B-19	177	133338	1.3	10.6475	0.4	3.4801	9.0	0.2687	9.0	1.00	1534.4	123.1
SYN12-8B-14	137	150561	0.9	10.0820	0.6	3.8670	1.1	0.2828	0.9	0.85	1605.3	12.6
SYN12-8B-90	19	54094	0.8	10.0599	3.9	4.0363	5.7	0.2945	4.2	0.73	1664.0	61.3
SYN12-8B-22	161	283333	4.2	9.9464	0.5	3.9854	3.2	0.2875	3.2	0.99	1629.0	46.1
SYN12-8B-2	59	65152	1.1	9.9411	0.8	4.1016	1.3	0.2957	1.1	0.82	1670.1	16.0
SYN12-8B-28	28	39707	1.9	9.9175	1.1	3.9532	3.3	0.2843	3.1	0.94	1613.2	43.6
SYN12-8B-36	241	481335	2.3	9.9023	0.4	4.0989	1.0	0.2944	0.9	0.92	1663.4	13.4
SYN12-8B-93	35	38750	0.9	9.8544	1.0	4.0899	1.7	0.2923	1.3	0.79	1653.0	19.3
SYN12-8B-27	66	60097	1.3	9.7777	1.4	4.0408	5.7	0.2865	5.5	0.97	1624.3	79.2
SYN12-8B-44	161	64606	1.1	9.7279	0.5	4.2968	3.8	0.3032	3.8	0.99	1707.0	57.2
SYN12-8B-12	75	49308	1.8	9.7163	1.6	4.0377	2.3	0.2845	1.7	0.72	1614.1	24.1
SYN12-8B-97	591	36630	2.0	9.4339	0.1	4.2724	1.7	0.2923	1.7	1.00	1653.1	24.9
SYN12-8B-64	90	106398	1.6	9.3863	0.7	4.5913	1.7	0.3126	1.5	0.91	1753.3	23.6
SYN12-8B-74	284	509949	2.9	9.3235	0.2	4.7327	1.4	0.3200	1.3	0.99	1789.9	21.0
SYN12-8B-6	406	1020191	2.1	9.1597	0.2	4.7205	1.3	0.3136	1.3	0.99	1758.4	19.9
SYN12-8B-58	58	75078	1.3	9.0543	0.8	5.0258	2.6	0.3300	2.5	0.96	1838.5	39.7
SYN12-8B-10	849	1332486	6.1	8.5193	0.1	5.3900	1.6	0.3330	1.6	1.00	1853.1	25.6
SYN12-8B-75	258	557067	2.4	8.0026	0.3	6.3398	1.6	0.3680	1.6	0.98	2019.8	27.3
SYN12-8B-54	166	393386	1.2	6.1742	0.2	10.0183	2.4	0.4486	2.4	1.00	2389.1	48.5
SYN12-8B-5	29	72449	0.8	5.6214	0.7	12.0108	2.3	0.4897	2.2	0.95	2569.3	46.8
SYN12-8B-71	65	287151	1.3	5.4506	0.4	13.1173	1.8	0.5185	1.8	0.97	2693.0	38.7
SYN12-8B-37	10	58272	2.3	5.4420	2.0	12.5993	3.0	0.4973	2.2	0.74	2602.1	47.6
SYN12-8B-53	47	170256	0.5	5.3990	0.5	13.3370	4.1	0.5222	4.1	0.99	2708.7	89.6
SYN12-8B-98	29	99066	0.6	5.3901	0.6	13.9426	1.8	0.5451	1.7	0.95	2804.6	39.1
SYN12-8B-18	73	454883	1.2	5.2630	0.2	13.5991	1.6	0.5191	1.6	0.99	2695.3	35.2
SYN12-8B-45	331	41261	3.2	5.1235	0.7	15.1969	6.1	0.5647	6.0	0.99	2886.0	140.5

TABLE DR1												
Table DR1G U-Pb geochronologic analyses SYN12-10						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)
SYN12-10-11	33	2857	0.9	22.8001	49.0	0.0934	49.6	0.0154	7.4	0.15	98.8	7.3
SYN12-10-4	404	57674	1.5	20.0066	5.9	0.1072	6.0	0.0156	0.9	0.15	99.5	0.9
SYN12-10-109	283	19631	2.2	20.2723	7.0	0.1059	7.1	0.0156	1.3	0.18	99.6	1.3
SYN12-10-56	318	30438	1.1	19.8704	6.4	0.1082	6.8	0.0156	2.4	0.35	99.7	2.4
SYN12-10-3	188	12806	1.8	22.2111	10.5	0.0971	11.1	0.0156	3.5	0.32	100.1	3.5
SYN12-10-23	458	36154	1.8	21.1441	4.5	0.1022	5.0	0.0157	2.2	0.43	100.2	2.2
SYN12-10-70	123	6078	1.8	24.8856	34.6	0.0868	34.7	0.0157	3.1	0.09	100.3	3.0
SYN12-10-41	111	8836	1.0	18.7249	9.3	0.1156	10.2	0.0157	4.2	0.42	100.4	4.2
SYN12-10-24	675	28358	1.0	20.7748	3.1	0.1043	4.4	0.0157	3.1	0.71	100.6	3.1
SYN12-10-83	265	13691	1.5	23.3985	7.3	0.0929	7.5	0.0158	1.8	0.24	100.8	1.8
SYN12-10-66	306	14838	1.4	21.2764	4.6	0.1024	4.9	0.0158	1.7	0.35	101.1	1.7
SYN12-10-80	567	19155	1.5	20.1361	6.0	0.1083	6.5	0.0158	2.3	0.36	101.1	2.3
SYN12-10-103	508	49201	1.2	21.0934	5.8	0.1034	5.9	0.0158	1.1	0.19	101.1	1.1
SYN12-10-64	311	25872	0.6	20.3171	8.1	0.1075	8.4	0.0158	2.3	0.27	101.3	2.3
SYN12-10-71	215	88929	1.9	22.1795	8.2	0.0985	8.4	0.0159	2.0	0.23	101.4	2.0
SYN12-10-89	144	7760	2.5	21.2361	12.6	0.1030	12.8	0.0159	2.0	0.16	101.5	2.0
SYN12-10-25	199	9496	2.0	20.8942	9.9	0.1049	10.2	0.0159	2.5	0.24	101.6	2.5
SYN12-10-58	252	26304	1.7	22.8409	12.5	0.0959	12.7	0.0159	2.4	0.19	101.7	2.4
SYN12-10-119	269	18886	0.8	20.9006	8.2	0.1050	8.5	0.0159	2.2	0.26	101.8	2.2
SYN12-10-63	163	11780	2.8	22.1873	30.4	0.0990	30.6	0.0159	3.4	0.11	101.9	3.5
SYN12-10-34	366	43514	2.8	21.1887	5.0	0.1040	5.9	0.0160	3.2	0.54	102.2	3.2
SYN12-10-117	114	6290	1.3	22.3244	23.5	0.0988	23.9	0.0160	4.1	0.17	102.4	4.2
SYN12-10-14	224	16825	1.4	20.6710	7.4	0.1068	7.7	0.0160	2.2	0.28	102.4	2.2
SYN12-10-40	132	22981	1.9	17.7188	16.0	0.1248	16.7	0.0160	5.0	0.30	102.6	5.1
SYN12-10-73	182	14489	1.8	22.1025	17.5	0.1002	17.6	0.0161	2.1	0.12	102.7	2.2
SYN12-10-55	324	36247	1.9	21.3013	5.7	0.1041	6.3	0.0161	2.8	0.45	102.9	2.9
SYN12-10-85	695	150796	2.2	20.6175	2.4	0.1080	2.7	0.0162	1.3	0.48	103.3	1.3
SYN12-10-2	264	16379	1.7	22.6473	16.9	0.0984	17.0	0.0162	2.2	0.13	103.4	2.3
SYN12-10-07	674	37530	2.6	20.5492	2.7	0.1085	3.0	0.0162	1.3	0.42	103.4	1.3
SYN12-10-18	448	32895	1.5	21.4551	5.3	0.1042	5.8	0.0162	2.5	0.42	103.7	2.5
SYN12-10-95	164	12587	2.1	20.3565	7.5	0.1101	8.4	0.0163	3.6	0.43	104.0	3.7
SYN12-10-76	91	8617	1.0	19.2757	28.6	0.1165	29.1	0.0163	5.6	0.19	104.1	5.7
SYN12-10-44	405	58253	2.0	19.9386	5.6	0.1141	6.1	0.0165	2.5	0.41	105.5	2.7
SYN12-10-75	96	7174	2.3	23.5075	34.2	0.1045	34.4	0.0178	3.6	0.10	113.9	4.0
SYN12-10-61	186	8614	1.6	20.0322	12.3	0.1457	12.9	0.0212	3.9	0.30	135.0	5.2
SYN12-10-28	144	14885	1.4	21.5351	15.5	0.1569	15.9	0.0245	3.7	0.23	156.1	5.7
SYN12-10-13	209	17839	1.2	21.5454	9.0	0.1585	9.7	0.0248	3.6	0.37	157.7	5.6
SYN12-10-47	343	63613	1.1	19.9489	4.4	0.1731	4.7	0.0250	1.5	0.32	159.5	2.4
SYN12-10-97	172	18596	2.1	19.3184	4.3	0.2964	4.7	0.0415	2.0	0.43	262.3	5.2
SYN12-10-50	169	27525	1.8	19.6735	3.3	0.3423	3.8	0.0488	1.9	0.50	307.4	5.8
SYN12-10-93	136	86436	3.2	19.1060	3.0	0.3757	3.2	0.0521	1.3	0.40	327.2	4.2
SYN12-10-36	173	70623	1.7	18.4716	3.2	0.4327	3.6	0.0580	1.7	0.47	363.2	6.0

TABLE DR1												
SYN12-10-33	76	19438	0.6	19.0399	7.2	0.4563	9.0	0.0630	5.3	0.59	393.9	20.3
SYN12-10-91	26	8998	1.1	17.7355	19.3	0.6240	19.5	0.0803	2.8	0.15	497.7	13.6
SYN12-10-116	42	14493	1.6	17.6821	9.7	0.7029	9.9	0.0901	2.1	0.21	556.4	11.1
SYN12-10-98	205	149515	0.8	16.6685	1.3	0.8033	1.9	0.0971	1.4	0.74	597.5	7.9
SYN12-10-78	176	97433	2.5	16.4153	1.2	0.8331	1.7	0.0992	1.1	0.68	609.7	6.6
SYN12-10-52	159	43618	2.0	16.6889	2.3	0.8195	2.8	0.0992	1.5	0.54	609.7	8.8
SYN12-10-86	168	9948	2.2	16.5639	2.4	0.8702	5.3	0.1045	4.7	0.89	641.0	28.4
SYN12-10-99	62	8649	1.4	15.9554	4.3	0.9220	4.6	0.1067	1.6	0.34	653.5	9.7
SYN12-10-60	100	36996	1.9	15.9374	2.0	0.9967	2.5	0.1152	1.4	0.58	702.9	9.6
SYN12-10-102	58	37593	1.6	14.3148	2.2	1.5358	3.0	0.1594	2.0	0.68	953.7	17.9
SYN12-10-107	101	102443	1.8	14.0778	1.2	1.5456	1.7	0.1578	1.3	0.73	944.6	11.1
SYN12-10-96	95	60862	1.0	13.8389	1.9	1.6289	2.1	0.1635	1.0	0.45	976.1	8.8
SYN12-10-31	84	46868	2.8	13.7966	1.8	1.7344	2.6	0.1735	1.8	0.70	1031.6	17.1
SYN12-10-17	50	88044	1.9	13.7361	2.8	1.7528	3.7	0.1746	2.4	0.64	1037.5	22.7
SYN12-10-49	67	66115	2.9	13.7062	1.7	1.7018	1.9	0.1692	0.9	0.46	1007.6	8.3
SYN12-10-118	83	200071	1.4	13.6165	1.4	1.7852	2.1	0.1763	1.6	0.76	1046.7	15.2
SYN12-10-29	117	95082	2.8	13.5439	0.9	1.7402	2.4	0.1709	2.2	0.92	1017.3	21.0
SYN12-10-32	206	125624	1.2	13.4337	0.6	1.7474	1.8	0.1702	1.7	0.95	1013.5	15.7
SYN12-10-1	71	12108	0.6	13.3310	2.5	1.8461	3.8	0.1785	2.8	0.75	1058.7	27.8
SYN12-10-105	145	161865	1.9	13.3096	1.2	1.8807	1.7	0.1815	1.2	0.72	1075.4	11.8
SYN12-10-38	200	104872	5.2	13.3000	0.8	1.8791	2.0	0.1813	1.8	0.92	1073.8	17.8
SYN12-10-112	64	44741	1.6	13.2300	1.1	1.9104	2.0	0.1833	1.7	0.83	1085.0	16.6
SYN12-10-15	81	132568	0.7	13.1371	1.0	1.9464	1.8	0.1855	1.5	0.83	1096.7	15.0
SYN12-10-35	513	533463	2.3	12.8701	0.4	2.0583	1.7	0.1921	1.6	0.96	1132.9	16.5
SYN12-10-69	96	71066	1.4	12.3530	1.4	2.2500	4.2	0.2016	4.0	0.94	1183.8	42.8
SYN12-10-30	105	91099	2.2	12.3516	1.2	2.3133	1.9	0.2072	1.5	0.79	1214.1	17.0
SYN12-10-57	20	35059	1.4	12.2324	4.6	2.4551	5.7	0.2178	3.3	0.59	1270.3	38.6
SYN12-10-90	248	231079	1.4	11.9148	0.5	2.5938	1.7	0.2241	1.6	0.96	1303.7	19.2
SYN12-10-39	89	27478	1.9	11.3753	1.4	3.0384	3.8	0.2507	3.6	0.94	1442.0	46.2
SYN12-10-88	237	275789	34.5	10.8930	0.2	3.1895	1.8	0.2520	1.7	0.99	1448.7	22.6
SYN12-10-79	68	76126	1.7	10.7203	1.6	3.3521	2.2	0.2606	1.5	0.67	1493.1	19.6
SYN12-10-19	105	131833	0.7	10.7180	0.9	3.3431	1.8	0.2599	1.6	0.88	1489.2	21.2
SYN12-10-59	239	330139	1.8	10.6610	0.4	3.3925	1.6	0.2623	1.5	0.97	1501.7	20.1
SYN12-10-72	167	364508	2.6	10.0041	0.6	3.8933	2.6	0.2825	2.5	0.97	1603.9	35.6
SYN12-10-51	23	43420	0.6	9.9538	2.7	4.1047	3.9	0.2963	2.8	0.72	1673.0	41.2
SYN12-10-48	87	178892	1.2	9.8765	0.9	4.0767	2.0	0.2920	1.8	0.89	1651.6	25.6
SYN12-10-65	392	864346	0.5	9.8710	0.1	4.1041	1.1	0.2938	1.1	0.99	1660.6	15.9
SYN12-10-87	145	186727	0.7	9.8654	0.6	3.9934	2.2	0.2857	2.1	0.96	1620.1	29.9
SYN12-10-06	81	102653	1.3	9.8487	1.0	4.1259	1.9	0.2947	1.6	0.84	1665.0	22.8
SYN12-10-84	67	56172	1.2	9.6443	1.1	4.2835	2.6	0.2996	2.3	0.90	1689.4	34.5
SYN12-10-12	61	62593	1.1	9.6395	0.7	4.2453	1.7	0.2968	1.6	0.91	1675.4	23.1
SYN12-10-111	22	55195	0.7	9.6228	2.3	4.2536	2.8	0.2969	1.6	0.58	1675.8	23.9
SYN12-10-101	61	124028	3.1	9.5639	1.0	4.3955	1.7	0.3049	1.4	0.82	1715.5	20.6
SYN12-10-114	77	312680	1.1	9.5311	0.8	4.4475	1.7	0.3074	1.5	0.88	1728.1	22.8
SYN12-10-94	22	63704	3.0	9.2698	2.8	4.7160	3.5	0.3171	2.1	0.60	1775.4	33.0
SYN12-10-45	210	105609	0.9	9.2061	0.3	4.0244	2.3	0.2687	2.3	0.99	1534.2	31.7

TABLE DR1												
SYN12-10-54	244	431522	2.8	9.1690	0.2	4.7718	1.0	0.3173	0.9	0.97	1776.7	14.3
SYN12-10-62	166	275724	2.2	9.1549	0.4	4.8358	1.4	0.3211	1.4	0.97	1795.0	21.7
SYN12-10-26	77	115047	1.7	9.1431	0.8	4.7509	1.6	0.3150	1.5	0.89	1765.4	22.6
SYN12-10-77	146	100828	2.4	8.8699	0.4	5.1458	1.3	0.3310	1.2	0.95	1843.4	19.6
SYN12-10-68	36	106259	1.3	8.8282	0.9	5.1544	1.3	0.3300	0.9	0.70	1838.5	14.4
SYN12-10-82	96	112478	0.5	8.8232	0.6	5.0655	2.5	0.3242	2.5	0.98	1810.0	38.7
SYN12-10-37	26	26835	0.6	8.8076	1.6	5.1422	2.7	0.3285	2.2	0.81	1831.0	35.3
SYN12-10-92	92	154989	0.8	8.7939	0.6	5.2646	2.0	0.3358	1.9	0.96	1866.3	31.5
SYN12-10-08	102	405587	2.3	8.7175	0.7	5.3800	3.1	0.3401	3.0	0.98	1887.4	48.7
SYN12-10-67	78	129380	2.0	8.6390	1.9	5.1320	6.4	0.3215	6.1	0.95	1797.3	95.5
SYN12-10-43	256	238616	1.7	8.5239	0.1	5.3524	1.7	0.3309	1.7	1.00	1842.7	27.2
SYN12-10-74	59	78165	0.9	8.4451	0.7	5.6895	1.8	0.3485	1.7	0.92	1927.4	28.0
SYN12-10-115	164	276040	1.0	7.9669	0.4	6.3336	1.2	0.3660	1.1	0.95	2010.4	19.8
SYN12-10-27	25	54041	1.0	7.6185	1.1	7.0021	1.8	0.3869	1.4	0.81	2108.4	26.1
SYN12-10-106	40	78015	3.8	6.9559	5.2	8.5225	6.0	0.4300	3.0	0.50	2305.5	58.6
SYN12-10-09	176	384059	1.3	6.7578	0.2	8.9646	1.4	0.4394	1.4	0.99	2347.9	26.6
SYN12-10-5	33	71823	1.2	6.0039	0.5	11.1292	1.2	0.4846	1.1	0.91	2547.3	22.9
SYN12-10-53	143	130803	1.0	5.4870	0.2	11.8789	1.4	0.4727	1.4	0.99	2495.5	29.2
SYN12-10-20	74	228873	1.0	5.4118	0.4	13.3283	3.5	0.5231	3.5	0.99	2712.5	77.1
SYN12-10-113	107	219086	1.5	5.3541	0.2	13.4899	2.0	0.5238	2.0	0.99	2715.4	43.7
SYN12-10-21	116	286732	1.0	5.2294	0.3	13.9007	1.8	0.5272	1.8	0.99	2729.7	39.5
SYN12-10-120	86	194830	0.8	5.2063	0.2	14.5583	1.4	0.5497	1.4	0.99	2824.0	30.9
SYN12-10-108	51	206840	1.2	4.5210	0.2	18.1410	0.9	0.5948	0.9	0.97	3009.0	21.2

Table DR1H U-Pb geochronologic analyses SYN12-11A												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
SYN11A-93	150	831	1.2	16.5146	8.9	0.1239	10.3	0.0148	5.1	0.50	94.9	4.8
SYN11A-87	60	2670	1.5	19.2523	21.0	0.1069	22.1	0.0149	6.9	0.31	95.5	6.5
SYN11A-86	183	7020	1.1	23.5714	16.8	0.0894	17.0	0.0153	2.6	0.15	97.8	2.5
unknown SYN11	527	39874	1.2	19.7793	4.4	0.1069	4.7	0.0153	1.5	0.32	98.1	1.4
SYN11A-90	157	16623	1.5	18.6168	12.2	0.1139	12.4	0.0154	2.3	0.19	98.4	2.2
SYN11A-46	199	15495	1.6	20.3757	10.3	0.1041	10.5	0.0154	2.0	0.19	98.4	2.0
SYN11A-98	187	12837	1.2	17.4817	24.4	0.1217	24.8	0.0154	4.2	0.17	98.7	4.1
SYN11A-40	252	34996	1.2	20.8536	6.1	0.1025	6.4	0.0155	2.0	0.31	99.2	2.0
SYN11A-41	1218	30553	2.6	20.4811	2.2	0.1044	3.0	0.0155	2.0	0.68	99.2	2.0
SYN11A-14	509	69796	1.6	21.4788	7.1	0.0996	7.4	0.0155	2.3	0.30	99.3	2.2
SYN11A-15	275	20171	1.0	21.9139	6.5	0.0976	6.8	0.0155	2.0	0.30	99.3	2.0
SYN11A-85	190	10639	1.1	20.3453	15.4	0.1055	15.5	0.0156	1.9	0.12	99.6	1.9
SYN11A-84	234	11611	1.4	22.0988	6.8	0.0972	7.7	0.0156	3.6	0.47	99.7	3.6
SYN11A-39	286	38226	1.1	21.6402	7.7	0.0993	8.2	0.0156	2.9	0.35	99.7	2.8
SYN11A-9	372	18546	1.5	21.9153	7.1	0.0983	7.7	0.0156	3.0	0.39	99.9	3.0
SYN11A-89	146	22409	1.4	23.2229	16.7	0.0928	16.9	0.0156	2.7	0.16	100.0	2.7
SYN11A-57	312	24990	1.5	20.7732	8.8	0.1038	9.4	0.0156	3.2	0.34	100.0	3.2
SYN11A-82	144	7810	1.6	19.9690	20.4	0.1080	20.9	0.0156	4.5	0.22	100.1	4.5
SYN11A-83	227	16887	2.9	22.8089	10.2	0.0946	10.6	0.0157	2.7	0.26	100.1	2.7

TABLE DR1												
SYN11A-36	401	44859	1.6	21.1477	4.8	0.1021	5.3	0.0157	2.2	0.42	100.2	2.2
SYN11A-30	294	19508	3.0	21.3006	9.8	0.1014	10.1	0.0157	2.4	0.23	100.2	2.4
SYN11A-78	431	26669	1.0	20.8712	6.3	0.1035	6.3	0.0157	0.8	0.13	100.2	0.8
SYN11A-76	304	19894	1.3	21.0403	6.8	0.1031	7.5	0.0157	3.1	0.42	100.6	3.1
SYN11A-71	399	34298	1.6	21.6106	7.0	0.1004	7.2	0.0157	1.8	0.25	100.6	1.8
SYN11A-35	1503	105485	3.2	20.9031	1.1	0.1041	1.7	0.0158	1.3	0.76	100.9	1.3
SYN11A-11	406	34768	1.2	20.4408	6.2	0.1064	6.7	0.0158	2.7	0.40	100.9	2.7
SYN11A-68	334	20870	1.6	19.7320	3.7	0.1105	4.6	0.0158	2.7	0.58	101.1	2.7
SYN11A-60	374	42596	1.3	22.0942	7.7	0.0987	8.1	0.0158	2.4	0.29	101.1	2.4
SYN11A-79	787	43154	2.3	21.1535	3.8	0.1031	4.2	0.0158	1.9	0.44	101.2	1.9
SYN11A-18	88	6351	1.5	19.9482	18.1	0.1093	18.6	0.0158	4.4	0.24	101.2	4.4
SYN11A-16	230	15137	1.3	18.8356	17.2	0.1160	17.3	0.0158	1.1	0.07	101.3	1.1
SYN11A-59	722	88325	1.2	21.1101	1.9	0.1036	2.9	0.0159	2.3	0.77	101.4	2.3
SYN11A-53	222	24486	1.3	21.5344	9.3	0.1016	9.5	0.0159	2.1	0.22	101.5	2.1
SYN11A-20	132	16425	2.3	23.1833	13.2	0.0944	13.7	0.0159	3.9	0.28	101.5	3.9
SYN11A-80	226	11843	1.5	23.8767	11.3	0.0917	11.4	0.0159	1.6	0.14	101.6	1.6
SYN11A-19	366	18091	1.6	20.1338	4.9	0.1088	5.5	0.0159	2.6	0.46	101.6	2.6
SYN11A-38	172	17294	2.4	22.1217	13.8	0.0991	14.1	0.0159	2.6	0.18	101.7	2.6
SYN11A-31	181	10261	2.0	21.2232	12.4	0.1033	12.7	0.0159	3.0	0.24	101.7	3.0
SYN11A-23	168	21005	1.6	27.3151	17.0	0.0805	17.2	0.0159	2.8	0.16	101.9	2.8
SYN11A-26	307	43479	0.8	21.3283	9.7	0.1031	9.9	0.0159	2.1	0.21	102.0	2.1
SYN11A-94	320	43847	1.3	21.7283	9.2	0.1012	9.4	0.0160	1.8	0.19	102.0	1.8
SYN11A-37	795	89858	1.5	20.5338	2.8	0.1073	3.7	0.0160	2.4	0.65	102.2	2.4
SYN11A-48	203	25454	1.2	20.9948	14.9	0.1049	15.3	0.0160	3.5	0.23	102.2	3.6
SYN11A-99	284	21992	1.5	20.9881	4.8	0.1050	5.8	0.0160	3.2	0.55	102.2	3.2
SYN11A-28	435	55924	0.9	19.6329	3.6	0.1126	4.1	0.0160	1.9	0.46	102.5	1.9
SYN11A-52	469	30204	1.2	20.9011	3.6	0.1058	3.9	0.0160	1.5	0.37	102.5	1.5
SYN11A-44	591	42709	1.4	21.2313	4.4	0.1045	4.9	0.0161	2.1	0.42	102.9	2.1
SYN11A-51	761	80531	1.9	20.4508	3.6	0.1085	4.1	0.0161	2.0	0.49	102.9	2.1
SYN11A-24	154	8175	2.1	22.4595	22.5	0.0989	22.8	0.0161	3.8	0.17	103.0	3.9
SYN11A-63	94	13680	1.9	21.5582	21.5	0.1032	22.0	0.0161	4.8	0.22	103.2	4.9
SYN11A-47	318	21830	1.1	20.7501	5.4	0.1072	5.7	0.0161	2.1	0.36	103.2	2.1
SYN11A-42	614	32063	2.5	20.5679	5.2	0.1082	5.4	0.0161	1.2	0.22	103.2	1.2
SYN11A-92	142	6822	1.5	22.5410	19.1	0.0988	19.4	0.0162	3.6	0.18	103.3	3.7
SYN11A-100	361	29952	1.4	21.7257	7.5	0.1026	7.9	0.0162	2.7	0.34	103.4	2.7
SYN11A-3	622	36681	2.4	20.7517	3.8	0.1075	4.5	0.0162	2.3	0.51	103.5	2.4
SYN11A-54	71	19453	1.7	17.1536	14.8	0.1301	17.0	0.0162	8.3	0.49	103.5	8.5
SYN11A-33	579	33678	1.3	20.6021	3.9	0.1084	4.5	0.0162	2.3	0.51	103.6	2.3
SYN11A-75	291	24517	2.0	19.6854	7.5	0.1135	8.2	0.0162	3.4	0.41	103.6	3.5
SYN11A-1	136	11810	2.5	22.5202	16.9	0.0993	17.1	0.0162	2.4	0.14	103.7	2.4
SYN11A-66	331	19144	1.4	20.6771	6.3	0.1082	6.6	0.0162	2.0	0.30	103.8	2.0
SYN11A-10	143	20656	1.2	19.3660	14.1	0.1156	14.2	0.0162	1.8	0.12	103.9	1.8
SYN11A-12	288	22739	9.4	20.9565	7.7	0.1069	8.2	0.0163	3.0	0.36	103.9	3.1
SYN11A-97	266	13716	1.4	20.7325	4.0	0.1081	5.0	0.0163	3.0	0.60	103.9	3.1
SYN11A-50	311	21767	1.6	20.3315	6.6	0.1103	7.1	0.0163	2.6	0.36	104.0	2.6
SYN11A-55	668	33954	1.1	20.9198	3.8	0.1074	5.0	0.0163	3.2	0.65	104.2	3.3

TABLE DR1												
SYN11A-34	282	21377	3.3	20.9153	7.0	0.1078	7.6	0.0164	2.8	0.37	104.6	2.9
SYN11A-65	458	27670	1.7	20.8088	4.6	0.1092	4.9	0.0165	1.7	0.34	105.3	1.7
SYN11A-7	236	13966	1.3	20.2011	8.6	0.1131	9.3	0.0166	3.3	0.36	106.0	3.5
SYN11A-4	157	11460	1.2	20.4184	15.8	0.1120	16.2	0.0166	3.4	0.21	106.1	3.6
SYN11A-96	590	13679	2.1	20.2472	3.2	0.1137	3.9	0.0167	2.1	0.55	106.7	2.2
SYN11A-22	95	6932	1.7	21.5328	21.5	0.1094	21.8	0.0171	3.1	0.14	109.2	3.4
SYN11A-27	162	2142	2.0	18.8735	14.6	0.1275	15.3	0.0175	4.5	0.29	111.5	5.0
SYN11A-73	151	20812	2.2	21.5645	14.9	0.1148	15.0	0.0180	2.2	0.14	114.8	2.5
SYN11A-6	207	18113	0.8	21.1396	7.7	0.1626	8.3	0.0249	3.2	0.38	158.8	4.9
SYN11A-81	178	24482	0.8	19.5648	6.7	0.1767	7.0	0.0251	1.9	0.27	159.6	2.9
SYN11A-43	376	48265	1.9	19.8035	5.1	0.1843	5.3	0.0265	1.4	0.26	168.4	2.3
SYN11A-5	455	60591	2.4	20.4097	2.7	0.1810	2.8	0.0268	1.0	0.36	170.5	1.7
SYN11A-8	54	9562	1.2	21.2471	17.0	0.2570	17.3	0.0396	2.9	0.17	250.4	7.2
SYN11A-49	203	119468	1.0	18.8238	4.1	0.3892	4.9	0.0531	2.6	0.53	333.7	8.4
SYN11A-70	211	99720	1.2	17.8876	1.2	0.5484	2.8	0.0711	2.5	0.91	443.1	10.8
SYN11A-13	116	53354	0.9	16.9096	2.6	0.7892	3.0	0.0968	1.6	0.51	595.6	8.8
SYN11A-69	45	19289	1.2	13.4803	5.9	1.7527	6.9	0.1714	3.6	0.52	1019.6	33.6
SYN11A-77	79	49354	2.1	12.7946	2.5	2.0965	2.7	0.1945	1.2	0.42	1145.9	12.2
SYN11A-25	63	74119	0.9	11.0338	1.2	3.1867	2.2	0.2550	1.8	0.83	1464.3	24.0
SYN11A-62	219	232297	2.1	9.8572	0.4	4.0153	1.7	0.2871	1.6	0.97	1626.8	23.5
SYN11A-2	214	450422	1.2	9.3835	0.3	4.7175	0.6	0.3211	0.5	0.90	1794.9	8.4
SYN11A-17	99	196509	2.4	9.1949	0.8	4.7842	2.2	0.3190	2.1	0.94	1785.1	32.2
SYN11A-88	17	29757	0.7	8.7427	3.2	5.1929	3.4	0.3293	1.1	0.32	1834.8	17.2
SYN11A-21	131	209934	1.1	8.6879	0.4	5.4274	1.8	0.3420	1.8	0.98	1896.2	29.6
SYN11A-61	169	344177	1.5	8.4903	0.4	5.8241	1.1	0.3586	1.0	0.94	1975.7	17.5

Table Dr1I U-Pb geochronologic analyses SYN12-12												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
SYN12-12-04	132	9271	1.7	21.9333	25.9	0.0961	26.2	0.0153	3.7	0.14	97.8	3.5
SYN12-12-90	80	5354	1.9	29.5287	34.1	0.0719	35.4	0.0154	9.6	0.27	98.5	9.4
SYN12-12-03	113	8304	1.8	20.1119	31.1	0.1056	31.2	0.0154	2.7	0.09	98.6	2.7
SYN12-12-64	315	23077	2.5	21.0293	4.0	0.1019	4.8	0.0155	2.7	0.55	99.4	2.6
SYN12-12-36	101	4678	1.6	27.4513	28.9	0.0781	29.0	0.0156	2.3	0.08	99.5	2.2
SYN12-12-23	142	17890	2.3	21.8383	15.6	0.0988	15.7	0.0156	1.9	0.12	100.1	1.9
SYN12-12-02	196	17929	1.4	19.5653	9.2	0.1103	10.2	0.0157	4.5	0.44	100.1	4.4
SYN12-12-20	233	23060	2.4	20.5575	13.0	0.1051	13.1	0.0157	1.4	0.11	100.3	1.4
SYN12-12-31	407	36100	1.7	20.3467	3.7	0.1063	4.2	0.0157	2.0	0.48	100.3	2.0
SYN12-12-68	271	19686	1.3	21.7913	10.1	0.0995	10.4	0.0157	2.5	0.24	100.6	2.5
SYN12-12-47	157	16317	1.8	21.7353	15.3	0.0999	15.6	0.0157	3.4	0.22	100.7	3.4
SYN12-12-113	156	7587	2.0	21.1633	16.1	0.1028	17.1	0.0158	5.8	0.34	100.9	5.8
SYN12-12-53	181	11902	2.3	20.9772	16.4	0.1037	16.5	0.0158	2.0	0.12	100.9	2.0
SYN12-12-62	131	13966	2.1	21.4433	15.9	0.1015	16.2	0.0158	3.1	0.19	100.9	3.1
SYN12-12-72	190	18872	2.2	21.2026	9.5	0.1030	9.8	0.0158	2.2	0.22	101.3	2.2
SYN12-12-58	91	4313	1.4	23.3225	24.2	0.0938	24.4	0.0159	3.3	0.13	101.5	3.3
SYN12-12-11	178	15043	1.9	24.6254	12.8	0.0889	12.9	0.0159	1.3	0.10	101.6	1.3

TABLE DR1												
SYN12-12-27	178	21195	1.8	21.5784	8.0	0.1016	8.2	0.0159	1.9	0.23	101.7	1.9
SYN12-12-16	100	9711	0.6	22.1507	14.1	0.0992	14.6	0.0159	3.7	0.25	101.9	3.7
SYN12-12-13	217	19035	2.2	21.6959	11.7	0.1012	12.1	0.0159	3.1	0.26	101.9	3.2
SYN12-12-43	368	18215	1.5	22.1208	8.8	0.0994	9.0	0.0159	1.9	0.21	102.0	1.9
SYN12-12-37	319	23959	2.0	20.9398	11.9	0.1051	12.0	0.0160	1.6	0.13	102.1	1.6
SYN12-12-115	506	83620	3.0	20.8269	1.6	0.1061	2.4	0.0160	1.7	0.72	102.5	1.7
SYN12-12-71	358	25443	1.4	20.5707	5.5	0.1075	6.3	0.0160	3.2	0.50	102.6	3.2
SYN12-12-59	210	25113	1.8	19.8003	10.7	0.1124	10.8	0.0161	1.9	0.18	103.2	2.0
SYN12-12-51	138	16435	0.8	21.7486	15.1	0.1029	15.8	0.0162	4.4	0.28	103.8	4.6
SYN12-12-09	154	16520	2.1	21.8125	12.6	0.1031	13.1	0.0163	3.4	0.26	104.3	3.5
SYN12-12-80	141	14426	1.6	22.2612	11.1	0.1011	11.3	0.0163	2.0	0.18	104.3	2.1
SYN12-12-26	272	25337	1.8	20.5680	9.0	0.1094	10.8	0.0163	5.9	0.55	104.4	6.1
SYN12-12-69	298	48409	2.1	12.2490	6.0	0.2885	9.6	0.0256	7.5	0.78	163.1	12.1
SYN12-12-81	460	153680	14.9	18.3488	1.0	0.4855	1.2	0.0646	0.6	0.55	403.6	2.5
SYN12-12-01	117	39084	1.8	18.6653	6.4	0.4796	6.5	0.0649	1.3	0.19	405.5	4.9
SYN12-12-08	87	24807	2.6	17.9874	3.6	0.5178	3.9	0.0675	1.3	0.34	421.4	5.3
SYN12-12-15	77	52031	1.1	17.5500	7.5	0.5733	7.7	0.0730	1.6	0.21	454.0	7.1
SYN12-12-119	89	24132	2.4	17.7041	4.4	0.5848	4.7	0.0751	1.7	0.37	466.8	7.8
SYN12-12-70	99	47219	0.5	17.6889	3.9	0.6979	4.0	0.0895	0.9	0.23	552.8	4.9
SYN12-12-98	38	17697	2.1	17.1060	6.0	0.7524	6.5	0.0933	2.4	0.38	575.3	13.4
SYN12-12-118	74	55665	2.0	16.8019	3.9	0.8147	4.2	0.0993	1.6	0.39	610.2	9.6
SYN12-12-21	132	55782	1.6	14.7005	1.2	1.3293	6.2	0.1417	6.1	0.98	854.4	48.7
SYN12-12-82	112	187058	2.7	13.8042	1.0	1.6793	1.9	0.1681	1.6	0.85	1001.8	14.7
SYN12-12-83	66	51017	2.5	13.7572	1.0	1.7427	1.5	0.1739	1.1	0.71	1033.5	10.0
SYN12-12-114	155	170579	2.0	13.5656	1.2	1.7453	1.6	0.1717	1.1	0.67	1021.6	10.0
SYN12-12-75	199	451019	2.2	13.3208	0.9	1.8757	1.0	0.1812	0.5	0.49	1073.6	5.0
SYN12-12-74	23	36925	1.3	13.2987	8.1	1.8797	8.8	0.1813	3.5	0.40	1074.1	34.6
SYN12-12-78	82	115178	1.1	13.2774	1.5	1.9042	1.8	0.1834	1.0	0.57	1085.3	10.5
SYN12-12-34	249	188746	2.0	13.2291	0.5	1.8926	0.9	0.1816	0.8	0.86	1075.6	7.8
SYN12-12-95	32	27851	1.1	13.1816	4.1	1.8687	4.6	0.1786	2.0	0.44	1059.6	19.9
SYN12-12-101	31	44453	1.3	13.1364	4.7	1.9082	5.1	0.1818	1.8	0.36	1076.8	17.9
SYN12-12-117	36	40737	1.2	13.1097	3.1	1.9715	3.9	0.1874	2.4	0.61	1107.5	24.3
SYN12-12-40	185	138008	2.3	12.9029	0.8	2.0395	1.3	0.1909	1.1	0.81	1126.0	10.9
SYN12-12-97	48	37813	1.1	12.8139	1.8	2.0333	2.4	0.1890	1.6	0.66	1115.8	16.2
SYN12-12-105	43	72902	1.9	12.1566	2.5	2.4863	2.8	0.2192	1.4	0.48	1277.7	15.8
SYN12-12-29	121	174968	1.8	11.7293	0.7	2.7000	1.1	0.2297	0.8	0.74	1332.9	9.8
SYN12-12-55	168	180827	2.0	11.7195	0.5	2.6996	1.4	0.2295	1.3	0.93	1331.7	16.1
SYN12-12-88	22	37119	1.8	11.2692	5.1	2.9941	5.4	0.2447	1.9	0.35	1411.2	23.9
SYN12-12-60	50	45453	2.1	11.1008	2.0	3.0793	2.4	0.2479	1.2	0.50	1427.7	15.1
SYN12-12-57	117	122237	1.7	11.0393	0.8	3.1330	2.3	0.2508	2.2	0.93	1442.8	28.2
SYN12-12-41	78	60796	1.6	10.9642	1.3	3.1061	1.6	0.2470	0.9	0.56	1422.9	11.4
SYN12-12-25	179	213550	2.0	10.9237	0.4	3.2564	1.7	0.2580	1.6	0.97	1479.5	21.3
SYN12-12-107	27	33412	0.8	10.5409	3.3	3.6268	4.5	0.2773	3.1	0.69	1577.6	43.8
SYN12-12-116	49	42075	1.2	10.2604	1.3	3.6714	2.5	0.2732	2.1	0.85	1557.1	29.7
SYN12-12-87	41	68623	2.7	9.9919	1.5	4.0218	2.3	0.2915	1.8	0.78	1648.8	26.4
SYN12-12-05	147	280495	0.7	9.8863	0.6	3.9061	2.5	0.2801	2.4	0.97	1591.8	33.7

TABLE DR1												
SYN12-12-85	90	136307	0.9	9.8655	0.5	4.1702	1.3	0.2984	1.2	0.93	1683.3	17.8
SYN12-12-99	69	104553	1.5	9.8565	1.6	4.1342	1.8	0.2955	0.8	0.44	1669.1	11.6
SYN12-12-110	43	46830	1.1	9.7280	1.3	4.2783	1.8	0.3019	1.3	0.72	1700.5	19.9
SYN12-12-63	121	154788	2.2	9.5344	0.4	4.4143	2.9	0.3053	2.8	0.99	1717.3	42.8
SYN12-12-22	32	48941	0.9	9.4960	0.9	4.3265	1.6	0.2980	1.3	0.80	1681.2	18.6
SYN12-12-77	31	69771	3.9	9.3747	1.2	4.5621	2.5	0.3102	2.2	0.87	1741.6	33.5
SYN12-12-32	43	61110	2.2	9.3506	0.5	4.7436	2.0	0.3217	2.0	0.97	1798.0	31.1
SYN12-12-89	164	184212	1.5	9.2477	0.3	4.7612	1.7	0.3193	1.7	0.98	1786.5	26.1
SYN12-12-65	156	278693	2.0	9.2148	0.2	4.7448	0.6	0.3171	0.6	0.94	1775.6	8.9
SYN12-12-44	226	477235	2.7	9.1511	0.2	4.8594	1.8	0.3225	1.8	0.99	1802.0	28.5
SYN12-12-108	204	462772	2.7	9.1470	0.4	4.8534	0.9	0.3220	0.8	0.89	1799.4	12.7
SYN12-12-96	160	183096	3.0	9.1177	0.4	4.9646	1.1	0.3283	1.1	0.94	1830.1	16.9
SYN12-12-49	67	111720	1.2	9.0852	0.7	4.9550	1.2	0.3265	1.0	0.79	1821.4	15.2
SYN12-12-33	237	347725	2.5	9.0545	0.2	4.9381	0.8	0.3243	0.8	0.98	1810.6	12.5
SYN12-12-67	53	65806	0.6	8.9454	0.9	5.1156	1.4	0.3319	1.1	0.76	1847.5	17.8
SYN12-12-17	56	86611	1.0	8.9428	0.6	5.0737	1.6	0.3291	1.5	0.92	1833.9	23.5
SYN12-12-46	102	278142	0.7	8.9164	0.7	5.1004	1.2	0.3298	1.0	0.83	1837.6	16.1
SYN12-12-100	124	251405	1.5	8.8802	0.6	5.2141	1.7	0.3358	1.5	0.92	1866.5	24.8
SYN12-12-12	157	189050	1.0	8.8681	0.3	5.0884	0.8	0.3273	0.8	0.91	1825.2	12.1
SYN12-12-103	31	77255	1.3	8.8535	1.1	5.2424	1.9	0.3366	1.5	0.80	1870.4	24.0
SYN12-12-10	173	277124	1.4	8.8444	0.2	5.1974	1.4	0.3334	1.4	0.99	1854.8	22.6
SYN12-12-61	114	267178	2.2	8.8392	0.3	5.2471	1.0	0.3364	1.0	0.96	1869.2	15.7
SYN12-12-50	36	70045	1.5	8.8352	0.7	5.1892	1.3	0.3325	1.1	0.84	1850.6	17.9
SYN12-12-93	37	147552	0.4	8.8077	1.2	5.2725	2.5	0.3368	2.1	0.87	1871.3	34.5
SYN12-12-07	90	185464	2.2	8.7418	0.4	5.4028	2.3	0.3425	2.2	0.98	1898.9	36.5
SYN12-12-86	49	125498	0.8	8.7364	1.1	5.4375	2.1	0.3445	1.8	0.85	1908.4	29.2
SYN12-12-112	27	30130	0.9	8.7169	2.1	5.2795	2.4	0.3338	1.2	0.48	1856.7	18.6
SYN12-12-35	206	50685	1.7	8.7099	0.3	4.7990	4.6	0.3032	4.6	1.00	1706.9	68.7
SYN12-12-54	174	268163	1.3	8.6410	0.3	5.4982	0.7	0.3446	0.6	0.88	1908.6	10.1
SYN12-12-18	48	85472	1.5	8.4258	0.9	5.6386	1.4	0.3446	1.1	0.77	1908.6	17.7
SYN12-12-56	60	54211	0.6	8.4221	1.2	5.8229	1.8	0.3557	1.3	0.75	1961.7	22.4
SYN12-12-39	78	137209	1.3	8.2818	0.4	5.8491	1.7	0.3513	1.7	0.97	1940.9	28.3
SYN12-12-104	201	171740	2.8	7.8752	0.3	6.5577	1.8	0.3745	1.8	0.98	2050.8	32.0
SYN12-12-94	102	258781	2.1	7.7904	0.5	6.7341	2.1	0.3805	2.1	0.97	2078.5	36.5
SYN12-12-14	58	98145	1.5	6.9823	0.7	7.8427	2.5	0.3972	2.4	0.96	2155.9	43.3
SYN12-12-109	109	269303	1.3	6.0519	0.1	10.9714	1.5	0.4816	1.5	1.00	2534.1	31.9
SYN12-12-111	7	22020	2.1	5.6059	2.7	11.5820	4.2	0.4709	3.3	0.77	2487.5	67.2
SYN12-12-45	62	157514	1.3	5.4530	0.2	13.0499	1.2	0.5161	1.1	0.99	2682.7	25.1
SYN12-12-06	75	20832	0.8	5.3955	0.3	12.5504	2.1	0.4911	2.1	0.99	2575.5	44.1
SYN12-12-91	43	159827	1.0	5.3622	0.4	13.7755	1.0	0.5357	0.9	0.93	2765.6	20.4
SYN12-12-84	20	32105	0.6	5.3124	1.1	13.8402	1.6	0.5333	1.1	0.71	2755.1	24.8
SYN12-12-73	34	106761	0.8	5.3107	0.3	13.6604	0.7	0.5262	0.6	0.90	2725.2	13.1
SYN12-12-48	41	135040	0.9	5.2900	0.3	13.9258	1.0	0.5343	0.9	0.94	2759.5	21.1
SYN12-12-42	77	76102	1.7	5.2671	0.3	12.8726	1.4	0.4917	1.3	0.98	2578.2	28.2
SYN12-12-52	36	66543	1.0	5.2345	1.0	13.9214	2.3	0.5285	2.0	0.90	2735.2	45.6
SYN12-12-120	101	323429	4.8	3.9549	1.3	21.5729	1.5	0.6188	0.8	0.53	3105.1	19.8

TABLE DR1												
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Table DR1J U-Pb geochronologic analyses SYN12-13												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
SYN12-13R-39	143	4093	1.5	16.5410	38.2	0.1226	39.3	0.0147	9.2	0.23	94.1	8.6
SYN12-13R-19	63	9463	1.9	-17.1148	323.2	-0.1198	323.3	0.0149	5.4	0.02	95.2	5.1
SYN12-13R-55	132	7514	1.2	25.5769	38.2	0.0804	38.4	0.0149	3.6	0.09	95.4	3.4
SYN12-13R-111	283	34719	1.3	21.0454	8.1	0.0983	8.4	0.0150	1.9	0.23	96.0	1.8
SYN12-13R-114	65	2973	1.7	39.9283	52.8	0.0519	53.2	0.0150	6.9	0.13	96.2	6.6
SYN12-13R-109	471	20963	1.8	20.7773	7.1	0.1000	7.2	0.0151	1.0	0.14	96.4	0.9
SYN12-13R-69	204	13011	1.2	22.7681	21.0	0.0917	21.2	0.0151	3.5	0.17	96.9	3.4
SYN12-13R-30	163	16663	1.3	22.3960	27.1	0.0935	27.3	0.0152	3.3	0.12	97.2	3.1
SYN12-13R-118	158	19230	1.4	21.3005	20.2	0.0984	20.8	0.0152	5.1	0.24	97.2	4.9
SYN12-13R-98	609	22852	1.8	20.7245	6.1	0.1012	6.1	0.0152	0.9	0.15	97.3	0.9
SYN12-13R-63	776	43258	1.8	20.5820	5.1	0.1019	6.6	0.0152	4.1	0.62	97.3	3.9
SYN12-13R-47	95	4767	1.5	22.5732	22.8	0.0929	23.4	0.0152	5.5	0.23	97.3	5.3
SYN12-13R-34	243	6534	1.9	20.9348	17.3	0.1005	17.5	0.0153	2.7	0.15	97.6	2.6
SYN12-13R-74	293	56536	2.1	21.5767	7.9	0.0977	8.1	0.0153	1.8	0.22	97.8	1.7
SYN12-13R-32	191	26640	2.0	22.1434	26.4	0.0953	26.5	0.0153	2.1	0.08	97.9	2.0
SYN12-13R-65	301	20471	1.2	20.6288	6.4	0.1023	8.1	0.0153	5.0	0.61	97.9	4.9
SYN12-13R-102	74	3677	2.4	16.8690	12.3	0.1255	14.7	0.0154	8.0	0.54	98.2	7.8
SYN12-13R-35	347	32186	1.3	20.8286	4.8	0.1017	5.1	0.0154	1.7	0.34	98.3	1.7
SYN12-13R-25	125	8406	1.5	21.9301	28.6	0.0966	28.9	0.0154	4.0	0.14	98.3	3.9
SYN12-13R-5	248	16965	1.8	21.9363	11.3	0.0966	11.6	0.0154	2.8	0.24	98.4	2.8
SYN12-13R-67	330	24131	1.3	20.1918	10.9	0.1050	11.0	0.0154	1.6	0.15	98.4	1.6
SYN12-13R-85	324	18183	1.8	21.7972	16.4	0.0973	16.8	0.0154	3.4	0.20	98.4	3.3
SYN12-13R-108	159	2821	2.1	18.9694	14.6	0.1118	15.2	0.0154	4.2	0.28	98.4	4.1
SYN12-13R-14	355	23440	2.0	21.6015	10.1	0.0982	10.2	0.0154	1.8	0.18	98.5	1.8
SYN12-13R-93	357	17019	1.1	21.1954	8.1	0.1001	8.2	0.0154	1.2	0.15	98.5	1.2
SYN12-13R-64	518	32542	0.9	21.0740	4.4	0.1007	4.6	0.0154	1.4	0.30	98.5	1.4
SYN12-13R-57	185	6975	1.4	24.3306	11.1	0.0873	11.8	0.0154	3.7	0.32	98.6	3.7
SYN12-13R-36	376	13182	1.2	22.7855	10.7	0.0934	10.9	0.0154	2.0	0.18	98.8	2.0
SYN12-13R-2	193	16746	1.9	20.7580	24.3	0.1026	24.5	0.0154	2.6	0.11	98.8	2.6
SYN12-13R-38	209	9507	1.5	21.7271	8.1	0.0980	8.5	0.0154	2.8	0.33	98.8	2.8
SYN12-13R-117	262	7559	1.3	22.3077	13.0	0.0955	13.2	0.0155	2.6	0.20	98.9	2.5
SYN12-13R-27	720	50375	1.6	20.2802	3.3	0.1051	3.6	0.0155	1.4	0.38	98.9	1.4
SYN12-13R-88	600	31405	1.9	20.5162	8.0	0.1039	8.1	0.0155	0.8	0.10	98.9	0.8
SYN12-13R-66	105	9854	1.4	20.6839	32.2	0.1031	33.0	0.0155	7.2	0.22	98.9	7.1
SYN12-13R-94	308	28824	1.7	20.4514	7.9	0.1043	8.1	0.0155	2.1	0.26	98.9	2.1
SYN12-13R-84	398	2778	2.5	19.1496	14.2	0.1117	14.5	0.0155	3.2	0.22	99.2	3.2
SYN12-13R-48	284	17999	2.4	21.6154	9.6	0.0990	9.8	0.0155	2.2	0.23	99.3	2.2
SYN12-13R-96	315	8264	1.2	19.3012	12.4	0.1111	12.5	0.0155	1.6	0.12	99.5	1.5
SYN12-13R-16	614	91497	2.0	20.9522	4.1	0.1024	4.3	0.0156	1.4	0.33	99.5	1.4
SYN12-13R-1	189	14386	1.3	20.3846	16.9	0.1052	17.0	0.0156	1.9	0.11	99.5	1.8
SYN12-13R-24	278	16300	1.1	22.4086	9.9	0.0959	10.1	0.0156	2.0	0.20	99.7	2.0
SYN12-13R-11	353	26704	0.9	20.3281	8.4	0.1057	8.7	0.0156	2.3	0.27	99.7	2.3

TABLE DR1												
SYN12-13R-77	150	7095	4.2	21.8104	22.6	0.0985	22.9	0.0156	3.2	0.14	99.7	3.1
SYN12-13R-72	388	48676	1.6	20.5362	10.4	0.1047	10.6	0.0156	2.2	0.20	99.7	2.1
SYN12-13R-83	125	17002	1.0	23.7564	24.5	0.0905	25.4	0.0156	6.6	0.26	99.8	6.6
SYN12-13R-13	516	29001	1.8	21.7883	3.8	0.0988	4.3	0.0156	2.1	0.49	99.9	2.1
SYN12-13R-40	234	11712	1.3	22.0822	17.0	0.0975	17.3	0.0156	2.8	0.16	99.9	2.7
SYN12-13R-9	208	13224	1.2	22.4279	19.6	0.0962	19.7	0.0156	1.8	0.09	100.1	1.8
SYN12-13R-3	520	30694	1.2	21.8029	8.0	0.0990	8.1	0.0156	1.2	0.15	100.1	1.2
SYN12-13R-92	125	7293	1.6	21.5122	25.3	0.1003	26.9	0.0157	9.1	0.34	100.1	9.1
SYN12-13R-49	601	23427	1.5	20.6182	5.1	0.1047	5.4	0.0157	1.6	0.30	100.2	1.6
SYN12-13R-87	228	3055	1.0	16.8172	16.3	0.1290	16.6	0.0157	3.1	0.19	100.7	3.1
SYN12-13R-8	457	32651	1.0	21.7909	9.1	0.0999	9.2	0.0158	1.5	0.16	101.0	1.5
SYN12-13R-86	675	44125	1.7	20.8835	5.4	0.1043	5.6	0.0158	1.6	0.28	101.0	1.6
SYN12-13R-4	113	9536	0.9	26.5528	55.6	0.0823	55.8	0.0158	5.1	0.09	101.4	5.1
SYN12-13R-120	296	6630	1.1	19.4109	10.9	0.1130	11.1	0.0159	2.2	0.20	101.7	2.2
SYN12-13R-76	61	5341	0.5	20.2290	41.3	0.1098	42.3	0.0161	9.4	0.22	103.0	9.6
SYN12-13R-22	183	9823	1.9	23.1072	24.7	0.0976	24.7	0.0163	1.8	0.07	104.5	1.9
SYN12-13R-60	299	1582	1.0	15.7666	29.2	0.1431	30.4	0.0164	8.7	0.28	104.6	9.0
SYN12-13R-41	120	22168	1.4	19.8499	10.7	0.1281	11.4	0.0184	4.0	0.35	117.8	4.7
SYN12-13R-90	148	16266	2.0	26.6763	15.4	0.0979	15.7	0.0189	3.1	0.20	121.0	3.8
SYN12-13R-103	76	721	1.4	17.2427	33.6	0.1941	33.9	0.0243	4.8	0.14	154.6	7.3
SYN12-13R-113	171	48768	1.2	22.0208	13.4	0.1522	13.7	0.0243	2.6	0.19	154.8	4.0
SYN12-13R-112	284	26495	1.4	18.7525	3.7	0.3151	3.8	0.0429	0.7	0.19	270.5	1.9
SYN12-13R-17	23	6779	1.8	25.8937	34.6	0.2785	34.7	0.0523	2.8	0.08	328.6	9.0
SYN12-13R-71	80	37476	0.6	19.1065	4.3	0.3796	5.1	0.0526	2.7	0.53	330.5	8.6
SYN12-13R-29	122	38014	0.7	19.1382	5.9	0.4839	6.1	0.0672	1.7	0.28	419.1	6.9
SYN12-13R-45	112	34719	2.0	17.8242	4.3	0.5275	4.7	0.0682	1.9	0.41	425.2	7.9
SYN12-13R-50	108	42170	1.2	17.8018	2.9	0.5508	3.6	0.0711	2.1	0.58	442.9	9.0
SYN12-13R-105	113	61178	0.9	16.3752	3.3	0.8492	3.4	0.1009	0.9	0.27	619.4	5.3
SYN12-13R-115	283	241133	8.8	15.5499	1.7	0.9851	2.1	0.1111	1.4	0.64	679.2	8.8
SYN12-13R-58	40	56572	1.7	13.7739	4.7	1.6645	6.1	0.1663	3.9	0.64	991.6	35.7
SYN12-13R-97	219	226137	5.0	13.6733	1.5	1.6863	2.2	0.1672	1.5	0.71	996.8	14.3
SYN12-13R-33	161	103012	2.0	13.6286	1.7	1.7620	1.8	0.1742	0.7	0.36	1035.0	6.2
SYN12-13R-82	40	24766	1.5	13.5277	7.1	1.6991	7.3	0.1667	1.7	0.23	993.9	15.3
SYN12-13R-20	115	93927	1.2	13.5261	1.0	1.7083	3.5	0.1676	3.4	0.96	998.8	31.3
SYN12-13R-99	57	44950	2.9	13.4390	3.1	1.7920	3.3	0.1747	1.1	0.33	1037.8	10.5
SYN12-13R-106	96	56262	1.6	13.2500	1.4	1.8881	1.9	0.1814	1.2	0.67	1074.9	12.4
SYN12-13R-107	60	53445	2.9	13.0093	3.4	1.8570	3.6	0.1752	1.0	0.28	1040.8	9.5
SYN12-13R-42	62	48022	1.3	12.8664	2.4	2.1828	2.9	0.2037	1.5	0.52	1195.1	16.2
SYN12-13R-68	110	65198	3.2	12.7537	1.2	2.1536	1.4	0.1992	0.7	0.53	1171.1	7.8
SYN12-13R-46	37	47482	2.3	12.5274	4.7	2.2425	5.0	0.2037	1.6	0.32	1195.4	17.4
SYN12-13R-26	96	7876	1.9	12.3013	8.1	2.2423	8.7	0.2000	3.2	0.37	1175.6	34.3
SYN12-13R-78	104	91060	1.9	12.2412	1.1	2.3467	1.4	0.2083	0.9	0.64	1220.0	9.7
SYN12-13R-80	57	4867	0.6	11.7219	2.4	2.6838	4.3	0.2282	3.5	0.82	1324.9	42.2
SYN12-13R-15	50	53563	2.3	11.5713	2.3	2.8014	2.7	0.2351	1.5	0.55	1361.2	18.5
SYN12-13R-79	63	14652	0.8	11.3134	2.3	2.8201	2.5	0.2314	0.9	0.35	1341.8	10.6
SYN12-13R-51	60	71672	1.2	11.0577	2.1	3.1336	2.3	0.2513	0.9	0.41	1445.2	12.2

TABLE DR1												
SYN12-13R-21	303	207722	1.7	11.0180	0.5	3.1638	1.3	0.2528	1.2	0.94	1453.0	15.8
SYN12-13R-101	55	60705	1.3	11.0109	1.8	3.0862	2.1	0.2465	1.1	0.53	1420.2	14.2
SYN12-13R-73	200	99955	1.5	11.0038	0.6	2.8234	0.9	0.2253	0.7	0.73	1310.0	7.8
SYN12-13R-56	46	52041	1.9	10.9449	2.2	3.1978	2.9	0.2538	1.9	0.64	1458.2	24.7
SYN12-13R-89	67	101274	1.6	10.9317	1.5	3.2483	2.0	0.2575	1.2	0.63	1477.2	16.3
SYN12-13R-12	90	60078	0.7	10.7350	1.0	3.3049	1.4	0.2573	1.0	0.72	1476.1	13.0
SYN12-13R-81	85	99023	2.6	10.6007	1.7	3.4499	1.8	0.2652	0.7	0.39	1516.6	9.6
SYN12-13R-59	200	143330	2.5	10.5530	0.7	3.4968	1.2	0.2676	1.0	0.80	1528.8	13.5
SYN12-13R-95	116	77801	1.3	10.1694	0.8	3.8905	1.4	0.2869	1.1	0.82	1626.3	16.4
SYN12-13R-28	42	63933	3.5	10.1193	1.5	3.6747	2.3	0.2697	1.8	0.76	1539.2	24.3
SYN12-13R-53	77	86525	1.7	10.0144	1.1	3.9255	1.6	0.2851	1.1	0.70	1617.1	15.5
SYN12-13R-31	208	267344	1.5	9.9359	0.6	4.0148	2.3	0.2893	2.2	0.97	1638.1	31.6
SYN12-13R-7	54	89515	0.6	9.5783	0.9	4.2474	2.5	0.2951	2.3	0.93	1666.8	33.7
SYN12-13R-91	283	741531	1.5	9.5329	0.3	4.4097	1.8	0.3049	1.8	0.99	1715.5	27.3
SYN12-13R-70	39	31729	1.1	8.9265	1.1	5.0146	2.4	0.3247	2.1	0.89	1812.4	33.4
SYN12-13R-116	37	79827	0.7	8.8788	2.0	5.1968	2.2	0.3346	0.9	0.39	1860.9	14.0
SYN12-13R-62	140	181392	0.7	8.7003	0.5	5.4071	1.9	0.3412	1.8	0.96	1892.4	29.5
SYN12-13R-110	37	46838	0.5	8.6311	1.7	5.5902	2.0	0.3499	1.1	0.53	1934.3	18.1
SYN12-13R-54	37	46288	0.9	8.5165	0.9	5.6549	1.2	0.3493	0.9	0.70	1931.2	14.5
SYN12-13R-43	115	170629	0.8	7.4603	0.4	7.4366	1.0	0.4024	0.9	0.93	2180.0	16.7
SYN12-13R-10	310	499920	3.3	6.6091	0.7	9.0676	1.9	0.4346	1.8	0.93	2326.6	34.4
SYN12-13R-104	12	20003	0.3	6.0416	3.0	11.2275	3.7	0.4920	2.1	0.58	2579.2	45.3
SYN12-13R-23	40	90784	1.1	5.6261	0.9	11.3062	3.1	0.4613	3.0	0.96	2445.5	60.4
SYN12-13R-61	96	161048	11.7	5.1811	0.5	13.8778	3.1	0.5215	3.1	0.99	2705.5	67.6
SYN12-13R-6	123	261667	1.2	5.1076	0.2	14.5966	0.9	0.5407	0.9	0.97	2786.4	20.1

Table DR1K U-Pb geochronologic analyses SYN12-14												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
SYN12-14-8	1314	905	3.0	18.4978	6.6	0.1075	6.9	0.0144	2.0	0.30	92.3	1.9
SYN12-14-22	127	17200	0.7	24.0960	15.0	0.0878	15.6	0.0153	4.4	0.28	98.1	4.3
SYN12-14-17	225	21104	1.0	19.4245	11.0	0.1090	11.4	0.0154	2.7	0.24	98.2	2.6
SYN12-14-2	104	9902	1.3	25.9907	31.9	0.0816	32.7	0.0154	7.3	0.22	98.4	7.1
SYN12-14-6	438	31414	1.4	21.7225	5.6	0.0982	6.0	0.0155	1.9	0.32	99.0	1.9
SYN12-14-3	884	83029	1.1	20.5241	2.3	0.1041	3.0	0.0155	1.8	0.62	99.1	1.8
SYN12-14-14	2420	134333	4.2	20.4708	1.6	0.1044	2.0	0.0155	1.2	0.61	99.2	1.2
SYN12-14-19	879	8261	3.8	20.3195	4.5	0.1055	4.6	0.0156	1.0	0.23	99.5	1.0
SYN12-14-13	348	14469	1.6	20.0470	9.5	0.1070	9.8	0.0156	2.5	0.25	99.5	2.4
SYN12-14-20	522	26703	1.7	20.8270	4.8	0.1031	5.9	0.0156	3.4	0.59	99.6	3.4
SYN12-14-26	300	19286	1.4	21.3872	7.5	0.1006	8.0	0.0156	2.8	0.35	99.8	2.7
SYN12-14-33	484	24278	1.4	20.8616	4.7	0.1032	5.7	0.0156	3.3	0.57	99.9	3.3
SYN12-14-4	695	31634	2.1	20.8502	3.5	0.1033	3.8	0.0156	1.3	0.35	100.0	1.3
SYN12-14-38	310	23987	1.9	20.7897	7.7	0.1037	8.0	0.0156	2.2	0.28	100.0	2.2
SYN12-14-39	166	8761	1.6	22.3614	26.3	0.0965	26.3	0.0157	1.4	0.05	100.2	1.4
SYN12-14-7	159	12437	0.7	20.1255	14.4	0.1074	15.1	0.0157	4.5	0.30	100.3	4.5
SYN12-14-29	361	19253	2.3	21.5678	4.7	0.1006	4.9	0.0157	1.5	0.31	100.7	1.5

TABLE DR1												
SYN12-14-27	175	6028	1.3	19.9094	9.8	0.1092	10.3	0.0158	3.3	0.32	100.9	3.3
SYN12-14-23	356	25682	1.6	20.8165	3.6	0.1046	4.1	0.0158	1.9	0.47	101.0	1.9
SYN12-14-40	808	75811	1.3	20.9148	2.1	0.1047	2.7	0.0159	1.7	0.62	101.6	1.7
SYN12-14-9	293	19500	1.1	21.6167	10.0	0.1013	10.2	0.0159	1.7	0.17	101.6	1.7
SYN12-14-41	210	9155	1.9	20.7383	10.9	0.1065	11.4	0.0160	3.6	0.31	102.4	3.6
SYN12-14-1	793	134680	1.6	20.1677	2.6	0.1671	3.7	0.0244	2.6	0.70	155.7	3.9
SYN12-14-12	139	21671	1.1	18.2873	4.0	0.1869	5.6	0.0248	3.8	0.69	157.9	6.0
SYN12-14-15	85	66013	1.4	13.6163	1.6	1.7467	2.3	0.1725	1.6	0.69	1025.8	14.8
SYN12-14-24	19	17488	1.5	13.2347	4.7	1.8076	6.2	0.1735	4.1	0.65	1031.4	38.9
SYN12-14-31	72	52734	2.3	12.8177	4.3	1.9761	4.9	0.1837	2.2	0.46	1087.2	22.2
SYN12-14-11	44	57435	1.2	11.1441	2.0	3.1003	2.1	0.2506	0.7	0.33	1441.5	9.3
SYN12-14-36	83	173572	0.8	11.0466	0.9	3.1510	2.5	0.2524	2.3	0.93	1451.1	30.4
SYN12-14-30	58	80156	1.3	9.8854	1.0	4.2351	2.2	0.3036	1.9	0.88	1709.3	28.8
SYN12-14-35	197	17364	1.4	9.8497	0.7	3.7011	7.5	0.2644	7.4	1.00	1512.3	100.3
SYN12-14-10	106	165389	2.5	9.2901	0.6	4.6499	1.3	0.3133	1.1	0.86	1756.9	16.9
SYN12-14-32	54	104832	1.0	8.9281	0.7	5.0991	1.2	0.3302	1.0	0.81	1839.3	15.6
SYN12-14-21	50	52616	1.6	8.9051	1.0	5.2033	1.5	0.3361	1.1	0.73	1867.7	18.1
SYN12-14-34	74	80437	1.1	8.6243	0.9	5.5377	1.2	0.3464	0.8	0.69	1917.3	14.0
SYN12-14-16	72	87838	1.1	8.1841	0.5	6.1948	1.8	0.3677	1.7	0.97	2018.6	29.5
SYN12-14-37	56	174977	0.9	7.6970	1.0	6.8878	1.4	0.3845	1.0	0.69	2097.3	17.7
SYN12-14-25	71	152493	1.8	6.8237	0.4	8.7822	1.7	0.4346	1.7	0.98	2326.6	32.5
SYN12-14-28	143	6355	1.3	4.5602	0.7	16.1403	5.4	0.5338	5.4	0.99	2757.5	120.9

Table DR1L U-Pb geochronologic analyses SYN12-15												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
SYN12-15-6	48	5296	1.0	6.8182	267.5	0.2768	267.7	0.0137	7.9	0.03	87.7	6.9
SYN12-15-11	161	9324	1.7	24.2748	26.5	0.0791	27.2	0.0139	5.8	0.21	89.2	5.2
SYN12-15-47	166	15479	1.6	22.5888	20.7	0.0867	21.3	0.0142	4.7	0.22	90.9	4.2
SYN12-15-8	303	23729	1.5	20.5727	6.8	0.0955	7.5	0.0143	3.2	0.43	91.2	2.9
SYN12-15-98	122	6763	2.0	20.6597	15.6	0.0951	17.4	0.0143	7.6	0.44	91.2	6.9
SYN12-15-86	328	9666	1.7	19.3987	13.0	0.1016	13.2	0.0143	2.3	0.17	91.5	2.1
SYN12-15-23	261	27676	1.3	21.1314	9.9	0.0935	11.0	0.0143	4.8	0.44	91.7	4.4
SYN12-15-60	186	18837	1.7	20.7925	16.7	0.0957	16.9	0.0144	2.8	0.17	92.4	2.6
SYN12-15-90	178	9992	1.7	20.2729	12.6	0.0985	12.9	0.0145	2.8	0.22	92.6	2.6
SYN12-15-38	242	21404	1.1	20.3404	7.7	0.0984	7.8	0.0145	1.5	0.19	92.9	1.4
SYN12-15-19	229	12608	1.9	20.7740	7.0	0.0967	8.1	0.0146	4.1	0.51	93.2	3.8
SYN12-15-96	64	4305	1.2	21.1820	64.0	0.0949	64.7	0.0146	9.2	0.14	93.3	8.5
SYN12-15-80	318	21904	6.9	20.0142	6.5	0.1009	6.9	0.0147	2.5	0.35	93.8	2.3
SYN12-15-51	366	13752	1.4	21.7720	5.2	0.0933	5.5	0.0147	1.9	0.34	94.3	1.8
SYN12-15-15	178	8771	2.3	25.3916	26.3	0.0803	26.6	0.0148	4.0	0.15	94.7	3.7
SYN12-15-50	311	9273	1.7	21.5330	11.9	0.0950	11.9	0.0148	1.1	0.10	94.9	1.1
SYN12-15-65	104	4995	1.4	25.4005	44.2	0.0805	44.6	0.0148	6.0	0.14	94.9	5.7
SYN12-15-34	193	12949	1.6	21.2453	9.1	0.0964	10.3	0.0149	4.7	0.46	95.1	4.4
SYN12-15-30	220	3211	1.5	22.6389	14.9	0.0907	15.0	0.0149	2.3	0.15	95.3	2.2
SYN12-15-40	61	3689	1.4	23.6390	116.9	0.0870	117.0	0.0149	5.9	0.05	95.4	5.6

TABLE DR1												
SYN12-15-44	146	10180	1.7	19.4707	25.0	0.1062	25.2	0.0150	2.8	0.11	96.0	2.6
SYN12-15-53	361	22843	2.5	20.4314	7.5	0.1013	7.6	0.0150	1.3	0.17	96.0	1.2
SYN12-15-75	351	14758	1.4	21.5316	6.9	0.0962	8.0	0.0150	4.1	0.51	96.1	3.9
SYN12-15-72	257	9719	1.1	24.1106	10.6	0.0860	10.8	0.0150	1.9	0.18	96.2	1.8
SYN12-15-95	122	5373	1.9	21.4308	24.9	0.0972	25.5	0.0151	5.7	0.22	96.7	5.5
SYN12-15-18	71	4727	0.9	25.0887	84.2	0.0832	84.4	0.0151	6.4	0.08	96.9	6.1
SYN12-15-66	272	24316	1.8	22.0153	11.9	0.0951	12.2	0.0152	2.4	0.20	97.1	2.3
SYN12-15-4	544	40568	2.2	20.4258	4.2	0.1028	4.4	0.0152	1.1	0.25	97.4	1.1
SYN12-15-57	267	11258	1.4	24.7946	20.2	0.0847	20.3	0.0152	2.2	0.11	97.4	2.2
SYN12-15-9	740	9755	1.7	19.8458	3.8	0.1060	3.8	0.0153	0.8	0.20	97.6	0.7
SYN12-15-83	194	19564	1.2	20.4756	14.8	0.1029	15.1	0.0153	3.1	0.21	97.8	3.0
SYN12-15-26	155	6705	1.7	24.8141	27.1	0.0850	27.2	0.0153	3.2	0.12	97.8	3.1
SYN12-15-27	368	14029	2.0	19.4675	4.3	0.1093	5.5	0.0154	3.3	0.61	98.8	3.3
SYN12-15-1	138	6863	1.9	22.3273	22.0	0.0955	22.2	0.0155	2.9	0.13	98.9	2.8
SYN12-15-62	161	20914	1.7	18.5921	15.7	0.1149	16.6	0.0155	5.5	0.33	99.1	5.4
SYN12-15-39	101	5629	1.2	19.7692	52.0	0.1088	52.2	0.0156	4.6	0.09	99.8	4.5
SYN12-15-71	322	30918	1.6	21.0147	7.8	0.1026	7.9	0.0156	1.5	0.19	100.0	1.5
SYN12-15-12	261	14253	2.4	19.7562	6.6	0.1102	7.3	0.0158	3.2	0.43	101.0	3.2
SYN12-15-64	286	24459	2.0	20.9156	13.5	0.1046	13.7	0.0159	1.9	0.14	101.5	1.9
SYN12-15-49	341	6859	2.1	18.4653	7.2	0.1188	7.8	0.0159	3.1	0.39	101.7	3.1
SYN12-15-29	88	2880	1.9	17.4156	33.9	0.1313	34.6	0.0166	7.3	0.21	106.0	7.7
SYN12-15-10	112	19775	1.3	21.6131	24.6	0.1108	25.0	0.0174	4.4	0.18	111.0	4.9
SYN12-15-93	291	6664	1.4	18.8882	6.4	0.1881	8.2	0.0258	5.2	0.63	164.0	8.4
SYN12-15-61	222	63525	1.1	19.9017	4.1	0.2752	4.3	0.0397	1.3	0.29	251.1	3.1
SYN12-15-84	125	29842	2.5	19.5183	5.2	0.3726	5.4	0.0528	1.4	0.25	331.4	4.4
SYN12-15-86	72	67180	2.0	18.7183	8.2	0.4657	8.8	0.0632	3.0	0.34	395.2	11.5
SYN12-15-21	121	49212	0.8	17.0376	7.8	0.6191	9.0	0.0765	4.4	0.49	475.2	20.4
SYN12-15-52	107	37870	15.5	16.6610	4.9	0.6575	5.3	0.0795	2.2	0.41	492.9	10.3
SYN12-15-94	120	23519	0.5	17.4309	2.7	0.7013	2.8	0.0887	0.7	0.24	547.6	3.5
SYN12-15-25	111	51549	2.1	16.4209	5.5	0.8412	5.8	0.1002	1.9	0.32	615.5	10.9
SYN12-15-46	70	22946	1.3	15.4756	2.3	0.9425	3.1	0.1058	2.0	0.66	648.2	12.4
SYN12-15-42	97	95303	3.4	13.8628	1.9	1.6587	2.4	0.1668	1.5	0.61	994.3	13.4
SYN12-15-45	108	74006	1.6	13.8557	2.5	1.6675	2.7	0.1676	0.9	0.34	998.7	8.5
SYN12-15-85	235	227993	23.7	13.5448	0.7	1.7924	2.1	0.1761	2.0	0.94	1045.5	18.8
SYN12-15-82	27	19088	1.0	13.5333	7.3	1.7557	7.9	0.1723	3.1	0.39	1024.9	29.2
SYN12-15-24	83	73431	1.1	13.4810	2.6	1.7803	3.1	0.1741	1.7	0.53	1034.5	15.8
SYN12-15-20	40	32210	0.8	13.4388	5.0	1.8721	5.7	0.1825	2.8	0.49	1080.4	28.1
SYN12-15-81	63	50984	1.0	13.2612	3.3	1.8228	3.5	0.1753	1.3	0.37	1041.3	12.5
SYN12-15-67	83	56840	0.8	13.2374	2.3	1.9028	2.6	0.1827	1.3	0.50	1081.6	13.1
SYN12-15-77	58	21441	2.7	13.1050	2.9	1.8438	4.2	0.1752	3.0	0.71	1040.9	28.5
SYN12-15-2	26	35740	3.9	13.0450	5.5	2.0716	5.7	0.1960	1.5	0.26	1153.8	15.7
SYN12-15-73	11	11677	1.0	12.7919	9.4	2.1332	9.9	0.1979	2.9	0.30	1164.1	31.1
SYN12-15-16	186	148808	2.8	12.7464	0.7	2.0712	1.0	0.1915	0.7	0.73	1129.4	7.2
SYN12-15-97	67	55501	2.4	12.7047	3.8	2.1591	4.3	0.1989	2.0	0.47	1169.7	21.7
SYN12-15-17	311	80159	9.7	12.7036	0.7	2.0541	1.1	0.1893	0.8	0.76	1117.3	8.5
SYN12-15-5	390	216562	9.0	12.6500	0.4	2.0557	3.6	0.1886	3.6	0.99	1113.8	36.4

TABLE DR1												
SYN12-15-32	72	95659	2.3	11.3787	1.7	2.9105	1.9	0.2402	0.9	0.47	1387.7	11.2
SYN12-15-58	59	40360	1.8	11.3493	1.5	2.9685	2.4	0.2443	1.9	0.79	1409.3	24.3
SYN12-15-14	42	35593	1.2	11.0748	2.2	3.0892	2.3	0.2481	0.8	0.33	1428.8	9.8
SYN12-15-43	165	201295	2.7	11.0198	0.6	3.1746	0.8	0.2537	0.6	0.73	1457.6	7.7
SYN12-15-91	59	120047	1.5	10.8446	1.4	3.2692	2.1	0.2571	1.5	0.74	1475.2	19.9
SYN12-15-41	130	293595	13.1	10.0617	0.5	3.8037	0.7	0.2776	0.5	0.72	1579.1	7.4
SYN12-15-100	50	38639	0.7	9.9894	1.2	4.0422	1.3	0.2929	0.7	0.52	1655.8	10.2
SYN12-15-89	44	41033	1.0	9.8299	1.2	4.0808	1.7	0.2909	1.3	0.73	1646.2	18.2
SYN12-15-3	69	61166	0.5	9.8230	1.1	4.1544	1.7	0.2960	1.3	0.76	1671.3	19.5
SYN12-15-63	27	26952	0.6	9.6474	3.3	4.1771	4.2	0.2923	2.6	0.62	1652.9	38.0
SYN12-15-69	131	31497	2.6	9.4467	0.8	3.7023	9.0	0.2537	8.9	1.00	1457.3	116.5
SYN12-15-37	224	25288	2.1	9.3115	0.9	4.3110	3.0	0.2911	2.8	0.95	1647.2	41.0
SYN12-15-92	57	45057	1.0	9.3011	1.2	4.6317	1.4	0.3124	0.6	0.47	1752.7	9.8
SYN12-15-59	114	132606	1.9	9.2260	0.5	4.4780	5.5	0.2996	5.4	1.00	1689.5	80.7
SYN12-15-22	69	321532	1.0	9.1937	0.9	4.7668	1.7	0.3178	1.4	0.85	1779.2	21.8
SYN12-15-35	16	26336	0.6	9.1165	2.5	4.8216	3.4	0.3188	2.2	0.65	1783.9	34.0
SYN12-15-78	30	33021	2.2	9.0521	2.5	5.0255	2.7	0.3299	1.0	0.36	1838.1	15.3
SYN12-15-36	611	65447	1.7	8.9777	0.7	5.0363	1.7	0.3279	1.5	0.91	1828.3	24.2
SYN12-15-79	28	39700	1.1	8.9200	2.4	5.1604	2.6	0.3338	0.8	0.32	1857.0	13.4
SYN12-15-48	92	207671	1.1	8.9099	0.4	5.1644	0.6	0.3337	0.5	0.72	1856.4	7.4
SYN12-15-31	189	237058	9.6	8.8511	0.3	5.2544	0.8	0.3373	0.7	0.93	1873.7	11.4
SYN12-15-56	70	112349	1.7	8.4787	0.9	5.7653	1.6	0.3545	1.3	0.84	1956.2	22.6
SYN12-15-70	15	47471	1.1	7.9948	2.6	6.4182	3.5	0.3722	2.4	0.68	2039.5	42.0
SYN12-15-74	77	176766	1.1	5.3428	0.2	13.5946	0.8	0.5268	0.8	0.96	2727.9	17.1
SYN12-15-33	28	57913	0.4	5.2842	0.7	13.7512	3.7	0.5270	3.6	0.98	2728.8	80.4
SYN12-15-13	95	214483	1.4	4.5786	0.2	17.7266	1.1	0.5886	1.1	0.99	2983.9	26.8

Table DR1M U-Pb geochronologic analyses SYN14-01												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
_Run2-Spot 187	100	9989	0.4	19.5476	4.4	0.1613	4.9	0.0229	2.1	0.43	145.8	3.0
1_Run1-Spot 62	118	94784	1.0	20.6453	5.5	0.1548	5.8	0.0232	1.7	0.30	147.7	2.5
1_Run1-Spot 13	80	15635	0.6	20.8501	4.3	0.1544	4.7	0.0234	1.9	0.40	148.8	2.8
_Run2-Spot 211	25	14947	0.9	19.8390	8.4	0.1626	9.1	0.0234	3.5	0.38	149.1	5.2
_Run2-Spot 118	54	19669	0.6	20.2334	4.1	0.1598	4.6	0.0234	2.2	0.47	149.4	3.2
1_Run1-Spot 7	65	4559	0.6	15.0493	6.0	0.2175	6.5	0.0237	2.6	0.39	151.2	3.8
1_Run1-Spot 59	73	9692	0.4	16.8445	5.4	0.1962	5.7	0.0240	1.7	0.31	152.7	2.6
_Run2-Spot 189	25	2975	0.6	21.3561	8.9	0.1549	9.3	0.0240	2.4	0.26	152.8	3.7
1_Run1-Spot 87	61	10922	1.1	20.7357	6.4	0.1601	6.9	0.0241	2.6	0.38	153.4	4.0
1_Run1-Spot 3	164	26586	1.3	21.1429	3.7	0.1585	4.2	0.0243	2.0	0.49	154.8	3.1
_Run1-Spot 102	421	19952	0.7	20.2350	1.9	0.1687	2.8	0.0248	2.0	0.72	157.6	3.1
1_Run1-Spot 48	98	23203	1.4	16.1695	7.0	0.2147	7.3	0.0252	2.2	0.31	160.3	3.6
_Run2-Spot 181	1726	86774	1.4	20.0324	1.3	0.1884	2.1	0.0274	1.7	0.78	174.1	2.9
1_Run1-Spot 73	308	47825	1.9	19.1740	2.3	0.2665	2.9	0.0371	1.8	0.63	234.6	4.3
1_Run1-Spot 80	103	26418	1.6	19.0954	2.9	0.2796	3.3	0.0387	1.6	0.48	244.9	3.8
_Run2-Spot 195	224	38679	1.5	19.2053	2.4	0.2854	3.4	0.0398	2.4	0.70	251.3	5.9

TABLE DR1												
1_Run1-Spot 76	111	78752	2.8	19.2432	4.5	0.2871	5.3	0.0401	2.8	0.53	253.3	6.9
1_Run1-Spot 49	228	15989	1.2	19.4129	3.3	0.3257	3.9	0.0459	2.0	0.52	289.1	5.8
1_Run1-Spot 83	826	115057	2.4	18.1702	1.8	0.4170	2.3	0.0550	1.3	0.59	344.9	4.5
1_Run1-Spot 69	109	11356	1.6	18.6376	2.3	0.4495	2.6	0.0608	1.4	0.52	380.3	5.1
1_Run1-Spot 9	159	20803	1.7	18.4081	2.7	0.4757	3.2	0.0635	1.7	0.54	396.9	6.6
1_Run1-Spot 37	65	9650	1.3	19.2973	4.6	0.4570	5.0	0.0640	2.1	0.41	399.6	8.0
_Run2-Spot 173	93	25093	2.0	18.3972	2.9	0.4804	3.8	0.0641	2.5	0.65	400.5	9.7
1_Run1-Spot 36	125	15679	1.5	18.2883	2.2	0.4999	2.7	0.0663	1.6	0.59	413.9	6.4
_Run2-Spot 190	296	132907	2.0	17.8235	1.3	0.5239	1.8	0.0677	1.2	0.66	422.4	4.8
_Run2-Spot 216	216	61317	0.9	17.7030	2.3	0.5314	2.8	0.0682	1.5	0.54	425.4	6.2
_Run2-Spot 119	53	43441	3.3	17.6656	2.8	0.5365	3.3	0.0687	1.7	0.51	428.6	6.9
_Run2-Spot 120	382	117427	3.9	18.0381	1.6	0.5377	2.7	0.0703	2.2	0.80	438.2	9.2
_Run1-Spot 106	234	38013	1.8	17.7379	1.8	0.5568	2.4	0.0716	1.5	0.65	446.0	6.6
1_Run1-Spot 90	79	21149	1.6	17.8077	2.2	0.5649	3.5	0.0730	2.7	0.77	454.0	11.7
1_Run1-Spot 24	100	26710	2.4	16.9657	2.6	0.6007	3.4	0.0739	2.2	0.65	459.7	9.6
1_Run1-Spot 12	235	17646	1.4	17.8949	1.6	0.5714	3.8	0.0742	3.4	0.90	461.2	15.2
_Run2-Spot 147	70	249964	1.6	16.3499	2.4	0.7434	3.5	0.0881	2.6	0.73	544.6	13.3
1_Run1-Spot 99	86	16692	63.2	17.0543	2.5	0.7146	3.1	0.0884	1.8	0.59	546.0	9.6
1_Run1-Spot 46	91	17458	0.9	16.9288	2.3	0.7225	4.3	0.0887	3.6	0.84	547.9	18.7
1_Run1-Spot 47	72	17836	1.7	17.0400	3.5	0.7260	5.1	0.0897	3.7	0.72	553.9	19.4
1_Run1-Spot 16	94	18504	2.4	16.8120	3.0	0.7685	3.6	0.0937	2.0	0.55	577.4	10.9
_Run2-Spot 111	86	65124	5.7	16.4574	1.9	0.7884	3.1	0.0941	2.5	0.80	579.8	13.9
_Run2-Spot 177	110	47180	1.3	16.1621	2.1	0.8258	2.8	0.0968	1.8	0.64	595.6	10.0
1_Run1-Spot 20	80	31684	3.7	17.0077	2.1	0.7895	2.8	0.0974	1.9	0.68	599.1	11.0
_Run1-Spot 108	211	27032	1.8	16.5213	1.8	0.8165	2.9	0.0978	2.3	0.79	601.7	13.1
_Run2-Spot 212	55	35201	1.2	16.5232	1.9	0.8193	2.8	0.0982	2.0	0.72	603.7	11.7
_Run2-Spot 186	61	55134	1.7	15.9519	3.1	0.8815	3.5	0.1020	1.6	0.45	626.0	9.3
_Run2-Spot 170	118	64639	2.0	15.7120	2.2	1.0287	3.0	0.1172	2.0	0.67	714.6	13.3
1_Run1-Spot 97	19	13462	2.6	14.3395	3.4	1.6233	5.1	0.1688	3.7	0.74	1005.6	34.9
1_Run1-Spot 68	602	94991	13.8	14.2090	1.3	1.4494	2.4	0.1494	2.0	0.83	897.4	16.4
1_Run1-Spot 6	43	22255	3.0	14.0692	2.2	1.6183	3.1	0.1651	2.2	0.70	985.2	20.0
_Run2-Spot 191	29	27772	0.6	14.0401	3.7	1.5516	4.5	0.1580	2.5	0.56	945.6	22.0
_Run2-Spot 124	446	93489	5.4	14.0137	0.9	1.4863	2.1	0.1511	1.9	0.91	906.9	16.4
_Run2-Spot 209	62	41441	2.7	14.0087	2.2	1.5100	2.7	0.1534	1.6	0.60	920.1	13.7
_Run2-Spot 200	225	183002	3.6	13.9888	1.9	1.3963	2.9	0.1417	2.3	0.77	854.1	18.1
1_Run1-Spot 79	64	21001	2.7	13.9478	2.1	1.5825	2.8	0.1601	1.9	0.66	957.2	16.5
1_Run1-Spot 74	109	195787	1.6	13.8949	2.1	1.3479	3.3	0.1358	2.6	0.78	821.1	20.1
1_Run1-Spot 89	62	19949	3.1	13.7551	2.6	1.7684	2.9	0.1764	1.4	0.47	1047.4	13.2
_Run2-Spot 179	89	52326	3.1	13.7495	1.9	1.5560	2.7	0.1552	1.9	0.71	929.8	16.9
_Run2-Spot 204	24	14896	1.5	13.7092	2.6	1.6797	3.4	0.1670	2.1	0.63	995.6	19.5
_Run2-Spot 157	557	225053	185.9	13.6748	1.3	1.4325	3.2	0.1421	3.0	0.92	856.4	24.0
1_Run1-Spot 29	24	11305	1.2	13.6667	2.7	1.8122	3.4	0.1796	2.0	0.60	1064.9	19.8
1_Run1-Spot 51	155	58994	3.2	13.6467	1.3	1.6557	2.1	0.1639	1.6	0.77	978.3	14.9
1_Run1-Spot 18	82	122535	1.7	13.6283	1.6	1.6927	4.7	0.1673	4.4	0.94	997.3	40.8
_Run2-Spot 116	72	77348	3.1	13.6272	1.4	1.7509	2.0	0.1730	1.5	0.71	1028.9	13.8
_Run2-Spot 112	98	93928	2.7	13.5825	1.4	1.7461	1.9	0.1720	1.3	0.69	1023.2	12.4

TABLE DR1												
_Run2-Spot 199	24	41249	2.2	13.5619	3.7	1.7278	5.1	0.1699	3.4	0.68	1011.8	32.1
1_Run1-Spot 65	621	87275	2.7	13.5602	1.0	1.7522	1.6	0.1723	1.3	0.78	1024.9	12.1
_Run2-Spot 214	36	68832	1.4	13.5403	2.4	1.7385	3.2	0.1707	2.1	0.66	1016.1	20.0
1_Run1-Spot 25	215	62953	2.0	13.5057	1.4	1.8625	2.3	0.1824	1.7	0.77	1080.2	17.3
1_Run1-Spot 50	168	109296	4.1	13.4768	1.3	1.6482	2.8	0.1611	2.5	0.88	962.9	22.5
_Run1-Spot 105	116	41218	2.4	13.4720	1.3	1.7730	1.9	0.1732	1.4	0.71	1029.9	12.9
_Run2-Spot 217	555	156234	2.0	13.4705	1.0	1.7549	1.8	0.1715	1.6	0.85	1020.1	14.8
1_Run1-Spot 15	116	43490	1.3	13.4480	1.7	1.8572	2.3	0.1811	1.6	0.69	1073.2	15.7
_Run2-Spot 178	60	26394	1.9	13.4033	1.7	1.8512	2.2	0.1800	1.4	0.63	1066.7	13.9
_Run2-Spot 145	85	80956	1.4	13.3994	1.2	1.7478	2.0	0.1699	1.6	0.78	1011.3	14.6
_Run2-Spot 176	91	45039	2.7	13.3849	1.8	1.7708	2.5	0.1719	1.8	0.70	1022.6	16.6
_Run2-Spot 165	26	36692	1.3	13.3732	2.8	1.7151	3.6	0.1664	2.3	0.63	992.0	21.0
1_Run1-Spot 72	45	36277	2.2	13.3730	1.9	1.7786	2.6	0.1725	1.8	0.69	1025.9	17.0
_Run2-Spot 163	204	58784	3.7	13.3515	1.7	1.7573	2.5	0.1702	1.9	0.76	1013.0	17.9
_Run2-Spot 218	79	50414	3.0	13.3471	1.5	1.6841	2.8	0.1630	2.3	0.85	973.5	21.0
1_Run1-Spot 94	117	61177	4.1	13.3463	1.4	1.7463	2.0	0.1690	1.4	0.69	1006.8	12.7
_Run2-Spot 175	77	31611	0.8	13.2321	1.6	1.8149	2.1	0.1742	1.4	0.67	1035.1	13.7
_Run1-Spot 101	87	33480	2.0	13.2280	1.9	1.7438	2.7	0.1673	2.0	0.73	997.2	18.4
_Run2-Spot 194	28	51827	2.1	13.2073	3.2	1.8523	4.6	0.1774	3.3	0.71	1052.9	31.9
1_Run1-Spot 30	34	20289	0.5	13.1787	2.7	1.8657	3.7	0.1783	2.5	0.68	1057.8	24.7
1_Run1-Spot 32	48	28772	1.8	13.1631	2.4	1.8550	3.3	0.1771	2.2	0.68	1051.1	21.7
_Run2-Spot 166	137	100314	1.5	13.1415	1.3	1.8904	1.6	0.1802	1.0	0.60	1067.9	9.6
_Run2-Spot 151	30	169271	1.0	13.0570	2.8	1.9731	3.3	0.1869	1.8	0.54	1104.3	18.2
_Run2-Spot 210	310	872711	1.8	13.0348	1.1	1.9464	3.2	0.1840	3.1	0.94	1088.8	30.6
_Run2-Spot 161	44	25889	2.0	12.9992	2.2	1.7883	3.8	0.1686	3.1	0.82	1004.4	29.2
_Run1-Spot 103	66	39164	3.0	12.9960	1.3	2.0872	2.4	0.1967	2.0	0.83	1157.7	20.8
1_Run1-Spot 17	138	65457	3.2	12.9921	1.2	2.0707	2.1	0.1951	1.7	0.81	1149.0	17.8
1_Run1-Spot 78	78	143242	2.4	12.9393	1.5	2.0574	2.7	0.1931	2.2	0.84	1138.0	23.3
1_Run1-Spot 21	315	82008	3.3	12.9287	1.3	1.8987	2.0	0.1780	1.5	0.75	1056.2	14.4
_Run2-Spot 183	329	372552	3.5	12.9022	1.2	2.1121	2.1	0.1976	1.7	0.82	1162.6	18.5
1_Run1-Spot 64	321	135552	2.1	12.8734	1.2	2.0805	1.8	0.1942	1.3	0.72	1144.3	13.4
_Run2-Spot 132	123	52175	2.8	12.8729	1.7	2.0353	2.5	0.1900	1.8	0.72	1121.5	18.8
_Run2-Spot 193	20	37613	2.7	12.8707	3.2	2.0835	3.7	0.1945	1.8	0.48	1145.6	18.5
_Run2-Spot 158	39	48000	1.9	12.7328	2.1	1.9496	3.5	0.1800	2.8	0.81	1067.2	28.0
1_Run1-Spot 82	214	27039	33.6	12.7271	1.4	2.1620	3.3	0.1996	3.0	0.91	1173.0	32.6
1_Run1-Spot 43	41	20302	2.2	12.6951	2.0	2.1478	2.8	0.1978	2.0	0.70	1163.3	20.8
_Run2-Spot 169	150	64795	3.1	12.6774	1.4	2.0925	2.1	0.1924	1.5	0.72	1134.3	15.6
_Run2-Spot 154	55	214713	1.8	12.6419	1.5	1.9831	3.2	0.1818	2.9	0.89	1076.9	28.6
1_Run1-Spot 67	45	14914	2.6	12.6398	2.6	2.1263	3.2	0.1949	1.8	0.58	1148.0	19.4
1_Run1-Spot 91	71	22796	3.2	12.6105	2.1	2.0609	2.7	0.1885	1.7	0.63	1113.2	17.1
1_Run1-Spot 60	73	54679	2.8	12.5888	1.7	2.0860	2.6	0.1905	1.9	0.74	1123.8	19.8
_Run2-Spot 168	25	104606	1.8	12.5659	2.6	2.1300	3.4	0.1941	2.2	0.64	1143.7	23.2
1_Run1-Spot 28	32	15435	2.4	12.3262	2.6	2.3891	2.9	0.2136	1.3	0.46	1247.9	15.2
1_Run1-Spot 53	114	43231	3.9	12.2720	1.1	2.3017	1.9	0.2049	1.6	0.82	1201.4	17.5
_Run2-Spot 201	87	198378	3.1	12.1828	1.9	2.3875	2.3	0.2110	1.4	0.59	1233.9	15.4
_Run2-Spot 159	93	61425	3.9	12.1560	2.0	2.3448	2.9	0.2067	2.1	0.71	1211.4	22.8

TABLE DR1												
1_Run1-Spot 96	208	89706	2.8	12.1533	1.6	2.4515	2.4	0.2161	1.8	0.75	1261.1	20.2
1_Run1-Spot 1	44	21870	1.6	12.1251	2.3	2.3068	3.0	0.2029	1.9	0.64	1190.7	20.6
1_Run1-Spot 70	26	17072	0.9	12.1196	2.7	2.5488	3.8	0.2240	2.7	0.72	1303.2	32.2
_Run2-Spot 174	172	75537	1.8	11.6817	1.2	2.6098	2.1	0.2211	1.6	0.80	1287.8	19.2
_Run2-Spot 143	44	33032	1.8	11.6672	1.8	2.5519	2.7	0.2159	2.0	0.74	1260.4	23.1
1_Run1-Spot 33	295	143456	1.6	11.5827	1.2	2.5987	2.1	0.2183	1.7	0.82	1272.9	19.8
_Run1-Spot 107	137	63862	3.6	11.4460	1.7	2.8255	2.5	0.2346	1.9	0.75	1358.3	23.3
_Run2-Spot 121	36	29623	3.0	11.4118	1.6	2.8772	2.5	0.2381	1.9	0.75	1377.0	23.4
1_Run1-Spot 55	185	103241	3.0	11.3892	1.5	2.8906	2.2	0.2388	1.6	0.73	1380.3	19.5
1_Run1-Spot 54	108	75628	2.5	11.3547	1.5	2.7749	2.2	0.2285	1.5	0.70	1326.7	18.1
_Run2-Spot 162	66	45067	2.6	11.3261	1.7	2.8159	2.6	0.2313	2.0	0.75	1341.3	23.9
1_Run1-Spot 44	100	34020	2.8	11.3233	1.5	2.8858	3.3	0.2370	2.9	0.88	1371.1	35.4
1_Run1-Spot 84	69	108765	3.5	11.2596	1.8	2.8486	2.3	0.2326	1.5	0.64	1348.2	18.2
1_Run1-Spot 26	566	113736	2.7	11.1001	1.2	2.7169	3.4	0.2187	3.2	0.93	1275.2	36.6
1_Run1-Spot 39	256	46978	2.1	11.0971	1.3	3.0980	2.1	0.2493	1.7	0.79	1435.1	21.7
_Run2-Spot 182	77	41752	1.2	11.0781	1.3	3.0245	1.7	0.2430	1.1	0.66	1402.3	14.1
1_Run1-Spot 34	74	26299	1.7	10.9432	1.6	3.1386	3.7	0.2491	3.4	0.90	1433.9	43.1
_Run2-Spot 133	30	36373	1.6	10.8511	2.5	2.9937	3.1	0.2356	1.9	0.60	1363.8	22.9
_Run1-Spot 100	393	64606	4.3	10.7257	1.5	3.3328	2.3	0.2593	1.7	0.76	1486.0	22.8
1_Run1-Spot 8	110	50232	2.6	10.6682	1.6	3.3306	3.5	0.2577	3.1	0.89	1478.1	41.1
1_Run1-Spot 61	68	27725	1.5	10.6582	1.7	3.2700	2.6	0.2528	2.0	0.76	1452.8	25.9
_Run2-Spot 205	77	191134	0.9	10.6519	1.6	3.1923	4.2	0.2466	3.8	0.92	1421.0	48.9
_Run2-Spot 126	40	46229	3.2	10.6453	1.6	3.4372	4.9	0.2654	4.6	0.94	1517.3	61.9
_Run2-Spot 203	85	94343	1.8	10.6384	1.8	3.2971	2.5	0.2544	1.7	0.70	1461.1	22.5
_Run2-Spot 196	128	89552	2.3	10.6328	1.3	3.4000	2.4	0.2622	2.0	0.84	1501.1	27.2
1_Run1-Spot 10	101	25830	1.4	10.1947	1.6	3.5798	2.8	0.2647	2.3	0.83	1513.8	31.1
1_Run1-Spot 45	77	109659	3.0	10.1452	1.7	3.3702	3.4	0.2480	2.9	0.86	1428.0	37.0
_Run2-Spot 153	89	126827	1.6	10.0288	1.2	3.9498	1.8	0.2873	1.3	0.72	1628.0	18.3
1_Run1-Spot 81	155	66313	2.9	9.9792	1.6	3.9480	2.5	0.2857	1.9	0.76	1620.2	27.2
1_Run1-Spot 14	83	69832	2.3	9.9677	1.7	3.8579	2.7	0.2789	2.0	0.76	1585.8	28.6
1_Run1-Spot 52	54	97300	2.6	9.9297	1.3	3.9706	2.3	0.2859	1.9	0.82	1621.3	27.0
_Run2-Spot 113	95	178564	3.2	9.9124	1.3	3.8780	1.9	0.2788	1.4	0.73	1585.3	19.7
1_Run1-Spot 98	102	126326	4.3	9.9015	1.1	4.0166	5.4	0.2884	5.3	0.98	1633.7	76.1
_Run1-Spot 104	309	38939	2.3	9.9009	1.5	4.0358	2.0	0.2898	1.3	0.67	1640.6	18.9
_Run2-Spot 188	55	106776	2.3	9.8634	2.1	3.9561	2.7	0.2830	1.6	0.61	1606.5	23.2
_Run2-Spot 180	117	113741	2.4	9.8575	1.2	4.3225	3.0	0.3090	2.7	0.91	1735.9	40.9
_Run2-Spot 127	61	151852	1.0	9.8231	1.9	3.9366	2.4	0.2805	1.6	0.64	1593.7	21.9
1_Run1-Spot 35	64	32707	1.7	9.8184	1.4	3.9118	1.9	0.2786	1.3	0.70	1584.1	18.4
_Run2-Spot 122	368	153322	1.4	9.7956	1.3	3.9920	3.7	0.2836	3.5	0.94	1609.5	49.9
_Run2-Spot 220	126	57805	2.0	9.7811	1.2	3.9188	3.2	0.2780	3.0	0.93	1581.3	41.4
_Run2-Spot 146	109	132857	2.1	9.7767	1.2	4.1264	2.1	0.2926	1.7	0.80	1654.5	24.5
_Run2-Spot 184	49	65091	2.6	9.7739	1.6	4.0171	4.1	0.2848	3.8	0.93	1615.3	54.7
_Run2-Spot 215	33	30678	2.2	9.6921	2.1	3.9713	2.7	0.2792	1.6	0.61	1587.1	23.1
1_Run1-Spot 95	744	94715	27.5	9.6031	1.1	3.3734	2.0	0.2349	1.7	0.83	1360.4	20.5
_Run2-Spot 208	37	38917	1.9	9.5680	1.7	4.2827	2.1	0.2972	1.2	0.60	1677.4	18.5
_Run2-Spot 160	164	122329	1.4	9.5509	1.4	4.4500	2.5	0.3083	2.1	0.83	1732.1	31.4

TABLE DR1												
_Run2-Spot 123	71	94720	1.4	9.4973	1.8	3.8686	2.5	0.2665	1.7	0.68	1522.9	23.0
_Run2-Spot 125	166	63215	3.2	9.4871	1.0	4.5002	3.2	0.3096	3.1	0.95	1739.0	46.5
_Run2-Spot 185	130	144809	3.3	9.4819	1.3	4.5506	2.0	0.3129	1.6	0.77	1755.2	24.0
_Run2-Spot 156	504	186352	2.4	9.4362	1.2	4.4537	2.1	0.3048	1.8	0.84	1715.1	26.9
1_Run1-Spot 57	154	19505	1.5	9.4126	1.1	4.4442	1.9	0.3034	1.5	0.80	1708.1	22.4
1_Run1-Spot 88	198	86941	2.5	9.4113	1.2	4.3757	1.6	0.2987	1.1	0.68	1684.7	16.3
1_Run1-Spot 11	122	86394	2.7	9.3718	1.7	4.5257	2.2	0.3076	1.3	0.62	1729.0	20.4
1_Run1-Spot 5	47	17682	2.0	9.3418	1.9	4.3380	2.6	0.2939	1.7	0.67	1661.1	25.0
_Run2-Spot 130	106	65450	3.2	9.2569	1.5	4.5090	2.2	0.3027	1.7	0.75	1704.8	24.8
_Run2-Spot 197	271	235197	3.6	9.1844	1.1	4.7274	1.7	0.3149	1.3	0.75	1764.8	19.7
_Run1-Spot 110	132	51298	3.8	9.1130	1.2	4.8182	2.8	0.3185	2.5	0.91	1782.2	39.7
1_Run1-Spot 2	103	108615	2.3	9.0881	1.1	4.7256	2.7	0.3115	2.5	0.92	1748.0	37.8
1_Run1-Spot 77	111	133473	1.1	9.0832	1.3	4.8065	2.2	0.3166	1.8	0.82	1773.3	28.4
1_Run1-Spot 38	49	40594	2.2	9.0465	1.1	4.8378	1.8	0.3174	1.5	0.80	1777.1	22.7
1_Run1-Spot 85	92	57279	1.2	9.0140	1.2	4.8439	2.2	0.3167	1.8	0.83	1773.5	28.5
_Run2-Spot 167	35	153321	3.0	8.9895	2.2	4.9836	3.0	0.3249	2.1	0.68	1813.7	32.6
_Run2-Spot 198	82	58537	2.8	8.9450	1.2	4.8783	2.5	0.3165	2.2	0.88	1772.5	34.5
_Run2-Spot 171	58	32856	0.9	8.9423	1.7	5.0166	2.6	0.3254	1.9	0.75	1815.8	30.3
1_Run1-Spot 92	167	66524	2.3	8.9092	1.1	5.1005	1.9	0.3296	1.5	0.82	1836.3	24.4
1_Run1-Spot 71	147	106567	2.1	8.9020	1.1	4.3304	2.1	0.2796	1.8	0.86	1589.3	25.5
1_Run1-Spot 63	85	119118	1.3	8.9014	1.6	5.0777	2.9	0.3278	2.4	0.84	1827.8	39.0
_Run2-Spot 152	279	74023	1.2	8.7969	0.9	5.1121	1.8	0.3262	1.6	0.86	1819.7	25.1
_Run2-Spot 155	128	132106	4.2	8.6729	1.3	5.3610	2.1	0.3372	1.6	0.77	1873.3	25.9
1_Run1-Spot 27	31	17783	1.1	8.6463	2.1	5.1616	3.4	0.3237	2.6	0.78	1807.7	41.2
_Run2-Spot 150	141	44082	4.7	8.5867	1.3	4.6637	2.1	0.2904	1.7	0.80	1643.7	24.2
_Run2-Spot 129	170	213017	2.3	8.3656	1.2	5.7385	2.6	0.3482	2.3	0.88	1925.9	37.6
_Run2-Spot 144	71	124151	1.2	8.2338	1.4	5.8423	2.2	0.3489	1.7	0.78	1929.3	28.5
_Run2-Spot 213	83	76124	1.4	8.2005	1.5	5.7501	2.4	0.3420	1.8	0.77	1896.2	29.7
1_Run1-Spot 23	198	33237	2.3	8.1711	1.2	5.8992	1.9	0.3496	1.5	0.78	1932.7	25.4
_Run2-Spot 172	235	51349	5.5	6.3107	1.1	10.2018	1.9	0.4669	1.5	0.82	2470.1	31.1
1_Run1-Spot 40	658	783855	6.3	5.9625	1.2	8.8694	3.3	0.3836	3.0	0.93	2092.8	54.5
_Run2-Spot 149	202	55579	8.1	5.4973	1.2	12.2959	2.4	0.4902	2.0	0.85	2571.7	42.3
1_Run1-Spot 66	39	21134	1.5	5.3036	1.3	13.3815	2.4	0.5147	2.0	0.83	2676.8	43.6
_Run2-Spot 114	18	75956	1.1	5.2138	1.3	13.8862	2.0	0.5251	1.4	0.73	2720.8	32.1
_Run2-Spot 219	36	110480	0.8	5.2023	1.5	13.3968	2.6	0.5055	2.1	0.81	2637.3	45.2
_Run1-Spot 109	28	127621	1.3	5.1548	1.1	13.8913	2.6	0.5193	2.3	0.90	2696.4	50.8
_Run2-Spot 192	41	69213	2.3	5.0266	1.0	14.9523	1.9	0.5451	1.7	0.86	2804.8	38.0

Table DR1N U-Pb geochronologic analyses SYN14-03												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	
3_Run1-Spot 10	103	5369	1.9	16.9494	6.2	0.1384	6.5	0.0170	2.0	0.31	108.8	2.2
3_Run1-Spot 83	85	1994	2.8	22.2271	7.1	0.1096	7.5	0.0177	2.6	0.34	112.9	2.9
_Run2-Spot 199	557	59596	1.3	20.6551	2.8	0.1286	3.4	0.0193	1.8	0.55	123.0	2.2
_Run2-Spot 217	409	33329	2.3	19.5813	3.1	0.1814	5.1	0.0258	4.0	0.79	164.0	6.5
_Run2-Spot 171	338	25648	1.0	19.6610	2.9	0.2605	3.5	0.0371	1.9	0.54	235.1	4.3

TABLE DR1												
_Run2-Spot 170	210	18867	1.5	18.6029	2.7	0.3419	3.2	0.0461	1.7	0.54	290.7	4.9
3_Run1-Spot 43	163	43027	0.5	18.0970	3.1	0.3866	3.7	0.0507	2.1	0.57	319.1	6.7
3_Run1-Spot 27	424	34385	1.5	18.2377	2.4	0.4029	3.1	0.0533	2.0	0.64	334.7	6.4
_Run2-Spot 202	740	99776	2.1	18.0853	2.3	0.4217	3.4	0.0553	2.5	0.72	347.1	8.3
3_Run1-Spot 13	581	49860	1.9	18.1987	2.1	0.4232	3.0	0.0559	2.1	0.71	350.4	7.2
3_Run1-Spot 46	504	182080	1.3	18.3958	2.2	0.4403	2.7	0.0587	1.7	0.61	368.0	6.0
3_Run1-Spot 91	619	28736	1.0	15.2981	1.6	0.5471	2.5	0.0607	1.9	0.78	379.9	7.2
_Run2-Spot 210	193	44810	3.2	17.7825	2.3	0.4897	3.1	0.0632	2.1	0.66	394.8	7.9
3_Run1-Spot 55	522	27590	1.1	17.9922	2.2	0.4922	3.5	0.0642	2.7	0.77	401.3	10.6
3_Run1-Spot 78	123	26103	2.3	18.5485	1.9	0.4790	3.0	0.0644	2.3	0.77	402.6	9.1
3_Run1-Spot 89	171	109174	3.0	18.8402	2.9	0.4725	3.2	0.0646	1.5	0.45	403.3	5.7
_Run2-Spot 183	195	28056	1.0	17.3875	2.3	0.5325	3.0	0.0672	1.9	0.63	419.0	7.6
_Run2-Spot 215	166	31962	2.4	17.4106	3.0	0.5374	3.8	0.0679	2.3	0.62	423.2	9.6
_Run2-Spot 219	420	272552	1.0	17.7776	1.8	0.5277	2.5	0.0680	1.7	0.69	424.3	7.1
3_Run1-Spot 26	131	39411	1.4	18.1190	2.8	0.5193	3.3	0.0682	1.8	0.54	425.6	7.3
3_Run1-Spot 47	247	34300	1.8	17.9657	2.9	0.5241	3.3	0.0683	1.5	0.46	425.9	6.3
_Run2-Spot 180	244	157833	1.5	18.1938	2.4	0.5218	3.3	0.0689	2.2	0.69	429.3	9.3
3_Run1-Spot 80	175	33545	1.4	18.1601	2.4	0.5252	2.8	0.0692	1.4	0.50	431.2	5.8
_Run2-Spot 120	282	49429	1.6	18.0091	2.0	0.5347	2.6	0.0698	1.6	0.60	435.2	6.5
_Run2-Spot 173	311	26888	1.8	17.9846	2.0	0.5355	2.9	0.0698	2.1	0.73	435.2	9.0
3_Run1-Spot 82	148	46496	1.3	17.8522	2.5	0.5401	3.2	0.0699	2.0	0.63	435.7	8.5
3_Run1-Spot 99	129	29050	2.0	18.0205	2.9	0.5686	3.7	0.0743	2.3	0.62	462.1	10.2
3_Run1-Spot 51	153	116889	1.4	17.3573	2.2	0.5917	2.8	0.0745	1.8	0.64	463.1	8.1
3_Run1-Spot 66	69	45314	1.5	17.7459	2.8	0.5829	6.5	0.0750	5.8	0.90	466.3	26.3
3_Run1-Spot 40	243	80975	3.7	17.9231	2.4	0.5876	3.2	0.0764	2.1	0.65	474.5	9.5
3_Run1-Spot 56	250	55717	1.1	17.5041	2.1	0.6017	2.7	0.0764	1.7	0.62	474.5	7.8
3_Run1-Spot 62	439	59829	6.6	17.0259	1.6	0.6196	2.3	0.0765	1.7	0.74	475.3	7.9
3_Run1-Spot 50	444	36170	6.5	17.4605	1.2	0.6235	1.8	0.0790	1.3	0.73	489.9	6.2
_Run2-Spot 161	149	31411	3.1	16.6355	2.2	0.7121	2.8	0.0859	1.7	0.61	531.3	8.9
_Run2-Spot 205	128	27555	1.2	16.9760	3.0	0.7012	4.9	0.0863	3.9	0.79	533.8	19.9
3_Run1-Spot 59	275	38935	15.8	17.0386	1.9	0.7014	2.7	0.0867	2.0	0.73	535.9	10.2
3_Run1-Spot 14	627	76130	1.7	16.0171	1.7	0.7744	2.2	0.0900	1.3	0.63	555.3	7.2
_Run2-Spot 184	463	60361	4.0	16.3832	1.3	0.7772	1.9	0.0923	1.4	0.72	569.4	7.4
_Run2-Spot 185	638	64102	8.9	17.0250	1.3	0.7492	2.2	0.0925	1.8	0.82	570.4	9.7
4-3_Run1-Spot 9	202	728216	1.3	16.6591	1.5	0.7767	2.2	0.0938	1.5	0.70	578.2	8.4
_Run2-Spot 194	591	40230	2.0	16.2705	1.2	0.7968	2.0	0.0940	1.7	0.82	579.3	9.2
3_Run1-Spot 61	361	65508	24.5	16.4024	2.1	0.7933	2.8	0.0944	2.0	0.69	581.3	10.9
_Run2-Spot 212	488	61022	11.7	16.3382	1.9	0.8231	2.9	0.0975	2.2	0.75	599.9	12.4
_Run2-Spot 116	164	77860	1.5	16.4603	2.2	0.8251	2.6	0.0985	1.4	0.52	605.6	7.9
_Run2-Spot 190	379	115442	0.9	15.9963	2.0	0.8553	4.1	0.0992	3.6	0.88	609.9	21.1
3_Run1-Spot 15	188	253262	1.6	16.3865	2.1	0.8389	3.2	0.0997	2.4	0.75	612.7	13.8
_Run2-Spot 168	123	29833	1.1	15.6807	2.1	0.8775	4.1	0.0998	3.6	0.87	613.2	20.8
3_Run1-Spot 86	437	50896	1.0	16.5064	1.4	0.8373	2.4	0.1002	1.9	0.80	615.8	11.2
3_Run1-Spot 74	220	45444	4.5	16.8051	1.1	0.8340	3.9	0.1016	3.7	0.96	624.1	22.2
_Run2-Spot 137	619	145658	2.7	15.6754	1.4	0.8942	2.2	0.1017	1.6	0.76	624.2	9.7
_Run2-Spot 149	162	66351	2.2	15.9696	2.3	0.8874	4.0	0.1028	3.3	0.83	630.7	19.9

TABLE DR1												
_Run2-Spot 142	251	45184	3.0	14.5656	1.5	1.2186	2.4	0.1287	1.9	0.80	780.6	14.0
_Run2-Spot 122	359	61665	1.9	14.9515	1.3	1.2849	2.7	0.1393	2.4	0.88	840.9	19.0
_Run2-Spot 198	575	126611	2.2	14.3094	1.4	1.5276	2.0	0.1585	1.3	0.67	948.7	11.7
_Run1-Spot 104	88	37955	3.0	14.7354	2.6	1.4459	4.7	0.1545	3.9	0.84	926.3	33.8
_Run2-Spot 204	157	63065	0.7	14.0018	1.8	1.5694	2.8	0.1594	2.2	0.78	953.3	19.5
3_Run1-Spot 54	364	105278	1.2	13.9891	1.6	1.6018	2.6	0.1625	2.0	0.77	970.8	17.8
_Run2-Spot 118	405	381649	2.2	13.9010	1.0	1.6348	1.9	0.1648	1.7	0.87	983.5	15.3
3_Run1-Spot 57	222	102317	2.8	13.8335	1.7	1.6907	2.2	0.1696	1.3	0.62	1010.0	12.5
_Run1-Spot 109	80	93418	2.3	13.8282	2.1	1.6628	2.6	0.1668	1.6	0.60	994.3	14.3
_Run2-Spot 164	92	59289	2.3	13.7260	1.9	1.5033	3.0	0.1496	2.3	0.77	899.0	19.4
_Run2-Spot 211	304	124608	44.4	13.5550	1.4	1.7861	3.0	0.1756	2.7	0.88	1042.8	25.6
_Run2-Spot 206	242	67781	5.3	13.5364	1.0	1.6867	2.2	0.1656	2.0	0.90	987.8	18.3
_Run2-Spot 165	106	112566	1.1	13.5329	1.8	1.6404	2.4	0.1610	1.7	0.68	962.4	14.8
3_Run1-Spot 19	447	82491	4.0	13.3447	1.3	1.5650	2.3	0.1515	1.9	0.82	909.2	16.0
_Run1-Spot 106	165	38973	2.8	13.2804	1.6	1.8286	2.4	0.1761	1.8	0.76	1045.8	17.3
_Run2-Spot 134	810	86448	6.0	13.2708	1.1	1.7434	2.1	0.1678	1.7	0.84	1000.0	16.1
4-3_Run1-Spot 1	30	11604	1.4	13.2578	3.4	1.5343	3.9	0.1475	1.8	0.47	887.1	15.1
_Run2-Spot 125	126	59564	2.9	13.2455	1.8	1.7422	3.8	0.1674	3.4	0.88	997.6	31.1
_Run2-Spot 157	334	87975	3.3	13.2266	1.3	1.8574	3.4	0.1782	3.1	0.93	1057.0	30.7
_Run2-Spot 214	104	55656	0.8	13.2224	1.7	1.7624	2.8	0.1690	2.2	0.80	1006.7	20.9
3_Run1-Spot 24	148	119656	119.3	13.2107	1.6	1.9408	2.6	0.1860	2.1	0.79	1099.4	21.0
_Run2-Spot 196	152	25800	2.5	13.1852	1.5	1.8493	2.7	0.1768	2.3	0.83	1049.7	22.1
_Run2-Spot 143	211	98161	1.6	13.1839	1.1	1.8808	1.7	0.1798	1.3	0.76	1066.1	13.1
3_Run1-Spot 42	112	48563	2.7	13.1187	1.8	1.9609	2.6	0.1866	1.9	0.72	1102.8	19.0
_Run2-Spot 160	100	41580	1.8	13.1102	1.9	1.8749	2.5	0.1783	1.7	0.66	1057.6	16.4
3_Run1-Spot 23	310	147886	2.8	12.9632	1.3	1.7893	2.2	0.1682	1.8	0.80	1002.3	16.4
_Run2-Spot 197	96	40952	2.7	12.8638	2.2	2.0579	3.1	0.1920	2.1	0.68	1132.2	21.8
_Run2-Spot 169	505	91550	12.3	12.8580	1.1	1.8623	1.8	0.1737	1.4	0.77	1032.3	12.9
_Run2-Spot 220	142	56747	2.5	12.7643	1.4	2.0904	2.3	0.1935	1.8	0.78	1140.4	18.8
_Run2-Spot 153	100	54273	0.9	12.7273	2.5	1.7613	4.0	0.1626	3.1	0.78	971.1	28.1
_Run2-Spot 145	308	64057	3.2	12.6863	1.2	2.1242	2.5	0.1954	2.2	0.87	1150.8	23.3
3_Run1-Spot 11	209	67733	1.3	12.6448	1.7	1.8268	4.2	0.1675	3.8	0.92	998.5	35.2
_Run2-Spot 155	94	27334	1.5	12.6398	1.5	1.9214	2.4	0.1761	1.9	0.77	1045.9	18.1
3_Run1-Spot 77	136	30946	2.4	12.6039	2.7	1.9674	3.5	0.1798	2.3	0.65	1066.1	22.5
_Run2-Spot 129	349	85477	2.2	12.5889	1.1	1.9160	2.0	0.1749	1.6	0.83	1039.2	15.8
3_Run1-Spot 49	303	73349	1.7	12.4400	1.7	2.1689	2.6	0.1957	1.9	0.76	1152.1	20.6
_Run2-Spot 113	108	249393	2.5	12.3901	1.7	2.2425	3.0	0.2015	2.4	0.82	1183.4	26.3
_Run2-Spot 213	243	38036	4.0	12.3707	1.6	2.3244	2.6	0.2085	2.1	0.80	1221.1	23.4
3_Run1-Spot 72	169	45746	2.1	12.1883	1.6	2.3949	2.6	0.2117	2.1	0.80	1237.9	23.8
_Run2-Spot 172	180	67504	2.3	11.9077	1.4	2.5825	2.4	0.2230	2.0	0.82	1297.9	23.1
_Run2-Spot 119	155	27142	2.5	11.7971	1.8	2.1136	3.5	0.1808	3.0	0.86	1071.6	29.9
3_Run1-Spot 93	121	37890	3.0	11.7378	1.6	2.6714	2.5	0.2274	1.9	0.78	1321.0	23.1
3_Run1-Spot 53	260	132849	1.8	11.5942	1.5	2.5728	2.7	0.2163	2.2	0.82	1262.5	25.1
_Run2-Spot 163	202	42972	2.3	11.4178	1.9	2.5033	2.6	0.2073	1.8	0.70	1214.4	19.9
_Run2-Spot 182	767	171740	16.4	11.3838	1.1	2.4434	2.3	0.2017	2.0	0.89	1184.6	21.8
_Run2-Spot 121	88	408878	2.3	11.3003	1.6	2.8759	2.2	0.2357	1.5	0.68	1364.3	18.8

TABLE DR1												
3_Run1-Spot 48	91	74023	3.0	11.2495	1.7	2.8907	2.6	0.2359	1.9	0.74	1365.1	23.9
_Run2-Spot 200	172	61936	3.8	11.2317	1.8	2.8820	2.4	0.2348	1.7	0.69	1359.4	20.5
_Run2-Spot 195	332	84054	3.6	11.1624	1.6	2.9592	2.8	0.2396	2.3	0.83	1384.5	28.6
_Run2-Spot 141	337	381175	6.2	11.0159	1.2	2.9036	2.0	0.2320	1.6	0.81	1344.9	19.9
_Run2-Spot 166	507	118787	4.2	10.9882	1.4	3.0945	1.9	0.2466	1.3	0.70	1421.0	17.0
_Run2-Spot 188	123	375923	2.5	10.9851	1.6	2.9239	2.4	0.2330	1.9	0.77	1350.0	22.7
3_Run1-Spot 92	606	173647	2.2	10.9781	1.1	3.0782	2.2	0.2451	2.0	0.88	1413.1	24.9
3_Run1-Spot 16	312	204570	3.7	10.7788	1.3	3.0148	2.8	0.2357	2.5	0.88	1364.2	30.6
_Run1-Spot 100	236	231411	2.5	10.7771	1.3	3.3356	2.2	0.2607	1.8	0.81	1493.5	24.2
_Run1-Spot 107	223	155425	5.5	10.7341	1.0	3.2859	1.9	0.2558	1.6	0.84	1468.4	21.5
_Run2-Spot 209	447	155564	2.0	10.7241	1.2	3.0497	2.3	0.2372	2.0	0.87	1372.2	25.1
_Run2-Spot 115	91	31421	1.7	10.6555	1.7	3.2904	2.6	0.2543	2.0	0.76	1460.5	26.0
_Run2-Spot 147	175	76393	2.0	10.6483	1.3	3.3816	2.3	0.2612	1.9	0.82	1495.7	25.0
_Run2-Spot 175	279	169190	2.9	10.6408	1.7	3.2040	2.6	0.2473	2.0	0.75	1424.4	25.3
3_Run1-Spot 87	81	51007	1.6	10.6260	1.6	3.2870	2.4	0.2533	1.8	0.76	1455.6	23.6
_Run2-Spot 179	694	153643	2.6	10.6190	1.4	3.2445	2.9	0.2499	2.6	0.88	1437.9	33.3
_Run1-Spot 102	429	243684	3.6	10.5850	1.0	3.2845	2.1	0.2522	1.8	0.87	1449.6	23.4
_Run2-Spot 124	354	338137	2.8	10.5627	1.3	2.8430	2.1	0.2178	1.7	0.79	1270.2	19.2
_Run2-Spot 191	146	94653	1.6	10.5607	1.6	3.3203	2.2	0.2543	1.6	0.72	1460.7	21.1
3_Run1-Spot 17	121	25061	2.3	10.5603	1.7	3.4356	2.8	0.2631	2.1	0.78	1505.9	28.7
3_Run1-Spot 69	391	142567	3.1	10.5534	1.6	3.2138	2.3	0.2460	1.5	0.68	1417.7	19.6
_Run2-Spot 152	47	32797	1.9	10.5459	2.3	3.2379	3.0	0.2477	1.9	0.63	1426.4	23.9
3_Run1-Spot 96	400	80921	1.6	10.5452	1.1	3.3952	2.3	0.2597	2.1	0.88	1488.2	27.3
_Run2-Spot 133	136	77690	2.2	10.5080	1.5	3.2871	3.4	0.2505	3.0	0.89	1441.1	38.5
_Run2-Spot 201	167	157913	3.1	10.3780	1.8	3.0358	2.7	0.2285	1.9	0.73	1326.6	23.2
_Run2-Spot 144	44	73645	2.9	10.3557	2.8	3.4964	3.0	0.2626	1.3	0.41	1503.2	16.8
_Run2-Spot 131	211	131263	2.2	10.3234	1.3	3.7439	2.4	0.2803	2.1	0.85	1592.9	29.4
3_Run1-Spot 79	226	144767	1.6	10.2720	1.6	3.5527	2.4	0.2647	1.7	0.72	1513.7	22.9
3_Run1-Spot 12	202	32775	2.1	10.2634	1.5	3.2449	1.9	0.2415	1.2	0.63	1394.7	15.3
3_Run1-Spot 18	160	192591	1.6	10.1961	1.7	3.5770	2.5	0.2645	1.9	0.74	1512.9	25.1
_Run2-Spot 207	293	47316	1.0	10.1650	1.2	2.9771	3.1	0.2195	2.8	0.92	1279.1	33.0
_Run2-Spot 159	271	69268	6.4	10.1619	1.1	3.7232	2.2	0.2744	1.9	0.86	1563.1	26.6
3_Run1-Spot 67	402	99906	2.9	10.1258	1.3	3.4726	3.1	0.2550	2.8	0.91	1464.3	37.2
_Run2-Spot 192	226	60798	4.0	10.0935	1.4	3.6095	2.3	0.2642	1.9	0.80	1511.5	25.3
_Run1-Spot 103	167	111226	1.8	10.0477	1.1	3.8693	2.1	0.2820	1.8	0.85	1601.2	25.6
_Run2-Spot 174	155	150727	2.7	10.0288	1.4	3.8598	2.0	0.2807	1.4	0.72	1595.1	20.1
3_Run1-Spot 76	279	72253	3.8	10.0118	1.3	3.8077	2.4	0.2765	2.0	0.84	1573.6	28.4
3_Run1-Spot 90	499	56005	2.5	9.9811	1.3	3.8635	2.3	0.2797	1.9	0.82	1589.7	26.7
_Run2-Spot 154	107	61037	1.7	9.9799	2.1	3.8832	3.0	0.2811	2.2	0.73	1596.7	31.3
3_Run1-Spot 98	75	36989	1.3	9.9797	1.9	3.7204	2.8	0.2693	2.0	0.72	1537.1	27.2
_Run2-Spot 156	311	52546	3.3	9.9662	0.9	4.0812	2.5	0.2950	2.3	0.93	1666.4	33.7
_Run2-Spot 128	281	66726	2.7	9.9466	0.7	3.9812	1.5	0.2872	1.4	0.90	1627.5	19.4
_Run2-Spot 146	85	37041	1.2	9.9408	1.6	3.8678	2.3	0.2789	1.6	0.71	1585.6	22.7
_Run2-Spot 178	143	69517	1.3	9.9232	1.6	3.9961	3.2	0.2876	2.7	0.85	1629.5	38.7
3_Run1-Spot 75	99	84235	1.5	9.9086	1.2	3.9525	2.2	0.2840	1.8	0.82	1611.7	25.7
3_Run1-Spot 29	230	65320	1.2	9.8648	1.1	3.8654	2.1	0.2766	1.8	0.84	1574.0	25.2

TABLE DR1												
_Run2-Spot 218	334	96439	2.3	9.8624	1.1	4.0532	2.1	0.2899	1.8	0.86	1641.1	26.0
_Run2-Spot 150	155	119594	1.3	9.8432	0.9	4.1596	2.2	0.2970	2.0	0.91	1676.2	29.5
3_Run1-Spot 73	221	53242	2.5	9.7420	1.2	4.0004	2.7	0.2827	2.4	0.89	1604.7	34.7
_Run2-Spot 208	57	2619192	0.9	9.7366	1.8	3.4641	4.9	0.2446	4.6	0.93	1410.7	58.1
4-3_Run1-Spot 5	154	123729	1.1	9.6526	1.2	4.2561	2.1	0.2980	1.7	0.80	1681.2	24.7
_Run2-Spot 167	556	540927	3.1	9.5668	1.3	4.0534	2.5	0.2812	2.2	0.85	1597.6	30.6
3_Run1-Spot 41	215	70662	1.6	9.5480	1.5	4.2338	2.6	0.2932	2.1	0.80	1657.4	30.1
_Run2-Spot 187	365	95797	2.2	9.5243	1.6	4.2663	2.2	0.2947	1.5	0.66	1665.0	21.3
3_Run1-Spot 70	106	67878	1.8	9.4897	2.7	3.7018	5.0	0.2548	4.2	0.84	1463.1	54.5
4-3_Run1-Spot 8	592	257156	6.4	9.4188	1.2	4.3989	2.2	0.3005	1.8	0.84	1693.8	27.3
4-3_Run1-Spot 2	421	160432	5.0	9.3857	1.2	4.7545	2.2	0.3236	1.8	0.82	1807.5	27.8
3_Run1-Spot 64	751	64535	3.4	9.3189	1.0	4.6160	1.6	0.3120	1.3	0.81	1750.4	20.5
3_Run1-Spot 84	220	180360	0.5	9.3123	1.3	4.6106	2.2	0.3114	1.8	0.82	1747.6	28.0
3_Run1-Spot 60	543	347440	3.7	9.2368	1.1	4.5654	2.1	0.3058	1.7	0.84	1720.2	26.0
_Run2-Spot 123	313	262158	3.6	9.0956	1.2	4.6426	2.3	0.3063	1.9	0.86	1722.3	29.2
_Run2-Spot 193	775	218377	2.3	9.0841	1.2	4.1408	2.5	0.2728	2.2	0.87	1555.1	30.2
3_Run1-Spot 65	68	68733	0.9	9.0476	1.1	4.8323	2.3	0.3171	2.0	0.87	1775.5	31.3
3_Run1-Spot 58	195	183083	2.8	8.8117	1.3	5.2530	3.9	0.3357	3.7	0.94	1866.0	59.3
_Run2-Spot 189	208	68084	2.1	8.5702	1.5	4.6609	2.3	0.2897	1.8	0.78	1640.1	26.0
_Run1-Spot 110	45	195486	5.6	8.4539	1.5	5.3093	2.5	0.3255	2.0	0.80	1816.7	31.9
_Run2-Spot 203	115	68800	5.5	8.3185	1.5	5.4842	2.4	0.3309	1.9	0.78	1842.6	29.9
3_Run1-Spot 20	108	35363	2.2	8.3100	1.7	5.8121	2.5	0.3503	1.8	0.72	1936.0	29.9
3_Run1-Spot 28	380	223994	3.4	8.2762	1.0	5.2209	2.1	0.3134	1.8	0.87	1757.3	27.9
3_Run1-Spot 97	247	235688	2.7	8.2627	0.9	5.8968	2.0	0.3534	1.8	0.90	1950.7	30.3
_Run2-Spot 140	227	148109	1.8	8.2304	1.2	5.7448	2.0	0.3429	1.5	0.78	1900.7	25.2
_Run2-Spot 162	690	335424	8.7	8.1134	1.5	5.0122	3.9	0.2949	3.6	0.93	1666.2	52.5
3_Run1-Spot 95	425	60980	4.9	8.0703	1.5	5.2839	4.2	0.3093	4.0	0.94	1737.1	60.4
_Run2-Spot 186	138	69083	5.0	7.7206	1.2	6.2284	3.1	0.3488	2.8	0.92	1928.7	47.3
_Run2-Spot 176	170	433183	1.7	5.7240	1.3	10.6747	2.1	0.4432	1.7	0.80	2364.7	33.1
3_Run1-Spot 94	268	172794	2.2	5.6681	1.6	11.1152	3.1	0.4569	2.6	0.84	2426.0	52.3
_Run2-Spot 136	300	176475	217.1	5.5912	1.1	12.3084	2.0	0.4991	1.7	0.84	2610.0	36.6
3_Run1-Spot 88	374	60514	4.1	5.5902	1.3	11.5296	2.4	0.4675	2.0	0.84	2472.4	41.3
_Run2-Spot 112	335	93202	3.6	5.4805	0.9	11.3734	1.9	0.4521	1.7	0.90	2404.5	35.0
4-3_Run1-Spot 4	340	160302	1.9	5.3807	0.9	13.1219	1.6	0.5121	1.4	0.84	2665.5	29.7
_Run2-Spot 111	56	103035	1.5	5.3731	1.3	13.0291	2.4	0.5077	2.1	0.85	2647.0	44.7
4-3_Run1-Spot 3	82	69602	0.9	5.3517	1.5	12.9618	2.3	0.5031	1.8	0.76	2627.1	38.0
_Run2-Spot 177	490	52581	1.8	5.0595	0.9	14.5967	2.1	0.5356	1.8	0.90	2765.1	41.4
_Run2-Spot 181	141	208462	1.0	4.9620	0.8	14.5465	1.9	0.5235	1.7	0.89	2714.0	37.3

Table DR10 U-Pb geochronologic analyses SYN14-04												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
4 run 3-Spot 307	610	67945	0.7	19.9136	2.9	0.2408	4.5	0.0348	3.3	0.75	220.3	7.2
4 run 3-Spot 243	600	90403	1.6	19.5045	2.2	0.2749	4.3	0.0389	3.7	0.85	245.9	8.9
_Run2-Spot 163	40	22438	1.0	17.3254	5.7	0.3808	6.5	0.0478	3.1	0.48	301.3	9.1
4 run 3-Spot 315	274	30334	2.4	18.6038	2.6	0.3585	5.3	0.0484	4.7	0.88	304.5	13.9

TABLE DR1												
-4 run 1-Spot 95	261	36710	1.9	19.1890	3.7	0.3738	5.3	0.0520	3.8	0.71	327.0	12.0
4 run 3-Spot 311	380	37085	2.9	18.7395	2.3	0.3997	3.3	0.0543	2.4	0.72	341.0	7.9
_Run2-Spot 205	425	122546	8.5	18.8321	3.0	0.3983	4.1	0.0544	2.9	0.70	341.5	9.6
4 run 3-Spot 225	344	29396	1.7	18.7007	3.1	0.4104	4.4	0.0557	3.1	0.70	349.2	10.5
_Run2-Spot 218	55	14483	1.9	18.3855	5.1	0.4463	6.7	0.0595	4.3	0.65	372.7	15.7
4 run 3-Spot 222	330	36414	1.3	18.3493	2.2	0.4551	3.8	0.0606	3.1	0.83	379.0	11.6
-4 run 1-Spot 90	520	112949	1.5	18.3879	2.1	0.4555	2.9	0.0607	2.0	0.69	380.2	7.5
-4 run 1-Spot 85	257	16858	1.9	18.4959	2.5	0.4630	4.0	0.0621	3.2	0.79	388.4	12.0
-4 run 1-Spot 45	98	41241	3.1	17.4882	3.6	0.4957	5.0	0.0629	3.5	0.70	393.0	13.5
_Run2-Spot 144	219	31532	2.2	18.1995	1.9	0.4763	3.2	0.0629	2.6	0.80	393.1	9.8
4 run 3-Spot 229	1311	72983	7.0	18.3972	2.2	0.4754	3.8	0.0634	3.0	0.81	396.5	11.7
4 run 3-Spot 319	305	35861	2.2	18.6983	2.6	0.4697	3.4	0.0637	2.2	0.65	398.1	8.5
4 run 3-Spot 238	370	213658	1.2	18.4456	1.9	0.4777	3.5	0.0639	3.0	0.85	399.3	11.6
4 run 3-Spot 269	320	144566	1.5	18.7509	2.5	0.4707	4.8	0.0640	4.1	0.86	400.0	16.0
_Run2-Spot 116	209	30825	1.6	18.2039	2.3	0.4911	3.7	0.0648	2.8	0.77	405.0	11.0
-4 run 1-Spot 53	253	74122	1.7	17.8539	2.3	0.5037	3.5	0.0652	2.6	0.74	407.3	10.2
4-4 run 1-Spot 1	147	29125	2.2	17.7519	4.5	0.5089	5.2	0.0655	2.6	0.50	409.1	10.2
_Run2-Spot 213	223	39952	1.6	17.9216	2.8	0.5050	3.6	0.0656	2.3	0.64	409.9	9.2
_Run2-Spot 200	220	60731	1.7	18.3046	2.7	0.4990	4.0	0.0662	2.9	0.72	413.5	11.5
_Run2-Spot 191	235	37522	3.9	17.8501	3.0	0.5134	4.0	0.0665	2.6	0.65	414.8	10.4
4 run 3-Spot 265	268	39609	1.6	17.4621	2.0	0.5304	3.5	0.0672	2.9	0.82	419.1	11.8
_Run2-Spot 139	127	33833	1.0	17.6420	3.0	0.5264	4.1	0.0673	2.8	0.67	420.2	11.2
_Run2-Spot 182	556	147157	3.1	17.8335	1.9	0.5262	3.2	0.0681	2.7	0.82	424.5	10.9
-4 run 1-Spot 42	107	37974	1.2	17.5595	4.6	0.5347	5.5	0.0681	3.0	0.55	424.7	12.5
4 run 3-Spot 257	64	9850	1.8	17.0617	5.4	0.5524	6.1	0.0684	2.9	0.48	426.3	12.1
_Run2-Spot 153	206	160861	0.9	17.9215	2.6	0.5261	3.1	0.0684	1.8	0.56	426.4	7.2
-4 run 1-Spot 60	265	101400	1.2	17.1385	2.2	0.5913	3.8	0.0735	3.1	0.82	457.2	13.7
_Run2-Spot 141	221	88007	4.3	17.5508	3.3	0.5855	4.5	0.0745	3.0	0.67	463.4	13.4
4 run 3-Spot 282	75	211575	2.3	16.3423	3.4	0.6975	5.1	0.0827	3.8	0.74	512.1	18.5
4 run 3-Spot 250	52	26898	0.9	16.3999	3.4	0.6968	4.4	0.0829	2.8	0.63	513.3	13.7
4 run 3-Spot 293	222	36200	1.2	14.6120	2.7	0.7823	3.5	0.0829	2.2	0.63	513.4	11.0
_Run2-Spot 186	114	23483	1.3	17.2703	3.3	0.6710	6.4	0.0840	5.5	0.86	520.2	27.5
4 run 3-Spot 286	55	16671	1.1	16.9874	3.9	0.6925	5.2	0.0853	3.4	0.66	527.8	17.3
-4 run 1-Spot 38	371	102111	1.4	16.8313	2.9	0.7055	3.8	0.0861	2.3	0.63	532.5	12.0
4 run 3-Spot 318	288	39204	1.9	16.9506	2.2	0.7064	3.5	0.0868	2.7	0.78	536.8	14.0
4 run 3-Spot 288	105	44960	1.2	17.1824	3.1	0.7023	3.9	0.0875	2.4	0.61	540.9	12.3
4 run 3-Spot 274	73	98236	2.0	17.2700	4.9	0.7082	6.6	0.0887	4.4	0.66	547.8	22.9
_Run2-Spot 199	66	17762	1.4	16.7938	3.4	0.7378	5.4	0.0899	4.2	0.78	554.8	22.5
4 run 3-Spot 308	67	35566	0.9	16.0842	3.3	0.7849	4.1	0.0916	2.4	0.60	564.7	13.2
_Run2-Spot 190	105	34269	0.9	16.3271	3.2	0.7818	4.4	0.0926	3.0	0.68	570.8	16.3
-4 run 1-Spot 66	212	28215	2.5	16.6699	2.2	0.7680	3.5	0.0928	2.7	0.77	572.4	14.6
_Run2-Spot 133	113	19038	2.1	16.8101	3.5	0.7730	4.1	0.0942	2.1	0.52	580.6	11.9
-4 run 1-Spot 72	118	20393	2.9	16.6668	4.3	0.7830	6.7	0.0947	5.2	0.77	583.0	28.8
-4 run 1-Spot 61	253	38831	52.3	16.2657	2.5	0.8046	6.4	0.0949	5.9	0.92	584.6	33.0
4 run 3-Spot 252	264	88903	1.6	16.6720	2.3	0.7852	3.3	0.0949	2.4	0.72	584.7	13.3
4 run 3-Spot 234	119	203473	1.1	16.1525	3.4	0.8198	4.5	0.0960	2.9	0.65	591.2	16.5

TABLE DR1												
_Run2-Spot 193	357	72430	2.4	16.4428	2.4	0.8170	3.8	0.0974	3.0	0.79	599.4	17.3
4 run 3-Spot 228	567	36715	1.3	16.6764	2.4	0.8173	3.9	0.0988	3.0	0.78	607.7	17.6
_Run2-Spot 118	274	70903	1.5	16.2332	2.5	0.8443	3.5	0.0994	2.4	0.68	610.9	13.8
_Run2-Spot 155	161	62093	1.6	16.2623	2.3	0.8494	3.4	0.1002	2.6	0.75	615.5	15.1
4 run 3-Spot 268	203	211019	1.1	15.0917	4.3	1.0511	5.6	0.1150	3.6	0.65	702.0	24.0
_Run2-Spot 208	80	32870	1.4	15.4538	3.7	1.1208	5.4	0.1256	3.9	0.73	762.9	28.4
4 run 3-Spot 305	37	16934	0.2	14.6604	3.4	1.5105	4.5	0.1606	3.0	0.66	960.1	26.5
4 run 3-Spot 289	43	19362	1.8	14.5059	3.3	1.5335	4.3	0.1613	2.9	0.66	964.2	25.5
-4 run 1-Spot 69	75	28342	1.3	14.6498	2.9	1.4423	3.7	0.1532	2.3	0.62	919.1	19.6
4 run 3-Spot 325	129	50094	4.2	14.8484	2.5	1.4288	3.8	0.1539	2.9	0.75	922.6	24.8
4 run 3-Spot 326	184	195049	2.4	14.1750	1.8	1.4964	3.7	0.1538	3.2	0.87	922.5	27.6
_Run2-Spot 220	89	36153	1.8	14.1393	2.7	1.5631	4.1	0.1603	3.1	0.75	958.4	27.4
4 run 3-Spot 323	177	30169	1.0	14.1049	1.9	1.5823	3.5	0.1619	2.9	0.84	967.2	26.4
4 run 3-Spot 270	164	96410	31.0	14.0819	2.1	1.4770	3.8	0.1508	3.2	0.84	905.7	26.7
_Run2-Spot 185	241	192242	12.4	14.0272	2.2	1.5938	3.1	0.1621	2.2	0.71	968.7	19.7
_Run2-Spot 215	434	194186	1.9	14.0249	2.7	1.6315	4.0	0.1660	3.0	0.74	989.8	27.1
_Run2-Spot 131	61	35003	1.8	14.0202	2.2	1.5707	3.6	0.1597	2.9	0.80	955.2	25.8
-4 run 1-Spot 43	150	1120808	2.4	13.9894	3.0	1.4987	4.4	0.1521	3.2	0.74	912.5	27.6
-4 run 1-Spot 26	41	9658	2.8	13.9407	2.4	1.5923	4.5	0.1610	3.9	0.85	962.3	34.7
_Run2-Spot 166	58	39780	1.1	13.9184	3.0	1.6979	4.1	0.1714	2.8	0.68	1019.8	26.6
4 run 3-Spot 248	94	51182	3.5	13.8626	2.4	1.7028	4.3	0.1712	3.6	0.83	1018.8	33.6
_Run2-Spot 201	160	116451	2.7	13.8485	2.3	1.7311	4.3	0.1739	3.6	0.85	1033.4	34.8
-4 run 1-Spot 63	278	71394	70.1	13.8321	2.5	1.5557	3.9	0.1561	3.0	0.78	934.9	26.4
4 run 3-Spot 328	171	35726	2.2	13.8317	1.9	1.7359	4.3	0.1741	3.8	0.90	1034.9	36.5
_Run2-Spot 152	132	40585	3.9	13.8235	2.1	1.5511	3.5	0.1555	2.8	0.79	931.8	24.0
_Run2-Spot 198	82	137883	5.7	13.8101	2.9	1.6337	3.8	0.1636	2.4	0.64	977.0	22.2
_Run2-Spot 113	238	63971	3.1	13.8096	1.8	1.5711	3.0	0.1574	2.4	0.79	942.1	20.9
4 run 3-Spot 300	113	46354	1.3	13.7925	2.9	1.4926	4.7	0.1493	3.7	0.79	897.1	30.9
-4 run 1-Spot 93	154	58598	2.4	13.7916	2.8	1.6409	4.9	0.1641	4.0	0.82	979.7	36.3
_Run2-Spot 192	34	30857	1.9	13.7070	4.0	1.5964	4.9	0.1587	2.7	0.55	949.6	23.8
4 run 3-Spot 267	43	61575	2.3	13.7045	3.6	1.6673	4.8	0.1657	3.2	0.67	988.5	29.4
-4 run 1-Spot 47	93	31533	0.8	13.6836	3.5	1.7060	4.9	0.1693	3.4	0.70	1008.3	32.0
4 run 3-Spot 237	297	36004	2.3	13.6791	2.2	1.7365	3.6	0.1723	2.8	0.78	1024.6	26.4
-4 run 1-Spot 99	110	61122	1.6	13.6415	2.4	1.7158	3.6	0.1698	2.6	0.74	1010.8	24.7
-4 run 1-Spot 83	611	955067	5.5	13.6330	1.8	1.6637	4.9	0.1645	4.5	0.93	981.7	41.1
_Run2-Spot 135	146	30209	1.9	13.6255	2.6	1.7479	3.8	0.1727	2.7	0.72	1027.1	25.7
-4 run 1-Spot 31	75	34165	1.9	13.6223	2.3	1.6925	3.6	0.1672	2.7	0.76	996.8	25.2
-4 run 1-Spot 58	304	50834	1.0	13.6218	1.9	1.7996	5.4	0.1778	5.0	0.93	1054.9	48.8
-4 run 1-Spot 11	86	171944	3.5	13.6082	1.9	1.6494	3.4	0.1628	2.8	0.82	972.3	25.1
4 run 3-Spot 322	54	17076	0.6	13.5812	3.8	1.8101	6.4	0.1783	5.1	0.80	1057.6	49.5
4 run 1-Spot 105	169	63923	1.8	13.5562	1.6	1.7988	3.0	0.1769	2.5	0.84	1049.8	24.5
-4 run 1-Spot 86	298	83651	2.6	13.5324	1.8	1.7138	3.2	0.1682	2.6	0.83	1002.2	24.3
_Run2-Spot 196	168	61894	2.7	13.5301	1.9	1.7121	3.5	0.1680	3.0	0.85	1001.1	27.7
_Run2-Spot 158	66	52450	6.5	13.5229	2.5	1.6399	3.4	0.1608	2.4	0.70	961.4	21.2
_Run2-Spot 194	156	69632	3.0	13.5169	2.4	1.7502	5.2	0.1716	4.6	0.88	1020.8	43.0
4 run 3-Spot 279	171	231429	3.2	13.5048	2.5	1.7721	3.9	0.1736	3.0	0.77	1031.7	28.8

TABLE DR1												
_Run2-Spot 128	98	91355	3.6	13.5010	1.9	1.7295	3.3	0.1693	2.7	0.82	1008.5	25.4
_Run2-Spot 127	30	25046	4.9	13.4937	3.5	1.7299	4.2	0.1693	2.3	0.54	1008.2	21.3
4 run 3-Spot 253	200	49608	2.5	13.4601	1.7	1.6965	3.4	0.1656	3.0	0.87	987.9	27.1
4 run 3-Spot 313	263	195433	2.9	13.4542	1.5	1.8302	2.7	0.1786	2.3	0.84	1059.3	22.2
4 run 3-Spot 276	118	67787	1.6	13.4063	2.5	1.6945	3.3	0.1648	2.2	0.65	983.2	20.0
-4 run 1-Spot 62	99	34656	4.5	13.3902	2.9	1.6971	4.1	0.1648	2.8	0.69	983.5	25.5
-4 run 1-Spot 20	385	56306	1.5	13.3758	1.7	1.7892	2.8	0.1736	2.3	0.81	1031.8	21.8
4 run 3-Spot 224	75	32232	0.8	13.3598	3.0	1.7946	4.4	0.1739	3.2	0.72	1033.5	30.3
_Run2-Spot 170	392	177651	1.9	13.3495	1.8	1.8559	2.7	0.1797	1.9	0.72	1065.3	18.8
_Run2-Spot 160	140	36507	2.1	13.3357	2.4	1.8365	3.7	0.1776	2.8	0.76	1054.0	27.3
-4 run 1-Spot 51	146	150441	2.8	13.3341	3.0	1.9254	4.1	0.1862	2.8	0.68	1100.8	28.1
4 run 3-Spot 242	231	242773	2.1	13.3296	1.2	1.8781	2.4	0.1816	2.1	0.86	1075.5	20.4
4 run 3-Spot 275	435	102477	3.1	13.3140	1.5	1.7424	2.9	0.1683	2.6	0.87	1002.5	23.7
4 run 3-Spot 260	74	47392	1.4	13.3087	2.9	1.6953	4.1	0.1636	2.9	0.70	976.9	26.4
_Run2-Spot 212	103	230108	2.0	13.2843	2.2	1.7934	4.0	0.1728	3.4	0.84	1027.4	32.2
-4 run 1-Spot 39	214	78571	2.5	13.2613	2.7	1.7326	4.4	0.1666	3.4	0.78	993.6	31.1
_Run2-Spot 171	225	73545	3.1	13.2326	1.5	1.8669	3.2	0.1792	2.8	0.88	1062.4	27.5
_Run2-Spot 216	121	25140	3.5	13.2314	1.6	1.8294	3.4	0.1756	3.1	0.89	1042.6	29.4
-4 run 1-Spot 16	220	25946	3.0	13.2237	1.7	1.7774	2.5	0.1705	1.8	0.72	1014.7	17.0
4 run 3-Spot 310	228	151140	2.8	13.2179	1.9	1.8248	3.7	0.1749	3.1	0.85	1039.2	30.1
_Run2-Spot 112	31	57794	1.1	13.2135	4.5	1.8438	6.2	0.1767	4.3	0.69	1048.9	41.3
_Run2-Spot 111	108	63045	2.3	13.2042	2.3	1.7974	3.6	0.1721	2.7	0.76	1023.9	25.9
_Run2-Spot 156	503	231129	374.5	13.1999	1.9	1.9704	3.4	0.1886	2.8	0.83	1114.0	28.5
_Run2-Spot 169	292	185348	2.4	13.1966	1.7	1.9078	3.0	0.1826	2.4	0.82	1081.1	24.1
_Run2-Spot 165	93	107440	1.4	13.1854	2.4	1.9117	3.4	0.1828	2.5	0.72	1082.3	24.8
_Run2-Spot 137	243	78577	2.2	13.1744	1.6	1.7919	3.2	0.1712	2.7	0.86	1018.8	25.9
4 run 3-Spot 240	80	100948	2.5	13.1650	2.9	1.7395	4.3	0.1661	3.1	0.73	990.5	28.8
_Run2-Spot 161	64	32203	1.6	13.1605	2.8	1.8727	3.9	0.1787	2.7	0.69	1060.1	26.1
_Run2-Spot 168	496	71142	4.5	13.1605	2.1	1.7688	4.0	0.1688	3.4	0.85	1005.7	31.6
4-4 run 1-Spot 3	153	141544	1.2	13.1422	2.4	1.8978	3.5	0.1809	2.6	0.73	1071.9	25.5
4 run 3-Spot 290	56	23148	2.5	13.1225	2.8	1.9335	5.6	0.1840	4.8	0.87	1088.9	48.6
_Run2-Spot 188	66	29181	3.1	13.1109	2.7	2.0023	3.8	0.1904	2.6	0.70	1123.5	27.0
_Run2-Spot 146	427	169644	3.3	13.0934	1.5	1.8771	3.2	0.1783	2.8	0.89	1057.4	27.7
4 run 3-Spot 302	338	124987	7.4	13.0914	1.8	2.0598	2.9	0.1956	2.2	0.78	1151.5	23.3
4 run 3-Spot 277	130	40785	4.3	13.0638	1.3	1.8350	3.6	0.1739	3.4	0.94	1033.3	32.0
-4 run 1-Spot 52	785	181620	2.2	13.0609	1.5	1.7096	5.8	0.1619	5.6	0.97	967.6	50.5
_Run2-Spot 164	151	60622	3.9	13.0377	1.8	2.0870	3.1	0.1973	2.5	0.81	1161.0	26.3
-4 run 1-Spot 12	72	125945	2.1	13.0358	2.7	1.8628	4.4	0.1761	3.5	0.79	1045.7	33.6
_Run2-Spot 209	168	191573	2.5	13.0240	2.2	2.0137	3.2	0.1902	2.2	0.71	1122.5	23.0
-4 run 1-Spot 28	207	130624	2.3	12.9967	2.2	1.9479	3.5	0.1836	2.8	0.79	1086.7	27.9
4-4 run 1-Spot 8	124	70610	1.5	12.9958	2.2	1.8954	4.3	0.1787	3.7	0.86	1059.6	35.7
_Run2-Spot 175	71	49342	2.8	12.9403	2.3	2.1474	3.9	0.2015	3.1	0.80	1183.6	33.4
-4 run 1-Spot 73	86	92411	1.5	12.9215	2.0	1.8865	3.2	0.1768	2.5	0.77	1049.4	24.0
_Run2-Spot 121	53	23823	1.3	12.8942	2.1	1.8998	5.0	0.1777	4.6	0.91	1054.2	44.4
_Run2-Spot 181	202	141745	3.1	12.8357	1.8	1.9391	2.8	0.1805	2.1	0.76	1069.8	21.0
-4 run 1-Spot 21	263	120143	2.1	12.8333	1.9	2.0091	4.3	0.1870	3.9	0.90	1105.1	39.3

TABLE DR1												
-4 run 1-Spot 10	129	99096	2.4	12.8306	2.1	2.0908	3.4	0.1946	2.7	0.79	1146.0	28.4
4 run 3-Spot 245	212	28408	1.2	12.8224	1.9	2.0432	3.4	0.1900	2.8	0.83	1121.4	28.9
4 run 3-Spot 317	162	82250	2.8	12.8039	2.1	2.1086	3.0	0.1958	2.1	0.72	1152.8	22.5
_Run2-Spot 195	234	212504	2.2	12.7903	2.0	2.0613	4.3	0.1912	3.9	0.89	1127.9	40.0
-4 run 1-Spot 46	211	73457	2.6	12.7825	1.6	2.0711	2.9	0.1920	2.5	0.84	1132.3	25.8
_Run2-Spot 147	85	30424	1.8	12.7150	1.5	2.1338	4.0	0.1968	3.7	0.92	1158.0	38.9
-4 run 1-Spot 36	86	26732	2.5	12.6566	2.4	2.0301	4.1	0.1864	3.4	0.81	1101.6	34.1
4 run 3-Spot 298	340	81188	2.5	12.6443	1.7	2.0859	3.0	0.1913	2.5	0.82	1128.4	25.8
4 run 3-Spot 292	154	45630	1.6	12.6146	1.5	2.0626	3.2	0.1887	2.8	0.88	1114.4	29.1
4 run 1-Spot 101	290	59331	1.7	12.5605	1.5	2.0748	3.7	0.1890	3.4	0.91	1116.0	34.6
-4 run 1-Spot 25	117	69743	2.0	12.5344	2.3	2.0019	4.2	0.1820	3.5	0.83	1077.8	34.4
-4 run 1-Spot 32	143	46556	2.8	12.5300	2.5	2.1602	4.7	0.1963	3.9	0.84	1155.5	41.8
_Run2-Spot 206	45	31567	1.8	12.5129	2.7	2.1134	5.4	0.1918	4.7	0.87	1131.1	48.8
4 run 1-Spot 110	242	34850	3.1	12.5064	1.6	2.3344	2.9	0.2117	2.4	0.83	1238.1	26.6
_Run2-Spot 150	158	578193	2.7	12.4965	2.0	2.0986	4.1	0.1902	3.5	0.87	1122.5	36.5
4 run 3-Spot 281	86	147809	2.1	12.4302	2.7	1.9829	3.3	0.1788	2.0	0.60	1060.2	19.3
4 run 3-Spot 223	33	26396	1.1	12.4142	3.2	2.1582	4.2	0.1943	2.7	0.64	1144.7	28.1
4 run 3-Spot 261	1297	119130	5.4	12.3460	1.7	2.1402	3.0	0.1916	2.5	0.82	1130.2	25.8
_Run2-Spot 177	220	171801	1.9	12.2386	2.2	2.3524	3.5	0.2088	2.7	0.77	1222.5	30.1
4 run 3-Spot 324	180	227608	1.7	12.2247	1.6	2.3396	5.2	0.2074	4.9	0.95	1215.1	54.8
4 run 3-Spot 299	180	41055	2.8	12.2034	2.3	2.2813	5.4	0.2019	4.8	0.90	1185.6	52.3
-4 run 1-Spot 94	150	50368	1.9	12.1786	2.2	2.3783	3.2	0.2101	2.3	0.72	1229.2	25.7
_Run2-Spot 129	348	81882	3.2	12.1319	1.7	2.3686	2.3	0.2084	1.6	0.69	1220.4	17.7
4 run 3-Spot 284	224	56961	3.2	12.1172	1.5	2.2957	3.3	0.2018	2.9	0.89	1184.7	31.3
-4 run 1-Spot 91	716	55747	3.1	12.0569	2.0	2.5040	4.8	0.2190	4.3	0.91	1276.4	50.3
-4 run 1-Spot 40	212	113086	2.6	11.9599	2.9	2.3658	5.2	0.2052	4.3	0.83	1203.3	47.5
4 run 1-Spot 108	228	71312	2.8	11.8965	1.7	2.5994	3.1	0.2243	2.5	0.82	1304.5	29.9
_Run2-Spot 149	236	200575	1.2	11.8792	1.2	2.5561	2.7	0.2202	2.4	0.89	1283.0	27.7
-4 run 1-Spot 56	242	93570	2.0	11.8385	2.1	2.5450	3.4	0.2185	2.6	0.78	1274.0	30.3
-4 run 1-Spot 15	128	121582	1.0	11.7456	1.9	2.4990	4.6	0.2129	4.1	0.91	1244.2	46.9
-4 run 1-Spot 74	168	42686	0.8	11.7435	1.6	2.7170	2.8	0.2314	2.2	0.81	1341.9	27.0
4 run 1-Spot 106	34	101006	1.1	11.6708	2.7	2.6063	4.2	0.2206	3.3	0.78	1285.1	38.2
_Run2-Spot 172	27	9748	0.6	11.6619	2.8	2.4558	4.5	0.2077	3.6	0.79	1216.6	39.8
4-4 run 1-Spot 7	509	55141	1.4	11.6108	1.9	2.6676	2.9	0.2246	2.2	0.75	1306.3	26.0
_Run2-Spot 140	459	142050	2.1	11.5828	1.8	2.7875	3.2	0.2342	2.6	0.81	1356.3	31.5
-4 run 1-Spot 68	288	133510	2.5	11.5743	1.1	2.6168	3.4	0.2197	3.2	0.94	1280.1	36.7
-4 run 1-Spot 87	152	44804	4.1	11.5620	1.5	2.5928	3.1	0.2174	2.7	0.88	1268.2	31.5
-4 run 1-Spot 14	84	26039	1.5	11.5046	2.6	2.5085	3.6	0.2093	2.5	0.69	1225.1	28.0
_Run2-Spot 167	215	159662	3.3	11.4468	1.7	2.9562	3.5	0.2454	3.1	0.87	1414.9	39.2
4 run 3-Spot 259	154	41468	1.9	11.4163	2.0	2.8271	3.8	0.2341	3.2	0.85	1355.9	39.1
_Run2-Spot 148	405	220631	2.4	11.3997	1.7	3.0047	3.7	0.2484	3.3	0.89	1430.3	41.9
_Run2-Spot 174	134	39012	5.4	11.2918	2.6	2.9844	4.0	0.2444	3.0	0.75	1409.6	38.3
4 run 3-Spot 232	124	92080	1.5	11.2462	1.8	2.6984	2.7	0.2201	2.0	0.73	1282.4	22.9
-4 run 1-Spot 41	103	39749	5.6	11.2235	2.1	2.6303	4.4	0.2141	3.8	0.87	1250.7	43.4
-4 run 1-Spot 49	216	33020	0.3	11.2084	1.9	2.8312	2.9	0.2302	2.2	0.76	1335.3	26.7
_Run2-Spot 132	148	73106	1.3	11.0432	2.2	2.8705	3.7	0.2299	3.0	0.81	1334.0	36.1

TABLE DR1												
_Run2-Spot 126	219	271981	2.4	11.0187	1.4	3.0530	3.3	0.2440	3.0	0.91	1407.4	37.5
4 run 3-Spot 291	70	106625	1.4	11.0049	2.5	2.9168	3.7	0.2328	2.7	0.74	1349.2	33.3
4 run 3-Spot 321	290	144023	2.2	10.9990	1.5	3.1948	2.8	0.2549	2.4	0.86	1463.5	32.0
4 run 3-Spot 297	76	180255	2.8	10.9546	2.3	2.9132	3.6	0.2315	2.7	0.76	1342.1	32.8
-4 run 1-Spot 64	222	108630	14.2	10.8860	1.4	3.1503	3.0	0.2487	2.7	0.89	1431.9	34.5
4 run 1-Spot 102	135	34306	3.0	10.8745	1.8	3.3168	3.0	0.2616	2.4	0.79	1498.0	32.2
-4 run 1-Spot 17	95	82468	1.7	10.8614	1.8	3.0550	3.4	0.2407	2.8	0.84	1390.1	35.2
4 run 3-Spot 246	202	198937	5.5	10.8561	2.6	3.0060	3.5	0.2367	2.4	0.68	1369.4	29.7
-4 run 1-Spot 70	651	88431	6.0	10.8537	1.4	3.1885	3.0	0.2510	2.6	0.88	1443.6	33.6
-4 run 1-Spot 65	324	57689	3.1	10.8370	2.0	3.1771	3.6	0.2497	3.0	0.83	1437.0	39.0
_Run2-Spot 123	123	55737	0.9	10.8306	2.3	3.1288	3.5	0.2458	2.7	0.76	1416.6	34.3
_Run2-Spot 143	331	97466	0.7	10.8135	1.7	2.8355	4.3	0.2224	3.9	0.92	1294.5	46.0
4 run 3-Spot 312	307	52653	1.2	10.7929	1.9	2.9736	3.4	0.2328	2.9	0.84	1349.0	35.1
-4 run 1-Spot 23	176	55595	1.9	10.7823	1.8	3.1635	3.2	0.2474	2.7	0.83	1425.0	34.4
4 run 1-Spot 107	367	114397	1.9	10.7358	1.7	3.3148	3.6	0.2581	3.1	0.88	1480.1	41.4
4-4 run 1-Spot 4	467	145134	2.8	10.7238	1.6	3.3663	4.3	0.2618	4.0	0.93	1499.1	53.3
4 run 1-Spot 104	268	222483	2.1	10.7237	1.8	3.2900	3.1	0.2559	2.6	0.83	1468.7	33.8
4 run 3-Spot 273	111	38786	1.0	10.6736	1.8	3.2644	4.0	0.2527	3.6	0.90	1452.4	46.4
-4 run 1-Spot 88	98	36162	1.4	10.6610	2.5	3.1168	4.3	0.2410	3.6	0.82	1391.9	44.5
4 run 3-Spot 329	173	63636	2.1	10.6561	2.6	3.2248	4.2	0.2492	3.2	0.78	1434.5	41.6
4 run 3-Spot 221	179	65989	2.1	10.6461	1.7	3.3264	4.0	0.2568	3.7	0.90	1473.6	48.2
_Run2-Spot 145	278	142489	1.4	10.6228	1.8	3.2467	3.7	0.2501	3.2	0.86	1439.2	40.6
4 run 3-Spot 306	44	25837	1.7	10.6184	2.6	3.2580	4.5	0.2509	3.7	0.82	1443.1	47.5
-4 run 1-Spot 98	59	31844	1.1	10.6075	3.4	3.2656	5.4	0.2512	4.2	0.78	1444.8	54.8
_Run2-Spot 122	193	55459	2.1	10.3413	1.6	3.5007	7.1	0.2626	6.9	0.97	1502.9	92.9
4 run 3-Spot 330	401	93972	2.0	10.3195	2.7	3.8668	4.3	0.2894	3.4	0.79	1638.6	49.6
4 run 1-Spot 100	251	73473	0.9	10.2989	1.7	3.4893	3.0	0.2606	2.6	0.84	1493.1	34.0
4 run 1-Spot 103	173	96873	0.9	10.1480	2.4	3.8896	3.8	0.2863	2.9	0.77	1622.9	41.9
-4 run 1-Spot 37	54	27744	4.1	10.1372	3.6	3.6726	5.2	0.2700	3.8	0.73	1540.9	52.1
4 run 3-Spot 251	74	67582	1.5	10.0187	1.9	3.9479	2.9	0.2869	2.2	0.77	1625.9	32.3
4 run 3-Spot 258	78	189868	1.1	10.0186	2.1	3.6758	4.3	0.2671	3.8	0.87	1526.0	51.1
4 run 3-Spot 287	229	240755	1.0	10.0121	1.8	3.9154	2.9	0.2843	2.3	0.79	1613.0	33.4
4 run 3-Spot 231	517	142377	2.5	9.9920	1.5	4.0766	2.5	0.2954	2.0	0.79	1668.6	29.4
-4 run 1-Spot 34	171	70077	1.4	9.9755	2.0	3.9472	3.0	0.2856	2.2	0.74	1619.4	32.2
-4 run 1-Spot 13	101	28538	2.2	9.9629	2.2	3.8505	3.5	0.2782	2.7	0.77	1582.4	37.4
4 run 3-Spot 241	138	92377	1.2	9.9423	1.9	3.9693	3.4	0.2862	2.8	0.82	1622.6	39.8
4 run 3-Spot 227	223	72243	2.3	9.9343	1.5	2.6935	3.1	0.1941	2.7	0.87	1143.4	28.1
-4 run 1-Spot 96	68	192210	2.2	9.8867	3.3	3.8213	4.2	0.2740	2.6	0.62	1561.1	36.6
4 run 3-Spot 301	150	1310842	1.1	9.8551	2.0	3.7799	3.3	0.2702	2.6	0.80	1541.7	36.0
_Run2-Spot 197	83	174590	2.6	9.8425	2.4	3.9620	4.2	0.2828	3.5	0.83	1605.6	49.6
4 run 3-Spot 271	94	123663	1.8	9.8409	2.2	4.0196	3.4	0.2869	2.6	0.76	1626.0	37.3
4 run 3-Spot 230	96	34161	0.9	9.8273	2.0	3.9501	3.6	0.2815	2.9	0.82	1599.1	41.5
-4 run 1-Spot 80	299	245904	1.9	9.8214	1.5	3.9102	3.8	0.2785	3.5	0.92	1583.9	48.8
4-4 run 1-Spot 6	116	27130	1.0	9.7858	2.2	3.9144	3.0	0.2778	2.1	0.70	1580.4	29.6
_Run2-Spot 204	155	171049	1.7	9.7691	1.7	3.9813	3.2	0.2821	2.7	0.85	1601.9	38.5
-4 run 1-Spot 89	559	118949	5.3	9.7384	1.9	4.1024	3.6	0.2897	3.0	0.85	1640.3	43.8

TABLE DR1												
-4 run 1-Spot 77	305	45390	0.6	9.6796	1.2	4.0168	4.4	0.2820	4.2	0.96	1601.4	60.2
-4 run 1-Spot 27	653	64300	3.5	9.6453	1.8	4.5301	2.9	0.3169	2.3	0.80	1774.6	35.8
4 run 3-Spot 235	32	15957	1.0	9.6234	3.1	4.0641	4.8	0.2837	3.6	0.76	1609.7	51.8
_Run2-Spot 154	27	27371	1.1	9.5690	2.2	4.0540	2.9	0.2814	2.0	0.67	1598.2	27.8
4-4 run 1-Spot 2	239	509488	3.3	9.5403	1.6	3.9008	2.8	0.2699	2.3	0.82	1540.3	31.2
-4 run 1-Spot 22	657	53285	2.4	9.5289	2.3	4.2146	3.8	0.2913	3.1	0.81	1647.9	45.4
4 run 3-Spot 303	125	95516	1.3	9.5071	2.1	4.1291	3.3	0.2847	2.6	0.78	1615.0	36.8
_Run2-Spot 173	69	53710	2.7	9.4853	2.2	4.5357	3.7	0.3120	3.0	0.81	1750.7	46.6
4 run 3-Spot 239	136	147476	2.6	9.4728	2.1	4.3508	3.4	0.2989	2.7	0.79	1685.9	39.8
_Run2-Spot 114	138	149896	1.4	9.4513	1.6	4.1379	2.6	0.2836	2.1	0.79	1609.7	29.3
-4 run 1-Spot 75	382	343442	1.8	9.4446	1.6	4.4295	3.7	0.3034	3.3	0.90	1708.2	49.8
4 run 3-Spot 278	523	62529	1.7	9.4273	1.3	4.6161	3.1	0.3156	2.8	0.90	1768.3	43.3
4 run 3-Spot 233	667	100487	3.4	9.4192	1.9	4.8357	3.2	0.3303	2.6	0.81	1840.1	41.3
-4 run 1-Spot 67	163	64296	3.0	9.4183	2.3	4.3778	5.0	0.2990	4.4	0.88	1686.5	65.9
-4 run 1-Spot 82	588	87202	3.8	9.3674	1.5	4.7864	3.7	0.3252	3.3	0.91	1815.0	52.5
_Run2-Spot 117	332	288209	2.3	9.2597	1.9	4.3097	3.1	0.2894	2.5	0.80	1638.7	36.1
_Run2-Spot 187	252	107815	3.6	9.2592	1.5	4.4106	2.8	0.2962	2.4	0.86	1672.4	36.0
4 run 3-Spot 264	183	76487	3.9	9.2227	1.5	4.5436	2.4	0.3039	1.9	0.77	1710.7	27.9
4 run 3-Spot 266	287	97129	2.4	9.1802	2.1	3.6720	3.4	0.2445	2.7	0.80	1410.0	34.7
4 run 3-Spot 304	277	111850	1.4	9.1678	1.7	3.7107	3.0	0.2467	2.5	0.84	1421.6	32.3
4 run 3-Spot 309	214	112362	2.5	9.1240	1.7	5.0210	2.9	0.3323	2.4	0.82	1849.3	37.8
-4 run 1-Spot 44	442	50367	2.8	9.1218	2.2	4.8709	4.5	0.3222	3.9	0.88	1800.7	62.1
-4 run 1-Spot 81	136	134070	4.4	9.1188	2.5	4.8621	5.2	0.3216	4.5	0.87	1797.3	71.2
-4 run 1-Spot 59	62	48382	1.4	9.1171	2.4	4.6298	4.2	0.3061	3.5	0.82	1721.7	52.3
_Run2-Spot 138	100	90008	0.8	9.0069	1.9	4.8347	3.5	0.3158	3.0	0.84	1769.3	46.0
4-4 run 1-Spot 5	256	59035	4.1	8.9232	2.1	4.8041	3.8	0.3109	3.2	0.84	1745.2	49.1
-4 run 1-Spot 92	297	212113	1.6	8.8976	1.8	5.3198	3.1	0.3433	2.5	0.82	1902.5	41.9
_Run2-Spot 151	90	96388	1.3	8.8890	1.7	4.4367	3.1	0.2860	2.6	0.84	1621.7	37.7
_Run2-Spot 176	75	52529	3.0	8.7616	2.3	5.1146	4.9	0.3250	4.4	0.89	1814.1	69.3
4-4 run 1-Spot 9	193	238899	1.1	8.7469	1.9	5.1417	4.9	0.3262	4.5	0.92	1819.8	71.8
4 run 3-Spot 272	129	48702	0.7	8.7222	1.9	4.9771	3.2	0.3148	2.5	0.79	1764.5	38.9
4 run 3-Spot 226	159	178256	1.4	8.7085	1.8	5.3373	3.1	0.3371	2.5	0.82	1872.7	41.1
_Run2-Spot 184	247	201384	0.9	8.5957	2.1	5.2997	3.3	0.3304	2.6	0.78	1840.3	41.7
-4 run 1-Spot 76	373	92246	3.4	8.5579	2.0	5.4642	4.1	0.3392	3.6	0.88	1882.6	58.8
-4 run 1-Spot 30	148	104757	1.1	8.5423	1.6	5.1852	4.8	0.3212	4.6	0.95	1795.8	71.8
_Run2-Spot 179	161	914101	1.9	8.4618	1.7	5.4245	3.3	0.3329	2.9	0.86	1852.5	46.0
_Run2-Spot 134	206	199929	2.0	8.3869	1.5	5.0704	3.3	0.3084	3.0	0.90	1732.9	45.1
4 run 3-Spot 236	135	282210	2.1	8.3843	2.2	5.1655	3.0	0.3141	2.1	0.69	1760.9	31.7
4 run 3-Spot 262	298	96574	1.9	8.2540	2.4	5.4803	4.3	0.3281	3.6	0.83	1829.0	56.9
4 run 3-Spot 244	114	82477	0.9	8.2343	2.5	5.5739	4.6	0.3329	3.8	0.83	1852.3	61.7
4 run 3-Spot 254	362	179891	7.9	8.2159	2.4	5.7791	3.4	0.3444	2.4	0.71	1907.6	39.8
_Run2-Spot 159	573	157303	4.7	8.2040	2.7	4.2634	4.4	0.2537	3.4	0.79	1457.4	44.9
_Run2-Spot 142	121	85205	2.6	8.1529	1.7	6.0656	3.8	0.3587	3.5	0.90	1975.8	58.8
-4 run 1-Spot 29	85	94900	0.8	8.1268	1.5	5.8667	4.7	0.3458	4.5	0.95	1914.5	74.1
_Run2-Spot 211	250	76571	2.5	8.1205	1.8	6.3735	4.8	0.3754	4.4	0.93	2054.6	77.7
4 run 3-Spot 255	137	124127	2.0	7.9125	2.0	6.0435	4.2	0.3468	3.6	0.88	1919.4	60.6

TABLE DR1												
_Run2-Spot 115	192	183891	3.4	7.8616	1.7	6.2022	2.6	0.3536	2.1	0.78	1951.9	34.6
-4 run 1-Spot 97	269	60052	2.1	7.3592	2.2	7.3649	3.8	0.3931	3.2	0.83	2137.2	57.7
-4 run 1-Spot 78	135	417849	1.3	7.0028	1.8	7.9058	5.4	0.4015	5.1	0.94	2176.1	94.2
-4 run 1-Spot 57	287	182466	2.1	6.0676	1.8	9.8831	3.5	0.4349	2.9	0.85	2327.9	57.6
_Run2-Spot 162	46	53231	0.9	6.0124	2.0	10.5517	3.9	0.4601	3.4	0.86	2440.1	68.6
4 run 3-Spot 296	114	58191	1.2	5.9749	1.7	10.9861	2.7	0.4761	2.1	0.77	2510.1	42.6
_Run2-Spot 219	301	54404	1.3	5.7383	1.7	11.7900	2.7	0.4907	2.2	0.79	2573.6	45.8
4 run 3-Spot 314	279	420914	3.6	5.7140	1.3	12.0703	3.2	0.5002	2.9	0.92	2614.7	63.2
_Run2-Spot 130	188	130240	1.3	5.5077	1.9	13.1198	3.4	0.5241	2.9	0.84	2716.4	64.2
_Run2-Spot 119	294	87439	0.9	5.4851	1.6	11.0202	3.4	0.4384	3.0	0.89	2343.5	59.9
-4 run 1-Spot 50	96	44300	1.5	5.4758	2.2	12.4040	3.3	0.4926	2.5	0.75	2582.0	53.1
4 run 3-Spot 263	64	126477	1.4	5.4619	2.0	12.3840	3.3	0.4906	2.7	0.79	2573.2	56.3
4 run 3-Spot 316	125	196208	3.5	5.4403	1.4	12.5030	2.6	0.4933	2.2	0.84	2585.1	46.4
_Run2-Spot 207	225	92484	1.7	5.4383	2.3	12.4822	4.5	0.4923	3.8	0.85	2580.7	81.6
4 run 3-Spot 327	67	164531	1.1	5.4188	1.5	12.7343	3.3	0.5005	2.9	0.89	2615.8	62.8
4 run 3-Spot 294	72	7119551	0.7	5.3930	1.8	12.6083	4.1	0.4932	3.7	0.90	2584.3	78.2
-4 run 1-Spot 35	122	42008	1.4	5.3798	1.8	13.1159	5.8	0.5118	5.5	0.95	2664.1	119.4
4 run 1-Spot 109	72	77609	0.7	5.3482	1.8	13.2989	4.0	0.5158	3.6	0.90	2681.6	78.5
-4 run 1-Spot 79	156	74960	1.8	5.3193	2.2	13.0541	3.6	0.5036	2.8	0.78	2629.3	59.9
-4 run 1-Spot 18	136	222828	1.7	5.2959	1.7	13.0050	3.6	0.4995	3.2	0.88	2611.7	68.5
4 run 3-Spot 249	63	64389	1.8	5.1886	2.0	13.9343	5.7	0.5244	5.4	0.94	2717.7	119.0
4 run 3-Spot 295	300	60964	1.2	5.1657	1.9	14.0961	3.1	0.5281	2.5	0.81	2733.5	56.5
-4 run 1-Spot 19	58	215492	1.5	4.7216	1.7	13.2946	2.6	0.4553	1.9	0.74	2418.6	38.4
4 run 3-Spot 283	49	28613	1.5	4.6164	1.6	19.4698	3.0	0.6519	2.6	0.85	3235.5	65.2
4 run 3-Spot 320	131	241554	2.3	4.3522	1.9	19.3024	3.2	0.6093	2.6	0.81	3067.1	62.7
_Run2-Spot 214	235	244692	2.6	3.7718	2.3	22.9569	4.0	0.6280	3.3	0.82	3141.7	81.2

Table DR1P U-Pb geochronologic analyses SYN14-05												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
_Run2-Spot 149	895	42554	5.0	19.9256	2.7	0.1162	4.1	0.0168	3.1	0.76	107.3	3.3
_Run2-Spot 196	142	12121	0.8	19.8130	3.6	0.2407	4.2	0.0346	2.1	0.50	219.2	4.6
_Run2-Spot 120	525	14302	1.2	19.3278	2.6	0.2820	4.1	0.0395	3.1	0.76	249.9	7.6
4-5_Run1-Spot 6	750	31633	2.4	20.0365	1.9	0.2832	2.6	0.0412	1.7	0.66	260.0	4.4
_Run3-Spot 317	598	1984350	8.9	19.1919	1.5	0.3074	2.4	0.0428	1.9	0.79	270.1	5.1
_Run2-Spot 155	156	23799	1.7	18.3322	3.2	0.3471	3.8	0.0461	2.0	0.53	290.8	5.8
_Run2-Spot 152	254	37499	1.8	18.7494	2.8	0.3501	3.4	0.0476	1.9	0.57	299.9	5.7
_Run2-Spot 124	336	13137	1.0	19.0394	2.9	0.3456	3.5	0.0477	2.0	0.57	300.5	5.9
_Run3-Spot 242	78	29233	0.6	18.8222	4.6	0.3635	5.0	0.0496	2.0	0.41	312.2	6.2
_Run2-Spot 180	610	37053	1.6	18.6134	1.8	0.3790	2.4	0.0512	1.5	0.62	321.7	4.6
5_Run1-Spot 93	365	33276	3.9	18.4843	2.0	0.3995	2.6	0.0536	1.6	0.62	336.4	5.2
_Run2-Spot 197	1175	28224	2.3	18.9087	1.2	0.3916	1.9	0.0537	1.5	0.77	337.2	4.8
_Run3-Spot 308	336	40261	1.3	18.9542	2.1	0.3942	2.6	0.0542	1.5	0.58	340.2	4.9
_Run2-Spot 199	1036	47070	2.0	19.1913	1.3	0.3945	2.9	0.0549	2.5	0.89	344.6	8.5
5_Run1-Spot 18	700	50153	1.0	18.8866	1.6	0.4028	2.3	0.0552	1.6	0.70	346.2	5.4
5_Run1-Spot 74	383	31394	1.4	18.3264	2.0	0.4356	2.7	0.0579	1.8	0.68	362.8	6.4

TABLE DR1												
_Run3-Spot 258	740	147053	9.5	18.3847	1.5	0.4372	2.2	0.0583	1.6	0.71	365.3	5.5
5_Run1-Spot 27	507	74442	3.3	18.6301	1.8	0.4411	2.2	0.0596	1.2	0.58	373.2	4.5
_Run3-Spot 225	90	63601	2.5	18.1009	3.0	0.4636	3.4	0.0609	1.7	0.48	380.9	6.1
_Run3-Spot 221	347	352742	0.8	18.1566	1.9	0.4671	2.5	0.0615	1.5	0.62	384.8	5.8
_Run2-Spot 181	147	23491	1.3	18.5216	3.3	0.4666	3.8	0.0627	1.8	0.49	391.9	7.0
_Run3-Spot 252	241	302140	8.6	18.3777	2.1	0.4769	2.8	0.0636	1.8	0.66	397.2	7.1
_Run3-Spot 307	116	41352	1.5	17.6631	2.5	0.4983	3.6	0.0638	2.6	0.72	398.9	10.1
4-5_Run1-Spot 2	892	243396	0.8	18.3493	1.3	0.4873	2.2	0.0648	1.8	0.80	405.0	6.9
_Run1-Spot 103	303	102097	1.2	18.2643	1.9	0.4916	2.4	0.0651	1.4	0.59	406.7	5.7
5_Run1-Spot 52	641	94657	1.8	18.1658	1.6	0.4983	2.4	0.0657	1.7	0.73	409.9	6.8
_Run2-Spot 142	328	42080	2.7	18.2631	2.4	0.4976	3.2	0.0659	2.2	0.67	411.5	8.7
_Run2-Spot 177	315	13001	4.0	18.1587	2.3	0.5030	2.8	0.0662	1.6	0.57	413.5	6.3
5_Run1-Spot 56	665	141288	3.1	17.9358	2.1	0.5097	4.7	0.0663	4.2	0.89	413.8	16.7
5_Run1-Spot 83	184	122792	1.9	17.9095	2.7	0.5136	3.2	0.0667	1.8	0.55	416.3	7.1
5_Run1-Spot 78	429	128818	3.7	18.0573	2.0	0.5134	3.2	0.0672	2.5	0.78	419.5	10.1
_Run3-Spot 263	181	90324	1.2	17.7282	1.7	0.5315	2.4	0.0683	1.7	0.69	426.1	6.9
5_Run1-Spot 39	198	44487	1.3	17.6785	3.0	0.5346	3.3	0.0685	1.4	0.44	427.4	6.0
_Run3-Spot 303	413	127347	1.3	18.1331	1.2	0.5277	2.9	0.0694	2.7	0.92	432.5	11.2
_Run2-Spot 209	467	55170	3.1	17.8948	1.8	0.5384	2.2	0.0699	1.2	0.54	435.4	5.0
_Run2-Spot 111	482	16209	2.2	18.0699	1.6	0.5368	2.4	0.0704	1.8	0.75	438.3	7.7
_Run3-Spot 233	390	79604	0.7	18.1266	1.4	0.5358	2.0	0.0704	1.4	0.72	438.8	6.0
5_Run1-Spot 49	235	37521	2.6	17.6643	2.0	0.5500	2.7	0.0705	1.8	0.67	438.9	7.6
_Run2-Spot 146	554	96782	4.1	17.7930	1.4	0.5623	2.9	0.0726	2.5	0.87	451.6	10.9
_Run3-Spot 329	681	117262	3.5	17.3537	1.0	0.5791	1.7	0.0729	1.4	0.81	453.5	6.0
_Run2-Spot 200	118	20477	1.7	17.7432	3.1	0.5741	3.7	0.0739	1.9	0.53	459.5	8.6
_Run3-Spot 246	54	16325	1.8	17.4383	4.4	0.5861	4.7	0.0741	1.6	0.35	461.0	7.3
_Run3-Spot 248	189	53499	3.6	17.7266	1.7	0.5780	2.7	0.0743	2.1	0.78	462.1	9.5
5_Run1-Spot 38	509	191997	1.7	17.6036	1.6	0.5923	1.9	0.0756	1.1	0.57	469.9	5.0
_Run2-Spot 169	317	16069	3.9	17.6603	2.2	0.5942	2.6	0.0761	1.4	0.52	472.9	6.2
_Run2-Spot 114	711	55623	1.8	17.1660	1.5	0.6763	2.3	0.0842	1.7	0.76	521.1	8.7
_Run2-Spot 204	96	54971	1.3	17.1403	4.5	0.6823	4.9	0.0848	1.9	0.38	524.8	9.5
_Run3-Spot 247	176	33070	2.1	17.1001	1.9	0.7038	2.6	0.0873	1.8	0.68	539.5	9.3
_Run3-Spot 319	21	192032	1.1	17.0393	4.3	0.7079	4.6	0.0875	1.6	0.34	540.6	8.1
_Run3-Spot 323	104	39970	6.5	16.9035	2.5	0.7218	3.2	0.0885	2.0	0.63	546.6	10.6
_Run3-Spot 253	52	49576	2.8	17.0326	4.0	0.7377	4.5	0.0911	2.1	0.47	562.2	11.4
5_Run1-Spot 29	188	126721	1.2	16.6560	2.0	0.7618	3.0	0.0920	2.2	0.75	567.5	12.1
5_Run1-Spot 96	166	25106	1.9	16.6737	2.5	0.7630	2.9	0.0923	1.4	0.49	568.9	7.6
_Run2-Spot 137	1044	75245	0.8	16.8947	1.5	0.7651	2.1	0.0938	1.5	0.70	577.7	8.1
_Run2-Spot 194	155	15984	3.1	16.0423	2.1	0.8068	2.5	0.0939	1.4	0.57	578.4	8.0
_Run2-Spot 208	440	71433	7.0	16.4008	1.5	0.7956	2.0	0.0946	1.3	0.66	582.9	7.5
5_Run1-Spot 10	92	26006	2.2	16.6305	3.4	0.7892	4.2	0.0952	2.5	0.59	586.2	13.9
5_Run1-Spot 51	128	31549	1.7	16.2747	2.3	0.8186	2.8	0.0966	1.6	0.57	594.6	9.0
_Run3-Spot 298	126	38604	1.1	16.4578	2.7	0.8157	3.5	0.0974	2.3	0.65	599.0	13.0
_Run2-Spot 160	47	24477	3.8	16.5468	4.4	0.8123	4.9	0.0975	2.1	0.43	599.6	12.0
5_Run1-Spot 72	112	32254	2.1	16.6352	2.0	0.8137	2.7	0.0982	1.7	0.64	603.7	9.9
_Run3-Spot 288	101	38008	1.4	16.1592	2.4	0.8381	4.5	0.0982	3.8	0.85	604.0	22.0

TABLE DR1												
_Run2-Spot 182	117	24063	1.5	16.7417	2.6	0.8163	3.4	0.0991	2.2	0.65	609.2	13.0
_Run2-Spot 121	312	22272	1.4	16.2689	2.0	0.8406	2.9	0.0992	2.1	0.71	609.7	12.1
_Run3-Spot 293	133	118349	1.9	16.5939	1.7	0.8265	2.2	0.0995	1.3	0.59	611.3	7.5
5_Run1-Spot 22	214	154904	1.8	16.5198	1.7	0.8355	2.2	0.1001	1.5	0.66	615.0	8.6
_Run2-Spot 143	88	12980	1.3	15.8207	2.4	0.8725	3.2	0.1001	2.2	0.68	615.1	12.8
_Run3-Spot 243	63	46465	1.2	16.6650	3.5	0.8320	4.1	0.1006	2.1	0.50	617.7	12.1
_Run3-Spot 268	293	44969	4.4	16.3689	1.4	0.8504	2.1	0.1010	1.6	0.75	620.0	9.3
_Run3-Spot 229	392	81097	1.7	16.6521	1.6	0.8456	2.4	0.1021	1.8	0.74	626.9	10.6
_Run3-Spot 235	26	16438	0.7	15.9471	3.8	0.8839	4.4	0.1022	2.1	0.49	627.5	12.8
_Run3-Spot 227	125	134532	3.3	16.1456	1.8	0.8761	3.0	0.1026	2.4	0.81	629.6	14.5
_Run2-Spot 186	272	41885	1.1	16.1436	2.0	0.8815	2.7	0.1032	1.9	0.69	633.2	11.2
_Run2-Spot 165	141	106455	1.5	16.4406	2.1	0.8849	2.6	0.1055	1.5	0.60	646.7	9.5
4-5_Run1-Spot 8	77	996732	3.3	14.3842	2.7	1.4773	3.2	0.1541	1.8	0.55	924.0	15.5
_Run3-Spot 286	253	111981	4.8	14.3130	1.7	1.4876	2.5	0.1544	1.9	0.76	925.7	16.6
_Run1-Spot 107	122	47456	3.3	14.2883	1.8	1.4188	2.5	0.1470	1.7	0.68	884.3	14.1
5_Run1-Spot 86	240	6680480	2.1	14.2473	2.0	1.4708	2.4	0.1520	1.5	0.60	912.1	12.4
_Run1-Spot 101	82	30247	3.2	14.2179	2.5	1.4716	3.1	0.1518	1.8	0.58	910.8	15.2
_Run3-Spot 321	66	64344	3.5	14.0830	2.6	1.5592	3.4	0.1593	2.1	0.63	952.6	18.8
_Run2-Spot 207	83	101657	0.8	14.0237	2.3	1.5573	3.2	0.1584	2.3	0.70	947.8	19.9
_Run3-Spot 278	33	44001	1.8	13.9981	2.4	1.5923	2.6	0.1617	1.1	0.42	966.0	9.8
_Run3-Spot 249	254	244325	21.4	13.9932	1.3	1.5796	1.9	0.1603	1.4	0.75	958.5	12.9
_Run2-Spot 214	95	9838	3.0	13.8452	2.2	1.6741	2.9	0.1681	1.9	0.67	1001.6	18.1
5_Run1-Spot 94	38	36734	44.7	13.8062	3.7	1.7008	4.3	0.1703	2.1	0.50	1013.8	20.1
5_Run1-Spot 45	115	36102	3.7	13.8021	1.9	1.7283	2.6	0.1730	1.8	0.68	1028.6	16.9
_Run2-Spot 192	89	48492	4.1	13.7935	2.5	1.5638	2.9	0.1564	1.6	0.53	937.0	13.6
_Run1-Spot 110	173	37344	3.8	13.7934	1.9	1.6234	2.3	0.1624	1.4	0.59	970.1	12.3
_Run2-Spot 151	200	41065	3.7	13.7733	1.9	1.7282	2.2	0.1726	1.2	0.55	1026.6	11.6
_Run2-Spot 113	194	23661	3.1	13.7501	1.7	1.6702	2.4	0.1666	1.6	0.68	993.1	15.0
_Run3-Spot 271	88	50941	3.4	13.7465	1.5	1.7089	2.3	0.1704	1.7	0.75	1014.2	16.0
5_Run1-Spot 41	362	121029	3.6	13.7455	1.2	1.6818	1.9	0.1677	1.5	0.78	999.2	13.7
_Run2-Spot 156	69	13797	1.0	13.7400	2.3	1.6246	2.8	0.1619	1.5	0.55	967.3	13.6
_Run3-Spot 230	59	33198	3.2	13.7271	2.3	1.7010	2.8	0.1693	1.6	0.57	1008.5	15.1
_Run3-Spot 257	207	120153	2.7	13.7262	1.3	1.6321	2.1	0.1625	1.7	0.79	970.5	15.3
_Run3-Spot 295	126	29870	2.4	13.6886	1.6	1.7473	2.3	0.1735	1.7	0.74	1031.2	16.5
5_Run1-Spot 98	242	89263	6.9	13.6800	1.6	1.6863	2.3	0.1673	1.7	0.73	997.2	15.6
_Run2-Spot 154	204	114516	3.5	13.6765	2.2	1.7466	2.6	0.1733	1.5	0.57	1030.0	14.2
5_Run1-Spot 28	65	28925	2.4	13.6740	2.0	1.7231	3.1	0.1709	2.4	0.75	1017.0	22.1
_Run1-Spot 109	64	42011	1.8	13.6710	2.1	1.6335	2.5	0.1620	1.4	0.55	967.7	12.6
5_Run1-Spot 36	345	52603	1.4	13.6703	1.2	1.7269	2.3	0.1712	2.0	0.85	1018.8	18.5
_Run3-Spot 239	97	53549	2.5	13.6636	1.2	1.7380	2.0	0.1722	1.7	0.82	1024.4	15.7
5_Run1-Spot 88	141	39885	3.7	13.6589	1.6	1.6954	2.5	0.1679	1.9	0.77	1000.8	17.5
5_Run1-Spot 61	40	26208	3.4	13.6527	2.1	1.5852	3.0	0.1570	2.1	0.71	939.9	18.5
5_Run1-Spot 55	45	32009	0.9	13.6485	3.0	1.5042	3.9	0.1489	2.5	0.65	894.8	21.3
_Run2-Spot 117	97	21871	1.9	13.6465	1.8	1.5407	3.8	0.1525	3.4	0.88	914.9	28.8
_Run3-Spot 305	128	124628	3.7	13.6460	1.5	1.7018	2.0	0.1684	1.3	0.64	1003.4	11.7
5_Run1-Spot 80	257	58367	4.3	13.6308	1.2	1.7339	2.1	0.1714	1.7	0.82	1019.9	16.5

TABLE DR1												
_Run1-Spot 104	1207	143925	4.3	13.6252	0.8	1.7489	1.7	0.1728	1.5	0.90	1027.7	14.6
_Run2-Spot 112	279	24316	3.0	13.6252	1.4	1.5830	2.2	0.1564	1.7	0.79	936.9	15.2
_Run2-Spot 157	132	31797	1.1	13.6176	1.6	1.7457	2.1	0.1724	1.3	0.62	1025.4	12.1
5_Run1-Spot 63	523	124546	3.9	13.6162	1.3	1.7891	2.5	0.1767	2.1	0.85	1048.8	20.8
_Run3-Spot 292	53	43713	2.4	13.6146	2.1	1.7841	3.0	0.1762	2.2	0.73	1046.0	21.2
_Run2-Spot 139	155	83289	3.4	13.5915	1.7	1.7418	2.4	0.1717	1.6	0.67	1021.5	14.9
_Run3-Spot 316	57	38264	1.7	13.5853	2.0	1.7956	2.6	0.1769	1.6	0.63	1050.1	15.8
_Run3-Spot 232	100	88040	3.0	13.5712	1.5	1.8470	2.4	0.1818	1.8	0.77	1076.8	17.9
4-5_Run1-Spot 9	122	245583	3.3	13.5490	1.6	1.7193	2.4	0.1689	1.7	0.72	1006.3	15.8
4-5_Run1-Spot 7	93	73323	1.4	13.5423	1.6	1.6813	2.4	0.1651	1.8	0.74	985.3	16.1
_Run3-Spot 313	188	155077	25.1	13.5344	1.1	1.7519	2.2	0.1720	1.9	0.87	1023.0	18.3
_Run3-Spot 277	260	112494	3.5	13.5302	1.0	1.7987	1.9	0.1765	1.6	0.85	1047.9	15.3
5_Run1-Spot 48	205	39683	1.9	13.5142	1.6	1.7700	2.0	0.1735	1.2	0.60	1031.3	11.2
5_Run1-Spot 75	59	29998	2.0	13.5096	2.6	1.8488	3.2	0.1812	1.9	0.60	1073.3	19.0
_Run2-Spot 144	170	32869	2.9	13.5058	1.8	1.6961	2.2	0.1661	1.2	0.56	990.8	11.2
5_Run1-Spot 17	114	29998	3.2	13.5028	1.7	1.8154	3.5	0.1778	3.1	0.88	1054.9	29.8
_Run2-Spot 170	159	62521	3.9	13.4943	1.6	1.7469	2.3	0.1710	1.7	0.74	1017.4	16.0
_Run2-Spot 135	119	29539	2.9	13.4898	1.6	1.7314	2.1	0.1694	1.4	0.67	1008.8	13.2
5_Run1-Spot 59	212	66714	2.5	13.4891	1.2	1.6864	1.8	0.1650	1.3	0.75	984.4	12.1
_Run2-Spot 134	344	47670	2.1	13.4860	1.2	1.7236	3.5	0.1686	3.3	0.94	1004.3	30.8
5_Run1-Spot 13	51	37559	1.7	13.4839	2.4	1.7866	3.1	0.1747	2.0	0.64	1038.1	18.9
_Run2-Spot 187	44	21258	0.9	13.4756	2.7	1.7764	3.2	0.1736	1.7	0.53	1032.0	16.1
_Run3-Spot 241	95	158807	3.3	13.4743	1.6	1.6837	2.4	0.1645	1.7	0.74	982.0	15.9
5_Run1-Spot 69	196	220548	2.4	13.4691	1.4	1.7883	2.5	0.1747	2.0	0.82	1037.9	19.3
_Run3-Spot 228	216	177725	2.8	13.4075	1.5	1.7526	2.5	0.1704	2.0	0.81	1014.4	19.1
_Run3-Spot 275	110	75271	1.9	13.4064	1.4	1.8683	2.0	0.1817	1.4	0.70	1076.0	14.1
_Run3-Spot 245	236	#####	3.4	13.4064	1.5	1.7679	2.4	0.1719	1.9	0.78	1022.5	17.8
5_Run1-Spot 92	99	142707	1.3	13.4021	1.4	1.7679	4.3	0.1718	4.1	0.95	1022.2	38.6
_Run2-Spot 211	132	37999	1.3	13.3977	2.0	1.8186	2.8	0.1767	2.0	0.70	1049.0	19.2
_Run2-Spot 179	125	48490	3.0	13.3927	2.4	1.7188	2.9	0.1670	1.6	0.54	995.3	14.5
4-5_Run1-Spot 1	509	751786	40.6	13.3848	1.1	1.9166	1.7	0.1861	1.3	0.78	1100.0	13.1
5_Run1-Spot 47	60	18157	3.6	13.3833	2.4	1.8343	2.9	0.1780	1.7	0.57	1056.3	16.2
_Run3-Spot 315	75	191356	2.3	13.3821	1.9	1.7672	3.0	0.1715	2.3	0.76	1020.5	21.4
5_Run1-Spot 85	179	32251	1.3	13.3746	1.3	1.8317	2.0	0.1777	1.6	0.77	1054.3	15.1
_Run3-Spot 238	302	206974	1.1	13.3577	1.1	1.8341	1.9	0.1777	1.6	0.84	1054.3	15.7
_Run3-Spot 310	74	68256	2.8	13.3455	2.1	1.7220	3.2	0.1667	2.4	0.75	993.8	22.1
5_Run1-Spot 91	202	163156	1.9	13.3280	1.5	1.8124	2.0	0.1752	1.4	0.69	1040.7	13.5
5_Run1-Spot 33	761	107898	11.0	13.2893	1.1	1.8259	2.1	0.1760	1.7	0.84	1045.0	16.8
_Run2-Spot 163	55	107276	4.0	13.2866	3.2	1.7815	3.9	0.1717	2.3	0.60	1021.3	22.1
5_Run1-Spot 20	103	153848	2.1	13.2826	1.9	1.7990	2.6	0.1733	1.8	0.70	1030.3	17.5
_Run3-Spot 260	113	46193	1.5	13.2525	1.7	1.8213	2.6	0.1751	2.0	0.77	1039.9	19.1
5_Run1-Spot 35	68	85886	4.2	13.2342	1.5	1.7746	2.2	0.1703	1.6	0.72	1014.0	14.6
_Run2-Spot 220	52	20810	1.5	13.2313	2.4	1.7888	4.3	0.1717	3.6	0.83	1021.3	34.1
_Run2-Spot 171	543	117197	8.3	13.2287	1.1	1.8984	2.4	0.1821	2.1	0.88	1078.6	21.1
_Run2-Spot 203	86	23569	2.9	13.2287	2.5	1.8254	4.9	0.1751	4.2	0.86	1040.3	40.5
5_Run1-Spot 60	82	42938	1.4	13.1932	2.6	1.8363	3.2	0.1757	1.9	0.60	1043.5	18.5

TABLE DR1												
_Run3-Spot 291	114	56214	2.5	13.1920	1.6	1.8514	2.2	0.1771	1.6	0.70	1051.3	15.2
_Run2-Spot 115	650	64107	3.6	13.1753	1.0	1.9047	2.5	0.1820	2.3	0.92	1077.9	22.7
_Run3-Spot 266	170	79829	2.1	13.1661	1.0	1.8366	1.8	0.1754	1.5	0.82	1041.7	14.1
_Run2-Spot 132	229	53566	1.4	13.1534	1.4	1.9321	2.0	0.1843	1.4	0.71	1090.5	14.5
_Run2-Spot 150	378	38030	1.7	13.1429	1.3	1.8739	2.0	0.1786	1.5	0.76	1059.4	15.0
_Run2-Spot 162	96	16250	1.8	13.1405	2.7	1.8380	3.1	0.1752	1.4	0.47	1040.5	13.8
_Run3-Spot 322	34	45583	0.8	13.1358	2.3	1.8326	3.2	0.1746	2.3	0.71	1037.4	22.1
_Run3-Spot 234	45	55439	1.7	13.1141	2.3	1.8699	2.9	0.1779	1.8	0.62	1055.2	17.6
_Run2-Spot 145	88	12605	1.4	13.1061	2.3	1.8755	3.2	0.1783	2.3	0.71	1057.5	22.2
_Run3-Spot 222	95	65942	0.8	13.0812	1.3	1.9151	2.0	0.1817	1.6	0.77	1076.2	15.7
5_Run1-Spot 50	109	38873	2.4	13.0798	2.0	1.8516	4.0	0.1756	3.4	0.86	1043.1	33.2
_Run3-Spot 240	216	226673	2.0	13.0730	1.6	1.9586	2.5	0.1857	1.9	0.77	1098.0	19.2
_Run3-Spot 296	50	64539	1.5	13.0497	2.7	1.9212	3.4	0.1818	2.1	0.61	1077.0	20.4
_Run2-Spot 198	70	18845	3.2	13.0180	2.5	2.0204	2.8	0.1908	1.2	0.42	1125.5	12.0
_Run3-Spot 284	63	26467	2.9	13.0064	2.0	2.0041	2.7	0.1890	1.8	0.67	1116.2	18.5
_Run3-Spot 281	54	73279	1.9	12.9851	2.0	2.0586	2.9	0.1939	2.1	0.73	1142.3	22.1
_Run2-Spot 188	112	19735	2.9	12.9787	1.9	1.9776	2.7	0.1862	2.0	0.73	1100.5	20.1
_Run2-Spot 125	97	53247	1.4	12.9548	2.3	1.9350	3.2	0.1818	2.3	0.71	1076.8	22.7
5_Run1-Spot 53	214	115576	2.5	12.9493	1.6	1.9017	2.2	0.1786	1.6	0.71	1059.3	15.6
_Run3-Spot 267	158	87321	3.7	12.9460	1.4	1.9684	1.9	0.1848	1.3	0.69	1093.3	13.0
5_Run1-Spot 57	1028	189947	3.6	12.9225	1.2	1.7878	1.8	0.1676	1.4	0.75	998.7	12.7
_Run1-Spot 102	646	303090	4.4	12.8962	1.2	1.9782	2.0	0.1850	1.6	0.80	1094.4	16.5
_Run2-Spot 158	79	23373	1.4	12.8822	2.2	1.8964	2.6	0.1772	1.4	0.53	1051.5	13.6
_Run2-Spot 118	210	22510	2.4	12.8640	1.1	2.0946	2.3	0.1954	2.0	0.88	1150.7	21.0
5_Run1-Spot 67	116	30295	1.3	12.8502	1.8	1.9732	2.6	0.1839	1.8	0.71	1088.2	18.5
5_Run1-Spot 64	448	148417	3.2	12.8480	1.3	2.1076	2.3	0.1964	1.9	0.83	1155.9	19.9
_Run2-Spot 216	256	108850	1.9	12.8324	3.2	1.8352	3.6	0.1708	1.7	0.48	1016.5	16.1
5_Run1-Spot 82	267	140846	4.1	12.7743	1.3	2.1252	1.7	0.1969	1.2	0.69	1158.6	12.8
_Run3-Spot 289	96	132075	2.2	12.7577	1.4	2.0216	2.3	0.1871	1.8	0.80	1105.4	18.7
_Run2-Spot 184	574	30613	2.1	12.7401	1.2	1.7076	1.8	0.1578	1.4	0.77	944.4	12.5
_Run3-Spot 326	164	128564	4.0	12.7352	0.9	2.1772	1.7	0.2011	1.5	0.84	1181.2	15.8
_Run2-Spot 215	537	61671	5.0	12.7081	1.1	2.1299	1.6	0.1963	1.2	0.74	1155.5	12.2
5_Run1-Spot 16	180	208407	2.7	12.6871	1.3	2.0553	2.0	0.1891	1.6	0.78	1116.6	16.2
_Run2-Spot 189	380	45930	2.0	12.6798	1.2	2.0605	2.9	0.1895	2.7	0.92	1118.6	27.2
_Run3-Spot 330	19	28933	2.1	12.6666	2.5	2.0325	4.8	0.1867	4.1	0.85	1103.6	41.2
_Run2-Spot 147	100	21001	4.2	12.6658	1.9	2.0815	2.3	0.1912	1.3	0.57	1127.9	13.4
5_Run1-Spot 24	49	43093	1.7	12.6556	3.1	2.1387	3.6	0.1963	1.9	0.52	1155.5	19.8
_Run2-Spot 178	302	53487	2.0	12.6423	1.7	2.1449	2.2	0.1967	1.4	0.62	1157.4	14.5
4-5_Run1-Spot 5	50	20769	3.2	12.5833	3.0	2.1496	3.5	0.1962	1.8	0.50	1154.8	18.5
_Run3-Spot 306	28	41354	3.8	12.5432	2.1	2.1022	4.5	0.1912	4.0	0.89	1128.1	41.8
5_Run1-Spot 81	66	185433	1.5	12.5294	2.1	2.1415	3.0	0.1946	2.1	0.72	1146.2	22.4
5_Run1-Spot 77	198	44174	2.6	12.5012	1.3	2.1478	1.9	0.1947	1.4	0.72	1147.0	14.4
5_Run1-Spot 79	171	62510	3.1	12.4945	1.8	2.0922	3.0	0.1896	2.4	0.79	1119.2	24.2
_Run2-Spot 168	39	19724	1.5	12.4858	2.5	2.1908	3.6	0.1984	2.5	0.71	1166.7	27.0
_Run3-Spot 259	93	71567	2.2	12.4812	1.0	2.2788	1.6	0.2063	1.2	0.76	1209.0	13.2
5_Run1-Spot 70	91	65940	2.8	12.4477	1.7	2.2025	3.1	0.1988	2.6	0.83	1169.1	27.8

TABLE DR1												
_Run3-Spot 251	246	136929	6.7	12.4344	1.6	2.3502	2.4	0.2119	1.8	0.75	1239.2	20.6
5_Run1-Spot 84	102	26425	1.2	12.3646	1.8	1.9926	4.4	0.1787	4.0	0.91	1059.8	39.1
_Run3-Spot 324	27	42549	2.0	12.3329	2.7	2.1339	3.8	0.1909	2.6	0.69	1126.1	26.8
5_Run1-Spot 30	284	56725	1.2	12.2331	1.6	2.2837	2.3	0.2026	1.7	0.72	1189.4	18.3
_Run3-Spot 309	46	215554	4.0	12.1808	2.5	2.3318	3.0	0.2060	1.7	0.56	1207.5	18.5
5_Run1-Spot 46	172	169338	1.8	12.1661	1.5	2.3623	2.1	0.2084	1.4	0.69	1220.5	15.9
_Run3-Spot 285	39	39937	3.1	12.1373	2.0	2.3031	3.1	0.2027	2.4	0.76	1190.0	25.7
_Run3-Spot 265	299	75472	2.2	12.0948	1.2	2.4300	1.8	0.2132	1.3	0.74	1245.6	14.7
_Run3-Spot 302	213	85515	2.0	12.0434	1.2	2.4593	2.1	0.2148	1.7	0.81	1254.4	19.2
_Run2-Spot 173	380	60682	3.2	12.0152	1.3	2.4698	2.7	0.2152	2.3	0.87	1256.6	26.4
_Run2-Spot 183	317	64589	1.3	11.6845	1.4	2.4928	2.0	0.2112	1.5	0.73	1235.5	16.5
5_Run1-Spot 12	59	25059	2.3	11.6630	1.9	2.7823	2.3	0.2353	1.3	0.55	1362.5	15.6
_Run3-Spot 256	141	51959	2.7	11.6458	1.3	2.6776	2.4	0.2262	2.0	0.84	1314.3	24.2
5_Run1-Spot 71	363	141418	2.2	11.6430	1.2	2.5883	1.9	0.2186	1.4	0.75	1274.3	16.3
5_Run1-Spot 62	128	48397	2.0	11.6316	1.5	2.6640	3.2	0.2247	2.8	0.87	1306.8	32.6
5_Run1-Spot 26	79	65786	1.1	11.6095	2.4	2.5004	3.0	0.2105	1.8	0.60	1231.7	20.6
5_Run1-Spot 19	377	67007	4.2	11.5612	1.1	2.8566	2.3	0.2395	2.0	0.88	1384.2	25.3
_Run2-Spot 172	69	28379	0.7	11.5579	1.9	2.6955	2.5	0.2260	1.6	0.65	1313.3	19.0
_Run2-Spot 140	156	85459	2.2	11.5421	1.3	2.8350	2.1	0.2373	1.7	0.79	1372.8	21.0
_Run3-Spot 255	103	174024	2.9	11.4452	1.4	2.8891	2.1	0.2398	1.6	0.76	1385.8	19.6
_Run1-Spot 106	187	77654	1.9	11.3582	1.7	2.8467	3.1	0.2345	2.6	0.83	1358.1	31.4
_Run2-Spot 128	154	19750	1.7	11.3520	0.9	2.8577	1.6	0.2353	1.3	0.84	1362.1	16.4
5_Run1-Spot 87	242	52185	1.9	11.3422	1.3	2.7555	3.0	0.2267	2.7	0.90	1317.0	32.1
5_Run1-Spot 99	148	60077	3.6	11.3236	1.8	2.7744	2.5	0.2279	1.7	0.70	1323.2	20.7
_Run3-Spot 237	124	210117	3.2	11.1862	0.9	2.9031	1.7	0.2355	1.5	0.86	1363.4	18.3
_Run3-Spot 287	86	75637	2.6	11.0915	1.2	3.0097	2.4	0.2421	2.0	0.85	1397.6	25.6
_Run3-Spot 328	76	3605249	2.0	11.0445	1.5	3.0487	2.0	0.2442	1.4	0.67	1408.5	17.3
_Run2-Spot 148	206	35250	2.0	11.0204	1.8	2.8493	3.1	0.2277	2.5	0.81	1322.6	29.9
_Run2-Spot 206	209	34061	3.1	11.0198	1.7	3.1026	2.3	0.2480	1.5	0.68	1428.0	19.7
_Run2-Spot 133	206	63912	1.9	10.9985	1.1	2.9252	2.0	0.2333	1.6	0.82	1352.0	20.1
_Run2-Spot 153	139	61040	2.8	10.9964	1.4	3.0599	2.6	0.2440	2.2	0.85	1407.6	28.0
_Run3-Spot 312	112	69846	2.9	10.9289	1.0	3.3657	2.3	0.2668	2.0	0.89	1524.4	27.3
5_Run1-Spot 25	245	126449	2.9	10.9028	1.4	3.1441	2.0	0.2486	1.3	0.69	1431.4	17.2
_Run3-Spot 269	66	56183	2.2	10.8905	1.8	3.1403	3.0	0.2480	2.4	0.80	1428.3	31.2
_Run3-Spot 274	84	76219	1.9	10.8714	2.0	3.2076	2.8	0.2529	1.9	0.69	1453.5	25.3
_Run2-Spot 116	124	66580	1.5	10.8152	1.5	3.2150	3.1	0.2522	2.8	0.88	1449.7	35.9
5_Run1-Spot 54	302	82649	3.1	10.7961	1.1	3.2241	2.2	0.2524	1.9	0.85	1451.1	24.1
_Run3-Spot 314	73	156896	1.8	10.7907	1.7	3.1587	2.5	0.2472	1.9	0.73	1424.0	23.7
5_Run1-Spot 44	689	158029	13.0	10.7876	0.9	3.2771	2.1	0.2564	1.9	0.90	1471.4	25.0
_Run3-Spot 261	42	55405	0.8	10.7077	1.3	3.3744	2.2	0.2621	1.7	0.80	1500.4	23.2
5_Run1-Spot 42	179	212969	3.7	10.7023	1.3	3.3172	2.0	0.2575	1.6	0.77	1477.0	20.8
_Run2-Spot 213	149	39680	1.9	10.5987	1.4	3.3288	2.1	0.2559	1.6	0.76	1468.7	20.7
5_Run1-Spot 11	41	28282	2.1	10.4434	1.9	3.1909	2.7	0.2417	1.9	0.69	1395.4	23.2
_Run2-Spot 212	720	64421	2.6	10.4065	0.9	3.4704	2.4	0.2619	2.2	0.92	1499.7	29.1
5_Run1-Spot 90	220	191508	2.8	10.3726	1.3	3.5366	1.7	0.2661	1.1	0.65	1520.7	15.1
_Run2-Spot 131	197	36561	1.9	10.3623	1.2	3.5763	2.9	0.2688	2.6	0.92	1534.6	36.1

TABLE DR1												
_Run3-Spot 290	196	64462	1.1	10.3085	1.0	3.5020	1.7	0.2618	1.4	0.80	1499.2	18.4
5_Run1-Spot 73	141	129797	3.6	10.1208	1.6	3.6947	2.8	0.2712	2.3	0.83	1546.9	31.7
5_Run1-Spot 32	39	25346	1.8	10.0183	1.6	3.6949	2.5	0.2685	1.9	0.76	1533.0	25.4
_Run2-Spot 201	81	46372	2.4	10.0157	1.7	3.8579	3.5	0.2802	3.1	0.88	1592.6	44.0
5_Run1-Spot 37	110	33282	1.5	9.9664	1.4	3.9375	2.1	0.2846	1.5	0.75	1614.6	22.0
_Run2-Spot 164	566	118598	2.0	9.9385	1.1	3.9644	1.9	0.2858	1.5	0.80	1620.3	22.0
_Run3-Spot 304	379	101844	2.8	9.9164	1.0	3.9977	2.4	0.2875	2.2	0.91	1629.1	31.0
5_Run1-Spot 89	275	67646	3.6	9.9143	1.4	3.8823	2.3	0.2792	1.8	0.78	1587.1	24.8
_Run3-Spot 318	109	86398	1.8	9.8971	1.1	4.1585	1.8	0.2985	1.4	0.77	1683.9	20.1
_Run2-Spot 174	235	165828	2.4	9.8925	1.4	4.0624	2.4	0.2915	1.9	0.80	1648.8	28.0
_Run2-Spot 129	352	151976	0.8	9.8700	1.4	3.9850	2.6	0.2853	2.1	0.83	1617.8	30.5
_Run3-Spot 270	81	49171	1.7	9.8688	1.5	3.9931	2.1	0.2858	1.5	0.70	1620.5	21.6
_Run3-Spot 279	146	257556	4.9	9.8686	1.0	4.1582	2.6	0.2976	2.4	0.92	1679.5	35.8
_Run2-Spot 217	134	51601	1.1	9.8422	1.6	4.0106	2.3	0.2863	1.6	0.69	1622.9	22.4
_Run3-Spot 311	208	101349	1.1	9.8373	1.2	4.0914	2.0	0.2919	1.6	0.81	1651.1	23.9
_Run2-Spot 202	112	41881	1.3	9.8140	1.5	4.0075	1.9	0.2852	1.2	0.62	1617.7	16.5
_Run3-Spot 254	159	168840	1.0	9.7568	1.4	4.0540	2.2	0.2869	1.7	0.78	1625.9	25.1
_Run3-Spot 236	66	34983	1.8	9.7005	1.3	4.3430	2.5	0.3055	2.1	0.84	1718.8	31.3
_Run3-Spot 280	69	44546	1.2	9.5531	1.7	4.3436	2.5	0.3009	1.9	0.75	1696.0	28.4
_Run2-Spot 190	52	48474	1.5	9.5300	2.2	4.2920	3.0	0.2967	2.1	0.69	1674.7	30.6
_Run2-Spot 166	81	28643	1.3	9.4783	1.6	4.4655	2.3	0.3070	1.5	0.68	1725.8	23.4
_Run3-Spot 223	87	55067	1.7	9.4749	1.0	4.3502	1.8	0.2989	1.5	0.83	1686.0	22.2
_Run2-Spot 123	254	80642	2.6	9.4619	1.1	4.3412	2.0	0.2979	1.6	0.82	1680.9	23.9
5_Run1-Spot 31	202	585000	2.8	9.4527	1.4	4.5014	1.9	0.3086	1.3	0.67	1733.8	19.5
_Run3-Spot 320	98	69038	4.6	9.4441	1.1	4.4914	1.9	0.3076	1.6	0.82	1729.1	23.8
5_Run1-Spot 76	197	174064	3.0	9.4381	1.3	4.4683	1.9	0.3059	1.4	0.71	1720.3	20.4
_Run3-Spot 327	164	138321	3.0	9.4239	1.2	4.5201	2.2	0.3089	1.9	0.84	1735.5	28.6
5_Run1-Spot 66	394	98468	3.1	9.3911	1.0	4.5281	1.9	0.3084	1.7	0.87	1732.9	25.6
_Run3-Spot 231	50	178015	2.8	9.3681	1.9	4.5754	2.5	0.3109	1.6	0.63	1745.0	24.0
_Run2-Spot 122	128	30559	3.7	9.3544	1.5	4.4901	2.2	0.3046	1.6	0.73	1714.2	24.1
_Run2-Spot 219	343	115871	1.9	9.2918	1.1	4.5611	1.8	0.3074	1.5	0.80	1727.8	22.4
4-5_Run1-Spot 3	126	62407	1.2	9.2428	1.2	4.5200	1.7	0.3030	1.2	0.69	1706.2	17.4
_Run2-Spot 141	172	239143	2.2	9.2112	0.9	4.5478	2.5	0.3038	2.4	0.94	1710.2	35.7
5_Run1-Spot 40	31	29379	0.8	9.0823	2.1	4.4249	2.6	0.2915	1.5	0.59	1648.9	22.2
_Run3-Spot 325	36	112966	0.7	8.9792	1.4	5.1594	2.3	0.3360	1.9	0.80	1867.4	30.3
_Run3-Spot 262	67	231783	0.5	8.9100	1.1	5.0299	1.8	0.3250	1.4	0.80	1814.3	22.6
5_Run1-Spot 21	70	91228	1.5	8.9074	1.3	5.0381	2.1	0.3255	1.7	0.79	1816.4	26.2
5_Run1-Spot 34	71	102544	1.0	8.8889	1.6	5.0320	2.3	0.3244	1.6	0.69	1811.2	24.8
4-5_Run1-Spot 4	203	82267	1.8	8.7053	1.0	5.1136	2.1	0.3229	1.9	0.89	1803.7	29.2
_Run2-Spot 126	256	44635	1.2	8.6284	1.2	5.4718	2.0	0.3424	1.6	0.80	1898.3	26.3
_Run2-Spot 185	38	20662	1.2	8.4615	2.0	5.4364	2.5	0.3336	1.5	0.61	1855.9	24.5
_Run3-Spot 301	208	484000	3.6	8.4437	1.2	5.7960	1.8	0.3549	1.3	0.72	1958.2	22.0
_Run3-Spot 250	217	132636	2.6	8.2187	1.0	6.0136	1.7	0.3585	1.3	0.78	1974.8	22.0
_Run1-Spot 105	115	100649	2.9	8.1530	1.3	5.9190	1.9	0.3500	1.3	0.69	1934.6	21.5
_Run3-Spot 294	347	152993	2.0	8.1132	0.9	6.1104	1.7	0.3595	1.5	0.86	1980.0	24.7
_Run2-Spot 159	82	53286	1.4	8.0802	1.2	6.1862	1.9	0.3625	1.4	0.77	1994.2	24.6

TABLE DR1												
_Run2-Spot 218	355	27201	3.1	8.0038	1.2	6.4025	1.8	0.3717	1.4	0.76	2037.2	24.5
_Run3-Spot 299	35	80141	1.0	7.8485	1.6	6.5999	2.8	0.3757	2.2	0.80	2056.1	39.0
_Run2-Spot 119	94	26254	0.8	7.7442	1.1	6.6723	2.6	0.3748	2.3	0.90	2051.7	40.4
5_Run1-Spot 43	723	483862	1.0	7.7374	0.8	6.7267	1.8	0.3775	1.6	0.90	2064.5	28.9
_Run3-Spot 244	80	374605	1.7	7.7178	1.1	6.6591	1.7	0.3727	1.3	0.75	2042.3	22.8
5_Run1-Spot 23	85	210402	2.9	7.5076	1.6	6.9060	2.3	0.3760	1.7	0.73	2057.7	29.6
_Run1-Spot 108	54	217606	1.5	6.3304	1.3	9.6219	2.5	0.4418	2.1	0.85	2358.5	41.2
_Run2-Spot 176	346	1765298	1.6	6.2423	0.9	8.8757	3.6	0.4018	3.5	0.97	2177.5	64.4
5_Run1-Spot 68	57	51675	1.7	5.8356	1.4	11.4551	2.1	0.4848	1.5	0.74	2548.2	32.2
_Run3-Spot 297	372	178044	7.6	5.4126	0.8	12.2046	2.4	0.4791	2.3	0.94	2523.3	47.9
_Run1-Spot 100	229	72679	3.3	5.4007	1.3	12.8872	2.5	0.5048	2.2	0.85	2634.3	46.8
_Run2-Spot 136	179	47662	2.0	5.3776	1.1	12.4464	2.0	0.4854	1.7	0.85	2550.9	36.3
5_Run1-Spot 95	77	104058	1.9	5.3560	1.5	12.9332	2.2	0.5024	1.6	0.72	2624.1	34.3
_Run2-Spot 161	303	31010	1.2	5.3145	0.6	13.5999	1.5	0.5242	1.4	0.92	2716.9	31.4
_Run2-Spot 138	299	40667	1.4	5.1936	0.9	14.1060	2.2	0.5313	1.9	0.90	2747.1	43.6
_Run3-Spot 273	26	56402	1.4	4.7154	2.3	16.2960	3.3	0.5573	2.4	0.72	2855.5	55.4

Table DR1Q U-Pb geochronologic analyses SYN14-10												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
10 run 1-Spot 53	76	6966	3.5	20.4113	8.6	0.1164	8.9	0.0172	2.3	0.26	110.1	2.5
0 run3-Spot 267	102	3583	2.5	22.6361	7.2	0.1057	7.8	0.0174	3.2	0.40	111.0	3.5
10 run 1-Spot 89	40	4813	3.4	20.1319	9.4	0.1208	10.0	0.0176	3.2	0.33	112.7	3.6
0 run2-Spot 126	86	5821	2.2	21.9065	6.2	0.1115	6.7	0.0177	2.4	0.36	113.2	2.7
10 run 1-Spot 39	96	2346	3.5	21.7626	6.4	0.1133	6.9	0.0179	2.7	0.40	114.2	3.1
0 run2-Spot 192	39	3016	2.2	20.0726	9.5	0.1232	11.2	0.0179	6.0	0.54	114.6	6.9
10 run 1-Spot 40	54	1727	2.2	20.6475	8.6	0.1204	9.4	0.0180	3.7	0.40	115.2	4.2
10 run 1-Spot 47	107	18465	2.7	18.5177	7.0	0.1343	8.0	0.0180	3.7	0.47	115.3	4.3
0 run2-Spot 147	84	41608	3.1	19.2964	4.9	0.1296	6.1	0.0181	3.6	0.59	115.9	4.1
0 run2-Spot 178	86	4520	3.0	22.6730	6.6	0.1106	7.2	0.0182	2.8	0.39	116.1	3.3
0 run3-Spot 255	112	4931	3.6	19.5801	8.6	0.1282	8.9	0.0182	2.5	0.28	116.3	2.9
10 run 1-Spot 96	56	9106	3.6	21.7040	7.6	0.1184	8.4	0.0186	3.7	0.44	119.1	4.4
0 run 1-Spot 103	57	17731	3.0	21.5508	6.5	0.1201	7.7	0.0188	4.1	0.53	119.9	4.8
0 run2-Spot 215	115	27941	4.3	19.7524	5.2	0.1833	5.4	0.0263	1.5	0.28	167.0	2.5
10 run 1-Spot 87	4074	20511	3.6	11.4073	1.5	0.3586	3.3	0.0297	2.9	0.89	188.5	5.4
0 run3-Spot 264	360	34180	2.2	19.4198	2.2	0.2498	3.5	0.0352	2.7	0.77	222.9	5.9
0 run2-Spot 163	104	29522	1.2	19.4791	4.5	0.2538	6.0	0.0358	4.0	0.66	227.1	8.9
0 run2-Spot 145	50	12311	2.5	19.7593	6.7	0.2547	7.3	0.0365	2.8	0.38	231.1	6.3
0 run3-Spot 318	655	42391	2.6	19.8764	2.3	0.2541	2.6	0.0366	1.3	0.50	231.9	3.0
0 run3-Spot 270	206	16595	1.5	19.7692	3.7	0.2590	4.0	0.0371	1.6	0.40	235.0	3.7
0 run 1-Spot 102	374	31990	2.3	18.9374	2.4	0.2728	3.2	0.0375	2.2	0.67	237.2	5.0
10 run 1-Spot 23	399	24146	1.4	19.5202	2.1	0.2748	2.7	0.0389	1.7	0.63	246.1	4.1
0 run 1-Spot 110	313	226551	1.3	19.6120	2.7	0.2741	3.8	0.0390	2.7	0.71	246.6	6.6
0 run2-Spot 116	586	107782	1.7	19.1921	2.4	0.2808	3.9	0.0391	3.1	0.79	247.2	7.4
0 run2-Spot 144	111	59454	2.3	18.9909	3.1	0.2852	3.6	0.0393	1.9	0.52	248.3	4.5
0 run3-Spot 238	708	240201	1.9	19.6752	1.8	0.2836	2.9	0.0405	2.2	0.77	255.7	5.6

TABLE DR1												
0 run3-Spot 322	299	31569	1.2	20.0584	3.0	0.2824	3.3	0.0411	1.4	0.42	259.6	3.5
0 run2-Spot 121	264	32194	2.0	18.9824	2.2	0.3022	3.1	0.0416	2.1	0.68	262.7	5.4
0 run3-Spot 277	919	201442	3.0	19.3658	1.5	0.2983	2.6	0.0419	2.1	0.80	264.6	5.3
10 run 1-Spot 49	80	32457	4.8	19.2188	6.5	0.3046	7.0	0.0425	2.5	0.36	268.0	6.7
0 run2-Spot 142	115	16641	2.4	19.1173	4.0	0.3108	4.4	0.0431	1.9	0.43	272.0	5.1
10 run 1-Spot 97	85	14684	1.6	17.5696	5.4	0.3584	6.5	0.0457	3.6	0.56	287.9	10.2
0 run3-Spot 275	457	49460	0.8	19.2585	2.7	0.3285	3.3	0.0459	1.8	0.56	289.2	5.2
0 run3-Spot 258	168	18217	3.7	18.4711	4.1	0.3668	4.6	0.0491	2.2	0.47	309.2	6.6
0 run2-Spot 216	72	30154	1.1	18.6961	3.8	0.3696	4.2	0.0501	1.9	0.45	315.2	5.7
10 run 1-Spot 99	203	34938	1.3	18.7632	2.7	0.3773	3.2	0.0513	1.8	0.55	322.8	5.6
0 run2-Spot 187	248	57288	1.6	19.0293	2.0	0.3818	2.6	0.0527	1.7	0.65	331.0	5.4
-10 run 1-Spot 9	384	48101	1.6	18.2004	1.8	0.4274	2.7	0.0564	2.1	0.76	353.8	7.2
0 run3-Spot 320	176	161334	1.9	17.7942	3.5	0.4374	4.3	0.0565	2.4	0.57	354.0	8.4
0 run2-Spot 119	1131	56284	45.3	18.4642	1.2	0.4331	1.9	0.0580	1.5	0.79	363.4	5.4
0 run3-Spot 235	238	33293	2.2	18.8624	2.3	0.4254	3.4	0.0582	2.5	0.73	364.6	8.8
0 run2-Spot 206	217	50676	0.9	17.9175	1.9	0.4527	2.8	0.0588	2.0	0.74	368.5	7.3
0 run2-Spot 166	125	729239	2.8	18.5949	3.3	0.4407	3.6	0.0594	1.4	0.40	372.2	5.2
0 run3-Spot 292	297	26933	1.8	18.2466	2.9	0.4511	4.1	0.0597	3.0	0.72	373.8	10.8
0 run2-Spot 203	186	38780	7.2	18.4202	2.9	0.4495	3.2	0.0600	1.3	0.42	375.9	4.9
0 run3-Spot 245	49	9548	1.1	18.2028	5.5	0.4618	6.1	0.0610	2.5	0.41	381.5	9.2
0 run2-Spot 172	667	38777	244.4	18.3756	1.6	0.4681	2.3	0.0624	1.7	0.73	390.1	6.3
0 run2-Spot 164	110	38336	20.0	17.9155	2.1	0.4815	4.6	0.0626	4.1	0.89	391.2	15.5
0 run3-Spot 288	234	9812	3.2	6.9500	25.1	1.2579	25.4	0.0634	3.5	0.14	396.3	13.6
0 run3-Spot 252	263	60813	3.9	17.5972	2.9	0.5026	4.5	0.0641	3.5	0.77	400.8	13.6
0 run2-Spot 129	500	173076	1.7	18.1836	1.4	0.4882	3.1	0.0644	2.8	0.89	402.2	10.9
0 run3-Spot 306	380	45165	1.7	18.7459	2.3	0.4806	3.0	0.0653	2.0	0.67	408.0	8.0
10 run 1-Spot 84	804	130309	30.5	18.0977	1.9	0.4990	2.8	0.0655	2.0	0.73	409.0	8.1
10 run 1-Spot 13	334	172353	3.4	18.2617	2.5	0.4993	3.3	0.0661	2.1	0.65	412.8	8.5
0 run3-Spot 268	490	175218	2.7	17.6366	1.5	0.5208	2.7	0.0666	2.2	0.84	415.8	9.0
0 run3-Spot 253	614	61909	2.5	17.6315	2.0	0.5247	3.8	0.0671	3.3	0.85	418.6	13.2
0 run2-Spot 208	384	38732	44.6	17.6456	2.0	0.5266	2.8	0.0674	1.9	0.69	420.4	7.7
0 run3-Spot 274	499	60630	3.1	17.8961	2.4	0.5204	3.1	0.0675	1.9	0.62	421.3	7.8
0 run2-Spot 139	642	245242	1.4	18.2482	1.9	0.5150	3.0	0.0682	2.3	0.78	425.1	9.6
0 run2-Spot 134	114	20607	1.6	17.7679	3.5	0.5301	4.3	0.0683	2.5	0.58	426.0	10.4
10 run 1-Spot 26	921	67071	2.4	14.8305	8.3	0.6363	8.7	0.0684	2.6	0.30	426.8	10.7
0 run2-Spot 220	235	33793	1.4	18.0228	2.7	0.5236	3.3	0.0684	1.9	0.58	426.8	7.8
0 run2-Spot 168	292	28646	3.1	18.1689	1.9	0.5222	3.3	0.0688	2.7	0.82	429.0	11.2
0 run3-Spot 305	303	125307	0.9	17.7247	2.5	0.5376	3.2	0.0691	2.0	0.62	430.8	8.3
10 run 1-Spot 57	224	25648	2.9	18.3830	2.5	0.5224	3.6	0.0697	2.6	0.71	434.1	10.8
10 run 1-Spot 73	1270	116591	1.7	17.7359	1.9	0.5437	3.4	0.0699	2.8	0.83	435.8	11.9
0 run2-Spot 205	273	204307	2.0	18.0218	1.9	0.5371	3.1	0.0702	2.4	0.78	437.3	10.3
10 run 1-Spot 29	39	5141	99.4	19.0887	4.5	0.5088	5.7	0.0704	3.5	0.61	438.8	14.8
0 run2-Spot 217	75	53440	5.8	13.7717	8.9	0.7577	12.7	0.0757	9.0	0.71	470.3	40.8
0 run2-Spot 167	61	88838	21.8	17.5326	3.4	0.5990	4.0	0.0762	2.2	0.54	473.2	9.8
10 run 1-Spot 65	340	106257	4.7	17.5227	2.3	0.6117	3.2	0.0777	2.2	0.68	482.6	10.1
10 run 1-Spot 12	59	25101	0.9	17.0701	4.0	0.6659	5.1	0.0824	3.1	0.61	510.7	15.3

TABLE DR1												
10 run 1-Spot 36	311	88244	1.5	17.0497	2.3	0.6905	3.7	0.0854	2.8	0.77	528.2	14.4
0 run3-Spot 231	225	104697	2.1	17.2660	2.1	0.6890	2.7	0.0863	1.7	0.62	533.5	8.5
0 run2-Spot 194	71	44414	1.5	16.2788	2.7	0.7327	3.2	0.0865	1.8	0.54	534.9	9.0
0 run3-Spot 327	79	25125	1.5	13.1866	4.3	0.9118	5.4	0.0872	3.3	0.61	539.0	17.1
0 run3-Spot 289	166	106802	2.5	16.9720	2.4	0.7139	2.9	0.0879	1.7	0.57	543.0	8.7
10 run 1-Spot 59	134	76287	1.4	17.3713	2.2	0.7013	3.1	0.0884	2.2	0.72	545.8	11.8
0 run2-Spot 151	120	27267	2.8	16.8661	2.2	0.7257	2.8	0.0888	1.7	0.62	548.3	9.1
10 run 1-Spot 64	226	28619	1.9	17.0049	1.6	0.7244	3.2	0.0893	2.7	0.86	551.6	14.4
0 run 1-Spot 104	175	38237	3.2	16.5027	2.0	0.7554	2.7	0.0904	1.7	0.66	558.0	9.3
0 run2-Spot 189	125	36203	0.6	16.7911	1.8	0.7545	2.9	0.0919	2.2	0.78	566.7	12.1
0 run3-Spot 328	167	127112	101.3	16.8960	2.7	0.7519	3.5	0.0921	2.2	0.62	568.2	11.8
0 run3-Spot 250	250	41215	2.6	16.7942	1.8	0.7623	3.3	0.0929	2.7	0.83	572.4	14.9
0 run2-Spot 112	70	63354	0.8	16.5285	4.0	0.7762	6.0	0.0930	4.5	0.75	573.5	24.8
10 run 1-Spot 83	143	108990	1.1	16.6235	2.4	0.7752	3.1	0.0935	2.0	0.63	576.0	10.8
10 run 1-Spot 37	186	28994	1.8	16.3962	1.7	0.7922	2.6	0.0942	1.9	0.75	580.4	10.8
10 run 1-Spot 54	31	16586	1.2	16.1543	4.9	0.8068	5.7	0.0945	2.8	0.50	582.3	15.8
10 run 1-Spot 45	113	22257	2.1	16.7067	3.6	0.7831	4.2	0.0949	2.2	0.53	584.4	12.3
10 run 1-Spot 56	114	120712	1.1	16.0157	3.0	0.8246	5.0	0.0958	4.0	0.80	589.6	22.7
0 run 1-Spot 106	93	27805	0.6	16.6845	3.4	0.7916	3.8	0.0958	1.7	0.44	589.7	9.4
10 run 1-Spot 92	336	56210	6.2	16.3988	1.3	0.8193	2.6	0.0974	2.2	0.86	599.4	12.8
0 run2-Spot 211	226	181262	2.3	16.4285	1.5	0.8187	2.2	0.0975	1.6	0.72	600.0	9.2
-10 run 1-Spot 5	83	34069	1.6	16.4664	2.5	0.8254	3.8	0.0986	2.8	0.74	606.0	16.1
0 run2-Spot 169	86	37067	2.4	16.7358	2.7	0.8178	3.6	0.0993	2.3	0.64	610.1	13.2
10 run 1-Spot 51	91	13545	1.3	16.5027	2.4	0.8296	5.1	0.0993	4.5	0.88	610.3	26.2
10 run 1-Spot 81	598	108827	4.4	16.5528	1.4	0.8314	3.1	0.0998	2.7	0.89	613.3	16.1
0 run3-Spot 291	525	103717	1.5	16.4639	1.5	0.8384	2.3	0.1001	1.8	0.76	615.0	10.3
10 run 1-Spot 78	156	23281	1.1	16.3065	2.4	0.8516	3.5	0.1007	2.6	0.73	618.6	15.1
0 run2-Spot 165	490	67916	0.7	16.7162	1.6	0.8355	2.4	0.1013	1.8	0.75	622.0	10.9
0 run2-Spot 197	199	36197	1.3	16.3255	1.7	0.8609	2.1	0.1019	1.3	0.62	625.8	7.9
0 run3-Spot 279	158	50660	1.0	16.2876	1.9	0.8637	2.6	0.1020	1.8	0.69	626.3	10.7
0 run2-Spot 152	777	252651	1.0	16.2422	1.6	0.8688	2.7	0.1023	2.1	0.80	628.1	12.7
0 run2-Spot 118	301	141338	1.3	16.4229	1.6	0.8695	2.4	0.1036	1.8	0.75	635.3	10.8
0 run2-Spot 159	235	167243	2.3	15.9074	1.5	0.9542	3.3	0.1101	2.9	0.89	673.3	18.7
0 run3-Spot 282	230	57662	1.3	15.9696	2.3	1.0204	3.4	0.1182	2.5	0.73	720.1	16.9
0 run3-Spot 247	1004	170710	1.1	15.3380	1.4	1.1222	5.1	0.1248	4.9	0.96	758.3	35.4
0 run2-Spot 155	393	276518	2.3	15.1799	1.4	1.2592	3.2	0.1386	2.9	0.90	836.9	22.7
0 run2-Spot 150	126	92104	3.3	14.1193	2.1	1.6669	2.5	0.1707	1.4	0.54	1015.9	12.7
10 run 1-Spot 77	79	35675	0.9	14.1177	2.3	1.6666	3.2	0.1706	2.2	0.68	1015.7	20.5
0 run2-Spot 174	75	110572	2.5	14.1004	2.1	1.5994	2.7	0.1636	1.7	0.63	976.6	15.5
-10 run 1-Spot 7	135	26803	3.2	14.0868	2.0	1.5334	2.6	0.1567	1.6	0.63	938.2	14.3
10 run 1-Spot 86	156	30944	3.2	13.9813	2.1	1.6372	2.6	0.1660	1.4	0.56	990.1	13.2
0 run2-Spot 213	506	246013	8.6	13.9575	2.0	1.4284	3.1	0.1446	2.4	0.76	870.6	19.4
0 run3-Spot 237	301	51159	8.0	13.9539	1.6	1.6454	2.8	0.1665	2.3	0.81	992.9	21.2
10 run 1-Spot 85	179	114867	3.6	13.9472	1.7	1.6654	2.8	0.1685	2.1	0.78	1003.7	20.0
0 run3-Spot 273	714	188807	1.5	13.9366	1.3	1.6720	2.7	0.1690	2.3	0.87	1006.6	21.6
0 run3-Spot 299	208	35889	2.7	13.9306	1.9	1.5859	2.5	0.1602	1.6	0.65	958.1	14.4

TABLE DR1												
10 run 1-Spot 93	143	92802	3.3	13.8933	1.6	1.7663	2.1	0.1780	1.3	0.61	1055.9	12.3
0 run3-Spot 243	122	36782	1.8	13.8749	2.6	1.4916	4.5	0.1501	3.7	0.82	901.5	31.3
0 run3-Spot 229	178	132331	2.3	13.8521	2.4	1.6677	3.1	0.1675	2.0	0.64	998.6	18.7
10 run 1-Spot 88	333	103431	2.4	13.8441	1.6	1.7131	2.5	0.1720	1.9	0.78	1023.2	18.3
0 run3-Spot 272	59	46673	1.7	13.8400	2.7	1.6518	3.3	0.1658	2.0	0.59	989.0	18.2
0 run2-Spot 128	56	21667	2.6	13.8324	1.9	1.6936	3.8	0.1699	3.3	0.87	1011.6	30.7
0 run3-Spot 314	157	34759	2.8	13.8068	1.2	1.6726	2.4	0.1675	2.1	0.87	998.3	19.3
0 run3-Spot 244	243	32374	2.5	13.8054	1.7	1.5876	3.1	0.1590	2.6	0.84	951.0	23.0
0 run3-Spot 300	147	41791	1.5	13.8016	1.5	1.7253	2.9	0.1727	2.4	0.85	1027.0	23.2
0 run3-Spot 321	96	58508	1.4	13.7978	2.5	1.5525	3.5	0.1554	2.5	0.71	931.0	21.3
0 run3-Spot 298	79	49720	1.3	13.7804	2.3	1.6406	2.8	0.1640	1.7	0.60	978.8	15.3
10 run 1-Spot 44	273	93106	3.0	13.7774	2.1	1.6564	3.1	0.1655	2.4	0.76	987.3	21.7
10 run 1-Spot 79	619	93805	2.5	13.7628	1.0	1.6848	2.0	0.1682	1.8	0.87	1002.0	16.4
0 run3-Spot 240	378	83063	1.7	13.7490	1.7	1.6355	3.9	0.1631	3.5	0.90	973.9	32.0
10 run 1-Spot 75	486	174478	3.6	13.7393	1.7	1.7380	3.0	0.1732	2.5	0.83	1029.7	23.5
0 run2-Spot 190	129	53225	2.1	13.7336	1.6	1.6080	2.8	0.1602	2.3	0.83	957.7	20.8
0 run3-Spot 302	116	57582	3.5	13.7226	2.2	1.6153	3.0	0.1608	2.1	0.68	961.0	18.3
0 run3-Spot 257	259	154809	2.8	13.7118	1.4	1.6025	2.6	0.1594	2.2	0.85	953.3	19.4
0 run3-Spot 234	830	113583	3.1	13.7094	1.2	1.7933	2.1	0.1783	1.7	0.81	1057.7	16.2
0 run2-Spot 195	119	101151	3.4	13.7090	2.0	1.6859	2.9	0.1676	2.1	0.73	999.0	19.6
0 run3-Spot 297	675	78343	3.8	13.7086	1.0	1.7878	9.9	0.1777	9.9	0.99	1054.7	96.0
0 run3-Spot 256	207	90377	1.8	13.6976	1.9	1.6730	2.9	0.1662	2.2	0.76	991.1	20.1
10 run 1-Spot 63	259	35419	2.1	13.6941	1.7	1.8204	2.7	0.1808	2.1	0.78	1071.4	20.7
0 run3-Spot 224	247	25328	5.1	13.6903	1.5	1.6714	2.3	0.1660	1.7	0.75	989.8	15.8
10 run 1-Spot 52	324	51888	4.5	13.6871	1.4	1.6401	2.7	0.1628	2.3	0.86	972.4	20.9
0 run2-Spot 120	103	208252	1.9	13.6854	2.0	1.7174	3.0	0.1705	2.2	0.75	1014.7	20.9
0 run3-Spot 312	234	54830	3.6	13.6844	1.7	1.7695	2.2	0.1756	1.4	0.65	1043.0	13.7
0 run3-Spot 325	87	27563	3.7	13.6806	2.0	1.8014	2.6	0.1787	1.7	0.66	1060.1	16.9
0 run3-Spot 223	521	81614	4.1	13.6718	1.2	1.7226	2.0	0.1708	1.6	0.80	1016.6	15.0
0 run3-Spot 330	134	72389	3.7	13.6529	1.8	1.6988	2.5	0.1682	1.8	0.71	1002.3	16.5
10 run 1-Spot 35	54	70531	1.7	13.6495	3.0	1.8028	3.8	0.1785	2.3	0.61	1058.6	22.6
0 run2-Spot 113	124	114559	4.1	13.6355	1.8	1.7192	2.9	0.1700	2.2	0.78	1012.2	21.0
0 run3-Spot 230	148	34634	1.0	13.6271	1.5	1.7244	2.5	0.1704	1.9	0.78	1014.5	18.3
0 run2-Spot 125	66	94369	3.4	13.6253	2.4	1.7174	3.1	0.1697	1.9	0.64	1010.6	18.2
0 run2-Spot 153	98	35420	1.6	13.6215	1.6	1.7105	2.9	0.1690	2.5	0.84	1006.5	23.0
0 run3-Spot 259	344	146293	1.9	13.6125	1.5	1.7154	2.5	0.1694	2.0	0.79	1008.6	18.3
0 run2-Spot 133	267	82865	4.1	13.6102	1.2	1.6991	3.4	0.1677	3.1	0.94	999.5	29.1
10 run 1-Spot 60	66	54194	1.8	13.6085	2.7	1.7209	3.5	0.1698	2.2	0.63	1011.3	20.5
0 run3-Spot 251	699	41218	3.1	13.5906	1.4	1.7630	2.7	0.1738	2.4	0.87	1032.9	22.7
10 run 1-Spot 18	432	146470	2.7	13.5838	1.5	1.7565	2.1	0.1731	1.5	0.71	1028.9	14.5
0 run2-Spot 179	28	10525	2.1	13.5821	3.2	1.6860	3.8	0.1661	2.0	0.54	990.5	18.7
0 run3-Spot 248	197	74042	2.9	13.5800	2.7	1.7473	3.6	0.1721	2.4	0.67	1023.7	23.2
10 run 1-Spot 91	304	69830	1.4	13.5719	1.8	1.7604	4.3	0.1733	3.9	0.91	1030.2	36.9
0 run2-Spot 156	333	122455	6.0	13.5628	1.3	1.7769	1.9	0.1748	1.4	0.72	1038.5	13.2
10 run 1-Spot 38	61	41687	0.7	13.5485	1.6	1.8082	2.4	0.1777	1.8	0.73	1054.3	17.1
0 run2-Spot 141	35	23683	2.1	13.5396	3.0	1.7487	3.6	0.1717	2.0	0.55	1021.6	19.0

TABLE DR1												
0 run3-Spot 261	494	166105	3.9	13.5345	1.4	1.7795	4.0	0.1747	3.7	0.94	1037.9	35.7
0 run3-Spot 319	203	56106	2.4	13.5300	1.8	1.7079	3.3	0.1676	2.8	0.84	998.8	25.5
10 run 1-Spot 19	122	34093	2.8	13.5090	2.1	1.7119	3.0	0.1677	2.2	0.71	999.6	20.0
0 run3-Spot 242	279	217146	2.3	13.4959	1.6	1.7090	2.8	0.1673	2.2	0.81	997.1	20.7
0 run3-Spot 310	268	3626373	3.4	13.4929	1.8	1.7451	3.3	0.1708	2.7	0.84	1016.4	25.8
0 run2-Spot 132	139	33531	3.2	13.4760	2.6	1.7284	3.6	0.1689	2.4	0.68	1006.2	22.6
0 run2-Spot 199	436	53591	4.3	13.4735	1.5	1.7839	2.5	0.1743	2.0	0.81	1035.9	19.5
0 run2-Spot 188	48	41089	1.9	13.4730	2.0	1.8215	2.7	0.1780	1.8	0.67	1056.0	17.9
0 run2-Spot 136	130	63007	1.8	13.4635	1.6	1.6924	2.4	0.1653	1.8	0.74	985.9	16.2
0 run3-Spot 303	108	59491	2.2	13.4537	1.9	1.9113	3.5	0.1865	2.9	0.83	1102.4	29.6
-10 run 1-Spot 2	409	61976	3.7	13.4451	1.2	1.7920	2.0	0.1747	1.5	0.78	1038.2	14.6
10 run 1-Spot 95	1053	140448	1.9	13.4416	1.2	1.7994	2.7	0.1754	2.5	0.91	1041.9	23.8
0 run2-Spot 182	162	57192	2.6	13.4407	1.6	1.7313	2.2	0.1688	1.5	0.68	1005.3	14.1
0 run2-Spot 124	68	170290	2.9	13.4214	2.5	1.6580	3.7	0.1614	2.6	0.72	964.5	23.6
10 run 1-Spot 33	142	25696	2.7	13.3797	2.1	1.7421	3.3	0.1690	2.5	0.77	1006.9	23.8
0 run2-Spot 210	76	159990	2.3	13.3675	2.3	1.8020	3.0	0.1747	1.9	0.65	1038.0	18.6
0 run2-Spot 170	93	56407	2.7	13.3529	2.0	1.7434	3.1	0.1688	2.3	0.74	1005.7	21.2
0 run3-Spot 266	470	281625	4.9	13.2982	1.8	1.7980	4.4	0.1734	4.0	0.92	1030.9	38.5
10 run 1-Spot 62	302	90565	2.9	13.2573	1.7	1.8913	2.4	0.1819	1.7	0.70	1077.1	16.6
-10 run 1-Spot 1	221	171014	4.8	13.2456	1.7	1.7839	2.5	0.1714	1.9	0.73	1019.7	17.5
0 run3-Spot 227	353	139240	1.5	13.2433	2.7	2.0310	6.2	0.1951	5.6	0.90	1148.8	58.5
0 run2-Spot 140	28	56708	1.2	13.2259	2.7	1.7608	3.5	0.1689	2.2	0.63	1006.0	20.9
0 run3-Spot 286	474	126744	4.8	13.2191	1.4	1.8546	2.1	0.1778	1.5	0.75	1055.0	15.0
-10 run 1-Spot 4	410	147530	3.5	13.2184	1.8	1.9447	6.2	0.1864	5.9	0.96	1102.0	60.1
0 run3-Spot 254	116	69137	2.3	13.2162	2.0	1.8130	2.8	0.1738	1.9	0.69	1032.9	18.1
0 run2-Spot 209	78	48301	1.9	13.2139	2.2	1.7890	2.6	0.1714	1.4	0.54	1020.1	13.3
10 run 1-Spot 14	190	247129	2.7	13.1978	1.9	1.8309	3.1	0.1753	2.4	0.79	1041.0	23.4
0 run3-Spot 232	67	33690	1.6	13.1963	2.6	1.8461	3.1	0.1767	1.8	0.58	1048.9	17.6
0 run2-Spot 214	70	39637	0.9	13.1535	2.2	1.7700	3.5	0.1689	2.6	0.77	1005.8	24.6
10 run 1-Spot 42	55	53253	4.4	13.1494	2.8	1.9875	4.6	0.1895	3.7	0.81	1118.9	38.5
10 run 1-Spot 69	60	62894	1.7	13.1456	2.1	1.8557	3.9	0.1769	3.3	0.85	1050.1	32.4
0 run3-Spot 246	237	119076	0.8	13.1445	1.8	1.8853	2.5	0.1797	1.7	0.70	1065.5	17.1
0 run2-Spot 180	164	239343	2.1	13.1331	1.5	1.9031	2.6	0.1813	2.1	0.81	1073.9	20.7
0 run2-Spot 175	596	134718	18.9	13.1222	1.0	1.9346	2.5	0.1841	2.3	0.91	1089.4	22.8
10 run 1-Spot 70	80	26844	2.0	13.1214	2.1	1.8246	3.0	0.1736	2.2	0.73	1032.1	21.1
0 run3-Spot 280	668	91580	2.5	13.1160	1.0	1.9016	2.3	0.1809	2.1	0.89	1071.8	20.3
0 run3-Spot 260	106	46255	2.5	13.0908	1.9	1.7113	2.5	0.1625	1.6	0.62	970.5	14.0
10 run 1-Spot 17	973	75867	8.2	13.0820	1.5	1.8504	2.3	0.1756	1.7	0.76	1042.7	16.6
0 run2-Spot 204	110	72527	4.4	13.0756	1.9	1.9792	2.7	0.1877	1.9	0.71	1108.8	19.4
10 run 1-Spot 32	58	119711	1.2	13.0475	2.3	1.8015	3.2	0.1705	2.1	0.68	1014.7	20.0
10 run 1-Spot 74	78	38145	2.2	13.0253	2.9	1.7133	3.6	0.1618	2.1	0.59	967.0	19.0
0 run2-Spot 200	118	44423	2.0	12.9919	2.3	1.8784	4.4	0.1770	3.7	0.85	1050.6	35.8
0 run3-Spot 278	152	48672	2.1	12.9335	1.9	1.9686	3.1	0.1847	2.4	0.78	1092.4	24.5
10 run 1-Spot 68	65	30208	2.6	12.9289	2.4	2.0125	3.6	0.1887	2.7	0.74	1114.4	27.7
0 run3-Spot 293	363	58934	2.7	12.9046	1.7	2.0721	3.0	0.1939	2.5	0.82	1142.7	26.2
0 run3-Spot 323	593	77827	2.7	12.8952	1.4	2.0991	2.4	0.1963	2.0	0.82	1155.5	21.0

TABLE DR1												
10 run 1-Spot 67	68	31652	1.3	12.8456	1.9	2.1052	2.7	0.1961	1.9	0.71	1154.5	20.3
10 run 1-Spot 82	393	156751	3.3	12.8450	1.9	2.0199	2.9	0.1882	2.1	0.73	1111.5	21.3
0 run 1-Spot 109	175	98647	2.3	12.8090	1.2	2.0818	2.0	0.1934	1.6	0.79	1139.8	16.7
0 run3-Spot 239	166	155052	1.9	12.7872	1.8	2.1175	2.6	0.1964	1.8	0.70	1155.8	19.0
0 run3-Spot 222	424	51639	2.2	12.7798	2.2	2.1354	3.4	0.1979	2.6	0.76	1164.2	27.3
0 run3-Spot 296	470	129384	3.0	12.7706	1.4	2.1065	3.1	0.1951	2.8	0.90	1149.0	29.1
0 run3-Spot 290	1326	81179	2.5	12.7363	1.2	2.1078	2.5	0.1947	2.2	0.88	1146.8	22.7
0 run3-Spot 225	429	147197	2.0	12.7262	1.0	2.1246	1.9	0.1961	1.6	0.84	1154.3	17.1
0 run2-Spot 160	218	51584	3.0	12.6915	1.4	2.1867	2.4	0.2013	2.0	0.82	1182.2	21.5
0 run2-Spot 177	177	110877	2.8	12.6699	1.8	2.1110	2.6	0.1940	1.9	0.73	1142.9	20.1
0 run3-Spot 241	122	103734	2.8	12.6287	1.9	2.0898	2.7	0.1914	1.9	0.71	1129.0	19.8
0 run3-Spot 284	87	46691	1.6	12.6093	2.2	2.0906	2.8	0.1912	1.8	0.63	1127.8	18.2
0 run2-Spot 212	227	45020	2.1	12.6028	1.6	2.1438	2.9	0.1959	2.4	0.84	1153.5	25.8
-10 run 1-Spot 3	632	80382	2.4	12.5489	1.1	2.2212	1.9	0.2022	1.6	0.81	1186.9	17.0
0 run3-Spot 294	42	9009	1.9	12.5474	3.0	2.0571	3.7	0.1872	2.2	0.60	1106.2	22.8
0 run2-Spot 171	77	30277	1.0	12.4725	2.2	2.1993	3.1	0.1989	2.2	0.71	1169.6	23.5
0 run3-Spot 309	107	65910	1.0	12.4630	2.7	2.1831	3.0	0.1973	1.5	0.49	1161.0	15.9
10 run 1-Spot 41	214	201093	5.4	12.3556	1.2	2.3635	2.3	0.2118	2.0	0.86	1238.4	22.1
0 run2-Spot 193	257	106019	7.7	12.3249	1.3	2.1883	3.6	0.1956	3.3	0.93	1151.7	34.8
10 run 1-Spot 20	450	171271	3.9	12.3011	1.3	1.9583	2.3	0.1747	2.0	0.84	1038.0	18.9
0 run2-Spot 181	117	48782	2.6	12.2784	2.0	2.1577	2.9	0.1921	2.1	0.72	1133.0	21.9
0 run3-Spot 308	392	95194	3.8	12.1764	1.1	2.3676	3.0	0.2091	2.8	0.93	1224.0	31.0
10 run 1-Spot 21	564	29706	1.2	12.1757	2.5	2.1969	3.4	0.1940	2.3	0.67	1143.0	23.7
0 run2-Spot 202	1058	526183	3.1	12.1629	1.2	2.2436	2.0	0.1979	1.7	0.82	1164.1	17.8
0 run2-Spot 185	149	53646	2.2	12.0696	1.4	2.3910	2.6	0.2093	2.2	0.84	1225.1	24.7
0 run3-Spot 301	195	54251	1.2	12.0174	1.7	2.4824	3.5	0.2164	3.0	0.87	1262.6	34.8
0 run3-Spot 228	310	97964	2.4	11.9359	1.6	2.4886	2.7	0.2154	2.1	0.81	1257.7	24.5
-10 run 1-Spot 8	573	244773	4.2	11.9252	1.2	2.6231	3.9	0.2269	3.7	0.95	1318.1	44.0
0 run3-Spot 326	236	39430	2.6	11.9162	1.8	2.6305	2.7	0.2273	2.1	0.76	1320.5	24.6
10 run 1-Spot 11	210	54201	1.5	11.7086	2.1	2.1505	2.6	0.1826	1.6	0.60	1081.3	15.5
0 run2-Spot 198	158	40095	2.5	11.6994	1.3	2.6663	1.9	0.2262	1.4	0.73	1314.8	16.7
0 run2-Spot 191	350	142048	2.3	11.6383	1.1	2.7578	2.1	0.2328	1.8	0.85	1349.0	21.7
0 run2-Spot 161	123	57210	3.1	11.6333	1.2	2.8042	2.1	0.2366	1.7	0.82	1369.0	20.9
10 run 1-Spot 46	418	187718	3.3	11.6232	1.0	2.5591	1.8	0.2157	1.5	0.83	1259.3	17.0
0 run3-Spot 316	1319	146949	3.5	11.4810	1.4	2.7595	2.8	0.2298	2.4	0.87	1333.4	28.9
0 run3-Spot 307	1007	551886	3.0	11.3069	1.4	2.9969	2.3	0.2458	1.8	0.79	1416.6	23.4
0 run3-Spot 233	407	187507	1.9	11.1385	1.3	2.8925	2.2	0.2337	1.8	0.82	1353.7	22.1
0 run2-Spot 219	149	82161	1.0	11.1171	1.6	2.9634	2.5	0.2389	1.9	0.77	1381.2	23.6
0 run 1-Spot 107	120	99124	1.3	11.1046	1.2	3.0869	2.1	0.2486	1.7	0.81	1431.3	21.7
0 run3-Spot 324	246	60509	1.6	11.0927	1.4	3.1010	1.8	0.2495	1.0	0.57	1435.8	13.0
10 run 1-Spot 27	291	80366	1.2	11.0712	1.6	2.9463	2.2	0.2366	1.5	0.68	1368.9	18.4
0 run2-Spot 143	121	49601	3.4	11.0649	1.5	3.0384	2.4	0.2438	1.9	0.78	1406.6	23.5
0 run3-Spot 269	310	145990	1.5	11.0622	1.5	3.0220	3.3	0.2425	2.9	0.89	1399.4	37.0
10 run 1-Spot 98	376	57237	7.3	11.0101	1.4	3.1153	2.9	0.2488	2.5	0.87	1432.1	31.9
0 run2-Spot 122	225	227821	2.0	11.0027	1.3	3.0687	2.1	0.2449	1.6	0.77	1412.0	20.4
10 run 1-Spot 22	563	218649	3.0	10.9670	1.8	3.1320	2.5	0.2491	1.8	0.72	1433.9	23.4

TABLE DR1												
0 run3-Spot 226	277	57183	2.5	10.9635	1.5	2.9970	3.6	0.2383	3.2	0.91	1377.9	40.2
0 run2-Spot 149	285	60780	3.3	10.9410	1.7	2.7042	2.7	0.2146	2.2	0.79	1253.2	24.5
10 run 1-Spot 10	381	158640	1.9	10.9329	0.9	3.1100	5.2	0.2466	5.1	0.98	1420.9	64.8
10 run 1-Spot 16	237	45809	2.2	10.8390	1.6	3.1894	4.1	0.2507	3.8	0.92	1442.2	48.8
0 run2-Spot 186	166	196878	1.6	10.8277	1.4	3.1564	2.0	0.2479	1.5	0.73	1427.5	19.0
0 run 1-Spot 105	720	92286	2.8	10.8267	1.5	2.4350	3.3	0.1912	2.9	0.89	1127.9	30.1
0 run2-Spot 138	352	191819	2.1	10.8100	1.1	3.2144	2.7	0.2520	2.5	0.92	1448.9	32.4
0 run2-Spot 218	47	58997	1.0	10.7097	2.2	3.1854	3.3	0.2474	2.5	0.75	1425.2	31.8
0 run3-Spot 283	78	28796	2.0	10.6868	1.9	3.1312	2.6	0.2427	1.8	0.69	1400.7	22.3
10 run 1-Spot 90	50	27235	0.9	10.6450	2.7	3.3608	3.4	0.2595	2.1	0.62	1487.1	27.5
10 run 1-Spot 66	364	111858	6.0	10.3801	1.2	3.6505	1.9	0.2748	1.4	0.76	1565.2	19.8
0 run3-Spot 329	255	84782	2.1	10.3232	1.3	3.5645	2.9	0.2669	2.6	0.90	1524.9	35.9
0 run3-Spot 236	1539	100647	4.6	10.2732	1.2	3.7874	2.4	0.2822	2.1	0.88	1602.4	30.0
0 run2-Spot 130	33	31736	1.0	10.0114	2.7	3.8150	3.4	0.2770	2.0	0.60	1576.3	28.6
0 run2-Spot 184	123	105528	2.6	9.9736	1.5	4.1301	2.5	0.2988	2.0	0.79	1685.1	29.1
0 run3-Spot 315	174	108231	1.4	9.9610	1.4	3.9417	5.5	0.2848	5.3	0.97	1615.3	76.0
0 run3-Spot 311	322	62790	2.3	9.9453	1.0	3.9683	1.8	0.2862	1.5	0.83	1622.7	21.4
0 run2-Spot 137	48	41142	1.5	9.9035	1.8	3.5492	3.0	0.2549	2.4	0.81	1463.8	32.0
0 run2-Spot 176	28	26963	2.9	9.8953	1.6	3.8340	2.8	0.2752	2.3	0.82	1566.9	32.1
10 run 1-Spot 61	298	65207	1.5	9.8890	1.3	3.9418	3.1	0.2827	2.9	0.91	1605.0	40.6
0 run3-Spot 317	120	140889	0.9	9.8820	1.8	3.9728	2.7	0.2847	2.0	0.76	1615.2	29.2
0 run3-Spot 249	159	57914	1.6	9.8593	1.7	3.9119	4.3	0.2797	4.0	0.92	1590.0	56.3
10 run 1-Spot 24	505	163007	4.0	9.8126	1.1	4.0967	2.3	0.2916	2.0	0.87	1649.3	29.3
0 run2-Spot 196	328	132792	1.6	9.7095	1.4	4.0359	3.8	0.2842	3.6	0.93	1612.5	50.8
0 run3-Spot 276	303	268304	4.1	9.6526	1.3	4.3439	2.1	0.3041	1.7	0.79	1711.6	24.9
0 run3-Spot 265	306	4182302	1.6	9.6519	1.6	4.2686	3.2	0.2988	2.8	0.86	1685.4	41.4
0 run2-Spot 123	116	107683	1.2	9.5622	1.5	4.3772	2.1	0.3036	1.5	0.70	1709.0	22.7
0 run2-Spot 131	114	128034	2.9	9.4904	1.2	4.3509	2.1	0.2995	1.7	0.81	1688.7	25.4
10 run 1-Spot 94	199	206118	1.4	9.4799	1.1	4.4124	2.4	0.3034	2.2	0.89	1708.0	32.4
0 run 1-Spot 108	410	100368	5.8	9.4392	1.2	4.4414	3.8	0.3041	3.6	0.95	1711.4	54.6
10 run 1-Spot 72	279	104545	3.5	9.4355	0.9	4.4661	2.0	0.3056	1.7	0.88	1719.1	26.3
10 run 1-Spot 80	71	46127	1.2	9.2927	1.4	4.4573	2.5	0.3004	2.1	0.84	1693.3	31.2
10 run 1-Spot 15	327	80638	4.1	9.2873	1.2	4.6595	2.0	0.3139	1.6	0.81	1759.6	25.1
10 run 1-Spot 50	392	568621	2.3	9.2859	1.6	4.5948	3.0	0.3094	2.5	0.85	1738.0	38.2
0 run2-Spot 114	61	85178	3.9	9.2785	1.2	4.5763	2.1	0.3080	1.7	0.83	1730.6	26.5
0 run 1-Spot 101	295	70792	2.2	9.1699	1.3	4.7865	2.4	0.3183	2.0	0.84	1781.6	31.6
10 run 1-Spot 28	101	120291	1.8	8.9798	1.9	4.7840	2.6	0.3116	1.7	0.67	1748.4	26.7
0 run3-Spot 313	284	78368	1.1	8.8416	1.0	5.0365	1.7	0.3230	1.5	0.83	1804.2	22.9
0 run2-Spot 201	287	123110	1.5	8.8336	1.7	5.2120	2.6	0.3339	2.0	0.76	1857.3	32.7
0 run 1-Spot 100	155	150125	4.2	8.7445	1.4	5.1361	3.9	0.3257	3.6	0.93	1817.7	57.2
0 run2-Spot 207	35	35732	3.3	8.7400	1.9	4.6197	3.5	0.2928	2.9	0.84	1655.7	42.6
10 run 1-Spot 30	47	26786	113.9	8.7192	2.1	5.2011	2.7	0.3289	1.7	0.64	1833.1	27.2
10 run 1-Spot 71	303	92156	2.6	8.6790	1.1	5.4602	1.7	0.3437	1.2	0.74	1904.4	20.4
0 run2-Spot 115	330	209496	1.5	8.2140	1.4	5.5848	2.2	0.3327	1.8	0.79	1851.5	28.4
10 run 1-Spot 48	115	56150	2.6	8.2088	1.3	5.8949	2.3	0.3510	1.9	0.83	1939.2	31.4
0 run2-Spot 111	576	412486	5.2	8.0217	1.5	5.9963	2.2	0.3489	1.7	0.75	1929.1	27.6

TABLE DR1												
0 run2-Spot 148	177	244391	2.2	7.8586	1.4	6.5466	2.4	0.3731	1.9	0.81	2044.1	33.6
0 run2-Spot 127	26	135099	2.1	7.7475	1.7	5.1642	4.6	0.2902	4.3	0.93	1642.4	62.7
10 run 1-Spot 31	114	66423	2.0	7.6135	1.0	6.6218	3.0	0.3656	2.9	0.94	2008.9	49.2
0 run3-Spot 281	230	1886056	2.0	7.6107	1.1	6.9723	2.0	0.3849	1.6	0.83	2098.9	29.2
0 run2-Spot 117	92	156222	4.4	7.5162	1.1	6.6560	2.0	0.3628	1.6	0.81	1995.6	27.3
0 run3-Spot 285	81	224874	2.2	7.3548	1.1	7.1738	2.1	0.3827	1.8	0.87	2088.7	33.0
10 run 1-Spot 34	51	62042	1.6	7.3206	1.5	7.2546	2.5	0.3852	2.0	0.79	2100.4	35.0
0 run2-Spot 135	308	151579	6.4	6.5991	1.0	8.1398	2.3	0.3896	2.1	0.91	2120.9	38.3
0 run2-Spot 162	53	80709	1.8	6.1737	1.6	10.1682	2.3	0.4553	1.7	0.73	2418.7	34.0
0 run2-Spot 183	174	227553	2.6	6.0375	1.1	10.6343	2.3	0.4657	2.1	0.88	2464.5	42.3
10 run 1-Spot 58	133	48506	2.3	6.0156	1.4	10.7221	2.9	0.4678	2.5	0.87	2473.9	50.8
10 run 1-Spot 25	165	58267	2.2	5.8579	1.0	11.2161	2.5	0.4765	2.3	0.92	2512.1	47.8
0 run3-Spot 304	124	137047	1.2	5.6312	1.5	12.1501	2.3	0.4962	1.7	0.76	2597.5	36.9
10 run 1-Spot 43	188	84383	0.6	5.4414	1.1	12.3168	2.2	0.4861	1.9	0.85	2553.7	39.0
0 run2-Spot 157	79	48823	1.0	5.3440	1.2	12.6793	2.8	0.4914	2.6	0.91	2576.9	54.7
0 run2-Spot 173	74	92147	3.4	5.3379	1.2	13.2771	3.8	0.5140	3.6	0.95	2673.7	79.4
0 run3-Spot 263	59	35485	1.0	5.3158	1.4	13.3835	5.4	0.5160	5.2	0.97	2682.1	115.1
10 run 1-Spot 55	915	1598	1.6	5.2397	23.3	2.8274	44.4	0.1074	37.8	0.85	657.9	236.7
0 run2-Spot 158	317	69307	1.2	5.2136	1.2	13.9448	2.1	0.5273	1.7	0.81	2730.0	37.9
0 run3-Spot 271	201	128782	1.9	5.0748	1.2	14.3936	2.3	0.5298	2.0	0.85	2740.5	44.3
0 run3-Spot 262	271	95270	1.9	5.0561	1.6	14.9144	2.6	0.5469	2.0	0.78	2812.3	45.6
10 run 1-Spot 76	48	73428	1.0	4.8919	2.0	16.0911	2.8	0.5709	2.0	0.70	2911.5	45.8
0 run3-Spot 221	185	103662	2.4	3.4004	1.3	27.6753	3.7	0.6825	3.5	0.94	3354.1	91.1

Table DR1R U-Pb geochronologic analyses SYN14-11												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
1_Run1-Spot 79	36	2871	2.8	19.1669	12.5	0.1193	13.1	0.0166	3.8	0.29	106.0	4.0
_Run2-Spot 201	244	4196	2.5	20.7346	3.9	0.1108	4.6	0.0167	2.3	0.51	106.5	2.5
_Run1-Spot 110	131	39362	3.1	19.7848	4.0	0.1217	4.7	0.0175	2.6	0.55	111.6	2.8
_Run3-Spot 278	70	15557	0.8	19.8609	7.6	0.1780	8.0	0.0256	2.5	0.31	163.2	4.0
_Run3-Spot 297	226	17648	1.0	20.6996	3.1	0.1725	4.8	0.0259	3.6	0.75	164.8	5.8
_Run2-Spot 204	268	36087	2.3	20.3415	4.4	0.1771	5.2	0.0261	2.9	0.55	166.3	4.7
1_Run1-Spot 21	268	44865	2.5	20.0270	3.7	0.1842	4.2	0.0268	2.0	0.48	170.2	3.4
_Run2-Spot 118	231	24543	2.3	19.2551	3.6	0.2631	4.1	0.0367	2.0	0.48	232.6	4.5
1_Run1-Spot 52	1806	89194	3.0	19.6677	1.8	0.2594	3.1	0.0370	2.4	0.80	234.2	5.6
_Run2-Spot 133	499	27118	2.1	19.5687	2.7	0.2609	3.6	0.0370	2.5	0.68	234.4	5.7
_Run2-Spot 168	159	109991	1.8	18.0876	3.5	0.2875	4.2	0.0377	2.3	0.55	238.6	5.4
1_Run1-Spot 47	144	16840	1.9	19.6658	2.7	0.2713	3.3	0.0387	2.0	0.60	244.8	4.8
_Run2-Spot 187	788	105976	1.7	19.5064	1.9	0.2754	3.2	0.0390	2.6	0.80	246.4	6.2
_Run2-Spot 115	171	11463	1.7	18.4686	3.1	0.2983	4.2	0.0400	2.9	0.69	252.6	7.2
1_Run1-Spot 53	639	27377	1.3	16.4850	2.3	0.3364	3.0	0.0402	1.8	0.61	254.2	4.6
_Run1-Spot 100	1014	47395	3.1	19.5684	1.7	0.2857	2.3	0.0405	1.6	0.67	256.2	3.9
_Run2-Spot 144	70	11681	1.2	19.8618	4.4	0.2925	5.1	0.0421	2.4	0.48	266.1	6.4
_Run3-Spot 250	236	20256	2.8	19.3380	2.0	0.3023	2.7	0.0424	1.8	0.68	267.7	4.8
1_Run1-Spot 92	158	9358	2.8	19.5618	3.2	0.3113	3.8	0.0442	2.0	0.53	278.6	5.5

TABLE DR1												
_Run2-Spot 218	1463	203653	2.2	18.9575	1.4	0.3307	2.4	0.0455	2.0	0.81	286.6	5.6
1_Run1-Spot 57	309	33018	1.4	18.5499	2.7	0.3719	3.5	0.0500	2.3	0.66	314.7	7.1
_Run1-Spot 108	106	29189	0.8	18.9871	3.3	0.3635	4.4	0.0501	3.0	0.67	314.9	9.1
1_Run1-Spot 91	228	24160	1.3	19.0566	2.4	0.3624	3.5	0.0501	2.6	0.73	315.0	7.9
_Run2-Spot 153	345	35520	0.8	18.5414	3.1	0.3752	3.5	0.0505	1.6	0.45	317.3	4.9
1_Run1-Spot 66	158	11043	1.1	19.8528	3.6	0.3549	3.9	0.0511	1.5	0.39	321.3	4.8
1_Run1-Spot 24	328	46599	3.1	19.2259	2.2	0.3955	2.8	0.0551	1.7	0.62	346.1	5.8
_Run2-Spot 163	1623	129520	2.0	17.5600	1.0	0.4385	1.8	0.0559	1.5	0.85	350.3	5.3
_Run3-Spot 314	166	238880	2.7	18.1926	2.2	0.4471	2.8	0.0590	1.8	0.63	369.5	6.3
1_Run1-Spot 56	86	15841	1.9	18.8810	3.5	0.4361	4.0	0.0597	1.9	0.48	373.9	7.0
_Run2-Spot 114	672	67875	4.9	18.5318	1.5	0.4489	2.5	0.0603	2.0	0.81	377.6	7.4
_Run2-Spot 155	187	48849	2.3	18.5773	3.4	0.4568	4.2	0.0616	2.4	0.56	385.1	8.8
_Run3-Spot 311	33	27192	1.5	18.1343	4.6	0.4771	4.8	0.0627	1.5	0.31	392.3	5.7
1_Run1-Spot 63	630	489741	3.1	18.1400	1.7	0.4776	2.5	0.0628	1.8	0.71	392.9	6.7
11_Run1-Spot 3	382	49149	2.5	18.4088	1.7	0.4721	2.3	0.0630	1.5	0.66	394.0	5.8
_Run3-Spot 221	112	48583	1.2	17.3968	2.6	0.5038	3.0	0.0636	1.5	0.48	397.2	5.6
1_Run1-Spot 40	257	41811	3.9	17.9781	2.6	0.4900	3.1	0.0639	1.7	0.55	399.3	6.6
_Run3-Spot 246	50	21085	2.4	17.7766	2.9	0.4964	3.5	0.0640	2.0	0.58	399.9	7.8
_Run3-Spot 299	294	104670	1.1	17.6900	1.2	0.5137	2.8	0.0659	2.5	0.91	411.4	10.0
_Run2-Spot 127	448	176579	2.7	17.8918	2.0	0.5082	2.6	0.0659	1.7	0.66	411.7	6.8
_Run3-Spot 301	121	57642	1.0	17.9845	2.2	0.5100	2.9	0.0665	1.8	0.63	415.1	7.3
_Run3-Spot 307	131	41746	1.7	18.0691	2.1	0.5110	2.7	0.0670	1.7	0.62	417.9	6.7
_Run2-Spot 161	551	1686253	0.8	17.4195	2.5	0.5308	3.0	0.0671	1.6	0.54	418.5	6.5
1_Run1-Spot 86	207	29351	1.7	18.6510	2.3	0.4963	2.7	0.0671	1.5	0.54	418.9	6.0
_Run2-Spot 172	518	52732	0.9	18.4292	2.1	0.5025	2.7	0.0672	1.6	0.59	419.1	6.4
1_Run1-Spot 81	202	216974	0.7	18.0368	2.5	0.5260	3.1	0.0688	1.8	0.59	429.0	7.5
_Run1-Spot 102	161	28672	1.9	18.0161	2.2	0.5337	2.8	0.0697	1.8	0.63	434.6	7.4
_Run3-Spot 258	73	42825	2.4	17.8941	2.4	0.5418	3.2	0.0703	2.2	0.66	438.0	9.1
1_Run1-Spot 32	515	49198	1.7	17.9693	1.5	0.5404	2.5	0.0704	2.0	0.81	438.8	8.6
_Run2-Spot 205	637	122404	1.3	18.0603	2.0	0.5379	2.7	0.0705	1.9	0.69	438.9	7.9
_Run3-Spot 296	195	48010	0.5	18.0587	2.0	0.5433	2.8	0.0712	2.0	0.71	443.1	8.6
_Run3-Spot 257	47	10059	1.7	17.8365	3.1	0.5649	3.5	0.0731	1.6	0.47	454.7	7.1
_Run3-Spot 236	345	71646	2.1	17.8211	1.5	0.5682	2.6	0.0734	2.1	0.81	456.9	9.1
_Run2-Spot 210	393	89231	1.1	17.0725	1.9	0.6006	3.0	0.0744	2.3	0.77	462.4	10.3
_Run3-Spot 275	180	39827	6.2	17.8288	1.8	0.5800	3.3	0.0750	2.8	0.84	466.2	12.4
_Run2-Spot 200	183	34425	1.6	17.0802	2.5	0.6702	3.2	0.0830	2.0	0.62	514.1	9.9
1_Run1-Spot 33	240	115332	1.2	17.0223	1.7	0.7180	2.5	0.0886	1.7	0.71	547.5	9.2
1_Run1-Spot 46	505	85058	5.1	16.6637	1.5	0.7405	2.1	0.0895	1.5	0.71	552.5	8.1
1_Run1-Spot 27	1206	72896	33.8	16.7273	1.1	0.7431	1.8	0.0902	1.4	0.79	556.5	7.6
_Run2-Spot 219	427	57701	1.8	16.7226	1.6	0.7764	2.1	0.0942	1.4	0.67	580.1	7.8
_Run3-Spot 312	97	66942	1.4	16.0645	2.0	0.8141	3.3	0.0949	2.6	0.80	584.2	14.6
_Run2-Spot 214	712	128273	3.4	16.5126	1.6	0.8067	2.5	0.0966	2.0	0.78	594.5	11.3
_Run2-Spot 175	390	28718	1.4	16.6516	1.9	0.8032	2.5	0.0970	1.7	0.66	596.8	9.5
_Run3-Spot 313	148	44622	2.1	17.1624	1.3	0.7820	2.9	0.0973	2.5	0.89	598.8	14.5
1_Run1-Spot 19	116	37465	2.2	16.1173	2.8	0.8346	3.6	0.0976	2.2	0.63	600.1	12.8
1_Run1-Spot 45	448	108463	55.6	16.1740	1.4	0.8320	2.3	0.0976	1.7	0.77	600.3	9.9

TABLE DR1												
1_Run1-Spot 42	88	17375	1.8	16.7861	2.9	0.8038	4.8	0.0979	3.8	0.79	601.8	21.7
1_Run1-Spot 69	304	53574	16.9	16.5702	1.8	0.8218	2.6	0.0988	1.8	0.72	607.1	10.7
_Run2-Spot 174	139	20624	1.2	16.3469	2.6	0.8401	3.1	0.0996	1.6	0.51	612.1	9.1
1_Run1-Spot 62	272	62210	2.3	16.3376	1.6	0.8458	2.3	0.1002	1.6	0.71	615.7	9.5
_Run2-Spot 166	538	917426	3.0	16.3689	1.1	0.8585	1.6	0.1019	1.2	0.73	625.7	7.0
1_Run1-Spot 29	273	66267	2.3	16.5196	1.6	0.8557	1.9	0.1025	1.0	0.55	629.2	6.1
1_Run1-Spot 39	260	141841	1.4	16.0431	1.1	0.8987	2.3	0.1046	2.0	0.87	641.1	12.1
1_Run1-Spot 85	124	66482	2.8	16.3692	2.1	0.8812	3.2	0.1046	2.4	0.75	641.4	14.7
_Run2-Spot 119	1948	115175	9.2	16.2909	1.5	0.9150	1.9	0.1081	1.2	0.63	661.8	7.5
_Run2-Spot 117	59	18918	1.8	16.3089	3.7	0.9212	4.2	0.1090	2.1	0.49	666.7	13.1
_Run3-Spot 284	164	197014	2.0	16.2488	1.8	0.9484	2.7	0.1118	2.0	0.75	683.0	13.1
_Run2-Spot 134	421	34429	1.8	15.7692	1.4	0.9818	2.2	0.1123	1.6	0.75	686.0	10.7
_Run3-Spot 281	106	122434	1.5	14.2910	2.2	1.5051	3.0	0.1560	1.9	0.65	934.5	16.9
_Run3-Spot 233	112	43153	3.0	14.2392	1.8	1.4935	2.7	0.1542	2.0	0.73	924.6	17.2
_Run3-Spot 326	96	113075	3.5	14.1111	1.5	1.5448	2.3	0.1581	1.8	0.76	946.2	15.4
1_Run1-Spot 90	201	88993	1.5	14.0958	1.7	1.5917	2.3	0.1627	1.5	0.64	971.9	13.2
_Run2-Spot 196	123	27558	3.6	14.0890	2.5	1.5724	3.3	0.1607	2.2	0.66	960.5	19.4
_Run3-Spot 308	165	127599	2.6	14.0704	1.5	1.6046	2.3	0.1637	1.7	0.75	977.6	15.4
_Run3-Spot 249	64	36989	3.3	14.0695	2.2	1.5274	3.0	0.1559	2.1	0.70	933.7	18.4
1_Run1-Spot 77	987	171501	25.3	14.0633	1.1	1.4997	2.5	0.1530	2.2	0.90	917.6	19.2
_Run2-Spot 180	726	80484	3.1	14.0374	1.1	1.5948	2.0	0.1624	1.6	0.83	969.9	14.6
1_Run1-Spot 12	88	32683	2.5	14.0107	1.9	1.6536	3.2	0.1680	2.5	0.79	1001.3	23.1
_Run2-Spot 137	150	136299	3.4	14.0086	1.6	1.5728	2.7	0.1598	2.1	0.79	955.6	19.0
_Run3-Spot 283	91	35044	3.3	13.9935	1.9	1.6345	2.7	0.1659	1.9	0.71	989.4	17.4
1_Run1-Spot 61	827	90711	7.3	13.9877	1.2	1.5454	3.0	0.1568	2.8	0.91	938.9	24.2
_Run3-Spot 230	82	26972	2.8	13.9541	2.2	1.5632	3.0	0.1582	2.0	0.68	946.8	18.0
1_Run1-Spot 70	231	104168	7.3	13.8886	1.8	1.7104	2.9	0.1723	2.2	0.78	1024.7	21.1
_Run1-Spot 103	164	32056	2.1	13.8650	1.9	1.6264	2.4	0.1635	1.4	0.58	976.5	12.6
_Run1-Spot 104	332	69301	1.5	13.8481	1.1	1.7587	2.0	0.1766	1.7	0.84	1048.6	16.1
1_Run1-Spot 64	207	29956	2.6	13.8412	1.6	1.7381	2.4	0.1745	1.9	0.77	1036.8	18.0
_Run3-Spot 287	258	146736	3.0	13.8336	1.3	1.7038	2.0	0.1709	1.6	0.78	1017.3	15.1
_Run3-Spot 264	54	208014	3.2	13.8195	1.9	1.5738	2.7	0.1577	1.8	0.69	944.2	16.2
1_Run1-Spot 28	281	180285	1.7	13.8182	1.1	1.6438	1.9	0.1647	1.6	0.82	983.1	14.1
_Run2-Spot 191	492	200542	5.7	13.8174	1.6	1.7115	2.4	0.1715	1.8	0.76	1020.4	17.2
11_Run1-Spot 7	331	521456	2.4	13.8095	1.7	1.7728	2.2	0.1776	1.4	0.63	1053.6	13.3
_Run2-Spot 136	572	88253	1.5	13.8056	1.1	1.4325	2.1	0.1434	1.8	0.86	864.0	14.8
1_Run1-Spot 17	269	88208	3.0	13.7983	1.2	1.7304	1.9	0.1732	1.4	0.78	1029.6	13.7
_Run2-Spot 215	530	42139	2.6	13.7957	1.3	1.7154	2.4	0.1716	2.0	0.84	1021.1	18.6
_Run3-Spot 289	62	40469	2.1	13.7953	1.8	1.6472	2.8	0.1648	2.2	0.77	983.4	20.1
_Run3-Spot 259	172	147943	4.4	13.7717	1.1	1.6911	1.8	0.1689	1.4	0.80	1006.1	13.5
_Run2-Spot 111	73	21185	1.9	13.7434	2.4	1.7824	2.7	0.1777	1.3	0.47	1054.2	12.5
1_Run1-Spot 98	208	121574	3.2	13.7320	1.3	1.7099	2.4	0.1703	2.0	0.84	1013.8	18.7
_Run3-Spot 272	169	135404	2.5	13.7099	1.6	1.6097	2.5	0.1601	2.0	0.77	957.1	17.4
_Run2-Spot 124	50	37909	1.1	13.7041	3.0	1.8319	3.9	0.1821	2.5	0.64	1078.3	24.9
_Run3-Spot 309	172	130546	4.7	13.6999	1.3	1.7234	2.6	0.1712	2.2	0.86	1019.0	20.9
1_Run1-Spot 83	514	81213	5.0	13.6771	1.2	1.7406	2.3	0.1727	1.9	0.86	1026.8	18.4

TABLE DR1												
_Run2-Spot 129	45	22563	5.9	13.6711	2.5	1.6132	3.3	0.1600	2.2	0.66	956.5	19.4
1_Run1-Spot 95	100	47716	3.4	13.6661	2.4	1.7371	2.8	0.1722	1.4	0.50	1024.1	13.3
_Run3-Spot 304	143	2002665	3.9	13.6637	1.4	1.7244	2.2	0.1709	1.7	0.77	1017.0	16.3
_Run3-Spot 330	480	109883	11.9	13.6621	1.1	1.5898	2.1	0.1575	1.8	0.86	943.0	16.1
_Run3-Spot 241	86	79373	12.1	13.6542	2.2	1.6441	2.6	0.1628	1.4	0.53	972.4	12.2
_Run2-Spot 198	322	59157	4.4	13.6519	1.3	1.7015	2.0	0.1685	1.5	0.74	1003.7	13.8
_Run2-Spot 208	75	39834	2.2	13.6487	2.8	1.6940	3.4	0.1677	2.1	0.60	999.4	19.1
1_Run1-Spot 23	141	34367	1.4	13.6465	2.4	1.7743	2.7	0.1756	1.2	0.46	1043.0	11.8
11_Run1-Spot 5	328	231244	2.3	13.6314	1.1	1.8109	1.8	0.1790	1.4	0.79	1061.7	14.1
_Run3-Spot 243	34	22994	1.6	13.6284	3.0	1.3825	4.1	0.1367	2.7	0.67	825.7	21.0
_Run3-Spot 320	109	123190	3.1	13.6242	1.5	1.7450	2.2	0.1724	1.6	0.73	1025.5	15.1
_Run3-Spot 295	242	51939	5.4	13.6119	1.2	1.7978	2.3	0.1775	1.9	0.84	1053.2	18.7
_Run2-Spot 190	223	327415	3.3	13.6087	1.5	1.6830	2.4	0.1661	1.9	0.80	990.7	17.7
_Run2-Spot 116	90	237211	1.0	13.5775	2.4	1.8326	3.3	0.1805	2.2	0.67	1069.5	21.6
_Run1-Spot 107	93	42097	2.1	13.5649	1.5	1.7755	2.6	0.1747	2.2	0.82	1037.8	20.9
1_Run1-Spot 51	68	39253	1.7	13.5614	2.1	1.7708	2.8	0.1742	1.9	0.68	1035.0	18.3
_Run2-Spot 179	249	58486	3.7	13.5576	1.6	1.6617	2.5	0.1634	1.9	0.77	975.6	17.2
_Run2-Spot 132	631	744391	2.8	13.5570	1.0	1.7422	1.7	0.1713	1.4	0.80	1019.3	12.9
_Run3-Spot 225	277	539236	3.3	13.5463	1.0	1.7400	1.9	0.1709	1.6	0.85	1017.3	15.3
_Run3-Spot 280	100	47734	2.2	13.5149	1.5	1.7205	3.0	0.1686	2.6	0.87	1004.6	24.5
_Run2-Spot 181	368	50320	2.3	13.5101	1.4	1.8601	2.5	0.1823	2.1	0.83	1079.3	21.0
_Run2-Spot 185	185	35096	2.4	13.4990	2.1	1.7023	2.6	0.1667	1.5	0.58	993.7	14.0
_Run3-Spot 292	275	81585	4.0	13.4979	1.0	1.8919	2.2	0.1852	2.0	0.90	1095.4	20.3
1_Run1-Spot 74	146	51433	2.9	13.4920	1.8	1.8837	2.3	0.1843	1.4	0.61	1090.6	14.2
_Run3-Spot 306	60	185925	2.8	13.4896	1.5	1.7588	2.7	0.1721	2.2	0.82	1023.5	20.7
_Run3-Spot 262	127	36074	8.5	13.4798	1.9	1.8160	2.8	0.1775	2.1	0.74	1053.5	20.2
_Run2-Spot 183	247	32469	2.0	13.4621	1.5	1.8178	2.4	0.1775	1.8	0.76	1053.2	17.6
_Run3-Spot 265	46	25312	2.2	13.4573	1.9	1.7122	2.9	0.1671	2.2	0.76	996.2	20.6
1_Run1-Spot 72	736	59420	3.6	13.4560	1.1	1.7326	2.0	0.1691	1.6	0.83	1007.1	15.4
_Run2-Spot 207	310	74827	1.8	13.4512	1.8	1.7153	3.4	0.1673	2.9	0.85	997.5	26.4
_Run2-Spot 220	459	153932	4.7	13.4480	1.0	1.7555	2.3	0.1712	2.1	0.91	1018.8	19.4
_Run3-Spot 226	206	77598	3.9	13.4329	1.4	1.8304	2.3	0.1783	1.8	0.79	1057.8	17.7
_Run2-Spot 171	253	60807	1.3	13.4249	1.4	1.7084	2.3	0.1663	1.8	0.81	991.9	16.9
_Run3-Spot 316	273	164170	4.1	13.4058	1.5	1.8310	2.3	0.1780	1.7	0.75	1056.2	16.8
_Run3-Spot 256	393	50494	7.3	13.3941	1.3	1.8621	2.5	0.1809	2.1	0.85	1071.8	20.6
_Run3-Spot 327	183	127604	2.0	13.3844	1.3	1.8469	2.0	0.1793	1.5	0.77	1063.0	15.1
_Run2-Spot 151	150	51917	1.9	13.3730	2.6	1.7440	3.6	0.1692	2.5	0.69	1007.4	23.2
1_Run1-Spot 11	93	64933	3.5	13.3720	2.4	1.8074	2.9	0.1753	1.6	0.56	1041.2	15.3
1_Run1-Spot 94	149	45240	1.3	13.3679	1.9	1.7930	2.9	0.1738	2.2	0.77	1033.2	21.5
_Run2-Spot 209	1377	361624	11.4	13.3567	1.2	1.8636	2.3	0.1805	2.0	0.86	1069.9	19.7
1_Run1-Spot 60	179	107537	2.0	13.3446	1.2	1.7866	2.1	0.1729	1.7	0.81	1028.1	15.9
_Run2-Spot 162	387	185400	2.5	13.3236	1.8	1.6421	4.1	0.1587	3.7	0.90	949.4	33.0
1_Run1-Spot 35	600	221883	2.4	13.3212	1.2	1.8776	2.1	0.1814	1.8	0.84	1074.6	17.6
_Run2-Spot 217	169	26046	2.0	13.3158	2.0	1.7918	2.6	0.1730	1.7	0.66	1028.9	16.5
1_Run1-Spot 82	154	103919	6.1	13.3156	1.9	1.8406	3.4	0.1778	2.8	0.84	1054.7	27.6
_Run3-Spot 315	403	111359	3.1	13.3145	1.4	1.6162	2.1	0.1561	1.5	0.72	934.9	12.9

TABLE DR1												
_Run3-Spot 251	319	180876	7.1	13.3079	1.1	1.8308	2.2	0.1767	1.9	0.87	1048.9	18.8
_Run2-Spot 184	387	153772	1.9	13.3021	1.6	1.8717	2.4	0.1806	1.8	0.76	1070.1	18.2
_Run2-Spot 216	492	177898	4.4	13.2996	1.2	1.8552	2.9	0.1790	2.7	0.91	1061.2	26.1
_Run2-Spot 120	140	47542	1.9	13.2889	1.5	1.6978	2.6	0.1636	2.1	0.81	976.9	19.4
_Run2-Spot 152	144	45521	1.6	13.2688	2.0	1.8363	3.3	0.1767	2.6	0.79	1049.0	25.2
_Run3-Spot 248	55	30986	1.3	13.2671	1.9	1.8969	2.7	0.1825	2.0	0.72	1080.7	19.7
_Run3-Spot 234	71	55955	0.8	13.2478	1.6	1.8719	2.2	0.1799	1.6	0.72	1066.2	16.0
11_Run1-Spot 8	198	46464	2.1	13.2473	1.7	1.9022	2.7	0.1828	2.0	0.76	1082.0	20.3
_Run2-Spot 203	321	41215	1.1	13.2405	1.2	1.8502	2.2	0.1777	1.9	0.85	1054.2	18.0
_Run2-Spot 158	95	45890	2.4	13.2392	1.2	1.8787	2.2	0.1804	1.9	0.84	1069.1	18.5
_Run2-Spot 199	239	70442	1.1	13.2129	1.5	1.8734	2.3	0.1795	1.8	0.77	1064.4	17.5
1_Run1-Spot 30	375	60644	2.0	13.2002	1.5	1.8491	2.6	0.1770	2.1	0.80	1050.7	20.2
_Run3-Spot 318	161	82822	1.8	13.1501	1.2	1.9575	2.0	0.1867	1.5	0.77	1103.5	15.4
_Run3-Spot 323	66	42566	1.5	13.0893	1.6	1.9096	2.4	0.1813	1.8	0.73	1074.0	17.4
_Run3-Spot 244	103	43384	2.8	13.0778	1.3	1.8825	2.1	0.1786	1.7	0.79	1059.0	16.6
_Run2-Spot 141	47	32860	0.7	13.0729	3.4	1.8607	3.8	0.1764	1.7	0.44	1047.4	16.0
_Run2-Spot 138	312	189334	3.1	13.0559	1.5	1.8943	2.1	0.1794	1.5	0.70	1063.5	14.5
_Run3-Spot 328	132	152737	1.5	13.0472	1.5	1.6712	3.3	0.1581	3.0	0.90	946.4	26.5
_Run2-Spot 186	82	52353	3.2	12.9858	1.6	2.0351	2.3	0.1917	1.7	0.75	1130.4	18.1
_Run3-Spot 239	161	56657	2.0	12.9816	1.8	1.9230	2.7	0.1811	1.9	0.73	1072.7	19.2
1_Run1-Spot 34	55	39664	1.5	12.9807	1.9	1.9600	2.8	0.1845	2.1	0.73	1091.6	21.0
_Run2-Spot 112	126	36772	2.3	12.9508	2.5	2.0547	3.1	0.1930	1.8	0.60	1137.6	19.2
_Run1-Spot 105	333	52192	2.0	12.9454	1.1	2.0640	2.1	0.1938	1.8	0.85	1141.8	18.4
1_Run1-Spot 88	289	#####	2.1	12.9228	1.3	2.0194	1.9	0.1893	1.4	0.73	1117.4	14.5
_Run3-Spot 291	80	34174	2.6	12.9198	1.8	2.1200	2.8	0.1986	2.1	0.76	1168.1	22.4
_Run2-Spot 178	267	69000	1.1	12.9194	1.6	2.0605	2.3	0.1931	1.6	0.70	1138.0	16.7
_Run2-Spot 128	191	121752	2.1	12.8910	1.7	2.0637	2.4	0.1929	1.7	0.72	1137.3	18.0
_Run2-Spot 189	780	52076	5.8	12.8483	1.0	2.1683	1.9	0.2021	1.6	0.86	1186.4	17.2
_Run3-Spot 269	56	234753	1.3	12.8172	1.8	2.0724	2.3	0.1926	1.4	0.62	1135.7	15.0
_Run2-Spot 194	196	1200968	2.4	12.7887	1.7	1.9144	2.3	0.1776	1.6	0.69	1053.7	15.6
_Run3-Spot 229	49	202434	2.9	12.7821	2.0	2.1052	2.7	0.1952	1.9	0.69	1149.3	19.9
_Run3-Spot 271	236	77127	1.5	12.7779	1.0	2.1777	1.8	0.2018	1.5	0.83	1185.1	15.9
_Run2-Spot 182	133	28684	1.7	12.7762	1.9	2.1029	2.5	0.1949	1.6	0.65	1147.7	17.3
_Run3-Spot 222	140	91350	2.7	12.6984	1.6	2.0543	2.4	0.1892	1.8	0.74	1117.0	18.4
_Run3-Spot 329	56	63436	1.4	12.6800	1.9	2.2173	3.2	0.2039	2.6	0.80	1196.3	28.3
_Run2-Spot 121	441	445578	3.0	12.6665	0.9	2.1189	2.0	0.1947	1.8	0.90	1146.5	18.9
1_Run1-Spot 99	197	100823	0.8	12.6430	1.4	2.1392	2.5	0.1962	2.1	0.82	1154.6	22.1
_Run2-Spot 211	455	922656	2.0	12.6425	1.2	2.1115	2.2	0.1936	1.9	0.86	1140.9	20.2
1_Run1-Spot 96	95	67628	3.1	12.6365	1.7	2.0678	3.6	0.1895	3.2	0.88	1118.7	32.5
1_Run1-Spot 50	141	55675	2.4	12.6313	1.8	2.1328	2.8	0.1954	2.2	0.76	1150.5	22.9
11_Run1-Spot 9	587	59322	17.7	12.6229	0.9	2.2157	1.6	0.2028	1.3	0.82	1190.6	14.5
_Run3-Spot 266	166	236543	3.7	12.6143	1.2	2.3039	1.8	0.2108	1.3	0.72	1233.0	14.5
1_Run1-Spot 59	158	73052	2.2	12.6079	1.9	2.1320	2.3	0.1950	1.3	0.58	1148.1	14.0
_Run2-Spot 164	525	52410	1.6	12.5891	1.4	2.1637	2.3	0.1976	1.8	0.80	1162.2	19.5
_Run2-Spot 177	49	192439	2.5	12.5835	1.8	2.1318	2.6	0.1946	1.9	0.74	1146.0	20.3
_Run3-Spot 282	159	52514	2.2	12.5173	1.7	2.3497	2.7	0.2133	2.1	0.79	1246.4	24.1

TABLE DR1												
_Run2-Spot 139	161	69008	2.5	12.4914	1.9	2.2435	2.5	0.2033	1.7	0.67	1192.8	18.5
_Run2-Spot 159	212	150751	1.2	12.4700	2.0	2.1937	3.0	0.1984	2.3	0.75	1166.7	24.3
_Run2-Spot 156	123	32049	2.4	12.3820	2.1	2.2586	2.7	0.2028	1.7	0.62	1190.5	18.3
_Run3-Spot 288	137	50114	2.9	12.3579	1.6	2.3262	2.7	0.2085	2.1	0.80	1220.8	23.6
_Run2-Spot 130	142	29347	2.5	12.3527	1.1	2.2203	1.8	0.1989	1.5	0.81	1169.5	15.6
_Run2-Spot 157	34	30061	1.5	12.3466	3.6	2.1538	4.0	0.1929	1.9	0.47	1136.9	19.7
_Run2-Spot 123	103	32148	3.2	12.3283	1.9	2.3556	3.1	0.2106	2.5	0.79	1232.1	27.6
_Run3-Spot 277	118	158401	1.5	12.3043	1.4	2.4485	2.4	0.2185	2.0	0.82	1274.0	23.1
_Run2-Spot 149	182	184989	3.2	12.2620	1.6	2.4263	2.3	0.2158	1.7	0.73	1259.5	19.5
_Run2-Spot 197	756	201687	5.6	12.2246	1.0	2.3998	1.7	0.2128	1.4	0.81	1243.5	15.5
_Run3-Spot 285	117	51642	3.3	12.2209	1.6	2.0270	2.5	0.1797	1.9	0.78	1065.1	19.1
1_Run1-Spot 26	172	181008	2.7	12.1761	1.8	2.3852	2.2	0.2106	1.2	0.53	1232.2	13.0
_Run2-Spot 113	443	215053	2.7	12.0723	1.1	2.2863	1.9	0.2002	1.6	0.82	1176.3	16.9
_Run3-Spot 274	231	119321	1.0	11.9788	1.3	2.4854	2.2	0.2159	1.8	0.81	1260.3	20.2
_Run3-Spot 255	17	87451	2.9	11.7238	2.9	2.6156	3.6	0.2224	2.1	0.60	1294.5	25.2
_Run3-Spot 300	144	116199	2.1	11.7142	1.4	2.6869	2.3	0.2283	1.8	0.78	1325.5	21.2
_Run3-Spot 245	22	21409	2.7	11.6916	3.4	2.5259	3.8	0.2142	1.6	0.42	1251.1	18.1
_Run2-Spot 146	141	160014	2.3	11.6771	1.5	2.5865	2.1	0.2191	1.6	0.73	1276.9	18.2
_Run3-Spot 232	34	27822	1.3	11.5223	2.1	2.7320	2.9	0.2283	1.9	0.67	1325.6	22.8
_Run3-Spot 253	154	77447	2.1	11.4979	1.2	2.7088	3.9	0.2259	3.8	0.95	1312.9	44.6
_Run2-Spot 193	1868	659908	7.6	11.4579	1.3	2.9874	1.8	0.2483	1.3	0.70	1429.5	16.0
_Run3-Spot 242	69	26368	3.7	11.4568	1.9	2.3325	2.8	0.1938	2.1	0.75	1142.0	22.0
_Run2-Spot 202	125	31469	1.7	11.4035	2.1	2.9416	3.0	0.2433	2.2	0.72	1403.8	27.3
1_Run1-Spot 80	170	60180	1.7	11.4023	1.7	2.8567	2.7	0.2362	2.1	0.77	1367.1	26.0
_Run3-Spot 227	201	186761	3.0	11.3890	0.9	2.9140	1.6	0.2407	1.3	0.83	1390.3	16.2
_Run3-Spot 247	89	788580	1.9	11.2711	1.5	2.8598	2.5	0.2338	2.0	0.79	1354.3	23.9
_Run2-Spot 165	869	131966	3.6	11.2022	1.0	3.0421	2.1	0.2472	1.8	0.88	1423.8	23.0
1_Run1-Spot 84	127	163527	2.1	11.1811	1.3	3.0911	2.3	0.2507	1.9	0.83	1441.9	24.6
_Run3-Spot 322	191	75433	2.5	11.1097	1.1	3.2163	2.1	0.2592	1.7	0.84	1485.5	23.0
_Run2-Spot 143	92	30820	1.4	11.1022	1.8	2.9945	2.5	0.2411	1.8	0.70	1392.5	22.2
11_Run1-Spot 2	589	134045	3.7	11.0969	1.3	3.0711	2.4	0.2472	2.0	0.84	1423.9	25.4
1_Run1-Spot 44	217	175915	4.0	11.0318	1.1	3.0993	2.2	0.2480	1.9	0.86	1428.0	24.0
_Run3-Spot 263	61	37203	1.2	10.8798	2.3	3.1491	2.7	0.2485	1.4	0.50	1430.7	17.4
_Run3-Spot 276	362	315005	1.6	10.8419	1.5	3.1772	3.0	0.2498	2.5	0.86	1437.6	32.8
_Run3-Spot 321	206	76109	2.1	10.8193	1.5	3.2477	2.5	0.2548	2.0	0.79	1463.4	25.8
_Run3-Spot 260	145	1008086	2.3	10.7498	1.6	3.3839	2.3	0.2638	1.7	0.73	1509.4	22.6
1_Run1-Spot 15	70	258171	0.6	10.7037	1.3	3.3126	2.3	0.2572	2.0	0.84	1475.3	25.9
_Run3-Spot 290	906	57242	14.9	10.6409	0.9	2.8162	1.9	0.2173	1.7	0.89	1267.8	19.7
_Run3-Spot 237	163	149907	1.6	10.5883	1.6	3.4658	2.6	0.2662	2.0	0.77	1521.2	26.9
_Run2-Spot 150	117	25150	2.2	10.4423	1.7	3.5234	2.7	0.2668	2.1	0.77	1524.8	28.1
_Run2-Spot 125	402	61493	2.9	10.3637	1.3	3.1584	2.5	0.2374	2.2	0.86	1373.2	27.0
_Run3-Spot 224	66	143607	1.4	10.2448	2.8	3.6007	3.3	0.2675	1.6	0.49	1528.3	21.7
1_Run1-Spot 20	421	202880	2.0	10.1281	1.0	3.9153	1.8	0.2876	1.5	0.84	1629.5	21.5
_Run2-Spot 173	230	71966	2.0	10.0192	1.5	3.5942	3.3	0.2612	3.0	0.90	1495.8	39.6
_Run3-Spot 261	78	117256	1.5	9.9819	1.7	3.9816	2.6	0.2882	1.9	0.74	1632.8	27.5
_Run2-Spot 212	92	152674	0.4	9.9741	1.8	3.7651	2.4	0.2724	1.5	0.64	1552.8	20.6

TABLE DR1												
_Run2-Spot 148	170	105829	1.4	9.9586	1.4	3.9116	2.0	0.2825	1.5	0.74	1604.1	21.2
_Run2-Spot 170	326	146747	3.8	9.9117	1.3	4.0487	1.8	0.2910	1.3	0.72	1646.8	19.3
1_Run1-Spot 71	186	192545	1.9	9.8667	1.0	4.0080	1.6	0.2868	1.2	0.75	1625.6	16.6
_Run3-Spot 273	56	38549	1.2	9.8632	1.5	4.0995	2.4	0.2933	1.8	0.77	1657.8	27.0
_Run1-Spot 109	153	215457	0.9	9.8324	1.1	3.9631	3.0	0.2826	2.8	0.92	1604.5	39.5
_Run3-Spot 223	70	95064	6.4	9.8312	1.4	3.9904	2.2	0.2845	1.7	0.78	1614.1	24.0
1_Run1-Spot 89	113	123761	1.4	9.8132	1.6	4.0980	2.3	0.2917	1.7	0.73	1649.8	24.8
1_Run1-Spot 73	278	162983	2.2	9.7918	0.9	3.9985	1.8	0.2840	1.5	0.85	1611.3	21.6
1_Run1-Spot 38	59	30520	3.0	9.6412	1.8	4.1411	3.5	0.2896	3.0	0.86	1639.3	44.0
_Run2-Spot 147	202	78660	1.6	9.6301	1.3	4.2004	2.9	0.2934	2.6	0.90	1658.4	37.5
_Run2-Spot 188	169	327866	3.2	9.6169	1.4	4.2609	2.2	0.2972	1.7	0.78	1677.3	25.1
_Run2-Spot 192	334	102915	3.7	9.5960	1.2	4.1697	2.4	0.2902	2.0	0.85	1642.5	29.2
_Run3-Spot 238	136	1012976	4.9	9.5857	1.4	4.2531	2.5	0.2957	2.1	0.84	1669.9	30.3
1_Run1-Spot 10	59	63679	1.5	9.5830	1.5	4.3627	2.0	0.3032	1.4	0.67	1707.3	20.5
_Run3-Spot 240	132	50112	2.8	9.5350	1.3	4.2926	2.3	0.2968	1.8	0.81	1675.7	27.2
1_Run1-Spot 48	178	35864	1.8	9.5160	1.4	4.2907	2.4	0.2961	1.9	0.79	1672.1	27.7
1_Run1-Spot 16	91	32727	1.1	9.5069	1.5	4.2018	2.8	0.2897	2.4	0.85	1640.1	34.5
_Run2-Spot 206	151	28460	3.3	9.4979	1.1	4.3981	2.0	0.3030	1.6	0.82	1706.0	24.5
_Run2-Spot 140	679	498242	1.2	9.4971	0.9	4.4993	1.9	0.3099	1.6	0.88	1740.3	24.9
_Run3-Spot 319	123	114057	3.9	9.4056	1.4	4.4241	2.3	0.3018	1.8	0.79	1700.2	26.9
_Run2-Spot 135	154	72745	3.1	9.3749	1.3	4.5561	2.1	0.3098	1.6	0.78	1739.6	24.9
_Run2-Spot 154	136	47338	1.7	9.3542	1.5	4.4806	2.6	0.3040	2.1	0.82	1711.0	32.1
_Run3-Spot 294	74	146427	2.1	9.3437	1.7	4.6546	2.5	0.3154	1.9	0.75	1767.4	29.5
1_Run1-Spot 43	262	153779	2.3	9.3141	1.0	4.5411	1.9	0.3068	1.7	0.87	1724.8	25.8
_Run3-Spot 228	518	71348	7.0	9.3131	1.3	4.3687	2.3	0.2951	2.0	0.84	1666.9	28.7
_Run3-Spot 310	154	52941	2.0	9.3052	1.2	4.5698	2.3	0.3084	2.0	0.86	1732.9	30.5
_Run3-Spot 252	128	80079	1.2	9.1956	1.3	4.5440	2.8	0.3031	2.4	0.88	1706.4	36.3
1_Run1-Spot 14	207	56160	3.0	9.1778	1.2	4.7405	2.8	0.3155	2.6	0.91	1767.9	40.1
_Run2-Spot 126	54	132002	1.0	9.1345	1.6	4.6576	1.9	0.3086	1.1	0.57	1733.6	16.8
_Run2-Spot 160	144	42177	3.8	9.1232	1.6	4.5100	2.4	0.2984	1.9	0.77	1683.5	27.8
1_Run1-Spot 54	236	73563	0.9	9.0931	1.0	4.7664	1.6	0.3143	1.3	0.80	1762.0	20.2
_Run3-Spot 324	42	81421	1.9	9.0917	1.4	4.7544	3.0	0.3135	2.7	0.89	1757.9	41.6
_Run3-Spot 279	351	77886	3.3	9.0708	1.0	4.8832	2.4	0.3213	2.2	0.91	1795.8	34.6
1_Run1-Spot 49	108	83570	1.0	8.8880	1.4	5.0442	2.1	0.3252	1.5	0.74	1814.9	24.3
_Run3-Spot 317	110	42420	1.5	8.7607	1.5	5.0709	2.5	0.3222	2.0	0.80	1800.4	31.4
_Run3-Spot 267	136	54457	0.6	8.6378	0.9	5.4101	1.6	0.3389	1.3	0.83	1881.5	21.9
1_Run1-Spot 25	262	231098	1.9	8.5576	1.1	5.6958	1.7	0.3535	1.3	0.76	1951.4	22.0
_Run2-Spot 176	660	369581	2.8	8.3677	0.9	5.8128	2.1	0.3528	1.9	0.91	1947.8	31.4
_Run2-Spot 169	714	134941	2.7	8.0475	1.2	6.3346	2.3	0.3697	1.9	0.84	2028.1	33.2
_Run2-Spot 195	190	122978	1.9	8.0462	1.1	6.3989	2.0	0.3734	1.7	0.83	2045.5	29.3
1_Run1-Spot 65	169	133392	3.2	7.8324	0.8	6.5012	2.0	0.3693	1.9	0.93	2026.1	33.0
_Run3-Spot 235	19	29437	2.5	7.7052	1.6	6.8479	2.5	0.3827	1.8	0.74	2088.8	32.5
_Run2-Spot 131	120	192692	1.0	7.6590	1.4	6.5733	2.3	0.3651	1.9	0.80	2006.5	32.1
_Run3-Spot 293	31	33573	1.1	7.2272	1.6	6.7464	2.8	0.3536	2.4	0.83	1951.9	39.7
_Run2-Spot 167	141	62270	1.1	6.8544	1.4	7.8342	2.2	0.3895	1.6	0.75	2120.3	29.7
_Run3-Spot 302	28	50568	2.0	6.4222	1.2	9.6253	2.3	0.4483	2.0	0.87	2387.8	40.7

TABLE DR1												
1_Run1-Spot 67	78	49232	1.1	6.0364	1.6	10.9164	2.1	0.4779	1.3	0.61	2518.2	26.3
_Run2-Spot 145	322	54839	2.1	5.9339	1.1	10.7838	2.1	0.4641	1.8	0.85	2457.6	36.1
11_Run1-Spot 4	147	108195	1.7	5.9310	1.3	11.2664	1.7	0.4846	1.1	0.66	2547.4	23.9
1_Run1-Spot 93	62	82107	0.6	5.8973	1.1	11.1512	2.2	0.4770	1.9	0.86	2514.0	39.6
1_Run1-Spot 58	211	171964	2.0	5.7215	1.2	11.9240	1.7	0.4948	1.2	0.72	2591.4	26.6
1_Run1-Spot 87	81	33112	2.3	5.5247	1.2	12.5277	2.1	0.5020	1.7	0.81	2622.3	36.3
1_Run1-Spot 55	86	50591	0.9	5.5094	1.3	12.5633	2.0	0.5020	1.5	0.75	2622.4	32.4
11_Run1-Spot 6	85	109208	0.5	5.4756	1.5	13.2389	2.4	0.5258	1.9	0.79	2723.6	42.8
_Run2-Spot 142	270	77151	1.1	5.4657	1.1	12.6839	2.0	0.5028	1.7	0.83	2625.8	35.7
1_Run1-Spot 36	55	29328	2.8	5.4558	1.5	12.1374	2.3	0.4803	1.7	0.75	2528.4	35.8
1_Run1-Spot 75	254	102092	2.4	5.4442	1.3	12.3733	2.4	0.4886	2.0	0.85	2564.4	42.6
1_Run1-Spot 22	159	76214	1.1	5.3907	0.9	13.1805	1.7	0.5153	1.4	0.85	2679.3	31.6
_Run3-Spot 268	79	50351	1.3	5.3880	1.2	13.2557	1.7	0.5180	1.3	0.73	2690.7	27.8
_Run3-Spot 298	79	182788	0.3	5.3579	1.2	13.2211	2.0	0.5138	1.6	0.80	2672.7	35.2
_Run3-Spot 254	32	40508	1.7	5.3328	1.4	13.3732	3.0	0.5172	2.7	0.89	2687.4	59.2
1_Run1-Spot 31	55	137383	1.4	5.3298	1.2	13.6748	2.1	0.5286	1.7	0.81	2735.6	38.6
_Run1-Spot 106	209	93461	1.8	5.2667	1.0	13.3172	1.8	0.5087	1.5	0.84	2651.0	33.0
_Run3-Spot 305	100	138711	1.9	5.2571	1.6	14.2174	2.4	0.5421	1.8	0.75	2792.2	41.7
_Run3-Spot 303	44	42066	1.9	5.1396	1.2	14.0880	2.4	0.5251	2.1	0.88	2721.0	47.3
1_Run1-Spot 97	1010	933329	3.5	5.0613	1.1	14.0409	1.9	0.5154	1.6	0.83	2679.7	34.2

Table DR1S U-Pb geochronologic analyses SYN14-12												
Analysis	U	206Pb	U/Th	206Pb*	±	Isotope ratios		206Pb*	±	error	206Pb*	±
						207Pb*	±					
_Run2-Spot 208	442	41899	2.5	19.4543	2.6	0.1879	3.8	0.0265	2.7	0.72	168.7	4.5
2_Run1-Spot 53	214	25740	2.3	19.8527	3.1	0.2526	4.6	0.0364	3.5	0.75	230.3	7.9
2_Run1-Spot 72	74	8469	3.2	20.9044	5.2	0.2435	5.7	0.0369	2.3	0.40	233.7	5.2
2_Run1-Spot 82	159	52505	1.8	19.8861	3.1	0.2590	4.2	0.0374	2.9	0.68	236.4	6.7
12_Run1-Spot 8	648	139778	2.5	19.4612	2.3	0.2676	4.0	0.0378	3.3	0.82	239.0	7.7
_Run2-Spot 162	107	11952	1.3	19.6843	3.6	0.2778	4.6	0.0397	2.9	0.63	250.7	7.1
_Run2-Spot 202	319	40722	2.0	18.9040	1.7	0.3145	2.9	0.0431	2.4	0.81	272.1	6.3
_Run2-Spot 146	348	78188	1.5	18.6720	2.5	0.3495	3.2	0.0473	2.1	0.65	298.1	6.1
_Run1-Spot 101	83	33657	22.2	18.3493	3.2	0.3583	4.0	0.0477	2.3	0.58	300.3	6.8
_Run3-Spot 321	537	110172	0.7	18.6477	2.8	0.3621	3.8	0.0490	2.7	0.69	308.2	8.0
_Run3-Spot 228	43	3965	1.1	19.7810	5.4	0.3446	6.7	0.0494	4.0	0.59	311.1	12.0
2_Run1-Spot 25	275	66613	15.0	18.8594	2.5	0.3623	3.8	0.0495	2.8	0.74	311.8	8.5
_Run3-Spot 244	283	17480	2.6	19.3390	2.4	0.3544	4.8	0.0497	4.2	0.86	312.7	12.7
_Run2-Spot 130	167	21908	1.7	20.1554	2.9	0.3514	3.6	0.0514	2.2	0.61	322.9	6.9
_Run3-Spot 236	143	7783	3.5	18.8621	3.8	0.3990	4.4	0.0546	2.2	0.50	342.6	7.4
_Run3-Spot 319	424	72081	2.3	18.9218	1.9	0.3986	3.3	0.0547	2.8	0.82	343.3	9.2
_Run2-Spot 210	493	36444	1.7	18.7065	1.9	0.4089	3.1	0.0555	2.5	0.79	348.1	8.4
_Run3-Spot 271	257	34338	3.3	19.0823	2.6	0.4043	5.0	0.0560	4.3	0.86	351.0	14.6
2_Run1-Spot 12	188	47491	1.6	18.1079	2.4	0.4402	3.2	0.0578	2.2	0.67	362.3	7.6
_Run2-Spot 139	204	48869	1.1	18.5175	2.4	0.4370	3.4	0.0587	2.4	0.72	367.7	8.6
2_Run1-Spot 90	234	26747	4.4	18.6717	1.5	0.4482	2.2	0.0607	1.6	0.75	379.9	6.0
_Run2-Spot 155	554	49921	47.2	18.1248	1.5	0.4843	2.5	0.0637	2.0	0.80	397.9	7.6

TABLE DR1												
_Run2-Spot 116	367	28457	3.7	18.5356	1.9	0.4807	2.7	0.0646	1.9	0.71	403.7	7.4
_Run2-Spot 151	423	52822	2.6	18.0712	1.6	0.4990	2.1	0.0654	1.4	0.66	408.4	5.6
_Run3-Spot 231	261	25436	2.5	17.7768	1.7	0.5101	3.2	0.0658	2.7	0.84	410.6	10.6
_Run3-Spot 306	555	57261	1.4	18.1815	1.9	0.5003	2.8	0.0660	2.0	0.72	411.9	8.1
_Run2-Spot 134	69	48493	1.1	18.1105	3.0	0.5064	4.0	0.0665	2.6	0.65	415.1	10.4
_Run1-Spot 106	488	179313	14.5	17.9651	1.7	0.5147	3.0	0.0671	2.5	0.83	418.5	10.1
_Run2-Spot 112	142	30522	2.3	18.0550	3.6	0.5131	5.6	0.0672	4.3	0.77	419.2	17.4
_Run3-Spot 318	248	40809	2.0	17.8778	2.6	0.5217	2.9	0.0676	1.4	0.49	422.0	5.9
2_Run1-Spot 94	191	86355	0.8	17.4826	2.7	0.5436	3.4	0.0689	2.1	0.63	429.7	8.8
_Run3-Spot 281	155	26351	1.6	18.1423	2.7	0.5239	3.4	0.0689	2.0	0.59	429.7	8.3
2_Run1-Spot 86	281	177206	3.7	17.9834	1.9	0.5338	2.7	0.0696	1.9	0.71	433.8	8.1
_Run3-Spot 303	135	35562	1.2	17.5845	3.1	0.5487	3.7	0.0700	1.9	0.52	436.0	8.0
2_Run1-Spot 66	50	49720	4.1	17.2504	3.9	0.5609	4.7	0.0702	2.7	0.57	437.2	11.4
_Run3-Spot 272	75	13960	1.9	17.1417	4.5	0.5664	5.1	0.0704	2.4	0.46	438.7	10.1
_Run2-Spot 184	370	32474	1.3	18.2108	2.3	0.5362	3.7	0.0708	2.9	0.79	441.1	12.5
_Run2-Spot 178	100	17216	3.2	17.6191	3.0	0.5609	3.8	0.0717	2.4	0.63	446.3	10.3
_Run3-Spot 284	346	22914	2.8	18.0538	1.4	0.5634	3.2	0.0738	2.8	0.90	458.8	12.6
_Run3-Spot 251	1062	81307	2.5	17.7897	1.6	0.5731	2.5	0.0739	2.0	0.78	459.9	8.7
_Run3-Spot 229	204	21378	1.1	18.2748	2.3	0.5585	2.8	0.0740	1.5	0.55	460.4	6.9
_Run3-Spot 248	270	20990	5.4	14.9411	2.3	0.7669	3.7	0.0831	2.9	0.77	514.6	14.1
_Run3-Spot 225	640	41986	1.2	17.2867	1.2	0.6768	2.4	0.0849	2.1	0.86	525.0	10.6
2_Run1-Spot 41	98	46828	1.9	18.2142	2.2	0.6542	4.7	0.0864	4.2	0.88	534.3	21.5
2_Run1-Spot 15	126	42740	0.8	16.9596	3.1	0.7385	4.4	0.0908	3.1	0.71	560.5	16.7
_Run2-Spot 138	79	37110	1.6	16.6608	3.5	0.7533	4.8	0.0910	3.4	0.70	561.6	18.1
_Run2-Spot 212	861	83574	5.6	16.8633	1.9	0.7504	2.8	0.0918	2.2	0.76	566.0	11.7
2_Run1-Spot 85	344	53260	3.4	16.8489	2.4	0.7784	3.7	0.0951	2.8	0.75	585.8	15.6
_Run2-Spot 214	175	31287	0.7	16.3713	2.9	0.8059	3.9	0.0957	2.6	0.68	589.1	14.9
_Run2-Spot 150	121	28340	2.2	16.3512	3.2	0.8086	4.1	0.0959	2.6	0.63	590.3	14.6
2_Run1-Spot 81	88	36007	1.1	16.3766	3.0	0.8106	4.1	0.0963	2.8	0.69	592.6	15.8
_Run3-Spot 286	945	301720	5.0	17.1726	1.4	0.7739	2.2	0.0964	1.7	0.79	593.2	9.9
2_Run1-Spot 45	128	55297	2.2	16.6612	2.6	0.8242	3.6	0.0996	2.5	0.69	612.0	14.5
_Run3-Spot 233	502	54764	7.3	17.0624	1.5	0.8059	2.4	0.0997	1.9	0.79	612.8	10.9
_Run2-Spot 198	414	113589	12.8	16.8434	1.6	0.8228	2.4	0.1005	1.8	0.75	617.4	10.4
_Run2-Spot 185	212	163358	1.9	14.4641	1.9	1.0350	2.9	0.1086	2.1	0.75	664.4	13.6
_Run3-Spot 273	808	103881	11.1	13.9887	1.5	1.2165	2.5	0.1234	2.0	0.81	750.2	14.2
2_Run1-Spot 84	125	89424	2.9	15.6070	2.2	1.1213	3.6	0.1269	2.8	0.79	770.3	20.3
2_Run1-Spot 31	566	96265	9.6	14.3906	2.2	1.2659	3.4	0.1321	2.6	0.76	800.0	19.3
_Run2-Spot 113	172	32237	5.1	14.3359	2.2	1.2847	3.2	0.1336	2.3	0.73	808.2	17.8
_Run1-Spot 102	29	14097	2.9	14.5479	2.6	1.5281	4.0	0.1612	3.1	0.76	963.6	27.5
_Run3-Spot 268	469	104920	3.5	14.3803	1.5	1.5221	2.7	0.1588	2.2	0.83	949.8	19.5
_Run3-Spot 322	278	24223	2.7	14.2421	1.6	1.5567	2.4	0.1608	1.8	0.76	961.2	16.3
2_Run1-Spot 56	175	62131	2.0	14.2324	2.1	1.5502	3.3	0.1600	2.5	0.77	956.9	22.6
_Run2-Spot 115	202	37428	2.5	14.0601	1.7	1.6469	3.6	0.1679	3.2	0.89	1000.8	30.0
12_Run1-Spot 3	265	59634	4.2	14.0576	1.5	1.3896	3.2	0.1417	2.8	0.88	854.1	22.3
_Run3-Spot 308	102	17537	1.9	14.0416	2.8	1.6361	3.7	0.1666	2.3	0.64	993.5	21.6
_Run3-Spot 292	28	5660	1.6	14.0247	3.6	1.7434	4.3	0.1773	2.4	0.55	1052.4	23.0

TABLE DR1												
2_Run1-Spot 92	408	194796	3.0	13.9375	1.3	1.7426	3.0	0.1762	2.7	0.91	1045.9	25.9
_Run2-Spot 196	508	115071	10.7	13.9199	2.0	1.4943	3.2	0.1509	2.6	0.79	905.8	21.6
_Run3-Spot 243	45	14610	2.3	13.9143	2.6	1.6607	4.1	0.1676	3.2	0.78	998.8	29.9
2_Run1-Spot 91	198	153791	4.1	13.9114	1.9	1.4938	3.3	0.1507	2.6	0.81	905.0	22.3
_Run3-Spot 275	479	30529	9.9	13.9061	1.5	1.6740	2.3	0.1688	1.7	0.74	1005.7	15.6
2_Run1-Spot 61	91	56603	2.1	13.8969	2.2	1.7207	3.1	0.1734	2.2	0.71	1031.0	21.1
_Run3-Spot 288	49	12718	26.4	13.8728	2.4	1.7810	3.6	0.1792	2.7	0.74	1062.6	26.3
_Run3-Spot 291	192	42935	3.1	13.8693	1.2	1.5706	4.3	0.1580	4.1	0.96	945.6	35.8
_Run2-Spot 135	215	154476	3.0	13.8466	1.9	1.6523	2.6	0.1659	1.7	0.67	989.6	16.0
_Run3-Spot 313	258	62348	1.0	13.8442	1.8	1.6413	3.1	0.1648	2.5	0.81	983.4	22.8
2_Run1-Spot 69	45	24433	2.2	13.8405	2.7	1.6818	3.3	0.1688	1.9	0.57	1005.6	17.7
_Run2-Spot 111	275	36207	0.7	13.8071	1.2	1.6409	3.4	0.1643	3.2	0.94	980.7	28.9
_Run3-Spot 279	111	12534	2.1	13.8035	1.7	1.6718	3.1	0.1674	2.6	0.83	997.6	24.1
_Run2-Spot 186	294	59994	3.2	13.7831	2.4	1.6964	4.2	0.1696	3.5	0.83	1009.8	32.8
_Run3-Spot 253	273	40090	3.1	13.7812	1.9	1.7021	3.0	0.1701	2.4	0.78	1012.8	22.1
2_Run1-Spot 10	169	550186	1.4	13.7665	1.4	1.7243	2.6	0.1722	2.2	0.83	1024.0	20.5
_Run2-Spot 157	578	143920	6.3	13.7578	1.5	1.6417	2.1	0.1638	1.4	0.68	977.9	12.9
_Run2-Spot 218	192	79377	1.5	13.7573	1.4	1.6109	2.2	0.1607	1.8	0.79	960.9	15.8
_Run2-Spot 164	592	65274	4.1	13.7161	1.6	1.7541	2.7	0.1745	2.1	0.80	1036.8	20.4
_Run2-Spot 215	160	166825	3.8	13.7061	1.3	1.6859	3.6	0.1676	3.3	0.93	998.8	30.9
2_Run1-Spot 59	126	187268	1.1	13.7037	1.8	1.7641	3.7	0.1753	3.2	0.88	1041.4	31.1
2_Run1-Spot 77	1023	7095089	1.5	13.6930	1.2	1.7698	3.9	0.1758	3.7	0.95	1043.8	35.9
_Run2-Spot 114	401	86686	2.0	13.6758	1.4	1.6976	2.3	0.1684	1.8	0.79	1003.2	16.9
2_Run1-Spot 57	128	46143	1.3	13.6754	1.7	1.6986	3.4	0.1685	3.0	0.87	1003.7	27.5
_Run3-Spot 300	405	84804	2.3	13.6631	1.6	1.7604	2.5	0.1744	1.9	0.75	1036.5	17.7
_Run3-Spot 255	221	35817	1.9	13.6583	1.6	1.9044	3.6	0.1886	3.2	0.89	1114.0	32.5
2_Run1-Spot 83	66	110302	1.3	13.6396	2.5	1.6506	3.1	0.1633	1.8	0.59	975.0	16.5
2_Run1-Spot 75	219	50780	2.4	13.6381	1.7	1.8431	2.3	0.1823	1.6	0.70	1079.6	16.0
_Run2-Spot 145	672	53375	4.0	13.6224	1.4	1.7747	2.9	0.1753	2.5	0.87	1041.4	24.1
12_Run1-Spot 7	159	607349	4.1	13.6092	1.8	1.6890	3.1	0.1667	2.5	0.81	994.0	23.0
_Run2-Spot 156	365	73243	6.5	13.5748	1.8	1.7119	3.1	0.1685	2.5	0.81	1004.1	23.4
12_Run1-Spot 1	44	38268	2.0	13.5691	2.5	1.4435	4.3	0.1421	3.5	0.81	856.3	27.9
_Run2-Spot 177	99	71519	2.7	13.5666	2.5	1.4547	4.2	0.1431	3.4	0.81	862.4	27.7
12_Run1-Spot 6	123	150405	1.2	13.5602	1.8	1.8717	2.7	0.1841	2.0	0.74	1089.2	19.8
_Run2-Spot 118	187	77374	4.1	13.5573	1.9	1.7457	3.1	0.1717	2.5	0.79	1021.2	23.3
_Run2-Spot 123	67	46737	1.4	13.5431	1.7	1.7183	2.5	0.1688	1.8	0.71	1005.4	16.3
_Run3-Spot 301	494	40261	3.5	13.5414	1.1	1.8039	3.0	0.1772	2.8	0.93	1051.5	27.3
12_Run1-Spot 4	108	30763	2.9	13.5320	2.2	1.7894	3.4	0.1756	2.6	0.77	1043.0	25.3
_Run2-Spot 137	152	39140	3.4	13.5254	2.2	1.6762	3.9	0.1644	3.2	0.83	981.4	29.4
_Run3-Spot 256	146	20894	1.7	13.5217	1.6	2.0401	3.0	0.2001	2.6	0.85	1175.7	27.7
_Run3-Spot 310	60	19741	1.4	13.5213	2.8	1.6485	3.7	0.1617	2.4	0.66	966.0	21.8
_Run3-Spot 307	117	22002	1.5	13.5161	1.7	1.7300	2.8	0.1696	2.2	0.79	1009.8	20.5
_Run3-Spot 254	324	29902	2.5	13.5099	1.2	1.7304	2.6	0.1696	2.3	0.88	1009.6	21.2
2_Run1-Spot 27	139	183454	2.4	13.4946	1.6	1.7762	3.4	0.1738	3.0	0.89	1033.3	28.8
_Run3-Spot 327	343	105476	1.5	13.4940	1.6	1.7045	2.5	0.1668	1.9	0.77	994.6	17.8
2_Run1-Spot 37	216	62618	4.5	13.4911	1.7	1.7326	2.8	0.1695	2.3	0.80	1009.5	21.3

TABLE DR1												
_Run3-Spot 242	179	77160	2.7	13.4831	1.6	1.7451	2.9	0.1706	2.4	0.83	1015.7	22.4
2_Run1-Spot 58	98	102241	3.1	13.4683	2.4	1.7287	3.4	0.1689	2.4	0.71	1005.9	22.2
2_Run1-Spot 44	269	70192	3.5	13.4656	2.1	1.7321	3.1	0.1692	2.3	0.74	1007.5	21.5
2_Run1-Spot 48	86	31787	2.5	13.4645	2.0	1.7820	3.0	0.1740	2.2	0.73	1034.2	20.6
2_Run1-Spot 17	356	180295	3.2	13.4594	1.7	1.8047	2.4	0.1762	1.8	0.73	1046.0	17.0
_Run3-Spot 249	26	18706	0.8	13.4569	4.8	1.6849	5.8	0.1644	3.2	0.56	981.4	29.5
_Run2-Spot 152	127	149504	3.4	13.4567	2.0	1.7364	3.1	0.1695	2.3	0.75	1009.2	21.4
2_Run1-Spot 24	406	233955	4.0	13.4533	1.2	1.7621	2.7	0.1719	2.5	0.90	1022.7	23.3
_Run3-Spot 297	215	43313	2.9	13.4415	2.0	1.8151	3.0	0.1769	2.3	0.76	1050.3	22.4
_Run2-Spot 128	1071	150269	63.1	13.4325	1.3	1.7023	2.6	0.1658	2.3	0.88	989.2	20.9
_Run3-Spot 239	397	88348	1.0	13.4310	1.1	1.7953	3.5	0.1749	3.3	0.95	1038.9	31.9
_Run1-Spot 100	190	79779	8.1	13.4146	1.5	1.7038	2.7	0.1658	2.3	0.83	988.7	20.7
_Run1-Spot 108	30	52850	1.9	13.4128	2.6	1.6021	4.0	0.1558	3.0	0.75	933.7	26.1
_Run1-Spot 109	82	36124	1.5	13.4089	2.5	1.8098	3.4	0.1760	2.3	0.68	1045.1	22.2
2_Run1-Spot 79	150	93635	3.2	13.3986	1.8	1.7990	2.6	0.1748	1.9	0.71	1038.6	17.8
_Run3-Spot 223	180	48205	2.4	13.3854	1.5	1.8588	3.9	0.1805	3.6	0.92	1069.5	35.3
_Run2-Spot 191	1145	227409	3.2	13.3713	1.4	1.8274	2.6	0.1772	2.2	0.83	1051.7	21.0
_Run2-Spot 161	51	152135	1.3	13.3636	1.9	1.8260	2.5	0.1770	1.6	0.66	1050.4	16.0
_Run2-Spot 117	90	34409	1.9	13.3588	2.1	1.7262	3.1	0.1672	2.3	0.73	996.9	21.2
_Run1-Spot 107	342	#####	2.5	13.3586	2.5	1.8525	3.2	0.1795	2.0	0.63	1064.2	20.1
_Run2-Spot 220	167	35787	3.7	13.3568	1.5	1.7599	3.2	0.1705	2.8	0.88	1014.8	26.6
12_Run1-Spot 9	23	16316	2.3	13.3563	3.2	1.9206	4.3	0.1860	2.9	0.67	1099.9	29.0
2_Run1-Spot 30	89	208282	1.4	13.3368	2.3	1.7646	3.6	0.1707	2.7	0.77	1015.9	25.8
_Run3-Spot 323	67	15180	1.5	13.3302	2.0	1.8261	4.5	0.1765	4.0	0.89	1048.1	38.7
2_Run1-Spot 23	347	85657	3.9	13.3288	1.5	1.8057	2.5	0.1746	1.9	0.79	1037.2	18.6
_Run3-Spot 289	299	51945	5.1	13.3221	1.4	1.6885	2.7	0.1631	2.2	0.85	974.2	20.3
2_Run1-Spot 33	86	113080	1.2	13.3164	2.4	1.8022	3.1	0.1741	2.0	0.63	1034.4	18.7
_Run3-Spot 230	95	19687	1.5	13.3114	2.6	1.7486	3.4	0.1688	2.2	0.64	1005.6	20.1
_Run2-Spot 204	166	102999	3.8	13.2926	2.2	1.8057	3.7	0.1741	2.9	0.80	1034.5	28.2
2_Run1-Spot 64	46	71790	0.7	13.2826	2.8	1.8164	3.6	0.1750	2.4	0.66	1039.5	22.9
2_Run1-Spot 60	342	380401	5.6	13.2808	1.8	1.8351	2.9	0.1768	2.4	0.80	1049.3	22.8
_Run2-Spot 121	282	259245	1.7	13.2663	1.4	1.9364	2.7	0.1863	2.3	0.86	1101.4	23.6
2_Run1-Spot 67	377	190530	4.9	13.2638	1.4	1.8156	4.4	0.1747	4.1	0.94	1037.7	39.7
12_Run1-Spot 2	364	520808	3.7	13.2568	1.7	1.8795	3.0	0.1807	2.5	0.83	1070.9	24.5
_Run3-Spot 316	84	19292	1.7	13.2352	1.9	1.7373	2.9	0.1668	2.2	0.76	994.2	20.6
2_Run1-Spot 51	109	179675	1.6	13.2240	2.2	1.8564	3.7	0.1780	3.0	0.81	1056.3	29.5
2_Run1-Spot 21	195	164614	1.8	13.1880	1.8	1.9237	4.7	0.1840	4.3	0.92	1088.8	43.3
_Run3-Spot 283	107	55247	3.0	13.1762	2.2	1.8098	3.5	0.1730	2.6	0.76	1028.4	25.0
_Run3-Spot 295	70	18820	1.3	13.1672	2.1	1.7954	3.0	0.1715	2.2	0.73	1020.1	21.1
_Run2-Spot 217	102	26839	2.2	13.1672	2.2	1.8997	2.8	0.1814	1.8	0.64	1074.7	18.1
_Run2-Spot 147	379	1301935	3.8	13.1611	1.9	1.8279	3.2	0.1745	2.6	0.82	1036.7	25.2
_Run3-Spot 269	253	87636	1.5	13.1575	1.4	1.8566	2.5	0.1772	2.0	0.82	1051.5	19.6
_Run3-Spot 294	237	45884	1.7	13.1129	1.7	1.9466	4.4	0.1851	4.0	0.92	1094.9	40.7
_Run3-Spot 245	378	40455	2.3	13.1020	1.5	1.8972	3.8	0.1803	3.5	0.92	1068.5	34.1
_Run2-Spot 132	105	39162	1.8	13.0579	1.5	1.9330	2.7	0.1831	2.2	0.83	1083.7	22.1
2_Run1-Spot 73	89	158409	1.9	13.0288	2.5	2.0671	4.1	0.1953	3.2	0.79	1150.2	33.8

TABLE DR1												
_Run2-Spot 219	522	64201	13.2	12.9599	1.6	1.9702	3.6	0.1852	3.2	0.89	1095.2	32.6
2_Run1-Spot 43	36	40882	1.8	12.9548	3.5	1.8445	4.7	0.1733	3.1	0.66	1030.3	29.4
_Run2-Spot 142	295	59625	3.8	12.9430	1.8	1.9234	3.7	0.1805	3.3	0.88	1070.0	32.5
_Run3-Spot 235	406	111452	2.3	12.8944	1.9	2.0563	3.5	0.1923	2.9	0.83	1133.8	29.8
_Run3-Spot 315	42	19510	1.7	12.8912	2.9	1.8598	3.9	0.1739	2.6	0.66	1033.5	24.6
2_Run1-Spot 99	303	78195	3.9	12.8746	1.5	2.0547	2.5	0.1919	2.0	0.81	1131.4	21.0
2_Run1-Spot 96	46	28872	4.0	12.8455	2.3	2.0539	3.5	0.1914	2.6	0.74	1128.7	26.8
2_Run1-Spot 97	49	21493	1.7	12.7985	2.9	1.9839	4.2	0.1842	3.1	0.73	1089.6	30.6
_Run2-Spot 160	713	70552	3.7	12.7947	1.4	2.0816	3.3	0.1932	3.0	0.90	1138.5	31.3
_Run2-Spot 126	83	219072	2.6	12.7860	2.1	2.0529	3.0	0.1904	2.1	0.72	1123.4	21.8
_Run3-Spot 293	417	39254	4.0	12.7749	1.2	2.0714	2.6	0.1919	2.3	0.88	1131.8	23.4
2_Run1-Spot 13	233	102601	1.1	12.7368	1.8	2.2018	2.8	0.2034	2.1	0.77	1193.5	23.3
_Run3-Spot 326	251	56872	2.3	12.7328	1.9	2.1471	2.5	0.1983	1.7	0.67	1166.1	17.9
_Run3-Spot 299	364	60521	7.5	12.7282	1.3	2.0517	3.1	0.1894	2.9	0.91	1118.1	29.4
2_Run1-Spot 18	281	88270	2.9	12.6926	2.0	2.1176	4.0	0.1949	3.4	0.86	1148.1	36.2
2_Run1-Spot 93	136	2408770	2.5	12.6924	1.7	2.0748	3.1	0.1910	2.6	0.83	1126.7	26.8
_Run2-Spot 158	69	17388	3.1	12.6703	2.9	2.0832	4.4	0.1914	3.3	0.75	1129.1	34.6
_Run1-Spot 105	284	107708	3.7	12.6688	1.1	2.0847	3.3	0.1915	3.1	0.94	1129.7	32.0
_Run2-Spot 148	615	96442	6.6	12.6221	1.0	2.0541	3.3	0.1880	3.1	0.95	1110.8	32.1
_Run2-Spot 193	58	43682	1.0	12.6103	2.0	2.3396	3.1	0.2140	2.3	0.74	1250.0	26.0
2_Run1-Spot 28	44	61323	1.6	12.6044	2.2	2.0963	3.5	0.1916	2.7	0.78	1130.2	28.1
_Run3-Spot 276	111	93791	2.7	12.5926	1.5	2.2142	2.2	0.2022	1.6	0.74	1187.2	17.4
_Run3-Spot 314	203	222160	1.2	12.5863	1.5	2.2343	2.8	0.2040	2.3	0.84	1196.5	25.4
_Run1-Spot 110	152	109896	1.8	12.5637	2.1	2.1619	3.5	0.1970	2.9	0.81	1159.1	30.3
2_Run1-Spot 34	1169	867912	3.8	12.3455	1.1	2.3500	3.1	0.2104	2.9	0.93	1231.0	32.2
_Run2-Spot 183	285	67206	12.7	12.3274	1.6	2.2261	2.8	0.1990	2.3	0.82	1170.1	24.8
2_Run1-Spot 55	111	43763	4.0	12.2726	2.2	2.3299	4.2	0.2074	3.6	0.85	1214.8	39.4
2_Run1-Spot 98	33	21666	1.8	12.2713	2.4	2.1462	3.2	0.1910	2.2	0.68	1126.8	22.4
_Run3-Spot 227	87	14100	1.4	12.2490	1.7	2.2089	2.7	0.1962	2.1	0.78	1155.1	21.9
_Run3-Spot 232	568	49795	7.3	12.2245	1.5	2.1855	2.3	0.1938	1.7	0.75	1141.7	17.9
_Run3-Spot 250	92	21885	1.5	12.2084	2.1	2.3467	3.0	0.2078	2.1	0.71	1217.0	23.4
_Run2-Spot 120	95	81406	3.8	12.1199	2.2	2.3007	5.2	0.2022	4.7	0.91	1187.3	50.9
2_Run1-Spot 68	93	32636	2.3	12.0251	1.4	2.4016	4.3	0.2095	4.0	0.94	1225.9	44.9
_Run2-Spot 140	105	34716	2.8	11.9291	1.6	2.3826	2.9	0.2061	2.4	0.84	1208.2	26.8
_Run3-Spot 226	161	87278	1.8	11.7851	1.8	2.6488	4.1	0.2264	3.7	0.90	1315.6	44.2
_Run3-Spot 266	135	33561	2.5	11.7115	1.7	2.7378	3.6	0.2325	3.2	0.89	1347.8	39.3
_Run3-Spot 312	74	17164	2.5	11.6029	2.1	2.6647	2.9	0.2242	2.0	0.70	1304.3	23.6
_Run3-Spot 277	89	27165	1.1	11.5945	1.9	2.7232	5.3	0.2290	5.0	0.94	1329.2	60.2
2_Run1-Spot 35	119	100787	12.0	11.5415	1.9	2.7557	4.4	0.2307	4.0	0.90	1338.0	48.0
2_Run1-Spot 80	334	91982	1.5	11.5279	2.0	2.6654	3.0	0.2228	2.2	0.74	1296.9	25.7
_Run2-Spot 190	123	38042	3.3	11.5188	1.6	2.7834	3.7	0.2325	3.3	0.89	1347.8	39.6
_Run3-Spot 222	797	128007	3.3	11.5091	1.3	2.7756	2.5	0.2317	2.2	0.86	1343.3	26.2
_Run3-Spot 238	99	50498	0.9	11.4760	1.8	2.8025	2.8	0.2333	2.2	0.77	1351.5	26.8
_Run3-Spot 234	65	39790	1.5	11.3495	2.9	2.7260	6.2	0.2244	5.4	0.88	1305.0	64.2
_Run2-Spot 209	265	113034	2.6	11.2087	1.3	2.8945	1.9	0.2353	1.4	0.73	1362.2	17.1
_Run3-Spot 247	569	36563	2.9	11.1998	1.6	2.8964	2.6	0.2353	2.1	0.80	1362.1	25.8

TABLE DR1												
2_Run1-Spot 40	551	165444	2.0	11.1782	1.3	3.1170	2.9	0.2527	2.6	0.89	1452.4	34.1
2_Run1-Spot 78	535	202943	2.2	11.1479	1.4	3.2008	3.1	0.2588	2.7	0.89	1483.6	36.1
_Run3-Spot 296	192	45438	1.3	11.1401	1.5	3.0621	4.3	0.2474	4.1	0.94	1425.1	52.3
_Run2-Spot 207	154	43908	1.1	11.1232	1.8	3.1540	3.5	0.2544	3.0	0.86	1461.3	38.8
2_Run1-Spot 76	435	331529	3.4	11.1199	1.8	2.8845	3.5	0.2326	3.0	0.86	1348.3	36.8
2_Run1-Spot 71	102	55321	1.2	11.1133	1.3	3.0124	2.3	0.2428	1.9	0.84	1401.3	24.4
_Run3-Spot 240	410	123347	1.5	11.0937	1.5	3.0994	3.0	0.2494	2.6	0.86	1435.3	33.7
_Run3-Spot 330	242	96854	1.4	11.0399	1.4	3.1569	2.6	0.2528	2.2	0.84	1452.7	28.5
_Run2-Spot 205	105	36436	1.8	10.9967	1.9	2.9921	4.2	0.2386	3.7	0.89	1379.6	46.1
_Run3-Spot 246	142	118834	1.2	10.9817	2.0	3.1188	3.7	0.2484	3.0	0.83	1430.2	39.1
_Run3-Spot 285	216	167940	0.6	10.9579	1.4	3.0918	2.7	0.2457	2.3	0.85	1416.3	29.3
_Run3-Spot 274	111	68341	1.4	10.9495	1.2	3.0210	2.1	0.2399	1.7	0.81	1386.2	21.4
_Run3-Spot 280	73	22166	0.5	10.9111	2.0	3.1559	3.0	0.2497	2.2	0.75	1437.2	28.9
_Run3-Spot 324	77	21078	0.8	10.8877	2.2	3.0921	4.1	0.2442	3.4	0.84	1408.3	43.3
_Run2-Spot 127	217	92100	2.1	10.8321	1.1	3.1259	4.3	0.2456	4.1	0.97	1415.6	52.4
2_Run1-Spot 88	558	5216862	2.5	10.8185	1.2	3.3016	2.9	0.2591	2.6	0.91	1485.0	34.8
_Run2-Spot 144	101	72272	1.8	10.7517	1.6	3.1245	4.2	0.2436	3.8	0.92	1405.6	48.6
_Run3-Spot 241	286	69680	1.4	10.6075	1.4	3.2932	2.3	0.2534	1.9	0.81	1455.7	24.9
_Run3-Spot 311	183	45367	1.8	10.5595	1.3	3.2806	2.4	0.2512	2.0	0.83	1444.9	25.5
2_Run1-Spot 95	288	78937	2.4	10.3684	1.5	3.6891	2.7	0.2774	2.2	0.83	1578.3	31.5
_Run2-Spot 203	121	36615	2.5	10.3671	1.9	3.5505	2.8	0.2670	2.0	0.72	1525.4	27.6
_Run2-Spot 201	201	144999	1.5	10.2159	1.2	3.7042	2.5	0.2745	2.2	0.88	1563.4	31.0
2_Run1-Spot 32	210	115826	4.0	10.1472	1.3	3.6397	2.6	0.2679	2.2	0.87	1529.9	30.6
2_Run1-Spot 16	119	168583	1.0	10.0735	1.7	3.9198	2.6	0.2864	2.0	0.76	1623.4	28.1
_Run3-Spot 287	138	84566	1.1	10.0061	1.8	3.9171	2.9	0.2843	2.3	0.79	1612.8	33.1
_Run2-Spot 133	366	122062	3.2	9.9778	1.2	3.9433	2.6	0.2854	2.3	0.88	1618.3	32.7
_Run2-Spot 197	190	70076	0.9	9.8761	1.9	4.0256	2.8	0.2883	2.1	0.74	1633.3	29.7
2_Run1-Spot 63	344	201109	1.2	9.8569	1.4	4.0889	2.4	0.2923	1.9	0.82	1653.1	28.0
2_Run1-Spot 29	122	44238	1.2	9.8431	1.8	3.9609	2.4	0.2828	1.6	0.66	1605.3	22.2
2_Run1-Spot 26	561	177652	2.9	9.8143	1.8	4.0354	3.0	0.2872	2.4	0.80	1627.7	34.3
2_Run1-Spot 50	65	71292	5.3	9.7597	2.0	4.2548	2.8	0.3012	1.9	0.69	1697.1	28.8
_Run3-Spot 278	78	15662	1.6	9.6922	1.3	4.2777	3.9	0.3007	3.6	0.94	1694.8	54.3
_Run2-Spot 200	178	71285	3.1	9.6836	1.4	4.2268	3.1	0.2969	2.7	0.88	1675.7	40.0
2_Run1-Spot 46	519	1928172	4.1	9.6014	1.2	4.2413	2.8	0.2953	2.5	0.90	1668.2	37.0
_Run2-Spot 180	683	86615	2.9	9.5917	1.8	4.3466	3.8	0.3024	3.3	0.88	1703.1	49.7
2_Run1-Spot 47	343	506175	4.5	9.5735	1.5	4.2564	4.6	0.2955	4.3	0.94	1669.2	63.5
_Run2-Spot 141	200	46765	2.2	9.5178	1.6	4.3054	4.5	0.2972	4.2	0.94	1677.4	61.9
_Run2-Spot 189	250	50664	2.9	9.4946	1.8	4.4403	3.1	0.3058	2.5	0.81	1719.8	37.4
2_Run1-Spot 89	183	86680	3.2	9.4664	1.9	4.4834	3.0	0.3078	2.3	0.76	1730.0	34.3
_Run2-Spot 216	295	172123	4.5	9.4601	1.5	4.5643	4.1	0.3132	3.8	0.93	1756.2	58.5
_Run3-Spot 305	35	30883	0.5	9.4587	2.3	3.6645	3.4	0.2514	2.5	0.74	1445.6	32.4
_Run2-Spot 192	154	36336	3.7	9.4300	1.1	4.3694	2.3	0.2988	2.0	0.87	1685.5	29.7
_Run2-Spot 188	386	205980	4.8	9.3345	1.3	4.7034	2.5	0.3184	2.1	0.84	1782.0	32.0
_Run2-Spot 194	56	46130	2.7	9.3324	2.2	4.3834	3.4	0.2967	2.7	0.78	1674.9	39.6
2_Run1-Spot 54	106	59949	3.6	9.2621	1.6	4.7728	2.4	0.3206	1.9	0.76	1792.7	29.0
2_Run1-Spot 74	185	317153	1.9	9.2082	1.9	4.4133	3.0	0.2947	2.2	0.76	1665.2	32.7

TABLE DR1												
_Run2-Spot 153	74	73604	2.9	9.1513	1.9	4.8401	2.6	0.3212	1.8	0.68	1795.8	27.7
_Run3-Spot 267	119	50842	0.4	9.1256	1.5	4.7391	2.4	0.3137	1.9	0.79	1758.7	29.3
_Run2-Spot 181	358	115022	6.6	9.0904	1.5	3.9180	2.9	0.2583	2.5	0.87	1481.2	33.4
_Run3-Spot 320	303	121108	0.7	8.9125	1.4	5.0022	3.0	0.3233	2.6	0.88	1806.0	41.5
_Run1-Spot 104	143	245265	0.8	8.8659	1.4	5.2374	2.2	0.3368	1.7	0.78	1871.1	27.9
_Run3-Spot 317	145	35949	0.7	8.8396	1.7	5.2891	2.9	0.3391	2.3	0.80	1882.3	37.6
_Run2-Spot 213	167	2002987	3.6	8.7295	1.6	5.2639	5.4	0.3333	5.2	0.95	1854.2	83.7
_Run3-Spot 237	171	73393	1.1	8.7265	1.3	5.3451	2.6	0.3383	2.2	0.86	1878.4	35.7
_Run2-Spot 206	173	64219	1.6	8.6917	1.2	5.2091	3.8	0.3284	3.6	0.95	1830.5	57.9
_Run3-Spot 290	107	25348	1.6	8.5873	1.1	5.3960	2.6	0.3361	2.3	0.90	1867.7	37.3
_Run3-Spot 328	60	19861	1.4	8.5244	1.9	5.4256	4.8	0.3354	4.4	0.92	1864.7	70.9
_Run2-Spot 187	714	177261	9.0	8.4990	1.6	5.3277	3.6	0.3284	3.3	0.90	1830.6	52.3
2_Run1-Spot 19	66	36387	1.7	8.4902	1.5	5.5670	2.4	0.3428	1.9	0.79	1900.1	30.7
2_Run1-Spot 22	214	2031293	2.8	8.4356	1.8	5.6361	4.4	0.3448	4.0	0.91	1909.8	66.3
_Run2-Spot 163	91	48739	2.6	8.3658	1.1	5.7825	2.4	0.3509	2.2	0.89	1938.7	36.4
2_Run1-Spot 42	99	146035	1.6	8.3551	1.4	5.8059	2.4	0.3518	1.9	0.82	1943.3	32.5
_Run2-Spot 119	54	87445	2.4	8.3411	1.6	5.6878	2.4	0.3441	1.8	0.76	1906.3	30.1
_Run3-Spot 309	46	107787	1.7	8.2001	2.0	5.9432	2.8	0.3535	1.9	0.69	1951.1	32.7
2_Run1-Spot 38	1088	107853	4.2	7.6591	1.3	6.6924	2.6	0.3718	2.3	0.87	2037.7	39.6
_Run2-Spot 129	25	18352	1.1	6.4699	1.9	9.1186	3.1	0.4279	2.5	0.80	2296.2	48.3
2_Run1-Spot 14	52	53635	2.1	6.0951	1.4	10.4017	3.0	0.4598	2.6	0.89	2438.7	53.5
_Run3-Spot 302	222	46287	1.9	6.0795	1.3	9.7325	2.5	0.4291	2.1	0.84	2301.8	41.0
2_Run1-Spot 36	470	86847	6.2	5.9649	1.4	10.8074	3.3	0.4675	2.9	0.90	2472.8	60.3
_Run3-Spot 304	257	111590	2.0	5.9050	1.3	10.4848	3.9	0.4490	3.7	0.94	2391.0	73.0
_Run2-Spot 211	41	140850	1.4	5.7739	1.8	11.3435	3.9	0.4750	3.4	0.88	2505.6	71.1
_Run3-Spot 252	76	69740	2.2	5.6985	1.5	12.0672	3.8	0.4987	3.5	0.92	2608.4	75.3
2_Run1-Spot 49	215	103354	1.0	5.6090	1.0	11.8376	2.2	0.4816	1.9	0.88	2534.0	40.0
_Run3-Spot 270	261	63427	1.5	5.4979	1.6	12.5543	2.5	0.5006	1.9	0.78	2616.3	41.8
_Run2-Spot 149	164	158836	2.4	5.4451	1.1	12.7442	2.1	0.5033	1.7	0.84	2627.9	37.4
2_Run1-Spot 39	65	133089	1.3	5.4059	1.7	12.8752	2.7	0.5048	2.1	0.77	2634.4	44.8
_Run3-Spot 329	206	56305	1.9	5.3809	1.4	13.0857	2.6	0.5107	2.2	0.84	2659.6	48.2
2_Run1-Spot 62	100	58047	2.1	5.3795	1.7	13.3354	3.3	0.5203	2.8	0.85	2700.4	61.3
2_Run1-Spot 20	45	88765	0.4	5.3528	2.0	12.9692	2.9	0.5035	2.1	0.74	2628.8	46.2
_Run2-Spot 159	238	120206	1.1	5.3421	1.3	13.2393	2.1	0.5130	1.7	0.81	2669.2	37.7
_Run1-Spot 103	92	123710	1.8	5.3375	1.3	12.9500	4.1	0.5013	3.9	0.95	2619.4	83.7
2_Run1-Spot 65	108	257444	1.4	5.3234	1.7	12.8550	3.5	0.4963	3.1	0.87	2597.9	65.8
_Run3-Spot 282	235	110306	0.5	5.3168	1.4	13.5735	2.5	0.5234	2.2	0.85	2713.6	47.7
_Run2-Spot 182	137	104475	4.1	5.2883	1.9	12.8945	4.2	0.4946	3.8	0.89	2590.4	80.4
2_Run1-Spot 87	61	188346	0.8	5.2531	1.5	13.6023	3.1	0.5182	2.8	0.88	2691.7	60.8
2_Run1-Spot 70	256	248219	1.1	5.2528	1.5	13.9206	2.5	0.5303	2.1	0.82	2742.8	45.8
_Run2-Spot 131	135	126340	0.8	5.2238	1.7	13.8420	2.7	0.5244	2.1	0.78	2717.9	46.4
_Run2-Spot 179	125	73524	1.2	5.1583	1.5	13.7331	3.8	0.5138	3.5	0.92	2672.7	75.8
_Run3-Spot 224	519	44771	1.3	5.1040	1.1	13.5500	2.5	0.5016	2.2	0.90	2620.6	47.3
_Run3-Spot 221	102	64422	0.8	4.9820	1.4	14.5771	2.9	0.5267	2.5	0.87	2727.6	56.6

Table DR1T U-Pb geochronologic analyses SYN14-12												
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TABLE DR1												
						Isotope ratios						
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±
3_Run1-Spot 73	254	10124	1.9	20.2495	4.5	0.1208	4.9	0.0177	1.9	0.39	113.4	2.2
_Run2-Spot 215	185	7914	1.8	20.6966	3.7	0.1188	4.6	0.0178	2.7	0.60	113.9	3.1
_Run2-Spot 212	83	9864	2.5	19.3028	5.6	0.1278	6.6	0.0179	3.4	0.51	114.4	3.8
_Run2-Spot 116	1300	63989	1.4	20.3184	2.1	0.1231	2.7	0.0181	1.6	0.60	115.9	1.9
3_Run1-Spot 76	78	16000	1.9	19.5247	5.8	0.1285	6.4	0.0182	2.7	0.42	116.2	3.1
3_Run1-Spot 64	221	16164	3.9	20.6057	4.0	0.1220	4.8	0.0182	2.7	0.56	116.5	3.1
_Run2-Spot 131	265	47209	1.6	20.6025	2.9	0.1226	3.5	0.0183	2.1	0.59	117.0	2.4
_Run2-Spot 132	152	33587	2.2	21.0428	4.2	0.1217	4.7	0.0186	2.2	0.47	118.6	2.6
_Run2-Spot 119	268	10010	1.4	21.0412	3.4	0.1230	3.7	0.0188	1.6	0.43	119.9	1.9
13_Run1-Spot 6	822	49589	1.7	15.8831	9.2	0.2240	9.6	0.0258	2.6	0.27	164.2	4.2
3_Run1-Spot 68	743	252049	2.7	20.0879	2.5	0.1792	3.9	0.0261	3.0	0.77	166.2	4.9
3_Run1-Spot 86	178	13284	1.3	16.3714	3.6	0.2336	4.3	0.0277	2.5	0.58	176.4	4.3
3_Run1-Spot 96	583	113969	1.4	19.9035	2.6	0.2375	3.5	0.0343	2.3	0.67	217.3	5.0
13_Run1-Spot 1	300	41477	1.0	18.9409	2.1	0.2646	2.9	0.0364	2.0	0.69	230.2	4.6
3_Run1-Spot 43	134	36156	1.1	18.4892	3.4	0.3453	3.9	0.0463	1.9	0.48	291.8	5.3
3_Run1-Spot 79	480	142113	3.4	18.5419	1.7	0.3887	2.6	0.0523	2.0	0.75	328.5	6.3
3_Run1-Spot 71	756	28579	22.5	15.2016	2.2	0.5362	4.4	0.0591	3.8	0.87	370.3	13.7
3_Run1-Spot 74	141	28468	1.2	8.2402	3.3	0.9925	8.4	0.0593	7.7	0.92	371.5	27.8
_Run2-Spot 169	143	88565	2.9	17.1668	3.1	0.4933	4.2	0.0614	2.8	0.66	384.2	10.4
_Run2-Spot 111	258	88749	1.2	18.4133	2.4	0.4734	3.3	0.0632	2.2	0.68	395.2	8.6
_Run2-Spot 170	352	77040	5.2	18.1264	2.4	0.4853	3.4	0.0638	2.4	0.71	398.7	9.2
13_Run1-Spot 3	145	62288	3.9	17.7720	1.8	0.5192	3.6	0.0669	3.1	0.86	417.5	12.4
3_Run1-Spot 53	546	133961	1.1	17.9091	2.0	0.5206	6.5	0.0676	6.2	0.95	421.8	25.4
3_Run1-Spot 84	121	30508	0.9	18.2147	2.2	0.5199	3.1	0.0687	2.2	0.71	428.2	9.2
13_Run1-Spot 7	420	114830	1.2	18.0978	2.0	0.5239	2.7	0.0688	1.9	0.68	428.7	7.7
3_Run1-Spot 91	165	76843	2.4	17.7318	2.4	0.5833	3.1	0.0750	2.0	0.64	466.3	9.0
3_Run1-Spot 18	427	138062	8.7	17.3866	1.6	0.6223	2.7	0.0785	2.2	0.81	487.0	10.2
_Run2-Spot 204	1058	50054	4.4	16.8048	1.8	0.6563	2.4	0.0800	1.6	0.66	496.0	7.4
3_Run1-Spot 98	1061	479016	2.6	16.7768	1.7	0.6706	2.6	0.0816	1.9	0.75	505.7	9.4
3_Run1-Spot 21	223	27471	3.0	16.7527	3.0	0.6829	3.8	0.0830	2.3	0.61	513.8	11.5
3_Run1-Spot 34	63	17830	1.9	16.4362	4.2	0.7023	4.6	0.0837	1.9	0.41	518.3	9.5
_Run2-Spot 123	205	55040	2.1	17.1744	2.0	0.6858	3.0	0.0854	2.2	0.73	528.4	11.0
3_Run1-Spot 82	243	38477	0.9	16.9258	1.7	0.7196	2.4	0.0883	1.7	0.71	545.7	9.0
_Run1-Spot 101	204	63436	1.4	16.7574	1.7	0.7413	2.5	0.0901	1.7	0.71	556.1	9.3
_Run2-Spot 202	195	98468	2.1	17.0565	2.6	0.7359	3.0	0.0910	1.5	0.50	561.6	8.0
_Run2-Spot 220	129	25847	1.6	15.9012	2.2	0.8178	3.0	0.0943	2.1	0.69	581.0	11.7
_Run2-Spot 113	221	48746	0.7	16.6717	2.0	0.7814	2.8	0.0945	1.9	0.70	582.0	10.8
3_Run1-Spot 63	119	21985	4.7	16.2026	2.1	0.8151	2.6	0.0958	1.6	0.60	589.7	8.8
3_Run1-Spot 41	134	46255	0.8	16.5707	1.5	0.8028	2.8	0.0965	2.4	0.84	593.8	13.5
_Run2-Spot 213	232	84671	81.1	16.4901	2.0	0.8161	2.9	0.0976	2.0	0.70	600.3	11.4
_Run2-Spot 128	158	29983	2.0	16.8920	2.4	0.8005	3.0	0.0981	1.8	0.62	603.1	10.6
_Run2-Spot 196	102	29608	1.0	16.6962	2.8	0.8218	3.8	0.0995	2.6	0.68	611.6	15.2
_Run1-Spot 100	333	57028	0.9	15.8849	1.9	0.9153	2.6	0.1054	1.7	0.67	646.3	10.6
_Run2-Spot 199	138	45449	1.1	14.7303	2.1	1.2936	2.9	0.1382	2.1	0.70	834.5	16.1

TABLE DR1												
3_Run1-Spot 17	230	141249	1.4	14.4373	1.5	1.4664	2.5	0.1535	2.0	0.79	920.8	16.9
_Run2-Spot 146	152	172473	2.1	14.0410	1.8	1.5215	2.6	0.1549	1.9	0.73	928.6	16.5
_Run2-Spot 124	143	85168	0.6	13.8851	2.3	1.5834	3.3	0.1595	2.3	0.70	953.8	20.4
3_Run1-Spot 36	68	36191	1.6	13.8642	2.3	1.7055	2.8	0.1715	1.7	0.59	1020.3	15.8
3_Run1-Spot 48	386	75507	2.3	13.7311	1.7	1.6546	3.0	0.1648	2.5	0.82	983.3	22.8
_Run2-Spot 141	50	34740	1.4	13.4994	2.8	1.8367	4.0	0.1798	2.8	0.71	1066.0	27.6
_Run2-Spot 179	221	90004	3.2	13.4604	1.9	1.8275	3.5	0.1784	3.0	0.84	1058.3	28.9
_Run2-Spot 158	167	143115	3.2	13.4445	1.7	1.8413	2.7	0.1795	2.1	0.77	1064.5	20.3
_Run2-Spot 125	64	66341	10.9	13.3031	1.9	1.7952	3.0	0.1732	2.3	0.77	1029.7	22.2
3_Run1-Spot 95	703	104105	3.2	13.1539	1.5	1.8932	1.8	0.1806	1.0	0.55	1070.3	10.0
3_Run1-Spot 67	50	58241	1.3	13.0943	3.0	1.8813	4.0	0.1787	2.5	0.64	1059.7	24.6
3_Run1-Spot 75	360	68116	28.0	13.0187	1.6	1.9433	3.5	0.1835	3.1	0.89	1086.0	31.0
3_Run1-Spot 54	89	19600	1.3	13.0170	1.6	1.6862	2.7	0.1592	2.2	0.81	952.3	19.6
_Run2-Spot 164	93	43588	2.8	12.9879	1.7	2.0216	3.2	0.1904	2.7	0.84	1123.7	27.5
_Run2-Spot 218	668	249924	7.6	12.9692	1.3	1.9072	2.7	0.1794	2.3	0.87	1063.7	22.5
_Run1-Spot 107	212	67114	2.7	12.8905	1.4	1.9236	2.3	0.1798	1.8	0.77	1066.1	17.3
3_Run1-Spot 49	117	49559	2.2	12.8482	1.6	1.9064	2.6	0.1776	2.1	0.80	1054.1	20.6
3_Run1-Spot 27	687	169950	1.6	12.8451	1.4	1.9963	4.2	0.1860	4.0	0.94	1099.5	40.1
3_Run1-Spot 42	454	55968	7.6	12.8355	1.3	2.0452	2.3	0.1904	1.9	0.82	1123.5	19.1
3_Run1-Spot 14	149	28841	1.5	12.8112	1.6	1.8523	3.1	0.1721	2.7	0.86	1023.7	25.5
_Run2-Spot 150	49	30455	2.8	12.7958	2.5	2.0394	3.1	0.1893	1.9	0.60	1117.4	19.1
_Run2-Spot 217	351	409911	3.6	12.7213	1.4	2.1467	2.4	0.1981	1.9	0.80	1164.9	20.4
_Run2-Spot 154	196	55933	3.4	12.6998	1.4	2.0546	3.6	0.1892	3.3	0.92	1117.3	33.9
_Run2-Spot 167	333	194753	2.1	12.6468	1.6	2.0450	2.4	0.1876	1.9	0.77	1108.2	19.1
3_Run1-Spot 97	201	146993	1.2	12.4947	1.7	2.2172	2.5	0.2009	1.9	0.76	1180.3	20.7
_Run2-Spot 208	55	23404	1.9	12.4650	2.2	2.1726	3.5	0.1964	2.7	0.78	1156.0	28.9
_Run1-Spot 105	153	84277	1.5	12.4398	1.9	2.3070	2.9	0.2081	2.2	0.75	1218.9	24.4
3_Run1-Spot 16	200	99959	3.0	12.4223	1.7	2.3209	2.9	0.2091	2.4	0.83	1224.0	27.0
3_Run1-Spot 77	369	208427	1.5	12.4068	0.9	2.3203	2.0	0.2088	1.8	0.89	1222.3	20.0
_Run2-Spot 183	237	68588	12.0	12.3060	1.9	1.9055	4.1	0.1701	3.6	0.88	1012.5	33.9
_Run1-Spot 104	191	86292	2.6	12.1741	1.2	2.4063	2.7	0.2125	2.4	0.89	1241.9	27.1
3_Run1-Spot 30	116	61649	1.8	12.1415	1.7	2.4803	3.2	0.2184	2.8	0.85	1273.5	31.8
_Run2-Spot 174	108	231568	2.0	12.0899	1.7	2.3435	4.0	0.2055	3.6	0.90	1204.7	39.2
3_Run1-Spot 59	534	110069	1.5	12.0112	1.1	2.1205	4.5	0.1847	4.3	0.97	1092.7	43.7
3_Run1-Spot 45	300	128428	2.4	11.9449	1.1	2.4495	2.8	0.2122	2.6	0.93	1240.6	29.7
3_Run1-Spot 35	195	122392	1.4	11.9234	1.7	2.3898	2.5	0.2067	1.8	0.73	1211.0	19.9
_Run2-Spot 191	581	228098	2.5	11.8488	1.4	2.2795	2.7	0.1959	2.3	0.85	1153.2	24.1
3_Run1-Spot 66	119	47452	2.1	11.8149	1.9	2.6243	2.8	0.2249	2.0	0.73	1307.6	23.9
_Run2-Spot 161	31	27251	0.8	11.8040	2.9	2.6309	4.6	0.2252	3.6	0.78	1309.5	42.5
3_Run1-Spot 69	91	48673	3.1	11.7488	1.8	2.6428	3.0	0.2252	2.4	0.80	1309.3	28.8
_Run2-Spot 149	156	89094	1.5	11.7112	1.2	2.6105	2.3	0.2217	1.9	0.85	1291.0	22.7
3_Run1-Spot 37	33	24217	1.1	11.5774	2.4	2.4633	3.5	0.2068	2.6	0.74	1211.9	28.5
_Run2-Spot 209	42	28107	1.9	11.5563	1.7	2.5923	2.9	0.2173	2.4	0.82	1267.4	27.6
_Run2-Spot 151	132	195321	1.8	11.5486	1.4	2.8825	2.1	0.2414	1.6	0.76	1394.2	20.0
_Run2-Spot 112	50	43710	2.8	11.4563	2.4	2.8999	4.2	0.2410	3.5	0.83	1391.6	43.8
3_Run1-Spot 13	135	192299	1.9	11.2847	1.3	2.9800	2.4	0.2439	1.9	0.83	1406.9	24.6

TABLE DR1												
_Run2-Spot 133	273	201198	1.6	11.2410	1.2	2.8781	3.4	0.2346	3.2	0.94	1358.8	39.6
3_Run1-Spot 89	121	69834	4.5	11.2107	1.8	2.9755	3.2	0.2419	2.7	0.83	1396.7	33.7
3_Run1-Spot 20	202	39850	2.7	11.1920	1.3	2.9094	2.5	0.2362	2.0	0.84	1366.7	25.2
_Run2-Spot 152	265	81619	1.8	11.1080	1.3	2.8896	3.0	0.2328	2.7	0.90	1349.1	33.3
3_Run1-Spot 92	147	61291	2.5	10.8930	1.8	3.2224	2.3	0.2546	1.4	0.61	1462.1	18.4
3_Run1-Spot 38	260	116038	1.3	10.8464	2.1	2.8284	4.2	0.2225	3.7	0.87	1295.1	43.1
3_Run1-Spot 99	148	61497	1.9	10.8070	1.2	3.3482	4.2	0.2624	4.0	0.96	1502.3	54.1
_Run2-Spot 184	459	53153	4.4	10.7292	1.4	2.9471	2.6	0.2293	2.2	0.84	1331.0	26.4
3_Run1-Spot 58	315	171329	1.9	10.7144	1.7	3.3664	2.7	0.2616	2.1	0.78	1498.0	27.8
_Run2-Spot 180	292	118437	2.3	10.6959	1.3	3.3338	2.5	0.2586	2.2	0.86	1482.8	28.8
_Run2-Spot 211	157	59448	2.5	10.6347	1.7	3.3818	2.5	0.2608	1.8	0.73	1494.1	24.1
3_Run1-Spot 33	192	143430	2.1	10.6168	1.3	3.4962	2.2	0.2692	1.8	0.82	1536.8	25.1
_Run2-Spot 166	248	128707	1.4	10.4935	1.5	3.2856	3.0	0.2501	2.6	0.87	1438.7	34.1
3_Run1-Spot 55	272	116850	1.3	10.4452	1.9	3.5204	2.9	0.2667	2.2	0.76	1524.0	30.0
3_Run1-Spot 93	541	122983	2.1	10.4359	1.4	3.1591	2.2	0.2391	1.7	0.77	1382.0	21.4
3_Run1-Spot 65	138	59288	2.0	10.3964	2.0	3.4483	3.0	0.2600	2.2	0.74	1489.9	29.3
_Run2-Spot 172	241	255221	0.7	10.3627	1.8	3.2761	5.1	0.2462	4.8	0.94	1419.0	60.9
_Run2-Spot 118	106	28383	1.0	10.3004	2.0	3.0979	3.1	0.2314	2.4	0.77	1342.0	28.6
3_Run1-Spot 24	112	34541	1.1	10.2860	2.2	3.2798	3.0	0.2447	2.1	0.70	1411.0	27.1
_Run2-Spot 138	370	131780	1.8	10.1701	1.1	2.9923	2.9	0.2207	2.7	0.93	1285.7	31.6
3_Run1-Spot 70	90	31021	1.0	10.1489	1.6	3.7224	3.4	0.2740	3.1	0.89	1561.0	42.4
_Run2-Spot 144	279	249423	0.9	10.1035	1.2	3.8007	4.7	0.2785	4.6	0.97	1583.8	64.6
3_Run1-Spot 90	106	99886	1.2	10.0980	1.5	3.8214	2.5	0.2799	2.0	0.81	1590.7	28.5
_Run2-Spot 176	322	656798	2.5	10.0797	1.4	3.8098	2.1	0.2785	1.5	0.74	1583.9	21.6
_Run2-Spot 203	51	70823	1.4	10.0568	1.8	3.8188	2.8	0.2785	2.1	0.75	1584.0	29.7
_Run2-Spot 186	237	143794	13.7	10.0144	1.4	3.9302	3.0	0.2855	2.6	0.88	1618.8	37.9
_Run2-Spot 159	501	169890	2.0	9.9940	1.2	3.3961	2.0	0.2462	1.6	0.79	1418.7	20.4
3_Run1-Spot 31	348	148753	1.2	9.9601	1.4	3.1482	2.8	0.2274	2.5	0.88	1320.9	29.6
_Run2-Spot 163	362	176379	1.2	9.9594	1.0	3.9048	3.0	0.2821	2.8	0.94	1601.7	40.4
_Run2-Spot 122	404	155115	2.8	9.9543	1.4	4.0718	2.9	0.2940	2.5	0.87	1661.3	36.8
_Run2-Spot 147	61	230501	1.9	9.9531	1.6	3.9229	2.5	0.2832	2.0	0.78	1607.4	27.9
3_Run1-Spot 81	69	105776	1.2	9.9479	1.5	3.9427	2.1	0.2845	1.5	0.69	1613.8	21.0
_Run2-Spot 194	364	126693	1.4	9.9442	1.6	3.9810	2.6	0.2871	2.1	0.80	1627.1	30.0
13_Run1-Spot 5	406	361310	1.5	9.9432	1.5	3.9580	3.4	0.2854	3.1	0.90	1618.7	44.0
3_Run1-Spot 32	72	55782	1.6	9.9207	1.4	4.0252	2.1	0.2896	1.5	0.73	1639.6	21.6
_Run2-Spot 156	159	126165	1.4	9.9095	1.5	3.9283	2.7	0.2823	2.3	0.83	1603.1	32.0
3_Run1-Spot 80	66	117961	1.1	9.8895	1.8	4.0372	2.7	0.2896	2.0	0.73	1639.4	28.3
13_Run1-Spot 4	257	121293	1.4	9.8563	1.3	3.6615	5.7	0.2617	5.5	0.97	1498.7	73.5
_Run1-Spot 106	192	67747	1.8	9.8516	1.2	4.0541	2.2	0.2897	1.8	0.82	1639.9	25.6
_Run2-Spot 187	225	92750	1.8	9.8416	1.2	3.3442	2.2	0.2387	1.9	0.85	1379.9	23.7
_Run2-Spot 115	193	80414	1.4	9.8353	1.6	3.9969	2.2	0.2851	1.5	0.67	1617.0	20.9
_Run2-Spot 121	247	135959	2.3	9.7408	1.5	4.1238	2.8	0.2913	2.3	0.84	1648.2	34.1
_Run2-Spot 173	822	234062	2.5	9.7394	1.0	3.8275	2.1	0.2704	1.8	0.88	1542.7	25.4
_Run2-Spot 157	362	83526	1.4	9.7051	1.3	3.7065	4.4	0.2609	4.2	0.95	1494.4	55.7
_Run2-Spot 136	116	39417	1.4	9.7014	2.3	3.9161	3.2	0.2755	2.2	0.70	1568.8	31.1
_Run2-Spot 137	241	118934	1.4	9.5846	1.4	3.6203	4.0	0.2517	3.7	0.93	1447.0	48.5

TABLE DR1												
_Run2-Spot 160	282	151856	1.4	9.5756	1.4	4.1863	3.1	0.2907	2.7	0.89	1645.2	39.7
_Run2-Spot 219	205	57464	1.3	9.5688	1.6	4.3852	2.2	0.3043	1.5	0.70	1712.8	23.2
_Run2-Spot 205	411	62501	1.4	9.5427	1.7	3.4743	2.5	0.2405	1.8	0.73	1389.1	23.1
3_Run1-Spot 52	181	69265	1.6	9.5276	1.4	4.4575	4.3	0.3080	4.0	0.95	1730.9	61.4
_Run2-Spot 162	154	173944	2.0	9.5212	1.1	4.3643	2.3	0.3014	2.0	0.87	1698.1	29.3
_Run2-Spot 140	645	151085	3.5	9.5110	1.3	4.2415	2.4	0.2926	2.0	0.83	1654.4	28.6
3_Run1-Spot 10	502	87070	4.2	9.3963	1.5	4.5255	2.8	0.3084	2.4	0.85	1732.9	36.2
_Run1-Spot 102	55	40646	0.9	9.2812	1.7	4.0409	4.7	0.2720	4.4	0.94	1551.0	61.1
_Run2-Spot 185	125	167541	1.2	9.2681	1.2	4.4495	2.6	0.2991	2.3	0.89	1686.8	34.7
3_Run1-Spot 85	325	207505	1.9	9.2487	1.3	4.5770	2.5	0.3070	2.2	0.86	1726.0	33.1
_Run2-Spot 206	224	65980	2.1	9.2016	1.3	4.7585	2.6	0.3176	2.2	0.85	1777.8	34.3
3_Run1-Spot 57	190	171361	1.6	9.1205	1.3	4.8381	2.3	0.3200	1.9	0.82	1789.9	30.3
_Run1-Spot 108	316	76662	2.2	9.0613	1.5	4.8479	2.3	0.3186	1.7	0.75	1782.9	27.1
_Run2-Spot 142	177	240586	2.5	8.9883	1.1	4.7840	2.9	0.3119	2.7	0.93	1749.9	40.8
_Run2-Spot 171	1231	105702	14.4	8.9007	1.0	4.0907	1.6	0.2641	1.3	0.80	1510.6	17.4
_Run2-Spot 189	271	163999	2.2	8.8416	1.5	5.0920	3.2	0.3265	2.9	0.89	1821.5	45.5
_Run2-Spot 192	159	123475	4.5	8.8362	1.5	5.0319	2.7	0.3225	2.3	0.83	1801.8	35.7
_Run2-Spot 210	738	161231	4.1	8.6974	1.2	4.3149	2.4	0.2722	2.0	0.86	1551.9	28.1
3_Run1-Spot 61	197	919056	1.4	8.6305	1.6	5.3010	2.4	0.3318	1.8	0.73	1847.1	28.3
_Run2-Spot 200	50	131166	1.6	8.5098	1.4	4.9186	2.0	0.3036	1.5	0.71	1709.0	21.8
13_Run1-Spot 9	410	262564	2.5	8.3029	1.2	5.7296	2.0	0.3450	1.6	0.79	1910.8	26.6
_Run2-Spot 182	137	49400	2.7	8.2026	1.7	5.5637	2.6	0.3310	2.0	0.77	1843.2	32.2
_Run1-Spot 103	246	216795	1.9	8.1818	1.4	5.9018	2.9	0.3502	2.5	0.88	1935.6	42.1
_Run2-Spot 214	358	227276	1.3	8.1557	1.5	5.7934	2.6	0.3427	2.2	0.81	1899.6	35.4
_Run2-Spot 120	140	96649	1.8	8.0071	1.1	6.4641	2.0	0.3754	1.6	0.84	2054.7	28.7
_Run1-Spot 109	52	63031	2.7	7.3425	1.3	7.7084	2.5	0.4105	2.1	0.85	2217.2	40.3
_Run2-Spot 175	124	55309	2.8	7.0598	1.2	7.2108	2.5	0.3692	2.2	0.88	2025.7	37.7
3_Run1-Spot 40	196	124413	1.9	6.9243	0.8	6.7409	4.0	0.3385	3.9	0.98	1879.6	63.6
3_Run1-Spot 44	71	41028	1.4	6.8936	1.7	8.3247	2.6	0.4162	2.0	0.76	2243.2	37.4
3_Run1-Spot 12	153	168746	1.7	6.0164	2.1	11.0067	3.2	0.4803	2.4	0.76	2528.5	50.8
_Run2-Spot 135	230	149949	0.5	5.7813	1.5	10.5482	2.3	0.4423	1.8	0.76	2360.9	34.6
3_Run1-Spot 83	296	61262	1.3	5.4862	1.2	11.8627	2.4	0.4720	2.1	0.87	2492.4	43.0
_Run2-Spot 168	87	52283	0.6	5.4753	1.4	12.4064	2.6	0.4927	2.2	0.83	2582.2	46.2
_Run2-Spot 201	204	109471	1.9	5.4269	1.2	12.8558	2.6	0.5060	2.3	0.88	2639.5	49.6
_Run2-Spot 127	177	207864	2.1	5.3842	1.7	13.2099	2.7	0.5158	2.1	0.78	2681.5	46.4
_Run2-Spot 153	94	149086	1.0	5.3514	1.5	13.2946	3.2	0.5160	2.8	0.88	2682.2	61.2
_Run2-Spot 129	145	182621	1.3	5.3115	1.0	12.7746	4.5	0.4921	4.4	0.97	2579.8	92.5
3_Run1-Spot 11	38	172466	1.6	4.9425	1.4	15.7361	3.2	0.5641	2.9	0.90	2883.5	67.7
_Run2-Spot 197	273	50394	3.0	4.9031	1.4	15.2573	2.2	0.5426	1.6	0.75	2794.1	36.9
_Run2-Spot 181	471	150989	14.9	4.8602	1.0	14.5103	2.1	0.5115	1.8	0.88	2662.9	39.5
3_Run1-Spot 56	197	223553	0.5	4.4731	1.2	16.1014	3.7	0.5224	3.5	0.95	2709.2	78.2
3_Run1-Spot 51	420	194527	0.9	3.6965	1.7	22.8295	2.8	0.6121	2.2	0.79	3078.2	53.6

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
129.9	30.0	-403.2	638.6	160.7	7.3	NA
164.7	10.3	220.1	147.4	160.9	3.8	NA
165.9	2.9	143.5	36.9	167.4	1.7	NA
159.7	22.6	2.4	366.1	170.5	3.5	NA
229.6	28.3	51.1	325.3	247.3	5.3	NA
254.6	5.8	257.8	53.1	254.3	2.8	NA
267.6	13.6	375.5	126.2	255.5	3.7	NA
253.1	4.8	220.7	33.8	256.7	4.0	NA
261.3	7.4	288.3	63.4	258.3	4.1	NA
288.2	8.7	283.5	68.6	288.8	4.9	NA
295.3	4.7	267.8	20.9	298.8	4.6	NA
305.8	5.6	293.0	30.9	307.4	4.9	NA
318.1	21.9	341.2	172.0	314.9	7.9	NA
335.1	23.0	426.5	174.4	322.1	6.2	NA
372.7	8.4	392.6	50.0	369.5	5.4	NA
381.9	10.9	393.0	70.7	380.0	5.0	NA
385.4	29.3	415.8	194.6	380.3	10.2	NA
383.2	18.5	365.0	127.9	386.2	4.6	NA
384.6	9.5	368.1	59.4	387.4	5.1	NA
413.3	6.9	421.1	31.6	411.8	5.8	97.8
422.9	6.8	416.1	34.5	424.1	5.1	101.9
422.6	12.7	388.8	71.8	428.8	7.4	110.3
454.9	5.9	446.6	18.7	456.6	6.0	102.2
473.1	18.0	520.2	100.3	463.4	6.0	89.1
464.5	12.9	444.3	67.6	468.6	7.4	105.5
496.9	14.1	521.6	75.0	491.5	5.3	94.2
495.4	29.3	389.9	135.9	518.6	21.9	133.0
520.5	16.4	508.1	85.7	523.3	5.3	103.0
550.4	6.0	543.3	23.0	552.1	5.1	101.6
556.8	6.5	562.0	17.7	555.5	6.8	98.8
548.7	23.9	518.5	119.5	556.0	7.8	107.2
562.7	6.3	558.9	9.4	563.6	7.6	100.8
576.2	16.7	537.8	66.1	586.0	12.9	109.0
619.0	18.8	647.4	77.5	611.3	10.9	94.4
638.8	27.3	631.8	115.6	640.8	12.8	101.4
651.5	29.4	656.7	122.2	650.0	13.9	99.0
1019.1	17.9	1000.5	49.8	1000.5	49.8	102.7
1002.5	8.0	1014.5	12.2	1014.5	12.2	98.3
1022.3	10.1	1017.9	7.4	1017.9	7.4	100.6
1020.4	16.2	1019.8	31.7	1019.8	31.7	100.1
1035.3	9.3	1023.8	13.2	1023.8	13.2	101.7
1032.4	17.3	1025.2	42.5	1025.2	42.5	101.0

1042.7	13.8	1030.1	27.7	1030.1	27.7	101.8
1045.0	25.5	1043.2	38.8	1043.2	38.8	100.2
1064.6	16.3	1045.0	39.2	1045.0	39.2	102.8
1056.4	23.5	1052.1	34.9	1052.1	34.9	100.6
1070.2	10.4	1071.3	22.3	1071.3	22.3	99.8
1084.7	11.5	1075.9	12.7	1075.9	12.7	101.2
1052.8	14.7	1111.0	25.1	1111.0	25.1	92.3
1115.0	15.9	1111.6	31.5	1111.6	31.5	100.5
1118.3	28.9	1123.5	81.0	1123.5	81.0	99.3
1128.0	15.7	1125.4	22.1	1125.4	22.1	100.4
1146.5	9.1	1134.5	10.6	1134.5	10.6	101.6
1146.2	15.5	1154.1	31.0	1154.1	31.0	99.0
1147.6	10.8	1156.5	9.2	1156.5	9.2	98.8
1172.0	19.7	1156.9	46.2	1156.9	46.2	102.0
1175.4	11.8	1173.6	14.5	1173.6	14.5	100.2
1162.1	15.5	1211.4	13.2	1211.4	13.2	93.8
1226.1	19.9	1234.5	36.4	1234.5	36.4	98.9
1251.7	12.1	1237.8	5.4	1237.8	5.4	101.8
1117.5	25.0	1260.7	24.4	1260.7	24.4	82.9
1320.7	21.0	1297.3	48.0	1297.3	48.0	102.9
1297.9	67.5	1345.1	146.2	1345.1	146.2	94.4
1348.7	16.2	1354.0	28.0	1354.0	28.0	99.4
1359.8	19.9	1371.6	37.1	1371.6	37.1	98.6
1339.9	15.5	1389.5	27.7	1389.5	27.7	94.2
1472.9	21.0	1433.0	24.6	1433.0	24.6	104.7
1446.0	10.7	1439.3	10.5	1439.3	10.5	100.8
1454.7	12.3	1441.4	24.3	1441.4	24.3	101.5
1474.0	13.3	1467.5	14.8	1467.5	14.8	100.8
1498.4	10.9	1492.5	2.6	1492.5	2.6	100.7
1597.0	13.5	1590.1	10.3	1590.1	10.3	100.8
1635.9	21.4	1626.4	19.2	1626.4	19.2	101.0
1651.7	12.3	1629.2	6.5	1629.2	6.5	102.5
1480.3	18.9	1631.1	4.6	1631.1	4.6	84.4
1663.7	12.6	1650.1	14.3	1650.1	14.3	101.5
1665.8	16.4	1657.8	16.1	1657.8	16.1	100.9
1673.0	9.4	1658.6	3.1	1658.6	3.1	101.6
1656.3	19.3	1666.0	31.2	1666.0	31.2	99.0
1742.4	13.2	1742.6	16.9	1742.6	16.9	100.0
1754.8	9.8	1745.6	13.0	1745.6	13.0	101.0
1768.0	8.1	1757.7	3.4	1757.7	3.4	101.1
1771.5	14.0	1760.1	17.4	1760.1	17.4	101.2
1802.2	22.9	1790.7	31.9	1790.7	31.9	101.2
1824.3	10.7	1802.6	7.7	1802.6	7.7	102.3
1891.8	14.2	1897.9	3.5	1897.9	3.5	99.4
1952.2	12.6	1927.6	12.6	1927.6	12.6	102.5
1851.8	13.6	1959.0	8.6	1959.0	8.6	89.7

1972.6	13.7	1965.8	4.3	1965.8	4.3	100.7
1983.0	10.7	1990.4	11.1	1990.4	11.1	99.3
2401.6	39.4	2386.4	46.6	2386.4	46.6	101.4
2590.4	15.3	2593.0	4.5	2593.0	4.5	99.8
2720.9	14.1	2693.6	2.8	2693.6	2.8	102.4
2822.4	17.8	2830.5	5.3	2830.5	5.3	99.3
2871.8	12.4	2838.0	5.4	2838.0	5.4	102.9
3096.4	69.7	3119.7	18.4	3119.7	18.4	98.1

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
107.6	17.0	321.2	250.3	98.2	12.1	NA
106.7	4.9	156.8	89.5	104.4	3.0	NA
118.8	15.9	393.8	308.0	105.5	4.0	NA
113.0	17.7	261.6	373.9	106.1	3.5	NA
105.6	11.7	52.8	275.5	108.0	1.8	NA
104.5	9.4	13.5	225.0	108.6	1.9	NA
121.2	12.2	353.0	226.8	109.7	4.1	NA
110.3	4.1	119.3	84.3	109.9	1.7	NA
110.4	9.1	94.9	190.1	111.2	3.8	NA
110.4	11.5	-21.3	256.9	116.6	3.5	NA
101.1	30.4	-334.6	826.8	120.5	3.0	NA
113.7	13.2	-62.5	287.4	122.3	4.3	NA
120.9	10.0	84.5	205.7	122.7	1.4	NA
142.6	4.8	116.3	81.6	144.2	1.5	NA
147.8	12.3	119.1	203.1	149.6	3.6	NA
151.8	30.7	166.9	497.8	150.9	7.9	NA
172.2	15.3	427.5	211.6	154.1	2.7	NA
157.7	11.2	191.7	137.5	155.4	7.4	NA
152.6	12.2	23.9	195.8	161.0	4.6	NA
160.4	6.8	147.2	97.5	161.3	3.0	NA
166.4	5.1	228.8	66.1	162.0	2.8	NA
166.3	4.9	150.0	69.9	167.5	1.8	NA
172.4	13.0	233.2	179.3	168.0	4.5	NA
180.6	15.4	314.5	207.8	170.6	3.2	NA
142.0	30.5	-317.8	581.0	170.9	8.8	NA
175.6	6.2	220.9	76.7	172.3	3.3	NA
189.1	53.7	402.8	707.7	172.4	6.1	NA
168.3	7.7	93.9	113.4	173.6	2.4	NA
174.6	8.5	185.5	111.1	173.8	3.9	NA
176.4	3.7	153.8	48.5	178.0	1.8	NA
179.9	6.1	171.4	81.6	180.5	2.2	NA
182.9	12.1	197.7	162.8	181.8	3.2	NA
196.6	8.2	248.3	65.4	192.4	6.8	NA

259.0	22.3	426.5	199.8	240.9	9.2	NA
328.0	43.1	510.2	336.2	303.0	6.1	NA
304.4	10.3	279.7	80.9	307.7	5.2	NA
360.3	15.5	332.0	111.5	364.7	4.8	NA
373.9	13.5	413.0	84.0	367.6	7.7	NA
394.7	6.0	390.4	32.0	395.5	4.4	NA
409.4	6.1	386.6	30.6	413.4	4.7	106.9
418.3	9.1	423.0	39.5	417.4	8.0	98.7
413.6	17.5	376.1	114.0	420.3	3.5	111.8
403.2	39.6	298.2	264.9	421.7	11.0	141.4
431.2	14.1	419.0	64.1	433.5	11.8	103.5
438.1	19.0	458.0	110.4	434.4	8.1	94.8
438.1	9.1	450.3	39.2	435.8	7.8	96.8
435.0	21.0	416.3	125.8	438.5	8.0	105.3
444.9	20.1	466.2	87.0	440.7	16.8	94.5
444.4	14.3	435.7	67.3	446.1	11.1	102.4
473.8	11.8	495.6	56.0	469.3	8.2	94.7
561.2	10.5	821.1	42.5	499.2	6.4	60.8
561.8	10.9	575.3	44.4	558.4	7.9	97.1
553.6	17.2	529.3	74.2	559.6	11.7	105.7
575.8	20.3	590.6	86.8	572.1	12.6	96.9
600.7	28.5	589.4	129.7	603.7	11.3	102.4
609.3	7.4	607.3	24.5	609.9	6.6	100.4
613.3	8.2	606.6	28.5	615.0	7.0	101.4
619.9	11.1	610.4	42.3	622.5	8.1	102.0
642.4	37.4	676.8	160.4	632.7	13.9	93.5
1019.3	11.8	1020.4	31.0	1020.4	31.0	99.8
1027.7	14.9	1022.3	18.9	1022.3	18.9	100.8
1013.2	48.3	1026.2	142.4	1026.2	142.4	98.1
1041.6	15.3	1040.8	31.3	1040.8	31.3	100.1
1026.3	17.9	1045.3	52.8	1045.3	52.8	97.3
1081.2	21.8	1050.4	45.7	1050.4	45.7	104.4
1064.4	14.1	1054.9	29.8	1054.9	29.8	101.3
1072.6	18.7	1056.7	18.1	1056.7	18.1	102.3
1066.3	8.1	1062.5	14.6	1062.5	14.6	100.5
1084.8	14.1	1074.1	29.1	1074.1	29.1	101.5
1069.9	14.9	1079.5	18.5	1079.5	18.5	98.7
1069.3	8.2	1082.1	13.2	1082.1	13.2	98.2
1097.5	7.6	1089.0	12.3	1089.0	12.3	101.2
1132.2	19.3	1106.2	34.7	1106.2	34.7	103.6
1104.8	25.3	1114.6	59.5	1114.6	59.5	98.7
1136.1	23.6	1116.1	45.0	1116.1	45.0	102.7
1107.9	12.9	1120.8	4.2	1120.8	4.2	98.3
1123.3	20.7	1130.7	14.0	1130.7	14.0	99.0
1142.9	13.3	1132.5	12.4	1132.5	12.4	101.4
1143.0	12.8	1147.3	7.5	1147.3	7.5	99.4

1153.9	18.7	1166.7	22.0	1166.7	22.0	98.3
1182.4	13.8	1169.2	18.3	1169.2	18.3	101.8
1184.3	28.9	1183.7	23.8	1183.7	23.8	100.1
1182.9	9.9	1183.9	19.6	1183.9	19.6	99.9
1122.9	32.6	1190.7	60.2	1190.7	60.2	91.4
1229.6	16.1	1215.8	11.0	1215.8	11.0	101.8
1217.2	28.1	1219.8	22.1	1219.8	22.1	99.7
1233.5	26.1	1259.0	57.9	1259.0	57.9	96.8
1310.8	22.0	1337.1	30.3	1337.1	30.3	96.8
1328.7	18.1	1338.5	39.9	1338.5	39.9	98.8
1355.3	19.0	1368.5	12.6	1368.5	12.6	98.4
1393.8	11.4	1389.7	20.0	1389.7	20.0	100.5
1366.5	10.1	1390.2	13.4	1390.2	13.4	97.2
1459.5	19.6	1441.8	14.2	1441.8	14.2	102.1
1457.1	26.9	1465.8	62.6	1465.8	62.6	99.0
1576.2	28.8	1576.2	11.0	1576.2	11.0	100.0
1588.1	8.3	1626.1	4.1	1626.1	4.1	95.9
1706.4	10.7	1706.2	12.1	1706.2	12.1	100.0
1748.8	13.6	1783.6	3.1	1783.6	3.1	96.4
1812.6	10.0	1806.8	5.3	1806.8	5.3	100.6
1840.5	14.8	1816.7	18.3	1816.7	18.3	102.5
1836.5	7.0	1826.8	6.3	1826.8	6.3	101.0
1814.8	27.2	1854.3	6.0	1854.3	6.0	96.0
1881.6	15.3	1938.9	4.4	1938.9	4.4	94.4
2099.3	21.8	2094.1	36.6	2094.1	36.6	100.5
2535.1	11.9	2531.6	12.2	2531.6	12.2	100.3
2766.4	18.0	2775.4	7.3	2775.4	7.3	99.2
2843.9	19.7	2855.4	1.6	2855.4	1.6	99.0
2955.0	91.3	2971.5	12.5	2971.5	12.5	98.6

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
111.2	4.5	97.5	96.4	111.8	1.4	NA
180.7	5.2	167.7	65.0	181.7	2.5	NA
267.7	10.0	272.7	70.9	267.2	7.6	NA
312.7	9.2	303.5	70.7	314.0	4.5	NA
382.9	10.5	366.0	47.4	385.7	9.5	NA
430.3	5.0	458.5	22.2	425.0	4.1	92.7
435.5	13.9	419.6	84.2	438.5	4.5	104.5
442.1	48.4	420.9	296.3	446.2	11.7	106.0
456.2	5.2	448.2	16.2	457.8	5.3	102.1
471.2	12.3	506.7	66.0	464.0	5.6	91.6
500.5	10.5	489.2	44.5	503.0	8.4	102.8
492.8	28.9	382.2	154.9	516.9	13.6	135.2

602.1	10.5	593.4	34.2	604.4	9.7	101.9
606.9	14.2	605.3	11.9	607.3	17.7	100.3
627.2	20.1	635.9	86.1	624.8	9.2	98.3
634.9	7.0	624.1	17.3	637.9	7.5	102.2
645.4	15.3	642.1	54.2	646.4	12.1	100.7
656.9	12.5	647.4	42.4	659.6	10.6	101.9
950.3	17.4	957.7	33.8	957.7	33.8	98.9
944.0	21.0	964.4	33.3	964.4	33.3	97.0
991.5	8.4	974.0	22.1	974.0	22.1	102.6
1016.2	36.1	985.0	50.2	985.0	50.2	104.6
1031.6	10.3	1022.6	19.1	1022.6	19.1	101.3
1047.8	11.0	1025.2	24.7	1025.2	24.7	103.3
1032.8	10.4	1034.5	21.3	1034.5	21.3	99.7
1061.9	7.6	1043.5	14.0	1043.5	14.0	102.6
1076.9	18.6	1043.8	48.1	1043.8	48.1	104.7
1062.8	7.6	1044.9	9.2	1044.9	9.2	102.6
1076.8	14.3	1055.6	20.2	1055.6	20.2	103.0
1069.7	16.4	1060.4	14.6	1060.4	14.6	101.3
1075.8	13.7	1064.4	28.8	1064.4	28.8	101.6
1081.5	10.2	1065.3	23.6	1065.3	23.6	102.3
1077.1	28.7	1079.6	81.5	1079.6	81.5	99.7
1089.9	13.0	1085.4	30.9	1085.4	30.9	100.6
1122.6	21.3	1094.3	57.4	1094.3	57.4	103.9
1107.2	21.5	1096.1	54.7	1096.1	54.7	101.5
1079.2	18.2	1097.7	34.1	1097.7	34.1	97.5
1100.4	19.8	1113.2	31.1	1113.2	31.1	98.3
1105.3	61.4	1143.6	89.7	1143.6	89.7	95.0
1219.0	28.3	1188.8	70.6	1188.8	70.6	104.0
1192.8	16.7	1189.2	34.2	1189.2	34.2	100.5
1228.3	12.3	1192.5	8.6	1192.5	8.6	104.7
1217.4	17.3	1220.8	28.7	1220.8	28.7	99.6
1290.3	23.0	1325.2	54.2	1325.2	54.2	95.8
1329.0	19.4	1329.5	37.5	1329.5	37.5	99.9
1388.7	9.4	1376.5	11.7	1376.5	11.7	101.5
1519.4	13.5	1505.0	18.4	1505.0	18.4	101.6
1539.9	8.7	1509.9	2.7	1509.9	2.7	103.4
1509.9	7.1	1511.7	6.6	1511.7	6.6	99.8
1560.5	13.8	1517.7	7.1	1517.7	7.1	104.9
1651.0	10.1	1626.9	5.2	1626.9	5.2	102.7
1647.7	16.9	1630.5	34.4	1630.5	34.4	101.9
1656.0	15.9	1638.6	16.9	1638.6	16.9	101.9
1648.5	11.5	1640.6	11.4	1640.6	11.4	100.9
1668.6	19.3	1643.2	8.7	1643.2	8.7	102.8
1668.2	22.6	1645.1	6.2	1645.1	6.2	102.5
1663.9	12.8	1646.2	18.4	1646.2	18.4	101.9
1648.5	21.0	1657.0	12.9	1657.0	12.9	99.1

1692.7	25.6	1665.0	10.4	1665.0	10.4	103.0
1689.3	33.4	1666.6	20.3	1666.6	20.3	102.5
1685.1	11.4	1676.2	10.4	1676.2	10.4	101.0
1693.0	21.5	1713.9	29.3	1713.9	29.3	97.8
1801.3	17.5	1783.4	19.0	1783.4	19.0	101.9
1746.5	18.1	1785.1	9.7	1785.1	9.7	96.0
1804.7	39.4	1797.4	11.1	1797.4	11.1	100.8
1799.4	12.3	1802.8	5.0	1802.8	5.0	99.7
1823.3	7.2	1806.8	8.0	1806.8	8.0	101.7
1846.4	13.7	1823.5	12.7	1823.5	12.7	102.4
1850.5	33.7	1856.8	25.2	1856.8	25.2	99.4
1897.2	5.9	1883.1	5.5	1883.1	5.5	101.4
1931.0	15.8	1917.6	6.7	1917.6	6.7	101.4
2048.0	14.5	2024.5	9.6	2024.5	9.6	102.3
2089.3	19.8	2079.7	4.2	2079.7	4.2	100.9
2062.2	12.5	2164.6	2.9	2164.6	2.9	90.6
2573.1	25.7	2553.7	17.6	2553.7	17.6	101.7
2654.4	20.7	2624.1	4.3	2624.1	4.3	102.7
2728.8	11.6	2708.1	2.8	2708.1	2.8	101.8
2753.7	15.8	2714.3	11.6	2714.3	11.6	103.4
2642.3	24.9	2716.1	4.9	2716.1	4.9	93.8
2740.2	10.6	2736.5	3.6	2736.5	3.6	100.3
2911.8	30.6	2888.4	7.4	2888.4	7.4	102.0

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
93.3	9.1	-63.8	246.9	99.5	1.4	NA
157.5	4.4	250.2	56.1	151.4	2.6	NA
156.8	6.5	178.5	95.5	155.4	2.7	NA
156.8	4.1	140.2	40.5	157.9	3.5	NA
162.2	18.1	205.5	277.3	159.2	3.3	NA
157.5	4.4	131.6	55.5	159.2	3.0	NA
161.3	7.7	169.1	107.8	160.7	3.6	NA
160.2	7.1	131.6	100.3	162.1	3.5	NA
164.2	4.6	193.8	34.7	162.2	4.3	NA
224.5	11.9	181.7	131.7	228.6	3.8	NA
286.1	75.9	785.0	629.2	228.8	17.8	NA
224.6	50.5	83.3	592.1	238.3	10.7	NA
238.2	14.9	212.8	154.8	240.8	5.0	NA
243.5	12.5	190.8	108.4	249.0	8.2	NA
290.5	18.5	366.9	151.1	281.1	8.2	NA
283.9	10.8	257.8	83.9	287.1	6.7	NA
307.5	14.8	271.2	109.3	312.4	8.9	NA
414.2	16.6	370.8	96.0	422.0	9.8	113.8

431.0	29.8	448.1	179.1	427.8	11.0	95.5
442.0	28.9	473.2	171.9	436.0	9.4	92.1
546.6	69.5	953.8	333.8	454.0	11.1	47.6
465.5	13.9	433.0	51.5	472.1	13.4	109.0
487.3	15.7	509.6	87.3	482.6	4.0	94.7
484.5	15.7	458.6	76.4	490.0	10.3	106.8
526.2	10.6	485.2	47.3	535.7	7.5	110.4
537.4	32.1	533.1	147.8	538.5	19.1	101.0
585.6	17.2	580.0	78.2	587.0	7.8	101.2
603.2	11.6	614.0	39.5	600.3	10.2	97.8
609.8	11.3	625.3	44.5	605.7	7.8	96.9
611.7	22.2	627.9	90.6	607.3	13.8	96.7
617.5	13.0	611.1	47.0	619.3	10.6	101.3
623.9	15.3	605.4	52.8	629.0	13.1	103.9
923.9	14.8	898.1	34.0	898.1	34.0	104.1
947.3	40.2	934.0	127.0	934.0	127.0	102.1
1008.6	52.7	984.2	156.6	984.2	156.6	103.6
1002.0	9.4	1012.3	16.9	1012.3	16.9	98.5
997.6	18.2	1017.6	12.9	1017.6	12.9	97.1
1026.4	25.3	1023.1	66.9	1023.1	66.9	100.5
1030.4	21.8	1032.6	59.5	1032.6	59.5	99.7
1057.6	32.8	1034.0	92.7	1034.0	92.7	103.4
1024.0	15.2	1036.3	27.0	1036.3	27.0	98.3
1041.7	36.1	1053.6	106.3	1053.6	106.3	98.3
1054.1	10.6	1055.5	16.1	1055.5	16.1	99.8
1065.9	8.7	1057.1	14.9	1057.1	14.9	101.2
1032.7	18.7	1057.5	38.9	1057.5	38.9	96.6
1073.4	21.7	1068.8	35.2	1068.8	35.2	100.7
1069.5	19.5	1069.5	32.8	1069.5	32.8	100.0
1054.0	27.1	1069.6	69.2	1069.6	69.2	97.8
1096.4	23.7	1083.0	51.3	1083.0	51.3	101.9
1087.8	14.6	1092.6	38.8	1092.6	38.8	99.3
1078.9	8.7	1099.8	19.5	1099.8	19.5	97.2
1097.1	31.9	1106.0	82.1	1106.0	82.1	98.8
1115.5	12.0	1106.0	7.7	1106.0	7.7	101.3
1098.0	17.0	1109.2	33.2	1109.2	33.2	98.5
1125.8	11.8	1117.4	12.0	1117.4	12.0	101.1
1087.4	34.3	1123.9	90.5	1123.9	90.5	95.1
1149.6	11.6	1136.6	15.9	1136.6	15.9	101.8
1126.2	21.5	1138.7	50.5	1138.7	50.5	98.3
1156.5	15.9	1143.1	35.9	1143.1	35.9	101.8
1160.5	16.3	1168.1	33.1	1168.1	33.1	99.0
1097.6	27.8	1168.8	36.0	1168.8	36.0	90.9
1148.4	17.7	1170.0	38.1	1170.0	38.1	97.2
1193.2	13.2	1187.1	9.5	1187.1	9.5	100.8
1204.4	51.5	1189.4	138.4	1189.4	138.4	102.0

1168.6	29.3	1189.8	58.9	1189.8	58.9	97.3
1167.7	32.7	1192.9	30.5	1192.9	30.5	96.8
1284.9	39.8	1306.8	15.3	1306.8	15.3	97.3
1294.7	20.1	1313.3	49.0	1313.3	49.0	97.7
1309.2	25.0	1314.9	58.4	1314.9	58.4	99.3
1330.4	25.8	1353.1	17.5	1353.1	17.5	97.3
1364.5	23.5	1371.0	36.1	1371.0	36.1	99.2
1390.2	14.8	1397.7	5.7	1397.7	5.7	99.1
1415.0	19.2	1474.2	18.7	1474.2	18.7	93.3
1497.0	27.9	1476.8	24.8	1476.8	24.8	102.3
1503.9	20.9	1510.9	40.0	1510.9	40.0	99.2
1615.9	29.2	1616.8	8.6	1616.8	8.6	99.9
1627.5	30.2	1628.0	22.0	1628.0	22.0	99.9
1627.3	16.3	1635.5	13.4	1635.5	13.4	99.1
1635.6	25.6	1646.0	15.6	1646.0	15.6	98.9
1653.4	24.6	1646.1	13.3	1646.1	13.3	100.8
1653.5	12.8	1651.0	12.6	1651.0	12.6	100.3
1649.1	12.5	1654.0	8.1	1654.0	8.1	99.5
1667.4	10.3	1659.1	7.4	1659.1	7.4	100.9
1669.2	29.5	1693.9	15.9	1693.9	15.9	97.4
1701.2	11.5	1731.8	16.7	1731.8	16.7	96.8
1732.0	16.6	1734.9	5.4	1734.9	5.4	99.7
1741.8	13.3	1750.8	7.5	1750.8	7.5	99.1
1801.2	9.1	1801.8	4.2	1801.8	4.2	99.9
1747.4	16.1	1827.7	5.6	1827.7	5.6	92.0
1679.2	39.4	1851.3	19.8	1851.3	19.8	83.4
1764.0	27.7	1875.6	7.3	1875.6	7.3	89.1
1864.6	9.6	1878.8	10.0	1878.8	10.0	98.6
1871.3	13.0	1886.7	6.0	1886.7	6.0	98.4
1904.4	19.8	1901.4	7.5	1901.4	7.5	100.3
2121.7	16.6	2130.2	13.6	2130.2	13.6	99.2
2700.5	51.9	2665.5	62.4	2665.5	62.4	103.1
2730.9	12.2	2737.8	3.0	2737.8	3.0	99.4
2817.3	14.2	2814.4	10.0	2814.4	10.0	100.2
3091.3	15.2	3074.9	7.3	3074.9	7.3	101.4
3816.9	21.4	3812.0	4.3	3812.0	4.3	100.4

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
109.2	5.4	109.0	105.7	109.2	3.0	NA
97.4	24.4	-259.5	675.0	112.5	2.0	NA
170.7	6.3	128.2	94.2	173.8	0.9	NA
189.4	15.8	242.4	200.1	185.2	5.1	NA
190.1	21.3	-91.2	291.3	213.5	7.1	NA

215.4	15.6	224.3	156.1	214.6	9.3	NA
212.6	13.3	119.6	152.0	221.1	5.4	NA
224.2	26.4	139.6	304.6	232.4	5.0	NA
214.8	31.3	-91.7	380.6	243.8	11.3	NA
248.9	12.0	249.5	97.0	248.8	8.4	NA
331.0	10.8	315.0	66.3	333.3	8.0	NA
334.9	16.1	330.0	117.0	335.6	7.4	NA
386.0	18.2	398.6	124.7	384.0	4.3	NA
414.5	6.4	409.0	37.5	415.4	3.5	101.6
419.8	12.2	407.7	72.6	421.9	5.8	103.5
440.8	26.2	488.0	156.3	431.8	8.1	88.5
447.3	22.1	480.2	133.6	440.9	3.5	91.8
446.5	12.2	468.3	70.8	442.3	4.6	94.4
442.7	40.3	313.9	251.1	467.9	9.6	149.0
470.3	6.9	461.2	35.4	472.1	4.1	102.4
489.0	17.0	526.2	85.9	481.1	9.0	91.4
516.4	43.9	516.1	228.5	516.5	15.3	100.1
508.8	28.5	433.9	155.3	525.7	7.5	121.1
597.9	34.2	646.1	154.1	585.3	13.6	90.6
619.4	19.4	708.3	83.6	595.4	8.3	84.1
616.0	11.7	640.9	49.0	609.2	6.4	95.1
622.8	17.5	630.7	77.7	620.6	6.4	98.4
665.9	45.8	781.6	185.4	632.3	19.2	80.9
1038.5	30.7	1024.2	91.7	1024.2	91.7	102.1
1036.2	43.4	1027.3	133.8	1027.3	133.8	101.3
1042.2	19.2	1028.9	44.1	1028.9	44.1	101.9
982.2	13.6	1030.6	37.8	1030.6	37.8	93.2
1033.2	10.8	1030.8	27.1	1030.8	27.1	100.3
953.7	23.1	1034.9	69.0	1034.9	69.0	88.8
1049.2	13.8	1036.5	39.8	1036.5	39.8	101.8
1050.6	16.1	1038.5	39.5	1038.5	39.5	101.7
1043.7	25.6	1045.0	57.1	1045.0	57.1	99.8
1041.5	24.0	1054.3	71.0	1054.3	71.0	98.2
1060.9	18.4	1055.1	33.5	1055.1	33.5	100.8
1057.0	22.8	1063.9	65.5	1063.9	65.5	99.0
1050.2	12.3	1068.0	35.1	1068.0	35.1	97.5
1080.5	12.4	1074.3	35.3	1074.3	35.3	100.9
1060.4	14.5	1075.4	12.1	1075.4	12.1	97.9
1061.4	14.1	1080.6	37.0	1080.6	37.0	97.4
1103.4	13.3	1088.7	32.4	1088.7	32.4	102.0
1102.9	6.6	1096.5	17.9	1096.5	17.9	100.9
1124.2	10.9	1106.1	27.0	1106.1	27.0	102.5
1117.9	18.4	1114.6	50.5	1114.6	50.5	100.4
1096.4	43.0	1121.1	106.5	1121.1	106.5	96.7
1132.3	7.2	1133.4	13.6	1133.4	13.6	99.9
1182.5	17.8	1170.4	46.9	1170.4	46.9	101.6

1194.5	9.2	1202.4	23.7	1202.4	23.7	99.0
1194.4	15.9	1213.2	43.3	1213.2	43.3	97.6
1223.2	47.5	1225.6	123.0	1225.6	123.0	99.7
1316.1	9.0	1317.5	20.2	1317.5	20.2	99.8
1319.0	19.3	1328.6	36.8	1328.6	36.8	98.8
1341.3	9.8	1338.3	21.1	1338.3	21.1	100.4
1427.0	15.4	1420.1	32.1	1420.1	32.1	100.8
1440.2	12.5	1436.1	25.4	1436.1	25.4	100.5
1448.2	10.5	1441.6	18.1	1441.6	18.1	100.8
1452.9	19.6	1442.6	46.2	1442.6	46.2	101.2
1454.1	8.0	1444.6	15.7	1444.6	15.7	101.1
1508.0	6.7	1558.4	10.6	1558.4	10.6	94.5
1632.0	6.9	1629.7	11.4	1629.7	11.4	100.2
1673.9	10.1	1645.6	19.6	1645.6	19.6	103.1
1668.7	15.4	1659.1	30.9	1659.1	30.9	101.0
1689.8	9.2	1676.2	9.9	1676.2	9.9	101.5
1686.7	13.8	1694.5	23.9	1694.5	23.9	99.2
1730.0	8.5	1722.1	10.3	1722.1	10.3	100.8
1742.6	9.4	1734.7	17.1	1734.7	17.1	100.8
1753.0	5.5	1744.7	9.5	1744.7	9.5	100.9
1815.1	10.4	1799.1	10.4	1799.1	10.4	101.7
1817.1	8.4	1800.5	7.8	1800.5	7.8	101.7
1832.1	11.8	1812.4	22.0	1812.4	22.0	102.0
1838.2	12.3	1840.7	19.9	1840.7	19.9	99.7
1840.5	29.6	1848.5	57.7	1848.5	57.7	99.2
1870.3	8.2	1850.7	6.4	1850.7	6.4	102.0
1865.9	9.0	1860.4	7.5	1860.4	7.5	100.6
1884.6	3.7	1879.7	5.8	1879.7	5.8	100.5
1740.1	9.0	1880.0	5.9	1880.0	5.9	86.5
1828.0	29.1	1882.8	50.6	1882.8	50.6	94.5
2019.4	8.1	2044.6	8.1	2044.6	8.1	97.6
2550.8	17.2	2549.1	15.0	2549.1	15.0	100.2
2516.9	8.4	2561.0	6.6	2561.0	6.6	96.2
2625.4	10.4	2612.2	10.6	2612.2	10.6	101.2
2686.5	31.8	2696.2	43.5	2696.2	43.5	99.2
2755.2	11.8	2750.6	15.0	2750.6	15.0	100.4
2759.8	7.8	2770.9	8.4	2770.9	8.4	99.1
2736.9	11.4	2778.4	6.0	2778.4	6.0	96.5
2804.2	8.2	2799.8	5.3	2799.8	5.3	100.4
3281.2	22.6	3304.5	18.9	3304.5	18.9	98.1

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
116.7	18.1	477.8	345.4	99.8	5.1	NA

111.4	22.7	267.7	474.4	104.2	6.7	NA
111.5	5.0	163.8	98.1	109.0	2.4	NA
113.8	10.9	180.9	216.3	110.7	4.4	NA
108.6	10.7	35.2	231.2	112.0	4.4	NA
234.0	10.0	244.0	104.0	233.0	3.5	NA
237.0	5.1	236.1	43.3	237.1	3.5	NA
247.5	14.9	312.5	149.5	240.7	4.1	NA
242.1	7.9	210.9	25.7	245.3	8.4	NA
248.5	10.5	269.5	103.0	246.3	3.7	NA
253.1	9.9	279.0	93.8	250.3	4.2	NA
311.2	15.0	645.2	68.0	268.5	12.2	NA
334.4	9.9	344.1	63.5	333.0	6.7	NA
379.9	6.1	403.9	21.0	376.0	6.1	NA
390.0	14.4	430.6	92.8	383.2	5.9	NA
392.8	6.5	380.5	34.0	394.8	5.0	NA
420.3	22.7	439.5	122.5	416.8	14.6	94.8
416.8	23.0	416.3	143.4	416.9	8.2	100.2
286.5	82.3	-694.7	898.3	419.4	35.0	NA
420.4	7.5	409.7	37.9	422.3	5.6	103.1
421.0	8.4	406.4	35.5	423.6	7.6	104.3
433.2	22.2	476.7	130.3	425.1	9.1	89.2
425.9	14.2	403.2	67.3	430.1	11.6	106.7
431.7	14.7	435.3	71.3	431.0	11.2	99.0
433.7	6.8	434.3	24.4	433.6	6.7	99.8
440.4	20.7	464.3	125.9	435.8	4.9	93.9
448.9	16.2	450.7	20.2	448.5	18.9	99.5
511.0	24.7	479.3	132.0	518.1	7.3	108.1
568.9	28.5	677.7	132.5	542.1	10.8	80.0
561.0	10.5	572.0	31.1	558.3	10.6	97.6
572.4	6.0	566.0	12.6	574.0	6.8	101.4
577.6	9.5	556.5	40.6	582.9	6.0	104.7
601.5	20.9	630.3	88.3	593.9	11.9	94.2
596.8	9.3	583.5	32.2	600.3	8.2	102.9
609.4	7.6	629.9	21.0	603.9	7.7	95.9
608.4	11.7	614.8	37.7	606.6	10.8	98.7
623.2	34.2	648.9	21.2	616.1	42.7	94.9
643.7	10.1	656.2	20.8	640.2	11.4	97.6
649.1	27.0	633.0	102.0	653.8	18.9	103.3
1028.9	30.5	1003.0	84.0	1003.0	84.0	103.8
1021.4	9.2	1016.2	14.9	1016.2	14.9	100.8
1026.3	12.2	1032.5	31.6	1032.5	31.6	99.1
1074.5	56.6	1065.3	164.8	1065.3	164.8	101.3
1072.2	16.7	1068.6	27.1	1068.6	27.1	100.5
1066.3	10.2	1071.9	10.0	1071.9	10.0	99.2
1079.7	16.9	1074.6	31.5	1074.6	31.5	100.7
1073.9	14.0	1078.1	33.8	1078.1	33.8	99.4

1060.4	14.1	1084.6	8.1	1084.6	8.1	96.7
1065.6	8.9	1094.8	20.2	1094.8	20.2	96.0
1087.4	25.4	1098.2	51.5	1098.2	51.5	98.5
1182.1	13.5	1147.8	21.1	1147.8	21.1	104.6
1191.0	18.3	1195.7	8.7	1195.7	8.7	99.4
1132.5	25.1	1214.4	48.4	1214.4	48.4	89.8
1184.9	15.8	1214.7	34.7	1214.7	34.7	96.2
1211.4	20.8	1222.7	43.4	1222.7	43.4	98.6
1172.7	35.1	1233.4	87.0	1233.4	87.0	92.4
1247.8	14.2	1241.9	29.1	1241.9	29.1	100.7
1270.7	19.5	1271.4	28.4	1271.4	28.4	99.9
1321.6	11.2	1311.2	16.9	1311.2	16.9	101.3
1317.7	28.8	1338.0	39.4	1338.0	39.4	97.5
1324.8	17.2	1344.5	15.8	1344.5	15.8	97.6
1384.0	10.2	1392.5	11.8	1392.5	11.8	99.0
1309.7	35.0	1429.7	83.3	1429.7	83.3	86.6
1436.9	12.8	1432.1	16.4	1432.1	16.4	100.6
1401.1	26.6	1432.2	18.5	1432.2	18.5	96.4
1500.5	13.2	1498.2	11.9	1498.2	11.9	100.3
1522.7	71.3	1506.5	8.2	1506.5	8.2	101.9
1606.8	8.5	1608.9	10.5	1608.9	10.5	99.8
1641.6	46.7	1613.0	73.2	1613.0	73.2	103.2
1631.2	26.3	1634.1	8.5	1634.1	8.5	99.7
1654.6	10.8	1635.0	14.2	1635.0	14.2	102.1
1624.6	26.4	1639.5	21.3	1639.5	21.3	98.4
1654.1	8.1	1642.3	7.2	1642.3	7.2	101.3
1652.3	13.8	1651.3	19.3	1651.3	19.3	100.1
1642.4	46.3	1665.8	25.9	1665.8	25.9	97.5
1692.8	31.6	1675.2	8.4	1675.2	8.4	101.9
1641.8	19.0	1677.4	29.7	1677.4	29.7	96.2
1688.1	14.1	1731.7	2.3	1731.7	2.3	95.5
1747.7	14.0	1741.0	12.7	1741.0	12.7	100.7
1773.1	11.4	1753.3	3.1	1753.3	3.1	102.1
1770.9	11.0	1785.7	3.8	1785.7	3.8	98.5
1823.7	21.9	1806.7	13.6	1806.7	13.6	101.8
1883.3	13.6	1916.7	1.9	1916.7	1.9	96.7
2024.0	14.0	2028.2	5.1	2028.2	5.1	99.6
2436.5	22.5	2476.3	3.5	2476.3	3.5	96.5
2605.2	21.8	2633.3	12.1	2633.3	12.1	97.6
2688.1	17.0	2684.4	6.9	2684.4	6.9	100.3
2650.2	28.1	2687.1	33.0	2687.1	33.0	96.8
2703.8	38.5	2700.1	8.0	2700.1	8.0	100.3
2745.8	17.1	2702.9	9.2	2702.9	9.2	103.8
2722.2	15.3	2742.2	4.0	2742.2	4.0	98.3
2827.7	58.0	2786.3	12.1	2786.3	12.1	103.6

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
90.7	43.0	-118.6	1279.0	98.8	7.3	NA
103.4	5.9	194.2	137.8	99.5	0.9	NA
102.2	6.9	163.4	164.4	99.6	1.3	NA
104.3	6.8	210.1	148.2	99.7	2.4	NA
94.1	10.0	-54.4	257.2	100.1	3.5	NA
98.8	4.7	64.1	107.6	100.2	2.2	NA
84.6	28.2	-339.1	914.7	100.3	3.0	NA
111.1	10.7	346.1	210.2	100.4	4.2	NA
100.8	4.2	105.9	73.6	100.6	3.1	NA
90.2	6.5	-182.8	181.3	100.8	1.8	NA
99.0	4.6	49.2	109.5	101.1	1.7	NA
104.4	6.4	179.2	140.4	101.1	2.3	NA
99.9	5.6	69.8	137.2	101.1	1.1	NA
103.7	8.3	158.3	188.9	101.3	2.3	NA
95.4	7.6	-51.0	198.9	101.4	2.0	NA
99.6	12.1	53.8	302.0	101.5	2.0	NA
101.2	9.9	92.4	235.5	101.6	2.5	NA
93.0	11.3	-123.0	308.3	101.7	2.4	NA
101.4	8.2	91.7	193.8	101.8	2.2	NA
95.9	28.0	-51.8	756.0	101.9	3.5	NA
100.4	5.6	59.1	118.0	102.2	3.2	NA
95.7	21.8	-66.8	581.0	102.4	4.2	NA
103.0	7.5	117.8	174.0	102.4	2.2	NA
119.4	18.9	469.6	355.3	102.6	5.1	NA
97.0	16.3	-42.5	427.0	102.7	2.2	NA
100.6	6.1	46.5	135.2	102.9	2.9	NA
104.1	2.7	123.8	56.9	103.3	1.3	NA
95.3	15.5	-102.0	417.1	103.4	2.3	NA
104.6	3.0	131.7	64.0	103.4	1.3	NA
100.7	5.6	29.2	126.9	103.7	2.5	NA
106.1	8.4	153.8	176.7	104.0	3.7	NA
111.9	30.9	280.1	666.7	104.1	5.7	NA
109.7	6.4	202.2	129.6	105.5	2.7	NA
101.0	33.1	-194.5	878.1	113.9	4.0	NA
138.1	16.6	191.3	286.3	135.0	5.2	NA
148.0	21.9	20.3	373.7	156.1	5.7	NA
149.4	13.5	19.2	217.2	157.7	5.6	NA
162.1	7.0	200.9	102.8	159.5	2.4	NA
263.6	10.9	275.0	97.7	262.3	5.2	NA
298.9	9.9	233.1	76.9	307.4	5.8	NA
323.9	9.0	300.3	67.7	327.2	4.2	NA
365.1	11.0	376.7	71.2	363.2	6.0	NA

381.7	28.6	308.2	164.6	393.9	20.3	NA
492.3	76.3	467.5	431.1	497.7	13.6	106.5
540.5	41.5	474.2	214.7	556.4	11.1	117.3
598.7	8.5	603.3	27.5	597.5	7.9	99.0
615.4	7.7	636.4	26.2	609.7	6.6	95.8
607.8	12.7	600.7	50.6	609.7	8.8	101.5
635.7	24.8	616.9	52.7	641.0	28.4	103.9
663.4	22.3	697.2	91.8	653.5	9.7	93.7
702.1	12.6	699.6	43.0	702.9	9.6	100.5
944.8	18.3	924.2	44.7	924.2	44.7	103.2
948.8	10.7	958.4	24.3	958.4	24.3	98.6
981.4	13.5	993.3	39.0	993.3	39.0	98.3
1021.4	16.5	999.5	37.2	999.5	37.2	103.2
1028.2	23.9	1008.4	57.8	1008.4	57.8	102.9
1009.2	12.3	1012.8	34.5	1012.8	34.5	99.5
1040.1	13.5	1026.1	27.4	1026.1	27.4	102.0
1023.5	15.6	1036.9	18.7	1036.9	18.7	98.1
1026.2	11.4	1053.4	11.5	1053.4	11.5	96.2
1062.0	25.1	1068.9	50.9	1068.9	50.9	99.1
1074.3	11.0	1072.1	23.1	1072.1	23.1	100.3
1073.7	13.0	1073.5	15.9	1073.5	15.9	100.0
1084.7	13.3	1084.1	22.4	1084.1	22.4	100.1
1097.2	12.1	1098.2	20.0	1098.2	20.0	99.9
1135.0	11.3	1139.2	8.9	1139.2	8.9	99.4
1196.8	29.5	1220.3	27.2	1220.3	27.2	97.0
1216.4	13.7	1220.5	23.0	1220.5	23.0	99.5
1258.9	41.1	1239.5	90.3	1239.5	90.3	102.5
1298.9	12.4	1290.9	9.4	1290.9	9.4	101.0
1417.3	29.2	1380.5	26.0	1380.5	26.0	104.5
1454.6	13.6	1463.3	4.7	1463.3	4.7	99.0
1493.3	17.1	1493.6	30.6	1493.6	30.6	100.0
1491.2	14.1	1494.0	16.2	1494.0	16.2	99.7
1502.7	12.2	1504.1	7.6	1504.1	7.6	99.8
1612.3	20.9	1623.3	11.2	1623.3	11.2	98.8
1655.2	31.6	1632.7	49.8	1632.7	49.8	102.5
1649.7	16.1	1647.1	16.8	1647.1	16.8	100.3
1655.1	9.0	1648.2	2.7	1648.2	2.7	100.8
1632.8	17.6	1649.2	10.8	1649.2	10.8	98.2
1659.4	15.2	1652.4	18.9	1652.4	18.9	100.8
1690.2	21.2	1691.2	20.5	1691.2	20.5	99.9
1682.8	14.2	1692.1	13.6	1692.1	13.6	99.0
1684.4	23.1	1695.3	42.3	1695.3	42.3	98.9
1711.5	13.8	1706.6	17.7	1706.6	17.7	100.5
1721.2	14.2	1712.9	15.1	1712.9	15.1	100.9
1770.1	29.5	1763.8	51.2	1763.8	51.2	100.7
1639.1	19.1	1776.4	6.1	1776.4	6.1	86.4

1780.0	8.0	1783.8	4.5	1783.8	4.5	99.6
1791.1	12.1	1786.6	6.6	1786.6	6.6	100.5
1776.3	13.8	1789.0	13.7	1789.0	13.7	98.7
1843.7	10.9	1844.1	7.2	1844.1	7.2	100.0
1845.1	11.0	1852.6	16.8	1852.6	16.8	99.2
1830.4	21.3	1853.6	10.0	1853.6	10.0	97.6
1843.1	23.2	1856.8	28.6	1856.8	28.6	98.6
1863.1	17.4	1859.6	10.8	1859.6	10.8	100.4
1881.7	26.1	1875.4	11.9	1875.4	11.9	100.6
1841.4	54.3	1891.6	34.6	1891.6	34.6	95.0
1877.3	14.6	1915.7	2.7	1915.7	2.7	96.2
1929.8	15.7	1932.4	12.6	1932.4	12.6	99.7
2023.1	10.6	2036.1	6.7	2036.1	6.7	98.7
2111.7	15.9	2114.9	18.5	2114.9	18.5	99.7
2288.3	55.0	2273.0	90.2	2273.0	90.2	101.4
2334.4	12.5	2322.7	3.5	2322.7	3.5	101.1
2534.0	11.2	2523.3	8.4	2523.3	8.4	101.0
2594.9	13.3	2673.4	3.3	2673.4	3.3	93.3
2703.2	33.1	2696.3	6.3	2696.3	6.3	100.6
2714.6	18.8	2713.9	4.0	2713.9	4.0	100.1
2743.0	17.0	2752.7	4.8	2752.7	4.8	99.2
2786.8	13.0	2760.0	3.4	2760.0	3.4	102.3
2997.2	8.7	2989.4	3.6	2989.4	3.6	100.7

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
118.6	11.5	623.4	193.3	94.9	4.8	NA
103.1	21.7	282.9	484.6	95.5	6.5	NA
86.9	14.1	-201.3	422.9	97.8	2.5	NA
103.1	4.6	220.7	102.1	98.1	1.4	NA
109.5	12.9	359.1	275.5	98.4	2.2	NA
100.5	10.1	151.6	242.7	98.4	2.0	NA
116.6	27.3	499.3	544.8	98.7	4.1	NA
99.1	6.0	96.9	144.2	99.2	2.0	NA
100.8	2.8	139.4	50.9	99.2	2.0	NA
96.4	6.8	26.6	169.8	99.3	2.2	NA
94.6	6.2	-21.7	158.2	99.3	2.0	NA
101.9	15.0	155.1	361.5	99.6	1.9	NA
94.2	7.0	-42.1	166.3	99.7	3.6	NA
96.1	7.5	8.6	185.9	99.7	2.8	NA
95.2	7.0	-21.9	171.2	99.9	3.0	NA
90.1	14.6	-164.1	418.2	100.0	2.7	NA
100.3	9.0	106.1	208.7	100.0	3.2	NA
104.2	20.7	198.6	478.1	100.1	4.5	NA
91.8	9.3	-119.5	252.1	100.1	2.7	NA

98.7	5.0	63.7	115.1	100.2	2.2	NA
98.1	9.4	46.5	234.9	100.2	2.4	NA
100.0	6.0	95.0	148.6	100.2	0.8	NA
99.6	7.1	75.8	161.3	100.6	3.1	NA
97.1	6.6	11.9	167.3	100.6	1.8	NA
100.5	1.7	91.4	26.7	100.9	1.3	NA
102.7	6.6	144.1	144.4	100.9	2.7	NA
106.4	4.6	226.2	85.9	101.1	2.7	NA
95.6	7.4	-41.6	188.4	101.1	2.4	NA
99.6	4.0	63.0	90.8	101.2	1.9	NA
105.4	18.6	201.0	422.3	101.2	4.4	NA
111.4	18.2	332.7	393.2	101.3	1.1	NA
100.1	2.8	68.0	44.6	101.4	2.3	NA
98.2	8.9	20.4	223.9	101.5	2.1	NA
91.6	12.0	-159.8	329.2	101.5	3.9	NA
89.1	9.7	-233.6	284.6	101.6	1.6	NA
104.9	5.5	179.5	114.9	101.6	2.6	NA
95.9	12.9	-44.6	337.6	101.7	2.6	NA
99.8	12.1	55.2	296.0	101.7	3.0	NA
78.6	13.0	-585.2	463.0	101.9	2.8	NA
99.6	9.4	43.5	233.0	102.0	2.1	NA
97.9	8.7	-1.2	221.7	102.0	1.8	NA
103.5	3.7	133.4	66.6	102.2	2.4	NA
101.3	14.8	80.9	355.2	102.2	3.6	NA
101.4	5.6	81.7	114.3	102.2	3.2	NA
108.3	4.2	237.9	84.1	102.5	1.9	NA
102.1	3.8	91.6	86.3	102.5	1.5	NA
100.9	4.7	54.3	105.8	102.9	2.1	NA
104.6	4.1	143.0	84.4	102.9	2.1	NA
95.7	20.8	-81.6	556.8	103.0	3.9	NA
99.7	20.9	17.7	521.3	103.2	4.9	NA
103.4	5.7	108.7	126.6	103.2	2.1	NA
104.3	5.3	129.5	123.5	103.2	1.2	NA
95.7	17.8	-90.4	472.4	103.3	3.7	NA
99.2	7.5	-0.9	180.1	103.4	2.7	NA
103.7	4.4	108.6	90.8	103.5	2.4	NA
124.2	19.9	540.9	326.1	103.5	8.5	NA
104.5	4.4	125.6	90.8	103.6	2.3	NA
109.2	8.5	231.7	172.3	103.6	3.5	NA
96.1	15.7	-88.2	417.4	103.7	2.4	NA
104.3	6.5	117.1	148.7	103.8	2.0	NA
111.1	14.9	269.3	323.8	103.9	1.8	NA
103.1	8.1	85.3	182.3	103.9	3.1	NA
104.2	4.9	110.8	93.8	103.9	3.1	NA
106.2	7.1	156.7	154.4	104.0	2.6	NA
103.6	4.9	89.5	90.0	104.2	3.3	NA

104.0	7.5	90.0	167.0	104.6	2.9	NA
105.2	4.9	102.0	107.9	105.3	1.7	NA
108.8	9.5	171.7	202.1	106.0	3.5	NA
107.8	16.5	146.7	372.7	106.1	3.6	NA
109.3	4.0	166.3	75.7	106.7	2.2	NA
105.4	21.8	20.6	522.3	109.2	3.4	NA
121.8	17.5	328.1	332.4	111.5	5.0	NA
110.4	15.7	17.0	359.3	114.8	2.5	NA
153.0	11.8	64.7	183.1	158.8	4.9	NA
165.2	10.6	245.9	155.1	159.6	2.9	NA
171.8	8.4	217.9	119.1	168.4	2.3	NA
168.9	4.4	147.6	62.3	170.5	1.7	NA
232.2	35.9	52.5	408.8	250.4	7.2	NA
333.8	13.8	334.1	93.4	333.7	8.4	NA
444.0	10.0	448.6	26.2	443.1	10.8	98.8
590.7	13.6	572.2	56.6	595.6	8.8	104.1
1028.2	44.7	1046.5	119.5	1046.5	119.5	97.4
1147.6	18.9	1150.9	49.4	1150.9	49.4	99.6
1453.9	17.1	1438.8	23.8	1438.8	23.8	101.8
1637.3	13.6	1650.8	6.9	1650.8	6.9	98.5
1770.4	5.0	1741.5	4.8	1741.5	4.8	103.1
1782.1	18.5	1778.7	14.2	1778.7	14.2	100.4
1851.4	28.7	1870.1	57.6	1870.1	57.6	98.1
1889.2	15.8	1881.5	6.7	1881.5	6.7	100.8
1950.0	9.5	1922.8	7.0	1922.8	7.0	102.7

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
93.2	23.3	-23.8	637.3	97.8	3.5	NA
70.5	24.1	-801.2	991.0	98.5	9.4	NA
102.0	30.3	182.0	740.9	98.6	2.7	NA
98.5	4.5	77.0	96.1	99.4	2.6	NA
76.4	21.3	-598.7	798.4	99.5	2.2	NA
95.6	14.3	-13.3	378.1	100.1	1.9	NA
106.3	10.3	245.8	212.1	100.1	4.4	NA
101.5	12.7	130.7	307.9	100.3	1.4	NA
102.6	4.1	154.9	85.9	100.3	2.0	NA
96.3	9.6	-8.1	244.5	100.6	2.5	NA
96.6	14.4	-1.9	369.7	100.7	3.4	NA
99.3	16.2	62.0	386.1	100.9	5.8	NA
100.2	15.7	82.9	390.4	100.9	2.0	NA
98.1	15.2	30.6	383.5	100.9	3.1	NA
99.6	9.3	57.5	228.0	101.3	2.2	NA
91.0	21.3	-174.7	611.6	101.5	3.3	NA
86.5	10.7	-312.1	328.7	101.6	1.3	NA

98.2	7.7	15.5	192.8	101.7	1.9	NA
96.0	13.4	-47.8	345.2	101.9	3.7	NA
97.9	11.3	2.4	281.6	101.9	3.2	NA
96.2	8.3	-44.5	215.2	102.0	1.9	NA
101.5	11.6	87.2	282.5	102.1	1.6	NA
102.4	2.3	100.0	38.8	102.5	1.7	NA
103.7	6.2	129.2	128.9	102.6	3.2	NA
108.2	11.1	218.2	247.7	103.2	2.0	NA
99.4	14.9	-3.4	366.2	103.8	4.6	NA
99.6	12.4	-10.5	306.4	104.3	3.5	NA
97.7	10.5	-59.9	271.2	104.3	2.1	NA
105.4	10.8	129.5	211.5	104.4	6.1	NA
257.4	21.9	1236.9	117.4	163.1	12.1	NA
401.9	3.9	391.7	21.9	403.6	2.5	103.0
397.8	21.3	353.2	143.7	405.5	4.9	114.8
423.7	13.4	436.2	80.8	421.4	5.3	96.6
460.1	28.6	490.8	166.7	454.0	7.1	92.5
467.6	17.8	471.4	97.6	466.8	7.8	99.0
537.6	16.8	473.4	86.7	552.8	4.9	116.8
569.6	28.2	547.0	131.0	575.3	13.4	105.2
605.1	19.1	586.1	83.7	610.2	9.6	104.1
858.6	36.0	869.3	24.1	854.4	48.7	98.3
1000.7	11.9	998.4	20.0	998.4	20.0	100.3
1024.5	9.5	1005.3	21.1	1005.3	21.1	102.8
1025.4	10.1	1033.7	23.4	1033.7	23.4	98.8
1072.5	6.8	1070.4	17.8	1070.4	17.8	100.3
1074.0	58.5	1073.7	162.7	1073.7	162.7	100.0
1082.6	12.2	1077.0	30.3	1077.0	30.3	100.8
1078.5	6.1	1084.3	9.3	1084.3	9.3	99.2
1070.1	30.3	1091.4	82.2	1091.4	82.2	97.1
1084.0	33.8	1098.4	95.0	1098.4	95.0	98.0
1105.8	26.4	1102.4	62.1	1102.4	62.1	100.5
1128.8	8.9	1134.1	15.2	1134.1	15.2	99.3
1126.7	16.2	1147.9	35.6	1147.9	35.6	97.2
1268.1	20.5	1251.7	48.6	1251.7	48.6	102.1
1328.5	8.2	1321.4	14.4	1321.4	14.4	100.9
1328.4	10.7	1323.0	10.2	1323.0	10.2	100.7
1406.1	41.3	1398.5	97.6	1398.5	97.6	100.9
1427.6	18.0	1427.3	38.9	1427.3	38.9	100.0
1440.8	18.0	1437.9	16.2	1437.9	16.2	100.3
1434.2	12.3	1450.9	25.3	1450.9	25.3	98.1
1470.7	12.9	1457.9	7.4	1457.9	7.4	101.5
1555.4	36.2	1525.5	62.2	1525.5	62.2	103.4
1565.2	20.2	1576.1	25.1	1576.1	25.1	98.8
1638.6	19.1	1625.6	27.5	1625.6	27.5	101.4
1615.0	20.0	1645.3	11.7	1645.3	11.7	96.7

1668.2	10.6	1649.2	9.0	1649.2	9.0	102.1
1661.1	14.5	1650.9	29.4	1650.9	29.4	101.1
1689.2	15.2	1675.2	23.6	1675.2	23.6	101.5
1715.0	23.8	1712.3	8.1	1712.3	8.1	100.3
1698.4	13.0	1719.7	17.4	1719.7	17.4	97.8
1742.4	20.9	1743.3	22.2	1743.3	22.2	99.9
1775.0	17.2	1748.0	9.7	1748.0	9.7	102.9
1778.1	14.3	1768.2	6.0	1768.2	6.0	101.0
1775.2	5.1	1774.7	3.8	1774.7	3.8	100.0
1795.2	15.3	1787.4	3.4	1787.4	3.4	100.8
1794.2	7.6	1788.2	7.4	1788.2	7.4	100.6
1813.3	9.5	1794.0	6.9	1794.0	6.9	102.0
1811.7	10.2	1800.5	13.5	1800.5	13.5	101.2
1808.8	6.8	1806.7	3.2	1806.7	3.2	100.2
1838.7	12.3	1828.7	16.9	1828.7	16.9	101.0
1831.7	13.5	1829.2	11.2	1829.2	11.2	100.3
1836.2	10.3	1834.6	12.2	1834.6	12.2	100.2
1854.9	14.1	1841.9	11.5	1841.9	11.5	101.3
1834.2	7.1	1844.4	6.1	1844.4	6.1	99.0
1859.5	15.8	1847.4	20.2	1847.4	20.2	101.2
1852.2	12.1	1849.3	4.1	1849.3	4.1	100.3
1860.3	8.6	1850.3	5.1	1850.3	5.1	101.0
1850.8	11.3	1851.1	13.1	1851.1	13.1	100.0
1864.4	20.9	1856.8	22.2	1856.8	22.2	100.8
1885.3	19.3	1870.3	7.4	1870.3	7.4	101.5
1890.8	17.9	1871.4	20.2	1871.4	20.2	102.0
1865.6	20.6	1875.5	38.2	1875.5	38.2	99.0
1784.7	38.6	1876.9	6.0	1876.9	6.0	90.9
1900.3	6.0	1891.2	6.0	1891.2	6.0	100.9
1922.0	11.9	1936.5	15.6	1936.5	15.6	98.6
1949.8	15.2	1937.3	20.6	1937.3	20.6	101.3
1953.7	15.1	1967.3	7.3	1967.3	7.3	98.7
2053.7	16.3	2056.6	5.9	2056.6	5.9	99.7
2077.1	18.6	2075.7	8.4	2075.7	8.4	100.1
2213.1	22.3	2266.5	12.4	2266.5	12.4	95.1
2520.7	14.2	2510.0	2.4	2510.0	2.4	101.0
2571.2	39.5	2637.9	44.6	2637.9	44.6	94.3
2683.3	10.9	2683.7	2.9	2683.7	2.9	100.0
2646.5	19.8	2701.2	5.7	2701.2	5.7	95.3
2734.4	9.3	2711.4	6.0	2711.4	6.0	102.0
2738.8	14.7	2726.8	17.9	2726.8	17.9	101.0
2726.5	6.2	2727.4	4.8	2727.4	4.8	99.9
2744.7	9.5	2733.8	5.7	2733.8	5.7	100.9
2670.4	12.7	2740.9	4.1	2740.9	4.1	94.1
2744.4	21.5	2751.1	16.1	2751.1	16.1	99.4
3164.7	14.6	3202.7	20.1	3202.7	20.1	97.0

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Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
117.4	43.6	619.9	854.2	94.1	8.6	NA
-129.6	-479.5	NA	NA	95.2	5.1	NA
78.5	29.0	-410.2	1031.4	95.4	3.4	NA
95.2	7.6	75.2	193.4	96.0	1.8	NA
51.4	26.7	NA	NA	96.2	6.6	NA
96.8	6.6	105.6	167.9	96.4	0.9	NA
89.1	18.1	-115.1	521.2	96.9	3.4	NA
90.7	23.7	-74.6	672.1	97.2	3.1	NA
95.3	19.0	46.5	487.2	97.2	4.9	NA
97.8	5.7	111.7	143.1	97.3	0.9	NA
98.5	6.2	127.9	121.1	97.3	3.9	NA
90.2	20.2	-93.9	565.4	97.3	5.3	NA
97.2	16.3	87.8	413.7	97.6	2.6	NA
94.6	7.3	15.7	190.1	97.8	1.7	NA
92.4	23.4	-47.0	652.9	97.9	2.0	NA
98.9	7.7	122.6	151.5	97.9	4.9	NA
120.1	16.6	577.4	268.7	98.2	7.8	NA
98.4	4.8	99.8	114.4	98.3	1.7	NA
93.7	25.8	-23.5	704.5	98.3	3.9	NA
93.7	10.4	-24.2	273.5	98.4	2.8	NA
101.4	10.6	172.7	255.1	98.4	1.6	NA
94.3	15.1	-8.8	398.6	98.4	3.3	NA
107.6	15.5	316.6	333.0	98.4	4.1	NA
95.1	9.3	12.9	242.5	98.5	1.8	NA
96.9	7.6	58.4	193.2	98.5	1.2	NA
97.5	4.3	72.0	105.4	98.5	1.4	NA
85.0	9.6	-281.3	284.6	98.6	3.7	NA
90.7	9.4	-117.0	264.5	98.8	2.0	NA
99.2	23.1	107.9	581.8	98.8	2.6	NA
95.0	7.7	-1.0	194.7	98.8	2.8	NA
92.6	11.7	-65.0	317.7	98.9	2.5	NA
101.5	3.5	162.5	77.9	98.9	1.4	NA
100.4	7.7	135.5	188.8	98.9	0.8	NA
99.6	31.4	116.3	778.1	98.9	7.1	NA
100.7	7.8	142.9	184.9	98.9	2.1	NA
107.5	14.8	295.1	325.1	99.2	3.2	NA
95.8	9.0	11.3	230.8	99.3	2.2	NA
106.9	12.6	277.1	283.8	99.5	1.5	NA
99.0	4.1	85.8	97.2	99.5	1.4	NA
101.6	16.4	150.5	398.3	99.5	1.8	NA
93.0	9.0	-76.0	242.5	99.7	2.0	NA
102.1	8.4	157.1	196.0	99.7	2.3	NA

95.4	20.8	-10.3	552.6	99.7	3.1	NA
101.1	10.2	133.1	245.0	99.7	2.1	NA
88.0	21.4	-220.9	625.1	99.8	6.6	NA
95.7	4.0	-7.8	91.2	99.9	2.1	NA
94.5	15.6	-40.3	416.6	99.9	2.7	NA
93.3	17.5	-78.1	483.1	100.1	1.8	NA
95.8	7.4	-9.4	193.0	100.1	1.2	NA
97.1	24.9	22.8	615.7	100.1	9.1	NA
101.1	5.2	123.8	120.8	100.2	1.6	NA
123.2	19.3	584.1	356.5	100.7	3.1	NA
96.7	8.5	-8.1	219.3	101.0	1.5	NA
100.7	5.4	93.6	128.1	101.0	1.6	NA
80.3	43.1	-509.1	1592.9	101.4	5.1	NA
108.7	11.5	264.1	251.3	101.7	2.2	NA
105.8	42.6	168.4	1003.0	103.0	9.6	NA
94.5	22.3	-151.7	620.4	104.5	1.9	NA
135.8	38.7	722.5	631.5	104.6	9.0	NA
122.4	13.2	212.4	248.8	117.8	4.7	NA
94.9	14.3	-521.5	414.4	121.0	3.8	NA
180.1	56.1	529.6	756.2	154.6	7.3	NA
143.8	18.4	-33.5	327.5	154.8	4.0	NA
278.1	9.3	342.7	84.5	270.5	1.9	NA
249.4	76.9	-442.5	933.8	328.6	9.0	NA
326.8	14.2	300.2	98.2	330.5	8.6	NA
400.8	20.2	296.4	133.9	419.1	6.9	141.4
430.1	16.4	456.5	94.6	425.2	7.9	93.2
445.5	13.0	459.3	65.2	442.9	9.0	96.4
624.2	15.8	641.7	70.1	619.4	5.3	96.5
696.2	10.8	751.8	34.9	679.2	8.8	90.3
995.1	38.6	1002.8	95.0	1002.8	95.0	98.9
1003.4	13.9	1017.7	31.3	1017.7	31.3	97.9
1031.6	11.6	1024.3	33.7	1024.3	33.7	101.0
1008.2	46.6	1039.3	143.5	1039.3	143.5	95.6
1011.6	22.6	1039.6	20.4	1039.6	20.4	96.1
1042.6	21.5	1052.6	62.8	1052.6	62.8	98.6
1076.9	12.4	1081.1	28.0	1081.1	28.0	99.4
1065.9	23.6	1117.8	68.6	1117.8	68.6	93.1
1175.6	19.9	1139.8	48.5	1139.8	48.5	104.9
1166.2	9.6	1157.2	23.3	1157.2	23.3	101.2
1194.4	34.8	1192.6	92.6	1192.6	92.6	100.2
1194.4	61.4	1228.5	159.8	1228.5	159.8	95.7
1226.6	9.8	1238.1	20.8	1238.1	20.8	98.5
1324.0	31.6	1322.6	47.1	1322.6	47.1	100.2
1355.9	20.4	1347.6	43.8	1347.6	43.8	101.0
1360.9	18.6	1391.0	44.6	1391.0	44.6	96.5
1441.0	17.9	1434.7	40.4	1434.7	40.4	100.7

1448.4	10.0	1441.6	8.7	1441.6	8.7	100.8
1429.3	16.0	1442.8	33.6	1442.8	33.6	98.4
1361.8	6.7	1444.0	11.7	1444.0	11.7	90.7
1456.6	22.7	1454.2	42.7	1454.2	42.7	100.3
1468.8	15.4	1456.5	29.4	1456.5	29.4	101.4
1482.2	10.7	1491.0	18.1	1491.0	18.1	99.0
1515.9	14.4	1514.8	31.8	1514.8	31.8	100.1
1526.5	9.8	1523.3	13.9	1523.3	13.9	100.4
1611.7	11.2	1592.8	14.7	1592.8	14.7	102.1
1565.9	18.7	1602.0	28.7	1602.0	28.7	96.1
1618.9	12.6	1621.4	20.7	1621.4	20.7	99.7
1637.2	18.4	1636.0	10.3	1636.0	10.3	100.1
1683.2	20.2	1703.8	16.3	1703.8	16.3	97.8
1714.2	15.1	1712.6	4.8	1712.6	4.8	100.2
1821.8	20.1	1832.5	19.4	1832.5	19.4	98.9
1852.1	18.9	1842.2	36.9	1842.2	36.9	101.0
1886.0	16.1	1878.9	9.7	1878.9	9.7	100.7
1914.6	17.5	1893.3	31.0	1893.3	31.0	102.2
1924.5	10.7	1917.3	16.0	1917.3	16.0	100.7
2165.4	8.7	2151.6	6.1	2151.6	6.1	101.3
2344.8	17.3	2360.7	11.9	2360.7	11.9	98.6
2542.2	34.6	2512.8	51.0	2512.8	51.0	102.6
2548.7	28.9	2631.9	15.0	2631.9	15.0	92.9
2741.4	29.3	2768.0	7.5	2768.0	7.5	97.7
2789.3	8.7	2791.4	3.9	2791.4	3.9	99.8

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
103.7	6.8	373.6	148.9	92.3	1.9	NA
85.4	12.8	-256.7	381.5	98.1	4.3	NA
105.0	11.3	262.4	253.8	98.2	2.6	NA
79.7	25.1	-452.3	858.6	98.4	7.1	NA
95.1	5.4	-0.5	136.3	99.0	1.9	NA
100.6	2.8	134.5	54.6	99.1	1.8	NA
100.8	1.9	140.6	36.5	99.2	1.2	NA
101.9	4.4	158.0	104.3	99.5	1.0	NA
103.2	9.6	189.5	220.9	99.5	2.4	NA
99.6	5.6	100.0	112.7	99.6	3.4	NA
97.3	7.4	36.8	178.7	99.8	2.7	NA
99.8	5.4	96.1	111.2	99.9	3.3	NA
99.9	3.6	97.3	83.3	100.0	1.3	NA
100.2	7.6	104.2	181.9	100.0	2.2	NA
93.6	23.5	-70.9	651.1	100.2	1.4	NA
103.6	14.8	180.4	336.9	100.3	4.5	NA
97.3	4.6	16.6	113.0	100.7	1.5	NA

105.3	10.3	205.5	226.8	100.9	3.3	NA
101.0	3.9	101.2	85.1	101.0	1.9	NA
101.1	2.6	90.0	49.2	101.6	1.7	NA
98.0	9.5	11.2	241.4	101.6	1.7	NA
102.7	11.2	110.1	257.0	102.4	3.6	NA
156.9	5.4	175.5	61.7	155.7	3.9	NA
174.0	8.9	399.3	90.3	157.9	6.0	NA
1025.9	14.6	1026.1	33.2	1026.1	33.2	100.0
1048.2	40.8	1083.4	94.8	1083.4	94.8	95.2
1107.4	32.8	1147.3	86.0	1147.3	86.0	94.8
1432.8	16.5	1419.8	38.6	1419.8	38.6	101.5
1445.2	19.3	1436.6	17.2	1436.6	17.2	101.0
1680.8	17.9	1645.5	19.3	1645.5	19.3	103.9
1571.6	59.8	1652.2	13.5	1652.2	13.5	91.5
1758.3	10.6	1759.9	11.8	1759.9	11.8	99.8
1836.0	10.2	1832.2	12.8	1832.2	12.8	100.4
1853.2	13.0	1836.9	18.9	1836.9	18.9	101.7
1906.5	10.5	1894.7	16.0	1894.7	16.0	101.2
2003.7	15.4	1988.4	8.2	1988.4	8.2	101.5
2097.1	12.8	2096.9	18.4	2096.9	18.4	100.0
2315.7	15.6	2306.0	6.4	2306.0	6.4	100.9
2885.1	51.9	2975.5	10.7	2975.5	10.7	92.7

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
248.1	673.2	2307.4	178.6	87.7	6.9	NA
77.3	20.2	-275.5	684.7	89.2	5.2	NA
84.4	17.2	-95.6	513.6	90.9	4.2	NA
92.6	6.7	129.0	160.0	91.2	2.9	NA
92.3	15.3	119.0	370.2	91.2	6.9	NA
98.3	12.4	265.5	300.4	91.5	2.1	NA
90.8	9.6	65.6	236.7	91.7	4.4	NA
92.8	15.0	103.9	396.3	92.4	2.6	NA
95.3	11.7	163.4	294.8	92.6	2.6	NA
95.3	7.1	155.6	180.4	92.9	1.4	NA
93.7	7.2	106.0	165.1	93.2	3.8	NA
92.1	57.0	59.9	1701.1	93.3	8.5	NA
97.6	6.4	193.4	150.4	93.8	2.3	NA
90.6	4.8	-6.0	125.2	94.3	1.8	NA
78.5	20.1	-391.2	693.7	94.7	3.7	NA
92.1	10.5	20.5	286.3	94.9	1.1	NA
78.6	33.8	-392.1	1202.3	94.9	5.7	NA
93.5	9.2	52.8	218.3	95.1	4.4	NA
88.1	12.7	-101.1	367.1	95.3	2.2	NA
84.7	95.3	-208.4	1373.4	95.4	5.6	NA

102.5	24.5	257.0	583.0	96.0	2.6	NA
98.0	7.1	145.1	175.0	96.0	1.2	NA
93.3	7.2	20.7	165.8	96.1	3.9	NA
83.7	8.7	-258.3	269.8	96.2	1.8	NA
94.2	23.0	31.9	604.3	96.7	5.5	NA
81.1	65.9	-360.1	2749.8	96.9	6.1	NA
92.2	10.7	-32.9	290.4	97.1	2.3	NA
99.3	4.1	145.8	98.8	97.4	1.1	NA
82.5	16.1	-329.7	522.8	97.4	2.2	NA
102.3	3.7	212.9	87.2	97.6	0.7	NA
99.4	14.3	140.1	348.9	97.8	3.0	NA
82.8	21.7	-331.7	706.6	97.8	3.1	NA
105.4	5.5	257.4	99.5	98.8	3.3	NA
92.6	19.6	-67.1	542.3	98.9	2.8	NA
110.4	17.4	362.1	355.1	99.1	5.4	NA
104.9	52.1	221.9	1287.2	99.8	4.5	NA
99.2	7.5	78.7	185.6	100.0	1.5	NA
106.1	7.4	223.4	152.3	101.0	3.2	NA
101.0	13.1	89.9	321.9	101.5	1.9	NA
114.0	8.4	377.5	162.0	101.7	3.1	NA
125.2	40.8	507.7	765.2	106.0	7.7	NA
106.7	25.3	11.6	598.5	111.0	4.9	NA
175.0	13.2	326.3	145.8	164.0	8.4	NA
246.8	9.4	206.4	95.0	251.1	3.1	NA
321.6	14.9	251.3	120.3	331.4	4.4	NA
388.2	28.3	346.8	186.6	395.2	11.5	NA
489.3	34.9	555.8	170.7	475.2	20.4	85.5
513.1	21.5	604.3	105.4	492.9	10.3	81.6
539.6	11.5	505.8	58.9	547.6	3.5	108.3
619.8	26.8	635.7	117.6	615.5	10.9	96.8
674.2	15.2	761.9	49.0	648.2	12.4	85.1
992.9	15.0	989.8	37.9	989.8	37.9	100.5
996.2	17.2	990.8	51.7	990.8	51.7	100.8
1042.7	13.5	1036.8	14.0	1036.8	14.0	100.8
1029.3	51.3	1038.5	147.5	1038.5	147.5	98.7
1038.3	20.3	1046.3	53.3	1046.3	53.3	98.9
1071.3	38.0	1052.7	100.7	1052.7	100.7	102.6
1053.7	23.1	1079.4	65.7	1079.4	65.7	96.5
1082.1	17.5	1083.0	45.6	1083.0	45.6	99.9
1061.2	27.3	1103.1	58.1	1103.1	58.1	94.4
1139.5	39.0	1112.3	109.8	1112.3	109.8	103.7
1159.6	68.2	1151.3	187.2	1151.3	187.2	101.1
1139.3	6.5	1158.4	12.9	1158.4	12.9	97.5
1168.0	30.0	1164.9	75.6	1164.9	75.6	100.4
1133.6	7.4	1165.0	14.2	1165.0	14.2	95.9
1134.2	24.5	1173.4	7.7	1173.4	7.7	94.9

1384.6	14.5	1379.9	32.5	1379.9	32.5	100.6
1399.6	18.5	1384.9	28.8	1384.9	28.8	101.8
1430.0	18.0	1431.8	42.4	1431.8	42.4	99.8
1451.0	6.3	1441.3	10.5	1441.3	10.5	101.1
1473.8	16.0	1471.7	26.5	1471.7	26.5	100.2
1593.5	5.9	1612.6	9.5	1612.6	9.5	97.9
1642.7	11.0	1626.0	21.5	1626.0	21.5	101.8
1650.5	14.0	1655.9	21.7	1655.9	21.7	99.4
1665.1	14.1	1657.2	20.6	1657.2	20.6	100.8
1669.5	34.4	1690.5	60.7	1690.5	60.7	97.8
1571.9	71.8	1729.2	14.4	1729.2	14.4	84.3
1695.5	24.5	1755.7	17.0	1755.7	17.0	93.8
1755.0	11.3	1757.7	21.9	1757.7	21.9	99.7
1726.9	45.3	1772.5	9.4	1772.5	9.4	95.3
1779.1	13.9	1778.9	15.9	1778.9	15.9	100.0
1788.7	28.2	1794.3	46.4	1794.3	46.4	99.4
1823.6	22.6	1807.2	45.2	1807.2	45.2	101.7
1825.5	14.1	1822.2	12.3	1822.2	12.3	100.3
1846.1	22.0	1833.9	44.3	1833.9	44.3	101.3
1846.8	5.4	1835.9	8.0	1835.9	8.0	101.1
1861.5	6.4	1847.9	5.0	1847.9	5.0	101.4
1941.2	13.8	1925.3	15.6	1925.3	15.6	101.6
2034.8	31.0	2029.9	45.6	2029.9	45.6	100.5
2721.9	7.6	2717.4	3.9	2717.4	3.9	100.4
2732.7	34.9	2735.6	12.0	2735.6	12.0	99.8
2975.0	11.0	2969.0	3.1	2969.0	3.1	100.5

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
151.8	6.8	247.9	100.7	145.8	3.0	NA
146.1	7.9	120.7	130.0	147.7	2.5	NA
145.8	6.4	97.3	102.7	148.8	2.8	NA
153.0	13.0	213.8	195.6	149.1	5.2	NA
150.5	6.5	167.9	95.6	149.4	3.2	NA
199.8	11.9	820.5	125.9	151.2	3.8	NA
181.9	9.5	580.6	117.6	152.7	2.6	NA
146.2	12.6	40.3	214.2	152.8	3.7	NA
150.8	9.7	110.4	150.8	153.4	4.0	NA
149.4	5.8	64.3	87.3	154.8	3.1	NA
158.3	4.1	167.8	45.0	157.6	3.1	NA
197.5	13.1	668.8	149.1	160.3	3.6	NA
175.3	3.5	191.2	31.3	174.1	2.9	NA
239.9	6.2	292.2	51.6	234.6	4.3	NA
250.3	7.3	301.5	66.1	244.9	3.8	NA
254.9	7.7	288.4	55.2	251.3	5.9	NA

256.3	11.9	283.9	102.5	253.3	6.9	NA
286.3	9.7	263.8	76.4	289.1	5.8	NA
353.9	6.7	413.6	40.6	344.9	4.5	NA
377.0	8.3	356.6	50.9	380.3	5.1	NA
395.1	10.4	384.5	60.2	396.9	6.6	NA
382.1	16.0	277.5	105.1	399.6	8.0	NA
398.4	12.6	385.8	65.0	400.5	9.7	103.8
411.7	9.1	399.1	48.3	413.9	6.4	103.7
427.8	6.2	456.5	29.7	422.4	4.8	92.5
432.7	9.7	471.6	51.5	425.4	6.2	90.2
436.1	11.6	476.3	62.1	428.6	6.9	90.0
436.9	9.6	429.9	35.8	438.2	9.2	101.9
449.5	8.6	467.2	39.8	446.0	6.6	95.5
454.7	12.7	458.5	48.8	454.0	11.7	99.0
477.7	12.8	565.0	55.8	459.7	9.6	81.4
458.9	13.9	447.7	36.3	461.2	15.2	103.0
564.4	15.1	645.0	50.9	544.6	13.3	84.4
547.5	13.1	553.6	54.6	546.0	9.6	98.6
552.1	18.1	569.7	50.8	547.9	18.7	96.2
554.2	21.7	555.4	77.2	553.9	19.4	99.7
578.9	15.8	584.8	64.9	577.4	10.9	98.7
590.3	14.1	630.9	40.6	579.8	13.9	91.9
611.3	12.7	669.7	45.4	595.6	10.0	88.9
590.9	12.6	559.6	45.0	599.1	11.0	107.1
606.1	13.2	622.5	38.1	601.7	13.1	96.7
607.7	12.9	622.2	42.1	603.7	11.7	97.0
641.8	16.6	697.7	66.5	626.0	9.3	89.7
718.3	15.2	729.9	46.7	714.6	13.3	97.9
979.3	31.8	920.6	70.0	920.6	70.0	109.2
909.6	14.2	939.4	27.2	939.4	27.2	95.5
977.3	19.5	959.6	45.0	959.6	45.0	102.7
951.1	27.6	963.9	75.5	963.9	75.5	98.1
924.8	13.0	967.7	18.6	967.7	18.6	93.7
934.4	16.4	968.4	44.1	968.4	44.1	95.0
887.4	17.4	971.3	38.1	971.3	38.1	87.9
963.3	17.4	977.3	42.6	977.3	42.6	97.9
866.6	19.5	985.1	42.5	985.1	42.5	83.3
1033.9	18.9	1005.6	52.2	1005.6	52.2	104.2
952.9	16.9	1006.4	38.8	1006.4	38.8	92.4
1000.9	21.4	1012.4	52.9	1012.4	52.9	98.3
902.6	19.4	1017.5	25.4	1017.5	25.4	84.2
1049.9	22.0	1018.7	54.6	1018.7	54.6	104.5
991.7	13.4	1021.6	27.2	1021.6	27.2	95.8
1005.8	29.9	1024.4	32.0	1024.4	32.0	97.4
1027.5	13.2	1024.5	29.1	1024.5	29.1	100.4
1025.7	12.2	1031.2	27.6	1031.2	27.6	99.2

1018.9	32.6	1034.2	75.2	1034.2	75.2	97.8
1028.0	10.7	1034.5	21.1	1034.5	21.1	99.1
1022.9	20.7	1037.5	48.6	1037.5	48.6	97.9
1067.9	15.0	1042.6	29.3	1042.6	29.3	103.6
988.8	18.0	1047.0	27.0	1047.0	27.0	92.0
1035.6	12.4	1047.7	27.1	1047.7	27.1	98.3
1029.0	11.9	1047.9	19.4	1047.9	19.4	97.3
1066.0	15.2	1051.3	33.6	1051.3	33.6	102.1
1063.9	14.8	1058.0	35.2	1058.0	35.2	100.8
1026.4	12.9	1058.6	25.1	1058.6	25.1	95.5
1034.8	16.3	1060.8	36.0	1060.8	36.0	96.4
1014.2	23.1	1062.5	56.0	1062.5	56.0	93.4
1037.7	16.9	1062.6	37.6	1062.6	37.6	96.6
1029.9	16.4	1065.8	33.3	1065.8	33.3	95.1
1002.5	17.5	1066.4	29.5	1066.4	29.5	91.3
1025.8	12.8	1066.6	28.9	1066.6	28.9	94.4
1050.9	14.0	1083.8	32.0	1083.8	32.0	95.5
1024.9	17.6	1084.4	37.3	1084.4	37.3	92.0
1064.2	30.4	1087.5	65.0	1087.5	65.0	96.8
1069.0	24.5	1091.9	54.4	1091.9	54.4	96.9
1065.2	21.6	1094.3	47.9	1094.3	47.9	96.1
1077.7	10.8	1097.5	26.1	1097.5	26.1	97.3
1106.4	22.6	1110.5	56.4	1110.5	56.4	99.4
1097.2	21.8	1113.8	21.8	1113.8	21.8	97.8
1041.2	25.0	1119.3	43.8	1119.3	43.8	89.7
1144.6	16.2	1119.8	26.3	1119.8	26.3	103.4
1139.2	14.3	1120.4	24.5	1120.4	24.5	102.6
1134.8	18.3	1128.6	29.3	1128.6	29.3	100.8
1080.6	13.0	1130.2	25.6	1130.2	25.6	93.5
1152.7	14.7	1134.2	24.5	1134.2	24.5	102.5
1142.4	12.2	1138.7	24.8	1138.7	24.8	100.5
1127.4	17.2	1138.8	34.6	1138.8	34.6	98.5
1143.4	25.2	1139.1	64.2	1139.1	64.2	100.6
1098.3	23.7	1160.5	41.2	1160.5	41.2	92.0
1168.9	23.2	1161.4	27.5	1161.4	27.5	101.0
1164.4	19.3	1166.4	39.3	1166.4	39.3	99.7
1146.3	14.3	1169.1	28.5	1169.1	28.5	97.0
1109.8	21.9	1174.7	29.5	1174.7	29.5	91.7
1157.4	22.1	1175.0	51.7	1175.0	51.7	97.7
1135.9	18.2	1179.6	40.7	1179.6	40.7	94.4
1144.2	17.7	1183.0	34.1	1183.0	34.1	95.0
1158.6	23.8	1186.6	52.2	1186.6	52.2	96.4
1239.3	20.7	1224.5	50.3	1224.5	50.3	101.9
1212.8	13.7	1233.2	21.6	1233.2	21.6	97.4
1238.9	16.7	1247.5	37.1	1247.5	37.1	98.9
1226.0	20.7	1251.8	39.9	1251.8	39.9	96.8

1257.9	17.0	1252.2	30.8	1252.2	30.8	100.7
1214.4	21.0	1256.8	44.5	1256.8	44.5	94.7
1286.1	27.8	1257.7	51.9	1257.7	51.9	103.6
1303.4	15.1	1329.2	23.7	1329.2	23.7	96.9
1287.0	19.9	1331.6	35.3	1331.6	35.3	94.6
1300.3	15.3	1345.7	22.8	1345.7	22.8	94.6
1362.3	19.1	1368.6	32.5	1368.6	32.5	99.3
1376.0	18.9	1374.3	31.7	1374.3	31.7	100.2
1379.5	16.3	1378.1	28.3	1378.1	28.3	100.2
1348.8	16.1	1384.0	29.8	1384.0	29.8	95.9
1359.8	19.7	1388.8	33.2	1388.8	33.2	96.6
1378.2	24.5	1389.3	29.5	1389.3	29.5	98.7
1368.4	17.4	1400.1	34.0	1400.1	34.0	96.3
1333.1	25.1	1427.4	22.9	1427.4	22.9	89.3
1432.2	16.3	1427.9	24.8	1427.9	24.8	100.5
1413.8	13.0	1431.2	24.5	1431.2	24.5	98.0
1442.2	28.7	1454.5	30.6	1454.5	30.6	98.6
1406.0	23.7	1470.6	47.4	1470.6	47.4	92.7
1488.8	17.6	1492.6	27.7	1492.6	27.7	99.6
1488.3	27.5	1502.8	30.8	1502.8	30.8	98.4
1474.0	20.5	1504.6	32.6	1504.6	32.6	96.6
1455.3	32.3	1505.7	31.1	1505.7	31.1	94.4
1512.9	38.2	1506.8	30.7	1506.8	30.7	100.7
1480.4	19.2	1508.1	33.3	1508.1	33.3	96.9
1504.4	19.0	1509.1	24.9	1509.1	24.9	99.5
1545.1	22.1	1588.1	29.3	1588.1	29.3	95.3
1497.5	26.4	1597.2	32.4	1597.2	32.4	89.4
1624.0	14.3	1618.7	22.8	1618.7	22.8	100.6
1623.6	20.2	1627.9	30.2	1627.9	30.2	99.5
1604.9	21.5	1630.1	32.1	1630.1	32.1	97.3
1628.2	18.7	1637.2	24.8	1637.2	24.8	99.0
1609.1	15.5	1640.4	24.4	1640.4	24.4	96.6
1637.6	43.7	1642.5	19.7	1642.5	19.7	99.5
1641.4	15.9	1642.6	26.9	1642.6	26.9	99.9
1625.2	21.5	1649.6	38.9	1649.6	38.9	97.4
1697.7	24.4	1650.7	22.9	1650.7	22.9	105.2
1621.2	19.8	1657.2	35.0	1657.2	35.0	96.2
1616.1	15.2	1658.1	25.1	1658.1	25.1	95.5
1632.6	30.2	1662.4	23.3	1662.4	23.3	96.8
1617.6	25.7	1665.1	21.4	1665.1	21.4	95.0
1659.5	17.1	1666.0	23.1	1666.0	23.1	99.3
1637.7	33.6	1666.5	28.9	1666.5	28.9	96.9
1628.4	21.7	1682.0	39.1	1682.0	39.1	94.4
1498.2	15.8	1699.0	20.7	1699.0	20.7	80.1
1690.0	17.0	1705.8	30.4	1705.8	30.4	98.3
1721.7	20.7	1709.1	25.8	1709.1	25.8	101.3

1607.2	20.0	1719.4	33.3	1719.4	33.3	88.6
1731.0	26.8	1721.4	19.0	1721.4	19.0	101.0
1740.3	16.7	1722.4	23.4	1722.4	23.4	101.9
1722.4	17.7	1731.3	21.2	1731.3	21.2	99.1
1720.6	15.5	1735.9	20.8	1735.9	20.8	98.4
1707.8	13.4	1736.1	21.9	1736.1	21.9	97.0
1735.7	18.0	1743.8	31.0	1743.8	31.0	99.1
1700.6	21.1	1749.7	34.8	1749.7	34.8	94.9
1732.6	18.4	1766.4	26.9	1766.4	26.9	96.5
1772.1	14.3	1780.8	20.6	1780.8	20.6	99.1
1788.1	23.6	1795.0	21.3	1795.0	21.3	99.3
1771.8	22.5	1799.9	19.1	1799.9	19.1	97.1
1786.0	18.8	1800.9	23.3	1800.9	23.3	98.5
1791.5	15.5	1808.3	20.3	1808.3	20.3	98.3
1792.6	18.6	1814.8	22.4	1814.8	22.4	97.7
1816.5	25.6	1819.8	40.1	1819.8	40.1	99.7
1798.5	21.4	1828.8	22.1	1828.8	22.1	96.9
1822.1	21.6	1829.3	30.7	1829.3	30.7	99.3
1836.2	15.8	1836.0	19.2	1836.0	19.2	100.0
1699.2	17.4	1837.5	19.8	1837.5	19.8	86.5
1832.4	24.8	1837.6	29.0	1837.6	29.0	99.5
1838.1	15.7	1859.0	17.0	1859.0	17.0	97.9
1878.6	17.7	1884.6	23.7	1884.6	23.7	99.4
1846.3	28.6	1890.1	38.2	1890.1	38.2	95.6
1760.8	17.4	1902.6	22.6	1902.6	22.6	86.4
1937.2	22.3	1949.3	22.1	1949.3	22.1	98.8
1952.7	19.1	1977.6	24.8	1977.6	24.8	97.6
1938.9	20.4	1984.8	27.0	1984.8	27.0	95.5
1961.1	16.9	1991.2	21.6	1991.2	21.6	97.1
2453.2	17.1	2439.3	18.0	2439.3	18.0	101.3
2324.7	29.9	2535.0	20.2	2535.0	20.2	82.6
2627.3	22.1	2670.3	20.7	2670.3	20.7	96.3
2707.0	22.5	2729.5	21.7	2729.5	21.7	98.1
2742.0	18.7	2757.6	22.1	2757.6	22.1	98.7
2708.0	24.4	2761.3	25.1	2761.3	25.1	95.5
2742.3	24.3	2776.3	18.3	2776.3	18.3	97.1
2812.2	18.5	2817.5	16.2	2817.5	16.2	99.5

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
131.6	8.0	567.1	134.6	108.8	2.2	NA
105.6	7.6	56.2	172.7	112.9	2.9	NA
122.9	3.9	119.6	66.4	123.0	2.2	NA
169.3	7.9	243.9	71.6	164.0	6.5	NA
235.1	7.3	234.6	67.0	235.1	4.3	NA

298.6	8.2	360.8	59.9	290.7	4.9	NA
331.9	10.6	422.6	68.6	319.1	6.7	NA
343.7	9.0	405.3	53.1	334.7	6.4	NA
357.3	10.2	424.1	52.3	347.1	8.3	NA
358.3	8.9	410.1	46.6	350.4	7.2	NA
370.5	8.5	386.0	48.4	368.0	6.0	NA
443.1	9.0	786.2	33.0	379.9	7.2	NA
404.7	10.5	461.6	52.0	394.8	7.9	NA
406.4	11.8	435.6	49.5	401.3	10.6	92.1
397.4	9.9	367.4	43.0	402.6	9.1	109.6
392.9	10.5	332.2	65.2	403.3	5.7	121.4
433.5	10.4	511.2	50.5	419.0	7.6	82.0
436.7	13.4	508.3	64.9	423.2	9.6	83.3
430.3	8.8	462.3	40.2	424.3	7.1	91.8
424.7	11.6	419.9	62.8	425.6	7.3	101.3
427.9	11.5	438.9	64.8	425.9	6.3	97.0
426.4	11.4	410.7	53.3	429.3	9.3	104.5
428.6	9.7	414.9	54.0	431.2	5.8	103.9
434.9	9.1	433.5	45.6	435.2	6.5	100.4
435.4	10.4	436.5	44.5	435.2	9.0	99.7
438.5	11.4	453.0	55.3	435.7	8.5	96.2
457.1	13.7	432.1	65.3	462.1	10.2	106.9
471.9	10.6	515.0	47.4	463.1	8.1	89.9
466.3	24.2	466.2	61.9	466.3	26.3	100.0
469.3	12.0	444.2	53.9	474.5	9.5	106.8
478.3	10.5	496.5	47.4	474.5	7.8	95.6
489.6	9.1	557.2	34.5	475.3	7.9	85.3
492.1	7.1	502.0	27.3	489.9	6.2	97.6
546.0	12.0	607.6	48.4	531.3	8.9	87.4
539.5	20.5	563.6	65.3	533.8	19.9	94.7
539.6	11.4	555.6	40.4	535.9	10.2	96.4
582.3	9.5	689.0	35.8	555.3	7.2	80.6
583.9	8.4	640.6	28.1	569.4	7.4	88.9
567.8	9.5	557.4	27.6	570.4	9.7	102.3
583.6	9.6	604.5	33.3	578.2	8.4	95.6
595.0	9.1	655.4	24.8	579.3	9.2	88.4
593.0	12.8	638.1	44.2	581.3	10.9	91.1
609.8	13.2	646.5	41.2	599.9	12.4	92.8
610.9	12.1	630.5	48.4	605.6	7.9	96.0
627.6	19.3	691.8	42.2	609.9	21.1	88.2
618.6	14.7	640.2	45.2	612.7	13.8	95.7
639.6	19.5	734.1	43.5	613.2	20.8	83.5
617.7	11.0	624.4	30.4	615.8	11.2	98.6
615.8	17.9	585.7	22.8	624.1	22.2	106.6
648.6	10.4	734.8	29.9	624.2	9.7	84.9
645.0	19.1	695.3	48.2	630.7	19.9	90.7

809.1	13.4	888.4	30.0	780.6	14.0	87.9
839.0	15.6	834.1	26.9	840.9	19.0	100.8
941.5	12.0	925.0	29.7	925.0	29.7	102.6
908.2	28.2	864.4	53.5	926.3	33.8	107.2
958.2	17.5	969.4	35.8	969.4	35.8	98.3
970.9	16.0	971.3	33.0	971.3	33.0	99.9
983.7	12.2	984.2	19.7	984.2	19.7	99.9
1005.0	13.9	994.1	34.7	994.1	34.7	101.6
994.5	16.5	994.9	42.4	994.9	42.4	99.9
931.7	18.4	1009.9	39.1	1009.9	39.1	89.0
1040.4	19.7	1035.3	28.9	1035.3	28.9	100.7
1003.5	14.2	1038.0	20.0	1038.0	20.0	95.2
985.9	15.3	1038.5	35.9	1038.5	35.9	92.7
956.5	14.2	1066.8	26.0	1066.8	26.0	85.2
1055.8	15.6	1076.5	31.1	1076.5	31.1	97.1
1024.7	13.3	1077.9	22.5	1077.9	22.5	92.8
944.2	23.7	1079.9	68.2	1079.9	68.2	82.1
1024.3	24.7	1081.8	36.8	1081.8	36.8	92.2
1066.1	22.4	1084.7	25.4	1084.7	25.4	97.5
1031.7	18.1	1085.3	33.3	1085.3	33.3	92.8
1095.3	17.6	1087.0	32.1	1087.0	32.1	101.1
1063.2	18.0	1090.9	30.2	1090.9	30.2	96.2
1074.3	11.6	1091.1	22.7	1091.1	22.7	97.7
1102.2	17.5	1101.0	36.1	1101.0	36.1	100.2
1072.3	16.8	1102.4	38.0	1102.4	38.0	95.9
1041.6	14.4	1124.8	26.3	1124.8	26.3	89.1
1134.9	21.0	1140.2	44.6	1140.2	44.6	99.3
1067.8	11.6	1141.1	22.3	1141.1	22.3	90.5
1145.7	15.8	1155.6	28.3	1155.6	28.3	98.7
1031.3	25.9	1161.3	49.5	1161.3	49.5	83.6
1156.7	17.5	1167.7	24.7	1167.7	24.7	98.6
1055.1	27.2	1174.3	32.8	1174.3	32.8	85.0
1088.6	16.2	1175.0	30.5	1175.0	30.5	89.0
1104.4	23.6	1180.7	52.7	1180.7	52.7	90.3
1086.7	13.2	1183.0	21.8	1183.0	21.8	87.8
1171.1	17.8	1206.5	32.9	1206.5	32.9	95.5
1194.4	20.8	1214.4	32.9	1214.4	32.9	97.5
1219.8	18.7	1217.4	30.9	1217.4	30.9	100.3
1241.1	18.9	1246.6	31.2	1246.6	31.2	99.3
1295.7	17.5	1292.1	26.3	1292.1	26.3	100.5
1153.2	24.3	1310.2	35.1	1310.2	35.1	81.8
1320.6	18.3	1320.0	30.1	1320.0	30.1	100.1
1292.9	19.4	1343.8	29.2	1343.8	29.2	94.0
1273.0	18.7	1373.3	35.7	1373.3	35.7	88.4
1255.5	16.4	1379.1	20.3	1379.1	20.3	85.9
1375.6	16.8	1393.2	31.3	1393.2	31.3	97.9

1379.5	19.7	1401.8	33.4	1401.8	33.4	97.4
1377.2	18.3	1404.9	33.7	1404.9	33.7	96.8
1397.2	21.0	1416.7	29.8	1416.7	29.8	97.7
1382.8	15.3	1441.9	22.8	1441.9	22.8	93.3
1431.3	14.7	1446.7	26.1	1446.7	26.1	98.2
1388.1	18.3	1447.3	29.5	1447.3	29.5	93.3
1427.3	17.1	1448.5	20.4	1448.5	20.4	97.6
1411.4	21.6	1483.3	25.4	1483.3	25.4	92.0
1489.4	17.5	1483.6	25.1	1483.6	25.1	100.7
1477.7	15.1	1491.1	19.7	1491.1	19.7	98.5
1420.2	17.9	1492.9	22.0	1492.9	22.0	91.9
1478.8	20.5	1505.0	32.4	1505.0	32.4	97.0
1500.1	18.0	1506.3	25.1	1506.3	25.1	99.3
1458.1	20.3	1507.6	32.5	1507.6	32.5	94.5
1478.0	18.6	1510.3	29.5	1510.3	29.5	96.4
1467.9	22.7	1511.5	25.9	1511.5	25.9	95.1
1477.4	16.0	1517.6	18.8	1517.6	18.8	95.5
1367.0	15.8	1521.6	24.1	1521.6	24.1	83.5
1485.8	17.5	1521.9	29.3	1521.9	29.3	96.0
1512.6	21.6	1522.0	32.7	1522.0	32.7	98.9
1460.5	17.5	1523.2	31.0	1523.2	31.0	93.1
1466.3	23.1	1524.6	43.8	1524.6	43.8	93.6
1503.3	18.2	1524.7	20.5	1524.7	20.5	97.6
1478.0	26.2	1531.3	29.1	1531.3	29.1	94.1
1416.7	20.4	1554.7	34.4	1554.7	34.4	85.3
1526.4	24.0	1558.8	51.9	1558.8	51.9	96.4
1580.8	19.6	1564.6	23.9	1564.6	23.9	101.8
1539.0	18.7	1574.0	30.7	1574.0	30.7	96.2
1468.0	15.0	1575.6	28.0	1575.6	28.0	88.5
1544.4	19.9	1587.8	31.3	1587.8	31.3	95.3
1401.8	23.5	1593.6	22.7	1593.6	22.7	80.3
1576.4	17.8	1594.1	20.9	1594.1	20.9	98.1
1521.0	24.5	1600.8	23.6	1600.8	23.6	91.5
1551.6	18.6	1606.7	26.0	1606.7	26.0	94.1
1607.3	17.3	1615.2	21.3	1615.2	21.3	99.1
1605.3	15.9	1618.7	25.3	1618.7	25.3	98.5
1594.4	19.5	1621.9	24.6	1621.9	24.6	97.0
1606.1	18.6	1627.6	24.6	1627.6	24.6	97.7
1610.2	24.5	1627.8	38.6	1627.8	38.6	98.1
1575.8	22.0	1627.8	35.5	1627.8	35.5	94.4
1650.5	20.2	1630.4	17.1	1630.4	17.1	102.2
1630.4	12.2	1634.0	12.1	1634.0	12.1	99.6
1607.0	18.2	1635.1	29.4	1635.1	29.4	97.0
1633.4	25.6	1638.4	30.6	1638.4	30.6	99.5
1624.5	17.8	1641.1	23.1	1641.1	23.1	98.2
1606.5	17.3	1649.4	21.3	1649.4	21.3	95.4

1644.9	16.9	1649.8	19.6	1649.8	19.6	99.5
1666.1	18.0	1653.4	16.9	1653.4	16.9	101.4
1634.3	22.2	1672.5	22.7	1672.5	22.7	95.9
1519.1	38.8	1673.6	32.9	1673.6	32.9	84.3
1684.9	17.1	1689.6	22.9	1689.6	22.9	99.5
1645.0	20.7	1706.0	24.3	1706.0	24.3	93.6
1680.6	21.0	1709.6	28.0	1709.6	28.0	96.9
1686.9	18.1	1714.2	30.3	1714.2	30.3	97.1
1571.8	39.7	1720.9	49.6	1720.9	49.6	85.0
1712.1	18.0	1734.7	21.6	1734.7	21.6	97.6
1776.9	18.1	1741.1	22.8	1741.1	22.8	103.8
1752.2	13.7	1754.2	17.5	1754.2	17.5	99.8
1751.2	18.6	1755.5	23.3	1755.5	23.3	99.5
1743.0	17.1	1770.4	20.5	1770.4	20.5	97.2
1757.0	18.8	1798.4	21.2	1798.4	21.2	95.8
1662.4	20.5	1800.8	22.1	1800.8	22.1	86.4
1790.5	19.5	1808.1	20.9	1808.1	20.9	98.2
1861.3	33.1	1855.9	23.3	1855.9	23.3	100.5
1760.2	19.3	1906.0	26.2	1906.0	26.2	86.0
1870.4	21.6	1930.5	27.5	1930.5	27.5	94.1
1898.1	20.5	1959.4	26.4	1959.4	26.4	94.0
1948.2	21.5	1961.2	30.8	1961.2	30.8	98.7
1856.0	17.8	1968.5	18.6	1968.5	18.6	89.3
1960.8	17.4	1971.4	15.8	1971.4	15.8	99.0
1938.1	17.0	1978.4	21.9	1978.4	21.9	96.1
1821.4	32.7	2003.8	26.0	2003.8	26.0	83.1
1866.3	36.1	2013.3	26.2	2013.3	26.2	86.3
2008.4	26.8	2091.5	20.5	2091.5	20.5	92.2
2495.2	19.5	2603.2	21.1	2603.2	21.1	90.8
2532.8	28.6	2619.5	27.4	2619.5	27.4	92.6
2628.2	19.1	2642.3	18.6	2642.3	18.6	98.8
2567.0	22.2	2642.5	21.1	2642.5	21.1	93.6
2554.2	18.1	2675.4	14.2	2675.4	14.2	89.9
2688.5	15.3	2705.8	14.4	2705.8	14.4	98.5
2681.8	22.8	2708.1	20.9	2708.1	20.9	97.7
2676.9	21.9	2714.7	24.9	2714.7	24.9	96.8
2789.3	19.5	2806.9	14.9	2806.9	14.9	98.5
2786.0	17.9	2838.6	13.7	2838.6	13.7	95.6

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
219.0	8.8	205.0	68.3	220.3	7.2	NA
246.6	9.4	253.0	51.6	245.9	8.9	NA
327.6	18.1	519.1	125.2	301.3	9.1	NA
311.1	14.2	360.7	57.8	304.5	13.9	NA

322.5	14.6	290.4	84.2	327.0	12.0	NA
341.4	9.6	344.3	52.6	341.0	7.9	NA
340.4	11.9	333.1	67.0	341.5	9.6	NA
349.2	12.9	349.0	70.4	349.2	10.5	NA
374.7	20.9	387.2	114.1	372.7	15.7	NA
380.8	12.1	391.7	48.2	379.0	11.6	NA
381.1	9.2	386.9	46.9	380.2	7.5	NA
386.3	13.0	373.8	55.9	388.4	12.0	NA
408.8	16.9	498.5	78.7	393.0	13.5	NA
395.5	10.6	410.0	43.6	393.1	9.8	NA
394.9	12.3	385.8	49.4	396.5	11.7	NA
391.0	11.0	349.3	57.8	398.1	8.5	NA
396.5	11.6	379.9	41.8	399.3	11.6	NA
391.7	15.6	342.9	55.9	400.0	16.0	NA
405.7	12.2	409.5	52.5	405.0	11.0	98.9
414.2	11.9	452.7	52.1	407.3	10.2	90.0
417.7	17.8	465.5	100.0	409.1	10.2	87.9
415.1	12.3	444.3	61.9	409.9	9.2	92.2
411.0	13.4	397.1	61.6	413.5	11.5	104.1
420.7	13.6	453.2	66.6	414.8	10.4	91.5
432.1	12.5	501.8	44.3	419.1	11.8	83.5
429.4	14.3	479.2	67.0	420.2	11.2	87.7
429.3	11.4	455.3	41.2	424.5	10.9	93.2
434.9	19.4	489.6	100.5	424.7	12.5	86.7
446.6	22.2	552.7	118.1	426.3	12.1	77.1
429.2	11.0	444.4	57.9	426.4	7.2	96.0
471.7	14.3	542.8	47.5	457.2	13.7	84.2
468.0	16.8	490.7	73.4	463.4	13.4	94.4
537.3	21.1	646.0	73.0	512.1	18.5	79.3
536.9	18.3	638.4	73.2	513.3	13.7	80.4
586.8	15.7	881.8	56.8	513.4	11.0	58.2
521.3	26.2	526.1	72.6	520.2	27.5	98.9
534.3	21.4	562.2	84.5	527.8	17.3	93.9
542.1	15.8	582.3	63.5	532.5	12.0	91.5
542.6	14.6	566.9	47.3	536.8	14.0	94.7
540.2	16.5	537.3	68.4	540.9	12.3	100.7
543.6	27.7	526.1	108.2	547.8	22.9	104.1
561.1	23.5	587.1	74.6	554.8	22.5	94.5
588.3	18.2	680.0	69.8	564.7	13.2	83.0
586.5	19.6	648.0	69.5	570.8	16.3	88.1
578.6	15.3	603.1	48.3	572.4	14.6	94.9
581.5	18.3	585.0	76.8	580.6	11.9	99.2
587.2	30.0	603.5	92.9	583.0	28.8	96.6
599.4	29.0	656.1	53.5	584.6	33.0	89.1
588.4	14.6	602.9	48.7	584.7	13.3	97.0
607.9	20.4	671.0	72.1	591.2	16.5	88.1

606.4	17.5	632.8	50.9	599.4	17.3	94.7
606.5	17.8	602.3	52.7	607.7	17.6	100.9
621.5	16.1	660.3	54.5	610.9	13.8	92.5
624.3	16.0	656.5	48.4	615.5	15.1	93.8
729.4	29.0	814.7	88.9	702.0	24.0	86.2
763.4	29.0	764.9	77.8	762.9	28.4	99.7
934.6	27.7	875.0	70.9	875.0	70.9	109.7
943.9	26.6	896.9	67.2	896.9	67.2	107.5
906.7	22.3	876.5	60.5	919.1	19.6	104.9
901.0	22.9	848.5	52.2	922.6	24.8	108.7
928.9	22.4	944.3	37.0	944.3	37.0	97.7
955.7	25.5	949.5	56.1	949.5	56.1	100.9
963.3	21.9	954.4	39.2	954.4	39.2	101.3
921.0	22.9	957.8	42.5	957.8	42.5	94.6
967.8	19.3	965.8	44.7	965.8	44.7	100.3
982.4	25.0	966.1	54.3	966.1	54.3	102.5
958.7	22.6	966.8	44.7	966.8	44.7	98.8
929.9	26.8	971.2	60.6	971.2	60.6	94.0
967.2	28.4	978.4	48.5	978.4	48.5	98.4
1007.8	26.4	981.6	61.7	981.6	61.7	103.9
1009.6	27.5	989.8	48.7	989.8	48.7	102.9
1020.2	27.7	991.9	46.8	991.9	46.8	104.2
952.7	24.2	994.3	50.0	994.3	50.0	94.0
1021.9	27.5	994.4	38.5	994.4	38.5	104.1
950.9	21.5	995.5	43.1	995.5	43.1	93.6
983.3	24.0	997.5	59.2	997.5	59.2	97.9
958.9	18.7	997.6	37.2	997.6	37.2	94.4
927.4	28.3	1000.1	58.0	1000.1	58.0	89.7
986.1	30.7	1000.2	56.2	1000.2	56.2	97.9
968.8	30.4	1012.7	82.1	1012.7	82.1	93.8
996.1	30.5	1013.1	72.4	1013.1	72.4	97.6
1010.8	31.3	1016.2	70.7	1016.2	70.7	99.2
1022.2	22.9	1016.8	44.7	1016.8	44.7	100.8
1014.5	22.8	1022.4	48.2	1022.4	48.2	98.9
994.8	30.9	1023.7	36.8	1023.7	36.8	95.9
1026.4	24.3	1024.8	53.0	1024.8	53.0	100.2
1005.7	22.8	1025.3	46.7	1025.3	46.7	97.2
1045.3	35.0	1025.3	38.5	1025.3	38.5	102.9
989.3	21.3	1027.3	38.7	1027.3	38.7	94.6
1049.1	41.6	1031.4	77.6	1031.4	77.6	102.5
1045.0	19.6	1035.1	32.6	1035.1	32.6	101.4
1013.7	20.3	1038.6	35.9	1038.6	35.9	96.5
1013.1	22.7	1039.0	38.1	1039.0	38.1	96.4
985.7	21.5	1040.0	49.5	1040.0	49.5	92.4
1027.2	33.4	1040.9	49.1	1040.9	49.1	98.1
1035.3	25.6	1042.8	50.9	1042.8	50.9	98.9

1019.6	21.3	1043.3	38.1	1043.3	38.1	96.7
1019.7	27.1	1044.4	71.5	1044.4	71.5	96.5
1007.2	21.7	1049.5	33.3	1049.5	33.3	94.1
1056.4	17.7	1050.4	29.3	1050.4	29.3	100.8
1006.4	21.4	1057.5	50.9	1057.5	50.9	93.0
1007.4	25.9	1060.0	59.1	1060.0	59.1	92.8
1041.5	18.4	1062.1	33.2	1062.1	33.2	97.1
1043.5	28.7	1064.5	61.4	1064.5	61.4	97.1
1065.5	17.5	1066.1	37.0	1066.1	37.0	99.9
1058.6	24.4	1068.2	48.7	1068.2	48.7	98.7
1089.9	27.3	1068.4	60.1	1068.4	60.1	103.0
1073.4	15.9	1069.1	24.9	1069.1	24.9	100.6
1024.4	19.0	1071.4	29.6	1071.4	29.6	93.6
1006.8	26.4	1072.2	58.9	1072.2	58.9	91.1
1043.1	26.3	1075.9	43.8	1075.9	43.8	95.5
1020.7	28.1	1079.4	55.1	1079.4	55.1	92.1
1069.4	21.1	1083.7	30.3	1083.7	30.3	98.0
1056.0	22.5	1083.9	31.3	1083.9	31.3	96.2
1037.2	16.4	1085.1	35.1	1085.1	35.1	93.5
1054.4	24.2	1086.0	38.8	1086.0	38.8	95.7
1061.2	40.8	1086.6	90.0	1086.6	90.0	96.5
1044.5	23.5	1088.1	47.1	1088.1	47.1	94.1
1105.4	22.6	1088.7	37.3	1088.7	37.3	102.3
1083.8	19.7	1089.2	33.9	1089.2	33.9	99.3
1085.2	22.9	1090.9	47.5	1090.9	47.5	99.2
1042.5	20.9	1092.5	32.9	1092.5	32.9	93.3
1023.3	27.7	1094.0	58.6	1094.0	58.6	90.5
1071.5	25.7	1094.7	56.5	1094.7	56.5	96.8
1034.1	25.9	1094.7	41.8	1094.7	41.8	91.9
1080.3	23.4	1097.5	47.8	1097.5	47.8	97.7
1092.7	37.3	1100.5	55.0	1100.5	55.0	98.9
1116.3	25.4	1102.2	53.7	1102.2	53.7	101.9
1073.0	21.2	1104.9	29.6	1104.9	29.6	95.7
1135.6	19.5	1105.2	36.0	1105.2	36.0	104.2
1058.1	23.5	1109.4	25.2	1109.4	25.2	93.1
1012.1	37.3	1109.9	30.0	1109.9	30.0	87.2
1144.5	21.1	1113.4	36.3	1113.4	36.3	104.3
1068.0	29.0	1113.7	53.5	1113.7	53.5	93.9
1120.1	21.4	1115.5	44.4	1115.5	44.4	100.6
1097.7	23.7	1119.7	43.0	1119.7	43.0	97.0
1079.5	28.4	1119.9	43.9	1119.9	43.9	94.6
1164.2	26.8	1128.4	46.2	1128.4	46.2	104.9
1076.3	21.3	1131.3	40.5	1131.3	40.5	92.8
1081.0	33.5	1135.5	42.1	1135.5	42.1	92.8
1094.7	18.8	1144.5	36.3	1144.5	36.3	93.5
1118.6	29.2	1144.9	37.7	1144.9	37.7	96.5

1145.8	23.5	1145.3	41.4	1145.3	41.4	100.1
1130.0	22.9	1146.6	36.9	1146.6	36.9	97.8
1151.6	20.4	1149.5	40.9	1149.5	40.9	100.3
1136.0	29.7	1151.5	39.1	1151.5	39.1	97.9
1139.3	20.2	1152.7	31.3	1152.7	31.3	98.2
1159.8	27.4	1163.2	30.0	1163.2	30.0	99.5
1125.7	28.2	1172.4	47.6	1172.4	47.6	94.0
1144.2	20.8	1174.3	34.5	1174.3	34.5	96.1
1136.5	22.1	1179.0	30.3	1179.0	30.3	94.5
1140.5	25.4	1187.5	30.0	1187.5	30.0	94.0
1116.2	28.3	1191.6	45.8	1191.6	45.8	90.5
1168.3	32.5	1192.3	49.9	1192.3	49.9	96.9
1153.2	37.3	1194.9	52.6	1194.9	52.6	94.7
1222.8	20.3	1196.0	31.6	1196.0	31.6	103.5
1148.3	28.0	1197.6	39.5	1197.6	39.5	93.7
1109.7	22.4	1208.0	52.4	1208.0	52.4	87.8
1167.7	29.1	1210.6	63.3	1210.6	63.3	94.6
1161.9	21.0	1221.4	34.2	1221.4	34.2	92.5
1228.3	24.8	1238.6	43.3	1238.6	43.3	98.7
1224.4	37.0	1240.8	31.4	1240.8	31.4	97.9
1206.5	37.9	1244.2	45.7	1244.2	45.7	95.3
1236.1	22.7	1248.2	42.8	1248.2	42.8	98.5
1233.2	16.4	1255.7	32.3	1255.7	32.3	97.2
1211.0	23.0	1258.1	29.2	1258.1	29.2	94.2
1273.2	34.8	1267.8	39.4	1267.8	39.4	100.7
1232.3	37.2	1283.5	56.4	1283.5	56.4	93.7
1300.5	22.5	1293.9	33.7	1293.9	33.7	100.8
1288.2	19.5	1296.7	23.4	1296.7	23.4	98.9
1285.0	24.6	1303.4	41.2	1303.4	41.2	97.7
1271.8	33.1	1318.7	36.6	1318.7	36.6	94.3
1333.1	20.5	1319.0	31.5	1319.0	31.5	101.7
1302.4	31.0	1331.0	51.5	1331.0	51.5	96.5
1259.1	32.7	1332.5	53.8	1332.5	53.8	91.3
1319.5	21.7	1341.0	37.6	1341.0	37.6	97.4
1352.2	23.7	1345.7	35.5	1345.7	35.5	100.8
1305.4	24.6	1347.1	21.8	1347.1	21.8	95.0
1298.6	22.8	1349.1	28.7	1349.1	28.7	94.0
1274.5	26.4	1358.7	50.8	1358.7	50.8	90.2
1396.5	26.8	1368.4	33.3	1368.4	33.3	103.4
1362.8	28.2	1373.6	38.0	1373.6	38.0	98.7
1408.8	28.1	1376.4	33.0	1376.4	33.0	103.9
1403.6	30.6	1394.6	50.8	1394.6	50.8	101.1
1328.0	19.9	1402.4	35.0	1402.4	35.0	91.4
1309.1	32.2	1406.3	41.0	1406.3	41.0	88.9
1363.9	21.8	1408.8	35.9	1408.8	35.9	94.8
1374.2	28.0	1437.2	41.9	1437.2	41.9	92.8

1421.0	25.0	1441.4	25.8	1441.4	25.8	97.6
1386.3	28.0	1443.8	47.6	1443.8	47.6	93.4
1455.9	22.0	1444.8	27.9	1444.8	27.9	101.3
1385.3	27.0	1452.6	44.2	1452.6	44.2	92.4
1445.1	23.2	1464.5	25.7	1464.5	25.7	97.8
1485.0	23.7	1466.5	35.0	1466.5	35.0	102.1
1421.5	25.7	1468.8	34.9	1468.8	34.9	94.6
1409.1	26.9	1469.7	49.1	1469.7	49.1	93.2
1454.4	22.8	1470.1	26.7	1470.1	26.7	98.2
1451.6	28.1	1473.1	38.2	1473.1	38.2	97.6
1439.8	27.3	1474.2	43.7	1474.2	43.7	96.1
1365.0	32.2	1477.2	32.7	1477.2	32.7	87.6
1400.9	26.2	1480.8	35.9	1480.8	35.9	91.1
1448.3	25.0	1482.7	34.1	1482.7	34.1	96.1
1484.5	27.8	1490.8	32.0	1490.8	32.0	99.3
1496.6	33.7	1493.0	30.9	1493.0	30.9	100.4
1478.7	24.2	1493.0	33.1	1493.0	33.1	98.4
1472.6	30.9	1501.8	33.1	1501.8	33.1	96.7
1436.8	33.3	1504.1	46.7	1504.1	46.7	92.5
1463.1	32.4	1504.9	49.8	1504.9	49.8	95.3
1487.3	31.6	1506.7	32.5	1506.7	32.5	97.8
1468.4	28.4	1510.9	34.8	1510.9	34.8	95.3
1471.1	34.8	1511.6	48.4	1511.6	48.4	95.5
1472.9	42.2	1513.6	64.1	1513.6	64.1	95.5
1527.4	56.2	1561.4	29.8	1561.4	29.8	96.3
1606.8	35.0	1565.3	49.9	1565.3	49.9	104.7
1524.8	24.0	1569.1	31.1	1569.1	31.1	95.2
1611.5	30.5	1596.7	44.6	1596.7	44.6	101.6
1565.4	41.5	1598.7	66.3	1598.7	66.3	96.4
1623.6	23.7	1620.6	34.9	1620.6	34.9	100.3
1566.1	34.4	1620.6	39.0	1620.6	39.0	94.2
1616.9	23.8	1621.8	33.3	1621.8	33.3	99.5
1649.6	20.6	1625.6	28.6	1625.6	28.6	102.6
1623.4	24.5	1628.6	37.8	1628.6	37.8	99.4
1603.4	28.0	1631.0	41.2	1631.0	41.2	97.0
1627.9	27.3	1634.8	35.4	1634.8	35.4	99.3
1326.7	22.7	1636.3	27.6	1636.3	27.6	69.9
1597.3	34.1	1645.2	61.6	1645.2	61.6	94.9
1588.5	26.3	1651.2	36.2	1651.2	36.2	93.4
1626.5	34.2	1653.5	43.7	1653.5	43.7	97.1
1638.2	27.7	1653.8	41.0	1653.8	41.0	98.3
1624.0	28.8	1656.4	37.3	1656.4	37.3	96.5
1615.8	30.7	1657.5	27.9	1657.5	27.9	95.6
1616.7	24.5	1664.2	40.3	1664.2	40.3	95.0
1630.4	25.8	1667.4	30.8	1667.4	30.8	96.1
1654.8	29.1	1673.2	34.6	1673.2	34.6	98.0

1637.6	35.9	1684.4	21.8	1684.4	21.8	95.1
1736.5	24.1	1691.0	32.3	1691.0	32.3	104.9
1647.1	39.1	1695.1	57.8	1695.1	57.8	95.0
1645.1	24.0	1705.6	40.4	1705.6	40.4	93.7
1613.8	22.5	1711.1	29.6	1711.1	29.6	90.0
1676.9	31.6	1713.3	41.4	1713.3	41.4	96.2
1660.1	27.0	1717.5	37.9	1717.5	37.9	94.0
1737.5	31.2	1721.8	40.3	1721.8	40.3	101.7
1703.0	28.2	1724.2	38.7	1724.2	38.7	97.8
1661.8	21.2	1728.3	28.9	1728.3	28.9	93.1
1717.9	30.4	1729.7	29.0	1729.7	29.0	98.8
1752.2	25.9	1733.0	24.4	1733.0	24.4	102.0
1791.1	26.9	1734.6	34.8	1734.6	34.8	106.1
1708.2	41.5	1734.8	42.9	1734.8	42.9	97.2
1782.5	30.7	1744.7	27.9	1744.7	27.9	104.0
1695.2	25.6	1765.8	33.9	1765.8	33.9	92.8
1714.3	23.6	1766.0	26.6	1766.0	26.6	94.7
1739.0	20.1	1773.2	28.0	1773.2	28.0	96.5
1565.3	27.4	1781.6	37.7	1781.6	37.7	79.1
1573.7	24.2	1784.0	30.1	1784.0	30.1	79.7
1822.9	24.4	1792.8	30.2	1792.8	30.2	103.2
1797.2	37.9	1793.2	39.3	1793.2	39.3	100.4
1795.7	43.8	1793.8	46.3	1793.8	46.3	100.2
1754.7	35.2	1794.2	43.8	1794.2	43.8	96.0
1791.0	29.6	1816.3	34.3	1816.3	34.3	97.4
1785.6	32.1	1833.2	37.6	1833.2	37.6	95.2
1872.1	26.6	1838.4	32.6	1838.4	32.6	103.5
1719.2	25.9	1840.2	30.5	1840.2	30.5	88.1
1838.5	42.0	1866.2	41.4	1866.2	41.4	97.2
1843.0	41.9	1869.3	35.2	1869.3	35.2	97.4
1815.4	26.9	1874.4	34.9	1874.4	34.9	94.1
1874.9	26.4	1877.2	31.7	1877.2	31.7	99.8
1868.8	28.5	1900.7	37.6	1900.7	37.6	96.8
1895.0	35.2	1908.6	35.2	1908.6	35.2	98.6
1850.2	41.3	1911.9	28.3	1911.9	28.3	93.9
1888.7	28.4	1928.8	29.8	1928.8	29.8	96.0
1831.2	28.1	1944.8	26.4	1944.8	26.4	89.1
1847.0	25.4	1945.3	38.7	1945.3	38.7	90.5
1897.5	36.9	1973.3	42.4	1973.3	42.4	92.7
1912.1	39.6	1977.5	45.1	1977.5	45.1	93.7
1943.3	29.3	1981.5	42.1	1981.5	42.1	96.3
1686.3	35.9	1984.1	47.7	1984.1	47.7	73.5
1985.3	33.4	1995.2	29.4	1995.2	29.4	99.0
1956.3	40.9	2000.9	26.3	2000.9	26.3	95.7
2028.6	41.8	2002.3	31.6	2002.3	31.6	102.6
1982.1	36.2	2048.2	35.0	2048.2	35.0	93.7

2004.8	23.1	2059.6	29.2	2059.6	29.2	94.8
2156.7	34.3	2175.4	37.6	2175.4	37.6	98.2
2220.3	48.8	2261.4	31.2	2261.4	31.2	96.2
2423.9	32.0	2505.6	31.0	2505.6	31.0	92.9
2484.5	36.6	2521.0	34.3	2521.0	34.3	96.8
2522.0	24.7	2531.5	28.3	2531.5	28.3	99.2
2587.9	25.6	2599.0	27.9	2599.0	27.9	99.0
2609.9	30.0	2606.1	21.2	2606.1	21.2	100.3
2688.3	32.6	2667.2	31.0	2667.2	31.0	101.8
2524.8	32.0	2674.0	26.3	2674.0	26.3	87.6
2635.5	31.1	2676.8	35.9	2676.8	35.9	96.5
2634.0	31.4	2681.0	33.6	2681.0	33.6	96.0
2643.0	24.5	2687.6	23.5	2687.6	23.5	96.2
2641.4	42.2	2688.2	38.6	2688.2	38.6	96.0
2660.2	30.8	2694.1	24.5	2694.1	24.5	97.1
2650.8	38.5	2702.0	29.5	2702.0	29.5	95.6
2688.0	54.4	2706.0	29.8	2706.0	29.8	98.5
2701.1	37.7	2715.8	29.1	2715.8	29.1	98.7
2683.6	33.6	2724.7	36.8	2724.7	36.8	96.5
2680.0	34.3	2732.0	28.7	2732.0	28.7	95.6
2745.3	54.3	2765.6	32.6	2765.6	32.6	98.3
2756.2	29.9	2772.8	30.6	2772.8	30.6	98.6
2700.8	24.3	2919.3	28.0	2919.3	28.0	82.8
3065.4	29.2	2955.7	26.0	2955.7	26.0	109.5
3057.1	30.7	3050.4	30.0	3050.4	30.0	100.5
3225.1	38.7	3277.4	35.7	3277.4	35.7	95.9

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
111.6	4.4	203.6	62.2	107.3	3.3	NA
219.0	8.3	216.8	84.3	219.2	4.6	NA
252.2	9.1	273.9	60.6	249.9	7.6	NA
253.2	5.8	190.8	45.0	260.0	4.4	NA
272.1	5.8	290.0	33.6	270.1	5.1	NA
302.5	10.0	393.8	72.7	290.8	5.8	NA
304.8	8.9	343.1	62.9	299.9	5.7	NA
301.4	9.2	308.2	65.7	300.5	5.9	NA
314.8	13.6	334.3	104.4	312.2	6.2	NA
326.3	6.6	359.5	41.7	321.7	4.6	NA
341.3	7.5	375.2	45.7	336.4	5.2	NA
335.6	5.4	323.9	27.1	337.2	4.8	NA
337.4	7.3	318.4	47.0	340.2	4.9	NA
337.6	8.2	290.1	29.8	344.6	8.5	NA
343.7	6.6	326.5	36.7	346.2	5.4	NA
367.1	8.2	394.5	43.8	362.8	6.4	NA

368.3	6.8	387.3	34.5	365.3	5.5	NA
371.0	6.7	357.5	39.9	373.2	4.5	NA
386.8	11.1	422.2	67.4	380.9	6.1	NA
389.2	8.0	415.3	43.4	384.8	5.8	NA
388.8	12.3	370.6	74.7	391.9	7.0	NA
395.9	9.1	388.2	46.9	397.2	7.1	NA
410.6	12.2	476.6	55.8	398.9	10.1	NA
403.0	7.3	391.7	29.9	405.0	6.9	103.4
406.0	8.1	402.1	43.6	406.7	5.7	101.1
410.6	8.0	414.2	36.4	409.9	6.8	99.0
410.1	10.9	402.2	53.4	411.5	8.7	102.3
413.7	9.3	415.0	50.3	413.5	6.3	99.6
418.2	16.0	442.6	47.8	413.8	16.7	93.5
420.9	11.1	445.8	59.9	416.3	7.1	93.4
420.7	11.0	427.5	44.2	419.5	10.1	98.1
432.8	8.5	468.5	38.6	426.1	6.9	91.0
434.8	11.7	474.6	65.8	427.4	6.0	90.0
430.3	10.2	418.2	25.9	432.5	11.2	103.4
437.4	7.7	447.7	40.5	435.4	5.0	97.3
436.3	8.6	426.0	35.7	438.3	7.7	102.9
435.6	7.0	419.0	30.5	438.8	6.0	104.7
445.0	9.7	476.4	44.4	438.9	7.6	92.1
453.0	10.5	460.3	31.3	451.6	10.9	98.1
463.9	6.3	515.5	21.9	453.5	6.0	88.0
460.7	13.6	466.5	69.0	459.5	8.6	98.5
468.4	17.6	504.8	96.8	461.0	7.3	91.3
463.2	10.2	468.6	37.7	462.1	9.5	98.6
472.3	7.4	484.1	35.5	469.9	5.0	97.1
473.6	9.9	476.9	49.6	472.9	6.2	99.1
524.5	9.4	539.3	33.0	521.1	8.7	96.6
528.2	20.3	542.6	99.3	524.8	9.5	96.7
541.1	11.0	547.7	41.6	539.5	9.3	98.5
543.5	19.4	555.6	94.9	540.6	8.1	97.3
551.7	13.5	572.9	53.5	546.6	10.6	95.4
561.1	19.5	556.4	87.3	562.2	11.4	101.1
575.1	13.0	604.9	42.3	567.5	12.1	93.8
575.7	12.5	602.6	53.8	568.9	7.6	94.4
577.0	9.2	574.1	32.6	577.7	8.1	100.6
600.7	11.4	685.7	43.9	578.4	8.0	84.4
594.3	9.1	638.3	32.7	582.9	7.5	91.3
590.7	18.8	608.3	73.4	586.2	13.9	96.4
607.3	12.6	654.8	48.7	594.6	9.0	90.8
605.7	15.9	630.8	57.2	599.0	13.0	95.0
603.7	22.2	619.1	94.9	599.6	12.0	96.8
604.5	12.1	607.6	44.1	603.7	9.9	99.3
618.1	20.8	670.1	50.4	604.0	22.0	90.1

606.0	15.7	593.9	56.9	609.2	13.0	102.6
619.5	13.5	655.6	43.9	609.7	12.1	93.0
611.6	10.0	613.0	37.7	611.3	7.5	99.7
616.7	10.3	622.7	36.3	615.0	8.6	98.8
636.9	15.2	715.2	50.3	615.1	12.8	86.0
614.7	18.9	603.8	76.4	617.7	12.1	102.3
624.9	9.8	642.5	29.9	620.0	9.3	96.5
622.2	11.2	605.4	34.8	626.9	10.6	103.5
643.1	20.8	698.3	81.1	627.5	12.8	89.9
638.9	14.2	671.9	37.6	629.6	14.5	93.7
641.8	12.9	672.2	42.0	633.2	11.2	94.2
643.6	12.4	633.1	44.9	646.7	9.5	102.1
921.1	19.6	914.2	55.6	914.2	55.6	101.1
925.3	15.5	924.5	34.3	924.5	34.3	100.1
896.8	14.9	928.0	37.8	928.0	37.8	95.3
918.5	14.8	933.9	40.2	933.9	40.2	97.7
918.8	18.7	938.1	51.7	938.1	51.7	97.1
954.1	20.9	957.6	53.8	957.6	53.8	99.5
953.4	19.8	966.3	46.6	966.3	46.6	98.1
967.2	16.2	970.0	48.1	970.0	48.1	99.6
962.2	11.9	970.7	25.7	970.7	25.7	98.7
998.7	18.5	992.3	43.9	992.3	43.9	100.9
1008.8	27.3	998.1	75.0	998.1	75.0	101.6
1019.1	16.9	998.7	39.3	998.7	39.3	103.0
956.0	18.1	999.9	50.3	999.9	50.3	93.7
979.3	14.5	999.9	37.8	999.9	37.8	97.0
1019.1	14.4	1002.9	38.0	1002.9	38.0	102.4
997.3	15.2	1006.3	35.5	1006.3	35.5	98.7
1011.9	14.6	1006.9	30.8	1006.9	30.8	100.7
1001.7	12.0	1007.0	23.7	1007.0	23.7	99.2
979.8	17.5	1007.8	47.3	1007.8	47.3	96.0
1008.9	18.1	1009.7	47.3	1009.7	47.3	99.9
982.7	13.5	1009.9	26.4	1009.9	26.4	96.1
1026.2	15.1	1015.4	31.9	1015.4	31.9	101.6
1003.4	14.7	1016.7	31.8	1016.7	31.8	98.1
1025.9	17.0	1017.2	43.9	1017.2	43.9	101.3
1017.2	20.0	1017.6	41.5	1017.6	41.5	99.9
983.2	15.9	1018.0	42.5	1018.0	42.5	95.1
1018.6	14.9	1018.1	25.0	1018.1	25.0	100.1
1022.7	13.1	1019.1	23.7	1019.1	23.7	100.5
1006.8	15.8	1019.8	32.1	1019.8	32.1	98.1
964.4	18.5	1020.7	42.2	1020.7	42.2	92.1
932.1	24.0	1021.4	61.0	1021.4	61.0	87.6
946.8	23.6	1021.7	36.6	1021.7	36.6	89.6
1009.2	12.7	1021.7	30.9	1021.7	30.9	98.2
1021.2	13.6	1024.0	24.4	1024.0	24.4	99.6

1026.8	11.1	1024.8	15.5	1024.8	15.5	100.3
963.5	13.8	1024.8	27.9	1024.8	27.9	91.4
1025.6	13.4	1025.9	33.0	1025.9	33.0	99.9
1041.5	16.5	1026.1	27.2	1026.1	27.2	102.2
1039.7	19.6	1026.4	41.7	1026.4	41.7	101.9
1024.1	15.2	1029.8	35.3	1029.8	35.3	99.2
1043.9	16.8	1030.7	40.3	1030.7	40.3	101.9
1062.4	15.5	1032.8	30.7	1032.8	30.7	104.3
1015.7	15.1	1036.2	33.1	1036.2	33.1	97.1
1001.5	15.2	1037.1	32.7	1037.1	32.7	95.0
1027.9	14.4	1038.3	22.0	1038.3	22.0	98.5
1045.0	12.2	1039.0	20.1	1039.0	20.1	100.9
1034.5	12.8	1041.3	32.0	1041.3	32.0	99.0
1063.0	21.1	1042.0	51.5	1042.0	51.5	103.0
1007.0	13.9	1042.6	36.2	1042.6	36.2	95.0
1051.0	22.8	1043.0	33.8	1043.0	33.8	101.1
1026.0	14.9	1044.3	31.4	1044.3	31.4	97.4
1020.3	13.6	1045.0	31.8	1045.0	31.8	96.5
1003.4	11.3	1045.1	23.6	1045.1	23.6	94.2
1017.4	22.6	1045.6	24.2	1045.6	24.2	96.0
1040.6	20.2	1045.9	48.4	1045.9	48.4	99.2
1036.9	20.7	1047.2	54.6	1047.2	54.6	98.6
1002.4	15.0	1047.3	32.1	1047.3	32.1	93.8
1041.2	16.1	1048.1	28.7	1048.1	28.7	99.0
1028.1	16.2	1057.4	29.5	1057.4	29.5	95.9
1069.9	13.4	1057.5	28.9	1057.5	28.9	101.7
1033.7	15.7	1057.5	30.7	1057.5	30.7	96.7
1033.7	27.9	1058.2	27.3	1058.2	27.3	96.6
1052.2	18.6	1058.8	40.7	1058.8	40.7	99.1
1015.6	18.6	1059.6	49.0	1059.6	49.0	93.9
1086.9	11.1	1060.8	21.2	1060.8	21.2	103.7
1057.8	19.1	1061.0	48.1	1061.0	48.1	99.6
1033.5	19.3	1061.2	39.1	1061.2	39.1	96.2
1056.9	13.2	1062.3	25.7	1062.3	25.7	99.2
1057.7	12.7	1064.8	21.3	1064.8	21.3	99.0
1016.8	20.6	1066.7	42.7	1066.7	42.7	93.2
1050.0	13.4	1069.3	29.8	1069.3	29.8	97.3
1054.8	13.6	1075.2	22.3	1075.2	22.3	97.2
1038.7	25.5	1075.6	63.4	1075.6	63.4	95.0
1045.1	17.1	1076.2	37.4	1076.2	37.4	95.7
1053.1	17.0	1080.7	33.5	1080.7	33.5	96.2
1036.2	14.1	1083.5	30.3	1083.5	30.3	93.6
1041.4	28.2	1083.9	48.0	1083.9	48.0	94.2
1080.5	16.0	1084.3	22.8	1084.3	22.8	99.5
1054.6	32.1	1084.3	49.7	1084.3	49.7	95.9
1058.5	21.0	1089.7	51.2	1089.7	51.2	95.8

1063.9	14.8	1089.9	32.1	1089.9	32.1	96.5
1082.7	16.5	1092.4	19.1	1092.4	19.1	98.7
1058.7	11.9	1093.8	20.9	1093.8	20.9	95.2
1092.3	13.6	1095.8	28.6	1095.8	28.6	99.5
1071.9	13.5	1097.4	26.7	1097.4	26.7	96.5
1059.1	20.2	1097.7	54.3	1097.7	54.3	94.8
1057.2	21.3	1098.5	45.6	1098.5	45.6	94.4
1070.5	19.3	1101.8	45.6	1101.8	45.6	95.8
1072.5	21.2	1103.0	45.1	1103.0	45.1	95.9
1086.4	13.7	1106.8	26.0	1106.8	26.0	97.2
1064.0	26.3	1107.0	40.1	1107.0	40.1	94.2
1101.4	16.6	1108.0	31.7	1108.0	31.7	99.1
1088.5	22.6	1111.6	53.7	1111.6	53.7	96.9
1122.4	18.8	1116.5	49.9	1116.5	49.9	100.8
1116.9	18.4	1118.2	40.4	1118.2	40.4	99.8
1135.2	19.9	1121.5	40.0	1121.5	40.0	101.9
1107.9	18.3	1122.5	36.9	1122.5	36.9	98.0
1093.3	21.7	1126.1	45.8	1126.1	45.8	95.6
1081.7	15.0	1127.0	31.6	1127.0	31.6	94.0
1104.8	12.6	1127.5	26.9	1127.5	26.9	97.0
1041.0	11.9	1131.1	23.8	1131.1	23.8	88.3
1108.1	13.8	1135.2	24.3	1135.2	24.3	96.4
1079.8	17.4	1137.4	44.1	1137.4	44.1	92.5
1147.0	15.6	1140.2	21.5	1140.2	21.5	100.9
1106.4	17.5	1142.3	36.1	1142.3	36.1	95.3
1151.3	15.7	1142.6	25.5	1142.6	25.5	101.2
1058.2	23.6	1145.0	62.8	1145.0	62.8	88.8
1157.0	12.1	1154.0	25.0	1154.0	25.0	100.4
1122.8	15.6	1156.6	27.3	1156.6	27.3	95.6
1011.4	11.8	1159.3	23.2	1159.3	23.2	81.5
1173.8	12.1	1160.1	18.6	1160.1	18.6	101.8
1158.6	10.9	1164.3	21.1	1164.3	21.1	99.2
1134.0	13.9	1167.6	25.3	1167.6	25.3	95.6
1135.8	19.8	1168.7	22.9	1168.7	22.9	95.7
1126.5	32.6	1170.8	49.8	1170.8	49.8	94.3
1142.7	15.5	1171.0	36.8	1171.0	36.8	96.3
1161.4	25.0	1172.6	61.1	1172.6	61.1	98.5
1163.4	15.2	1174.6	34.1	1174.6	34.1	98.5
1164.9	24.2	1183.9	59.7	1183.9	59.7	97.5
1149.5	31.2	1190.2	40.6	1190.2	40.6	94.8
1162.3	20.5	1192.3	40.6	1192.3	40.6	96.1
1164.3	13.3	1196.8	26.4	1196.8	26.4	95.8
1146.2	20.5	1197.9	35.9	1197.9	35.9	93.4
1178.1	24.9	1199.2	49.6	1199.2	49.6	97.3
1205.8	11.0	1199.9	19.9	1199.9	19.9	100.8
1181.8	21.9	1205.2	34.3	1205.2	34.3	97.0

1227.6	17.4	1207.4	32.1	1207.4	32.1	102.6
1113.0	29.6	1218.4	35.2	1218.4	35.2	87.0
1159.8	26.0	1223.5	53.3	1223.5	53.3	92.0
1207.3	16.5	1239.4	31.7	1239.4	31.7	96.0
1222.0	21.4	1247.8	49.0	1247.8	49.0	96.8
1231.3	14.7	1250.2	29.0	1250.2	29.0	97.6
1213.2	21.9	1254.8	39.0	1254.8	39.0	94.8
1251.5	12.7	1261.7	23.4	1261.7	23.4	98.7
1260.1	15.0	1270.0	23.5	1270.0	23.5	98.8
1263.2	19.3	1274.5	26.1	1274.5	26.1	98.6
1269.9	14.5	1328.8	26.2	1328.8	26.2	93.0
1350.8	17.2	1332.3	37.3	1332.3	37.3	102.3
1322.3	17.9	1335.2	25.2	1335.2	25.2	98.4
1297.3	13.7	1335.7	23.8	1335.7	23.8	95.4
1318.5	23.3	1337.6	29.7	1337.6	29.7	97.7
1272.1	22.1	1341.2	46.9	1341.2	46.9	91.8
1370.5	17.3	1349.3	20.9	1349.3	20.9	102.6
1327.2	18.3	1349.8	36.3	1349.8	36.3	97.3
1364.9	16.1	1352.5	25.2	1352.5	25.2	101.5
1379.1	15.7	1368.7	26.1	1368.7	26.1	101.2
1367.9	23.3	1383.4	33.3	1383.4	33.3	98.2
1370.8	12.0	1384.4	16.6	1384.4	16.6	98.4
1343.6	22.3	1386.1	25.3	1386.1	25.3	95.0
1348.7	18.5	1389.2	34.1	1389.2	34.1	95.2
1382.7	13.1	1412.6	17.2	1412.6	17.2	96.5
1410.1	18.2	1428.9	23.8	1428.9	23.8	97.8
1419.9	15.5	1437.0	28.6	1437.0	28.6	98.0
1368.6	23.4	1441.2	35.1	1441.2	35.1	91.8
1433.3	17.4	1441.2	31.7	1441.2	31.7	99.1
1388.5	15.2	1444.9	21.8	1444.9	21.8	93.6
1422.7	19.9	1445.3	26.1	1445.3	26.1	97.4
1496.5	17.7	1457.0	19.8	1457.0	19.8	104.6
1443.6	15.0	1461.6	27.0	1461.6	27.0	97.9
1442.6	23.4	1463.7	34.8	1463.7	34.8	97.6
1459.0	21.8	1467.1	38.5	1467.1	38.5	99.1
1460.8	24.2	1476.9	27.7	1476.9	27.7	98.2
1463.0	16.8	1480.2	21.4	1480.2	21.4	98.0
1447.1	19.6	1481.2	32.9	1481.2	32.9	96.1
1475.6	16.4	1481.7	17.5	1481.7	17.5	99.3
1498.5	16.9	1495.8	24.4	1495.8	24.4	100.3
1485.1	15.9	1496.8	24.5	1496.8	24.5	98.7
1487.8	16.3	1515.1	25.8	1515.1	25.8	96.9
1454.9	20.6	1542.9	36.1	1542.9	36.1	90.4
1520.5	18.6	1549.6	17.3	1549.6	17.3	96.8
1535.4	13.6	1555.7	24.6	1555.7	24.6	97.8
1544.3	22.9	1557.6	21.6	1557.6	21.6	98.5

1527.7	13.6	1567.3	19.3	1567.3	19.3	95.7
1570.2	22.2	1601.7	29.1	1601.7	29.1	96.6
1570.3	19.6	1620.7	29.9	1620.7	29.9	94.6
1604.9	28.6	1621.1	31.3	1621.1	31.3	98.2
1621.4	16.6	1630.3	25.2	1630.3	25.2	99.0
1626.9	15.5	1635.5	21.3	1635.5	21.3	99.1
1633.7	19.3	1639.7	18.4	1639.7	18.4	99.4
1610.0	18.3	1640.1	26.4	1640.1	26.4	96.8
1665.9	14.4	1643.3	20.6	1643.3	20.6	102.5
1646.8	19.6	1644.1	26.5	1644.1	26.5	100.3
1631.2	20.8	1648.4	26.6	1648.4	26.6	98.1
1632.8	17.4	1648.6	28.3	1648.6	28.3	98.3
1665.8	21.5	1648.6	18.9	1648.6	18.9	101.9
1636.3	18.3	1653.6	30.2	1653.6	30.2	98.1
1652.6	16.6	1654.5	22.4	1654.5	22.4	99.8
1635.7	15.2	1658.9	27.4	1658.9	27.4	97.5
1645.1	18.2	1669.7	25.7	1669.7	25.7	97.4
1701.6	20.3	1680.4	24.6	1680.4	24.6	102.3
1701.7	20.9	1708.7	30.8	1708.7	30.8	99.3
1691.8	24.7	1713.1	39.9	1713.1	39.9	97.8
1724.6	18.8	1723.1	30.3	1723.1	30.3	100.2
1702.9	14.9	1723.8	18.3	1723.8	18.3	97.8
1701.2	16.2	1726.3	20.6	1726.3	20.6	97.4
1731.2	16.0	1728.1	26.5	1728.1	26.5	100.3
1729.4	15.9	1729.7	20.0	1729.7	20.0	100.0
1725.1	15.7	1730.9	24.3	1730.9	24.3	99.4
1734.7	18.7	1733.7	22.5	1733.7	22.5	100.1
1736.1	16.1	1740.1	17.6	1740.1	17.6	99.6
1744.8	20.7	1744.6	35.2	1744.6	35.2	100.0
1729.2	18.2	1747.2	27.4	1747.2	27.4	98.1
1742.2	15.4	1759.5	20.3	1759.5	20.3	98.2
1734.7	13.9	1769.2	22.1	1769.2	22.1	96.4
1739.8	21.0	1775.4	15.7	1775.4	15.7	96.3
1717.0	21.4	1801.1	38.0	1801.1	38.0	91.5
1845.9	19.8	1821.9	25.2	1821.9	25.2	102.5
1824.4	15.1	1835.9	19.3	1835.9	19.3	98.8
1825.8	17.7	1836.4	23.1	1836.4	23.1	98.9
1824.7	19.2	1840.2	29.6	1840.2	29.6	98.4
1838.4	17.7	1877.9	17.3	1877.9	17.3	96.0
1896.2	17.0	1893.8	21.2	1893.8	21.2	100.2
1890.6	21.6	1928.9	35.8	1928.9	35.8	96.2
1945.8	15.6	1932.7	22.3	1932.7	22.3	101.3
1977.8	14.4	1980.9	18.3	1980.9	18.3	99.7
1964.0	16.1	1995.2	23.8	1995.2	23.8	97.0
1991.7	14.7	2003.9	15.3	2003.9	15.3	98.8
2002.5	16.3	2011.1	21.1	2011.1	21.1	99.2

2032.6	16.2	2028.0	21.2	2028.0	21.2	100.5
2059.3	24.3	2062.6	28.9	2062.6	28.9	99.7
2069.0	22.6	2086.1	19.7	2086.1	19.7	98.4
2076.1	16.1	2087.7	13.9	2087.7	13.9	98.9
2067.2	15.3	2092.1	20.0	2092.1	20.0	97.6
2099.4	20.4	2140.5	27.6	2140.5	27.6	96.1
2399.3	22.6	2434.0	22.0	2434.0	22.0	96.9
2325.3	32.8	2457.7	14.6	2457.7	14.6	88.6
2560.9	19.4	2571.0	23.5	2571.0	23.5	99.1
2620.3	22.9	2696.0	13.9	2696.0	13.9	93.6
2671.4	24.0	2699.6	22.1	2699.6	22.1	97.6
2638.7	19.0	2706.7	17.3	2706.7	17.3	94.2
2674.8	20.8	2713.3	25.3	2713.3	25.3	96.7
2722.3	14.5	2726.2	9.6	2726.2	9.6	99.7
2756.9	20.5	2764.0	15.3	2764.0	15.3	99.4
2894.3	31.7	2921.4	37.0	2921.4	37.0	97.7

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
111.8	9.4	147.5	202.4	110.1	2.5	NA
102.1	7.6	100.8	176.2	111.0	3.5	NA
115.8	10.9	179.7	220.0	112.7	3.6	NA
107.3	6.8	20.9	150.7	113.2	2.7	NA
108.9	7.2	5.0	153.9	114.2	3.1	NA
118.0	12.5	186.5	220.6	114.6	6.9	NA
115.4	10.2	120.4	203.2	115.2	4.2	NA
128.0	9.6	371.1	158.5	115.3	4.3	NA
123.8	7.1	277.6	112.3	115.9	4.1	NA
106.5	7.3	104.8	162.6	116.1	3.3	NA
122.5	10.3	244.1	197.7	116.3	2.9	NA
113.7	9.1	1.5	182.4	119.1	4.4	NA
115.1	8.4	18.6	156.6	119.9	4.8	NA
170.9	8.5	223.9	119.9	167.0	2.5	NA
311.2	8.8	1375.1	28.9	188.5	5.4	NA
226.4	7.2	263.0	51.6	222.9	5.9	NA
229.6	12.4	256.0	104.5	227.1	8.9	NA
230.4	15.0	223.0	155.2	231.1	6.3	NA
229.9	5.4	209.4	52.8	231.9	3.0	NA
233.8	8.3	221.9	84.7	235.0	3.7	NA
245.0	7.1	320.5	55.0	237.2	5.0	NA
246.6	6.0	251.1	48.9	246.1	4.1	NA
246.0	8.4	240.3	62.2	246.6	6.6	NA
251.3	8.6	290.0	53.8	247.2	7.4	NA
254.7	8.1	314.1	70.1	248.3	4.5	NA
253.5	6.5	232.9	42.5	255.7	5.6	NA

252.6	7.4	188.2	69.7	259.6	3.5	NA
268.1	7.2	315.0	51.1	262.7	5.4	NA
265.1	6.0	269.4	35.4	264.6	5.3	NA
270.0	16.6	286.8	149.0	268.0	6.7	NA
274.8	10.6	298.9	90.9	272.0	5.1	NA
311.0	17.4	488.3	118.7	287.9	10.2	NA
288.4	8.3	282.1	62.5	289.2	5.2	NA
317.3	12.6	376.8	92.1	309.2	6.6	NA
319.4	11.5	349.5	84.9	315.2	5.7	NA
325.0	9.0	341.4	61.3	322.8	5.6	NA
328.4	7.3	309.4	45.3	331.0	5.4	NA
361.3	8.3	409.9	39.7	353.8	7.2	NA
368.4	13.2	460.2	77.5	354.0	8.4	NA
365.4	5.9	377.6	26.5	363.4	5.4	NA
359.9	10.2	329.5	52.0	364.6	8.8	NA
379.2	8.8	444.9	41.6	368.5	7.3	NA
370.8	11.1	361.8	73.6	372.2	5.2	NA
378.1	13.1	404.2	64.1	373.8	10.8	NA
376.9	10.1	383.0	65.5	375.9	4.9	NA
385.5	19.5	409.6	124.0	381.5	9.2	NA
389.9	7.4	388.4	35.4	390.1	6.3	NA
399.1	15.1	445.1	46.0	391.2	15.5	NA
827.0	144.4	2274.5	440.3	396.3	13.6	NA
413.4	15.4	484.9	63.7	400.8	13.6	82.7
403.7	10.5	412.0	32.0	402.2	10.9	97.6
398.5	10.0	343.5	51.3	408.0	8.0	118.8
411.0	9.4	422.6	42.4	409.0	8.1	96.8
411.2	11.0	402.4	55.2	412.8	8.5	102.6
425.7	9.3	479.9	32.5	415.8	9.0	86.6
428.3	13.3	480.5	44.3	418.6	13.2	87.1
429.6	9.6	478.7	44.2	420.4	7.7	87.8
425.4	10.7	447.5	53.5	421.3	7.8	94.1
421.8	10.3	404.0	41.8	425.1	9.6	105.2
431.9	15.2	463.5	78.1	426.0	10.4	91.9
500.0	34.4	851.0	173.1	426.8	10.7	50.1
427.6	11.5	431.8	59.7	426.8	7.8	98.8
426.6	11.4	413.8	41.6	429.0	11.2	103.7
436.8	11.5	468.9	56.3	430.8	8.3	91.9
426.8	12.5	387.5	56.4	434.1	10.8	112.0
440.9	12.2	467.5	42.2	435.8	11.9	93.2
436.5	11.1	431.9	43.3	437.3	10.3	101.3
417.7	19.6	302.3	103.7	438.8	14.8	145.1
572.7	55.5	1003.1	181.2	470.3	40.8	46.9
476.6	15.3	492.9	74.6	473.2	9.8	96.0
484.6	12.3	494.2	51.2	482.6	10.1	97.7
518.2	20.6	551.6	87.8	510.7	15.3	92.6

533.1	15.2	554.2	50.6	528.2	14.4	95.3
532.2	11.1	526.7	45.9	533.5	8.5	101.3
558.1	14.0	654.3	58.7	534.9	9.0	81.7
658.0	26.3	1090.7	86.2	539.0	17.1	49.4
547.1	12.4	564.1	52.4	543.0	8.7	96.2
539.6	13.1	513.3	48.1	545.8	11.8	106.3
554.0	12.0	577.8	48.1	548.3	9.1	94.9
553.2	13.4	559.9	34.6	551.6	14.4	98.5
571.3	11.6	624.9	43.3	558.0	9.3	89.3
570.8	12.5	587.5	38.7	566.7	12.1	96.5
569.3	15.1	573.9	58.9	568.2	11.8	99.0
575.3	14.4	587.1	40.1	572.4	14.9	97.5
583.3	26.8	621.5	86.7	573.5	24.8	92.3
582.7	13.7	609.2	51.5	576.0	10.8	94.6
592.4	11.6	638.9	36.9	580.4	10.8	90.8
600.7	25.7	670.8	104.8	582.3	15.8	86.8
587.2	18.7	598.4	77.0	584.4	12.3	97.7
610.6	23.1	689.2	64.2	589.6	22.7	85.6
592.1	16.9	601.2	72.9	589.7	9.4	98.1
607.7	11.9	638.5	28.1	599.4	12.8	93.9
607.3	10.2	634.7	33.1	600.0	9.2	94.5
611.0	17.3	629.7	54.7	606.0	16.1	96.2
606.8	16.2	594.6	59.4	610.1	13.2	102.6
613.4	23.6	624.9	52.8	610.3	26.2	97.7
614.4	14.2	618.4	30.5	613.3	16.1	99.2
618.2	10.6	630.0	32.1	615.0	10.3	97.6
625.5	16.3	650.7	51.0	618.6	15.1	95.1
616.6	11.3	597.2	34.8	622.0	10.9	104.2
630.6	10.0	648.2	36.1	625.8	7.9	96.5
632.1	12.2	653.2	40.4	626.3	10.7	95.9
634.9	12.5	659.2	34.3	628.1	12.7	95.3
635.3	11.2	635.4	34.1	635.3	10.8	100.0
680.3	16.3	703.6	31.9	673.3	18.7	95.7
714.1	17.4	695.3	49.2	720.1	16.9	103.6
764.0	27.5	780.7	28.5	758.3	35.4	97.1
827.5	18.1	802.4	28.9	836.9	22.7	104.3
996.0	16.0	952.4	43.5	952.4	43.5	106.7
995.9	20.2	952.6	47.5	952.6	47.5	106.6
970.0	17.0	955.1	43.4	955.1	43.4	102.2
943.9	16.1	957.1	41.6	957.1	41.6	98.0
984.6	16.2	972.4	43.5	972.4	43.5	101.8
900.9	18.7	975.9	41.4	975.9	41.4	89.2
987.8	17.9	976.4	33.5	976.4	33.5	101.7
995.5	17.5	977.4	35.5	977.4	35.5	102.7
998.0	16.9	978.9	26.9	978.9	26.9	102.8
964.7	15.6	979.8	39.0	979.8	39.0	97.8

1033.2	13.5	985.3	33.4	985.3	33.4	107.2
927.0	27.7	988.0	53.3	988.0	53.3	91.2
996.3	19.9	991.3	48.9	991.3	48.9	100.7
1013.5	15.9	992.5	31.6	992.5	31.6	103.1
990.3	21.1	993.1	54.7	993.1	54.7	99.6
1006.1	24.2	994.2	38.5	994.2	38.5	101.7
998.2	15.3	998.0	24.5	998.0	24.5	100.0
965.3	19.3	998.2	34.5	998.2	34.5	95.3
1018.0	18.5	998.7	30.7	998.7	30.7	102.8
951.5	21.4	999.3	50.0	999.3	50.0	93.2
986.0	17.9	1001.9	46.3	1001.9	46.3	97.7
992.0	19.9	1002.3	41.7	1002.3	41.7	98.5
1002.8	12.9	1004.4	19.8	1004.4	19.8	99.8
984.0	24.8	1006.5	34.6	1006.5	34.6	96.8
1022.7	19.2	1007.9	34.0	1007.9	34.0	102.2
973.3	17.6	1008.8	31.9	1008.8	31.9	94.9
976.2	19.1	1010.4	45.5	1010.4	45.5	95.1
971.2	16.1	1012.0	27.5	1012.0	27.5	94.2
1043.0	13.4	1012.3	24.5	1012.3	24.5	104.5
1003.2	18.4	1012.4	39.9	1012.4	39.9	98.7
1041.0	64.7	1012.5	20.8	1012.5	20.8	104.2
998.3	18.4	1014.1	38.2	1014.1	38.2	97.7
1052.8	17.7	1014.6	34.6	1014.6	34.6	105.6
997.7	14.5	1015.2	30.4	1015.2	30.4	97.5
985.8	17.0	1015.6	28.1	1015.6	28.1	95.7
1015.1	19.2	1015.9	40.3	1015.9	40.3	99.9
1034.3	14.2	1016.0	33.7	1016.0	33.7	102.7
1046.0	17.2	1016.6	40.2	1016.6	40.2	104.3
1017.0	12.8	1017.9	24.0	1017.9	24.0	99.9
1008.1	16.0	1020.7	35.5	1020.7	35.5	98.2
1046.5	24.6	1021.2	60.3	1021.2	60.3	103.7
1015.7	18.4	1023.3	36.1	1023.3	36.1	98.9
1017.7	16.0	1024.5	31.3	1024.5	31.3	99.0
1015.1	19.6	1024.8	47.8	1024.8	47.8	98.6
1012.5	18.9	1025.4	32.6	1025.4	32.6	98.2
1014.3	15.9	1026.7	30.7	1026.7	30.7	98.2
1008.2	21.5	1027.0	24.0	1027.0	24.0	97.3
1016.3	22.2	1027.3	54.1	1027.3	54.1	98.4
1031.9	17.7	1030.0	27.5	1030.0	27.5	100.3
1029.6	13.9	1031.0	30.5	1031.0	30.5	99.8
1003.3	24.0	1031.2	64.0	1031.2	64.0	96.1
1026.2	23.6	1031.5	54.7	1031.5	54.7	99.2
1031.0	27.5	1032.7	35.5	1032.7	35.5	99.8
1037.1	12.4	1034.1	26.5	1034.1	26.5	100.4
1048.4	15.7	1036.2	33.2	1036.2	33.2	101.7
1026.7	23.4	1037.6	61.0	1037.6	61.0	98.5

1038.0	25.8	1038.3	27.4	1038.3	27.4	100.0
1011.5	21.0	1039.0	35.9	1039.0	35.9	96.1
1013.0	19.4	1042.1	42.9	1042.1	42.9	95.9
1011.9	17.7	1044.1	32.5	1044.1	32.5	95.5
1025.4	21.2	1044.5	36.3	1044.5	36.3	97.3
1019.2	22.8	1047.1	52.2	1047.1	52.2	96.1
1039.6	16.4	1047.5	30.1	1047.5	30.1	98.9
1053.2	18.0	1047.6	41.2	1047.6	41.2	100.8
1005.7	15.2	1049.0	32.3	1049.0	32.3	94.0
1085.1	23.4	1050.4	39.3	1050.4	39.3	104.9
1042.6	12.7	1051.7	24.6	1051.7	24.6	98.7
1045.3	17.8	1052.3	23.3	1052.3	23.3	99.0
1020.2	14.4	1052.4	33.2	1052.4	33.2	95.5
992.6	23.2	1055.3	51.1	1055.3	51.1	91.4
1024.2	21.4	1061.5	42.7	1061.5	42.7	94.8
1046.2	19.5	1063.4	45.8	1063.4	45.8	97.6
1024.7	19.8	1065.6	41.1	1065.6	41.1	94.4
1044.7	28.8	1073.8	35.7	1073.8	35.7	96.0
1078.0	15.7	1080.0	33.7	1080.0	33.7	99.7
1039.6	16.6	1081.8	34.9	1081.8	34.9	94.3
1126.0	42.0	1082.1	53.9	1082.1	53.9	106.2
1031.1	22.9	1084.8	54.9	1084.8	54.9	92.7
1065.1	13.6	1085.8	27.6	1085.8	27.6	97.2
1096.6	41.7	1085.9	36.7	1085.9	36.7	101.5
1050.2	18.0	1086.2	40.0	1086.2	40.0	95.1
1041.4	16.8	1086.6	43.5	1086.6	43.5	93.9
1056.6	20.2	1089.0	37.8	1089.0	37.8	95.6
1062.0	20.7	1089.2	51.3	1089.2	51.3	96.3
1034.5	22.4	1095.8	44.4	1095.8	44.4	91.8
1111.3	31.4	1096.4	55.1	1096.4	55.1	102.1
1065.5	26.0	1097.0	41.6	1097.0	41.6	95.7
1075.9	16.6	1097.1	36.0	1097.1	36.0	97.1
1082.2	17.1	1098.8	29.9	1098.8	29.9	97.7
1093.1	16.7	1100.5	20.2	1100.5	20.2	99.0
1054.3	20.0	1100.6	41.8	1100.6	41.8	93.8
1081.6	15.3	1101.4	20.5	1101.4	20.5	97.3
1012.8	16.0	1105.3	38.9	1105.3	38.9	87.8
1063.6	14.9	1106.6	29.4	1106.6	29.4	94.2
1108.4	18.2	1107.6	38.2	1107.6	38.2	100.1
1046.0	20.6	1111.9	46.3	1111.9	46.3	91.3
1013.5	23.1	1115.3	58.1	1115.3	58.1	86.7
1073.5	28.9	1120.5	46.1	1120.5	46.1	93.8
1104.8	21.0	1129.4	38.6	1129.4	38.6	96.7
1119.7	24.6	1130.1	48.3	1130.1	48.3	98.6
1139.6	20.7	1133.9	34.1	1133.9	34.1	100.8
1148.5	16.8	1135.3	28.1	1135.3	28.1	101.8

1150.5	18.8	1143.0	38.5	1143.0	38.5	101.0
1122.2	19.4	1143.1	38.6	1143.1	38.6	97.2
1142.8	13.8	1148.6	24.5	1148.6	24.5	99.2
1154.5	17.6	1152.0	36.1	1152.0	36.1	100.3
1160.3	23.3	1153.2	43.6	1153.2	43.6	101.0
1150.9	21.3	1154.6	27.3	1154.6	27.3	99.5
1151.3	17.0	1159.9	23.5	1159.9	23.5	98.9
1156.8	13.3	1161.5	20.4	1161.5	20.4	99.4
1176.8	16.9	1166.9	27.4	1166.9	27.4	101.3
1152.4	18.0	1170.3	35.1	1170.3	35.1	97.7
1145.5	18.5	1176.8	37.5	1176.8	37.5	95.9
1145.7	19.3	1179.8	43.4	1179.8	43.4	95.6
1163.0	20.2	1180.8	31.6	1180.8	31.6	97.7
1187.8	13.5	1189.3	22.2	1189.3	22.2	99.8
1134.7	25.6	1189.5	59.2	1189.5	59.2	93.0
1180.8	21.7	1201.3	43.4	1201.3	43.4	97.4
1175.7	21.2	1202.8	52.3	1202.8	52.3	96.5
1231.6	16.3	1219.8	22.8	1219.8	22.8	101.5
1177.3	24.8	1224.7	26.3	1224.7	26.3	94.0
1101.3	15.7	1228.5	24.7	1228.5	24.7	84.5
1167.5	20.4	1232.2	40.1	1232.2	40.1	91.9
1232.9	21.5	1248.5	22.3	1248.5	22.3	98.0
1180.1	23.6	1248.6	49.2	1248.6	49.2	91.5
1194.8	14.2	1250.7	22.6	1250.7	22.6	93.1
1239.9	18.8	1265.7	27.9	1265.7	27.9	96.8
1266.9	25.1	1274.2	32.9	1274.2	32.9	99.1
1268.7	19.3	1287.5	30.7	1287.5	30.7	97.7
1307.1	28.7	1289.2	24.3	1289.2	24.3	102.2
1309.2	19.9	1290.7	34.1	1290.7	34.1	102.3
1165.2	17.9	1324.8	40.0	1324.8	40.0	81.6
1319.2	14.3	1326.3	25.8	1326.3	25.8	99.1
1344.2	15.7	1336.4	21.6	1336.4	21.6	100.9
1356.7	15.4	1337.3	22.6	1337.3	22.6	102.4
1289.1	13.1	1338.9	19.4	1338.9	19.4	94.1
1344.7	20.5	1362.7	26.2	1362.7	26.2	97.8
1406.8	17.8	1392.1	27.6	1392.1	27.6	101.8
1380.0	16.7	1420.8	24.2	1420.8	24.2	95.3
1398.3	18.6	1424.5	29.6	1424.5	29.6	97.0
1429.4	16.0	1426.6	23.3	1426.6	23.3	100.3
1432.9	13.5	1428.7	27.6	1428.7	27.6	100.5
1393.9	16.7	1432.4	31.1	1432.4	31.1	95.6
1417.3	18.3	1433.5	28.7	1433.5	28.7	98.1
1413.2	25.2	1433.9	28.9	1433.9	28.9	97.6
1436.5	21.9	1442.9	26.8	1442.9	26.8	99.3
1424.9	16.0	1444.2	25.4	1444.2	25.4	97.8
1440.6	19.5	1450.4	33.5	1450.4	33.5	98.9

1406.9	27.2	1451.0	28.5	1451.0	28.5	95.0
1329.6	20.2	1454.9	31.7	1454.9	31.7	86.1
1435.2	39.7	1456.3	18.0	1456.3	18.0	97.6
1454.6	31.7	1472.7	30.2	1472.7	30.2	97.9
1446.6	15.7	1474.7	26.5	1474.7	26.5	96.8
1253.0	23.5	1474.9	28.5	1474.9	28.5	76.5
1460.6	21.1	1477.8	20.6	1477.8	20.6	98.0
1453.6	25.5	1495.5	41.1	1495.5	41.1	95.3
1440.4	19.8	1499.5	35.1	1499.5	35.1	93.4
1495.3	26.3	1506.9	50.1	1506.9	50.1	98.7
1560.6	14.9	1554.4	22.8	1554.4	22.8	100.7
1541.7	23.3	1564.7	23.9	1564.7	23.9	97.5
1590.1	19.4	1573.8	21.7	1573.8	21.7	101.8
1595.9	27.5	1621.9	50.8	1621.9	50.8	97.2
1660.3	20.4	1629.0	28.7	1629.0	28.7	103.4
1622.3	44.5	1631.3	25.4	1631.3	25.4	99.0
1627.7	14.6	1634.3	18.9	1634.3	18.9	99.3
1538.3	23.9	1642.1	32.8	1642.1	32.8	89.1
1599.9	22.5	1643.6	29.3	1643.6	29.3	95.3
1622.3	25.4	1644.8	24.0	1644.8	24.0	97.6
1628.7	21.9	1646.1	32.9	1646.1	32.9	98.1
1616.2	35.2	1650.4	31.7	1650.4	31.7	96.3
1653.6	18.8	1659.2	20.6	1659.2	20.6	99.4
1641.5	31.3	1678.7	26.7	1678.7	26.7	96.1
1701.7	17.2	1689.6	23.3	1689.6	23.3	101.3
1687.3	26.6	1689.7	30.1	1689.7	30.1	99.7
1708.0	17.7	1706.9	28.0	1706.9	28.0	100.1
1703.1	17.4	1720.8	22.8	1720.8	22.8	98.1
1714.7	20.2	1722.8	20.8	1722.8	20.8	99.1
1720.1	31.8	1730.7	22.8	1730.7	22.8	98.9
1724.7	16.4	1731.4	17.2	1731.4	17.2	99.3
1723.0	20.8	1759.3	25.2	1759.3	25.2	96.2
1760.0	16.8	1760.4	21.5	1760.4	21.5	100.0
1748.3	24.8	1760.7	29.0	1760.7	29.0	98.7
1745.0	17.5	1762.1	21.5	1762.1	21.5	98.2
1782.5	20.2	1783.6	23.7	1783.6	23.7	99.9
1782.1	21.9	1821.7	35.3	1821.7	35.3	96.0
1825.5	14.8	1849.8	17.6	1849.8	17.6	97.5
1854.6	22.5	1851.5	30.8	1851.5	30.8	100.3
1842.1	33.1	1869.8	26.2	1869.8	26.2	97.2
1752.8	29.0	1870.7	34.0	1870.7	34.0	88.5
1852.8	22.8	1875.0	37.1	1875.0	37.1	97.8
1894.4	14.4	1883.3	20.5	1883.3	20.5	101.1
1913.8	19.3	1981.9	24.6	1981.9	24.6	93.4
1960.5	19.6	1983.0	22.4	1983.0	22.4	97.8
1975.3	19.2	2024.0	25.7	2024.0	25.7	95.3

2052.2	20.8	2060.3	24.2	2060.3	24.2	99.2
1846.7	39.5	2085.4	29.6	2085.4	29.6	78.8
2062.3	26.8	2116.0	18.3	2116.0	18.3	94.9
2107.9	17.4	2116.7	19.1	2116.7	19.1	99.2
2066.8	17.3	2138.5	20.0	2138.5	20.0	93.3
2133.3	19.0	2176.4	18.5	2176.4	18.5	96.0
2143.2	22.0	2184.5	26.0	2184.5	26.0	96.2
2246.7	21.0	2363.3	16.3	2363.3	16.3	89.7
2450.2	21.2	2476.4	26.3	2476.4	26.3	97.7
2491.7	21.7	2513.9	18.4	2513.9	18.4	98.0
2499.3	26.5	2520.1	24.0	2520.1	24.0	98.2
2541.3	23.3	2564.6	16.4	2564.6	16.4	98.0
2616.1	21.2	2630.4	24.2	2630.4	24.2	98.8
2628.9	20.4	2687.2	18.8	2687.2	18.8	95.0
2656.1	26.7	2717.0	19.3	2717.0	19.3	94.8
2699.6	36.1	2718.9	19.7	2718.9	19.7	98.3
2707.1	51.3	2725.8	23.0	2725.8	23.0	98.4
1362.8	346.2	2749.5	389.3	2749.5	389.3	23.9
2746.0	20.0	2757.7	20.4	2757.7	20.4	99.0
2776.0	22.3	2801.9	20.4	2801.9	20.4	97.8
2809.8	24.3	2808.0	25.9	2808.0	25.9	100.2
2882.2	26.8	2861.8	32.8	2861.8	32.8	101.7
3407.7	36.4	3439.3	20.0	3439.3	20.0	97.5

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
114.4	14.1	293.0	286.2	106.0	4.0	NA
106.7	4.6	110.5	92.5	106.5	2.5	NA
116.6	5.2	220.1	91.5	111.6	2.8	NA
166.3	12.2	211.2	176.2	163.2	4.0	NA
161.6	7.1	114.5	73.9	164.8	5.8	NA
165.5	8.0	155.5	102.3	166.3	4.7	NA
171.7	6.6	191.9	85.5	170.2	3.4	NA
237.2	8.7	282.5	82.0	232.6	4.5	NA
234.2	6.4	233.8	42.6	234.2	5.6	NA
235.4	7.6	245.4	61.1	234.4	5.7	NA
256.6	9.5	423.8	77.8	238.6	5.4	NA
243.8	7.2	234.0	61.7	244.8	4.8	NA
247.0	7.1	252.8	44.6	246.4	6.2	NA
265.1	9.9	377.1	69.1	252.6	7.2	NA
294.5	7.6	627.2	50.6	254.2	4.6	NA
255.2	5.3	245.5	40.2	256.2	3.9	NA
260.5	11.7	211.1	103.0	266.1	6.4	NA
268.2	6.4	272.7	45.9	267.7	4.8	NA
275.2	9.1	246.2	73.2	278.6	5.5	NA

290.1	6.2	318.0	32.3	286.6	5.6	NA
321.0	9.8	367.2	60.3	314.7	7.1	NA
314.8	11.9	314.5	74.3	314.9	9.1	NA
314.0	9.5	306.2	54.6	315.0	7.9	NA
323.5	9.7	368.2	70.6	317.3	4.9	NA
308.4	10.4	212.1	83.3	321.3	4.8	NA
338.4	8.0	286.0	49.5	346.1	5.8	NA
369.2	5.6	489.5	21.0	350.3	5.3	NA
375.2	8.7	410.9	48.4	369.5	6.3	NA
367.5	12.4	327.2	80.0	373.9	7.0	NA
376.5	7.9	369.4	33.7	377.6	7.4	NA
382.1	13.3	363.9	77.5	385.1	8.8	NA
396.1	15.8	418.1	102.1	392.3	5.7	NA
396.4	8.1	417.3	39.0	392.9	6.7	NA
392.6	7.6	384.4	39.2	394.0	5.8	NA
414.2	10.3	510.1	58.3	397.2	5.6	NA
404.9	10.4	437.3	57.9	399.3	6.6	NA
409.2	11.8	462.4	63.6	399.9	7.8	NA
420.9	9.5	473.2	25.8	411.4	10.0	86.9
417.2	8.9	448.0	43.4	411.7	6.8	91.9
418.4	9.9	436.5	49.6	415.1	7.3	95.1
419.1	9.2	426.1	46.7	417.9	6.7	98.1
432.4	10.5	507.2	55.1	418.5	6.5	82.5
409.2	9.2	355.0	52.2	418.9	6.0	118.0
413.4	9.0	381.9	48.1	419.1	6.4	109.7
429.2	10.8	430.1	55.4	429.0	7.5	99.7
434.3	9.8	432.6	48.0	434.6	7.4	100.5
439.6	11.6	447.8	54.0	438.0	9.1	97.8
438.7	8.9	438.4	32.6	438.8	8.6	100.1
437.1	9.6	427.2	43.6	438.9	7.9	102.8
440.6	10.1	427.4	44.7	443.1	8.6	103.7
454.7	12.7	454.9	67.9	454.7	7.1	99.9
456.9	9.4	456.8	33.5	456.9	9.1	100.0
477.6	11.5	551.3	42.3	462.4	10.3	83.9
464.5	12.3	455.9	40.1	466.2	12.4	102.3
520.8	13.2	550.3	55.3	514.1	9.9	93.4
549.5	10.5	557.7	38.1	547.5	9.2	98.2
562.7	9.3	603.9	32.7	552.5	8.1	91.5
564.2	7.9	595.7	24.4	556.5	7.6	93.4
583.4	9.4	596.3	34.1	580.1	7.8	97.3
604.8	14.9	682.7	41.8	584.2	14.6	85.6
600.6	11.5	623.6	34.1	594.5	11.3	95.3
598.6	11.3	605.5	40.6	596.8	9.5	98.6
586.6	12.7	539.8	28.5	598.8	14.5	110.9
616.1	16.4	675.7	58.9	600.1	12.8	88.8
614.7	10.4	668.1	31.0	600.3	9.9	89.8

599.0	21.6	588.1	63.1	601.8	21.7	102.3
609.0	11.7	616.1	38.2	607.1	10.7	98.5
619.2	14.2	645.4	56.4	612.1	9.1	94.8
622.3	10.7	646.6	34.9	615.7	9.5	95.2
629.3	7.5	642.5	23.4	625.7	7.0	97.4
627.8	8.7	622.7	33.7	629.2	6.1	101.0
651.0	11.0	685.5	24.5	641.1	12.1	93.5
641.6	15.2	642.4	45.2	641.4	14.7	99.8
659.7	9.1	652.7	31.4	661.8	7.5	101.4
663.0	20.5	650.3	78.7	666.7	13.1	102.5
677.3	13.3	658.3	38.1	683.0	13.1	103.8
694.5	10.9	722.2	30.3	686.0	10.7	95.0
932.4	18.1	927.6	46.1	927.6	46.1	100.7
927.7	16.5	935.1	37.9	935.1	37.9	98.9
948.4	14.2	953.6	30.4	953.6	30.4	99.2
967.0	14.1	955.8	35.4	955.8	35.4	101.7
959.4	20.4	956.7	50.6	956.7	50.6	100.4
972.0	14.2	959.4	31.0	959.4	31.0	101.9
941.5	18.6	959.6	44.4	959.6	44.4	97.3
930.3	15.2	960.5	22.3	960.5	22.3	95.5
968.2	12.3	964.3	22.6	964.3	22.6	100.6
990.9	20.0	968.1	39.7	968.1	39.7	103.4
959.5	16.7	968.4	33.3	968.4	33.3	98.7
983.6	16.8	970.6	38.1	970.6	38.1	101.9
948.7	18.7	971.5	25.1	971.5	25.1	96.6
955.7	18.5	976.4	44.3	976.4	44.3	97.0
1012.4	18.3	986.0	36.7	986.0	36.7	103.9
980.5	14.9	989.4	39.2	989.4	39.2	98.7
1030.4	12.8	991.9	21.8	991.9	21.8	105.7
1022.8	15.7	992.9	31.7	992.9	31.7	104.4
1010.0	13.1	994.1	26.0	994.1	26.0	102.3
959.9	16.6	996.1	39.3	996.1	39.3	94.8
987.2	11.9	996.3	21.7	996.3	21.7	98.7
1012.8	15.4	996.5	31.9	996.5	31.9	102.4
1035.5	14.0	997.6	33.9	997.6	33.9	105.6
902.6	12.8	998.2	22.4	998.2	22.4	86.6
1019.9	12.0	999.2	23.9	999.2	23.9	103.0
1014.3	15.1	999.6	26.1	999.6	26.1	102.2
988.5	18.0	999.7	36.7	999.7	36.7	98.4
1005.2	11.6	1003.1	22.1	1003.1	22.1	100.3
1039.1	17.8	1007.3	48.9	1007.3	48.9	104.7
1012.3	15.2	1009.0	25.9	1009.0	25.9	100.5
974.0	16.0	1012.3	33.1	1012.3	33.1	94.6
1057.0	25.7	1013.1	60.7	1013.1	60.7	106.4
1017.3	16.5	1013.7	26.1	1013.7	26.1	100.5
1023.7	14.6	1017.1	23.8	1017.1	23.8	100.9

975.4	20.8	1018.0	50.6	1018.0	50.6	94.0
1022.4	18.1	1018.7	49.3	1018.7	49.3	100.5
1017.7	14.4	1019.1	28.6	1019.1	28.6	99.8
966.2	13.4	1019.3	22.3	1019.3	22.3	92.5
987.3	16.2	1020.5	44.2	1020.5	44.2	95.3
1009.1	12.8	1020.9	27.2	1020.9	27.2	98.3
1006.3	22.0	1021.3	55.9	1021.3	55.9	97.8
1036.1	17.4	1021.7	48.1	1021.7	48.1	102.1
1049.4	11.9	1023.9	22.7	1023.9	22.7	103.7
881.5	24.0	1024.3	61.2	1024.3	61.2	80.6
1025.3	14.1	1025.0	30.1	1025.0	30.1	100.1
1044.7	14.9	1026.8	25.0	1026.8	25.0	102.6
1002.1	15.4	1027.3	29.7	1027.3	29.7	96.4
1057.2	21.4	1031.9	48.8	1031.9	48.8	103.6
1036.5	17.2	1033.8	30.3	1033.8	30.3	100.4
1034.8	18.2	1034.3	41.7	1034.3	41.7	100.1
994.0	15.7	1034.9	31.9	1034.9	31.9	94.3
1024.3	11.0	1035.0	20.6	1035.0	20.6	98.5
1023.5	12.4	1036.6	20.7	1036.6	20.7	98.1
1016.2	19.5	1041.2	30.5	1041.2	30.5	96.5
1067.0	16.8	1042.0	28.3	1042.0	28.3	103.6
1009.4	16.8	1043.6	43.2	1043.6	43.2	95.2
1078.3	14.9	1043.8	19.9	1043.8	19.9	104.9
1075.4	15.4	1044.7	37.3	1044.7	37.3	104.4
1030.4	17.2	1045.1	30.7	1045.1	30.7	97.9
1051.2	18.5	1046.5	38.5	1046.5	38.5	100.7
1051.9	15.6	1049.2	31.0	1049.2	31.0	100.4
1013.1	18.7	1049.9	38.0	1049.9	38.0	94.9
1020.7	12.9	1050.1	22.7	1050.1	22.7	95.9
1014.3	21.5	1050.8	35.5	1050.8	35.5	94.9
1029.2	14.7	1051.3	19.2	1051.3	19.2	96.9
1056.4	15.0	1053.6	28.0	1053.6	28.0	100.4
1011.7	14.6	1054.8	27.3	1054.8	27.3	94.0
1056.6	15.2	1057.6	31.1	1057.6	31.1	99.9
1067.7	16.2	1059.4	25.9	1059.4	25.9	101.2
1062.3	13.1	1060.8	25.3	1060.8	25.3	100.2
1025.0	23.3	1062.6	52.8	1062.6	52.8	94.8
1048.1	18.7	1062.7	47.8	1062.7	47.8	98.0
1042.9	19.0	1063.3	37.3	1063.3	37.3	97.2
1068.3	15.3	1065.0	23.5	1065.0	23.5	100.5
1040.6	13.5	1066.8	24.5	1066.8	24.5	96.4
986.5	26.2	1070.0	36.1	1070.0	36.1	88.7
1073.2	14.1	1070.4	23.4	1070.4	23.4	100.4
1042.5	17.0	1071.2	39.3	1071.2	39.3	96.1
1060.1	22.4	1071.2	37.6	1071.2	37.6	98.5
976.5	12.9	1071.4	28.6	1071.4	28.6	87.3

1056.6	14.7	1072.4	22.4	1072.4	22.4	97.8
1071.1	16.2	1073.2	32.1	1073.2	32.1	99.7
1065.3	19.3	1073.6	23.8	1073.6	23.8	98.8
1007.7	16.8	1075.2	30.6	1075.2	30.6	90.9
1058.5	21.6	1078.2	40.4	1078.2	40.4	97.3
1080.0	18.2	1078.5	37.8	1078.5	37.8	100.2
1071.2	14.9	1081.4	31.1	1081.4	31.1	98.6
1081.9	17.8	1081.5	34.5	1081.5	34.5	100.0
1063.5	14.4	1082.5	23.4	1082.5	23.4	97.4
1073.6	14.8	1082.7	24.4	1082.7	24.4	98.7
1071.7	15.4	1086.7	30.0	1086.7	30.0	97.9
1063.1	17.1	1088.6	31.0	1088.6	31.0	96.5
1101.0	13.2	1096.2	24.8	1096.2	24.8	100.7
1084.5	16.1	1105.5	32.9	1105.5	32.9	97.1
1074.9	14.2	1107.3	26.1	1107.3	26.1	95.6
1067.2	25.0	1108.0	68.0	1108.0	68.0	94.5
1079.1	14.1	1110.6	30.3	1110.6	30.3	95.8
997.7	21.2	1111.9	29.1	1111.9	29.1	85.1
1127.3	15.9	1121.4	31.0	1121.4	31.0	100.8
1089.1	17.7	1122.0	36.1	1122.0	36.1	95.6
1101.9	19.1	1122.1	38.5	1122.1	38.5	97.3
1133.9	21.0	1126.7	48.9	1126.7	48.9	101.0
1136.9	14.2	1127.6	22.0	1127.6	22.0	101.3
1122.1	13.2	1131.1	26.5	1131.1	26.5	98.8
1155.3	19.1	1131.5	36.0	1131.5	36.0	103.2
1135.8	15.6	1131.6	32.5	1131.6	32.5	100.6
1136.8	16.4	1136.0	33.0	1136.0	33.0	100.1
1171.0	12.9	1142.5	18.9	1142.5	18.9	103.8
1139.7	15.9	1147.4	36.3	1147.4	36.3	99.0
1086.1	15.4	1151.8	33.1	1151.8	33.1	91.5
1150.5	18.7	1152.8	38.9	1152.8	38.9	99.7
1174.0	12.4	1153.5	19.9	1153.5	19.9	102.7
1149.8	17.5	1153.7	38.4	1153.7	38.4	99.5
1133.7	16.5	1165.8	32.2	1165.8	32.2	95.8
1186.5	22.6	1168.7	38.2	1168.7	38.2	102.4
1155.0	13.9	1170.9	17.7	1170.9	17.7	97.9
1161.5	17.6	1174.5	28.6	1174.5	28.6	98.3
1152.6	15.5	1174.6	22.9	1174.6	22.9	97.1
1138.2	24.7	1175.5	34.2	1175.5	34.2	95.2
1159.5	19.7	1176.4	36.4	1176.4	36.4	97.8
1186.0	11.5	1177.7	18.8	1177.7	18.8	101.1
1213.5	12.7	1179.0	24.4	1179.0	24.4	104.6
1159.2	15.8	1180.0	36.8	1180.0	36.8	97.3
1169.4	15.9	1183.0	27.3	1183.0	27.3	98.2
1159.2	18.0	1183.9	34.7	1183.9	34.7	96.8
1227.5	19.2	1194.2	32.7	1194.2	32.7	104.4

1194.8	17.7	1198.3	36.8	1198.3	36.8	99.5
1179.0	21.1	1201.7	39.2	1201.7	39.2	97.1
1199.5	19.1	1215.7	41.7	1215.7	41.7	97.9
1220.3	18.9	1219.5	31.7	1219.5	31.7	100.1
1187.5	12.7	1220.3	21.0	1220.3	21.0	95.8
1166.3	27.9	1221.3	69.9	1221.3	69.9	93.1
1229.2	22.1	1224.2	37.2	1224.2	37.2	100.6
1257.0	17.5	1228.0	27.2	1228.0	27.2	103.7
1250.4	16.9	1234.8	31.7	1234.8	31.7	102.0
1242.5	12.0	1240.8	19.1	1240.8	19.1	100.2
1124.6	17.0	1241.4	30.5	1241.4	30.5	85.8
1238.2	15.6	1248.6	36.1	1248.6	36.1	98.7
1208.1	13.6	1265.3	21.5	1265.3	21.5	93.0
1267.8	15.7	1280.5	24.5	1280.5	24.5	98.4
1305.0	26.3	1322.3	55.6	1322.3	55.6	97.9
1324.8	16.8	1323.9	27.5	1323.9	27.5	100.1
1279.5	27.6	1327.6	66.7	1327.6	66.7	94.2
1296.8	15.7	1330.0	28.2	1330.0	28.2	96.0
1337.2	21.3	1355.8	41.1	1355.8	41.1	97.8
1330.9	29.2	1359.9	23.1	1359.9	23.1	96.5
1404.4	13.7	1366.6	24.8	1366.6	24.8	104.6
1222.3	20.0	1366.8	36.0	1366.8	36.0	83.6
1392.7	22.6	1375.7	39.6	1375.7	39.6	102.0
1370.6	20.5	1375.9	33.3	1375.9	33.3	99.4
1385.5	11.8	1378.2	16.9	1378.2	16.9	100.9
1371.4	18.6	1398.2	28.9	1398.2	28.9	96.9
1418.2	15.7	1409.9	19.0	1409.9	19.0	101.0
1430.5	17.6	1413.5	24.7	1413.5	24.7	102.0
1461.1	16.1	1425.8	21.8	1425.8	21.8	104.2
1406.2	19.3	1427.0	34.6	1427.0	34.6	97.6
1425.5	18.2	1428.0	24.9	1428.0	24.9	99.7
1432.5	16.7	1439.2	21.1	1439.2	21.1	99.2
1444.8	20.9	1465.6	44.6	1465.6	44.6	97.6
1451.6	22.9	1472.2	28.7	1472.2	28.7	97.6
1468.6	19.4	1476.2	29.2	1476.2	29.2	99.1
1500.7	18.0	1488.4	29.8	1488.4	29.8	101.4
1484.0	18.3	1496.5	24.1	1496.5	24.1	98.6
1359.9	14.4	1507.6	16.2	1507.6	16.2	84.1
1519.5	20.3	1517.0	31.1	1517.0	31.1	100.3
1532.5	21.3	1543.1	32.3	1543.1	32.3	98.8
1447.1	19.6	1557.3	24.4	1557.3	24.4	88.2
1549.7	25.9	1579.0	53.2	1579.0	53.2	96.8
1616.9	14.3	1600.4	17.7	1600.4	17.7	101.8
1548.2	26.2	1620.5	27.1	1620.5	27.1	92.3
1630.4	20.8	1627.4	32.0	1627.4	32.0	100.3
1585.3	18.9	1628.9	33.7	1628.9	33.7	95.3

1616.1	16.3	1631.8	25.2	1631.8	25.2	98.3
1644.0	15.1	1640.5	23.9	1640.5	23.9	100.4
1635.8	12.6	1649.0	19.2	1649.0	19.2	98.6
1654.2	19.6	1649.7	28.6	1649.7	28.6	100.5
1626.7	24.4	1655.5	21.2	1655.5	21.2	96.9
1632.2	17.5	1655.7	25.1	1655.7	25.1	97.5
1653.9	19.1	1659.1	29.7	1659.1	29.7	99.4
1633.9	14.4	1663.1	17.1	1663.1	17.1	96.9
1662.4	28.8	1691.7	32.7	1691.7	32.7	96.9
1674.1	23.5	1693.9	23.5	1693.9	23.5	97.9
1685.8	17.9	1696.4	25.0	1696.4	25.0	98.9
1668.1	19.4	1700.4	22.9	1700.4	22.9	96.6
1684.3	20.3	1702.4	25.0	1702.4	25.0	98.1
1705.3	16.8	1702.9	27.8	1702.9	27.8	100.3
1691.9	18.7	1712.1	24.4	1712.1	24.4	97.9
1691.6	19.5	1715.8	26.6	1715.8	26.6	97.5
1674.4	23.0	1717.6	27.1	1717.6	27.1	95.5
1712.0	16.5	1719.3	21.0	1719.3	21.0	99.2
1730.9	15.4	1719.5	16.4	1719.5	16.4	101.2
1716.9	18.8	1737.2	25.5	1737.2	25.5	97.9
1741.3	17.4	1743.2	24.0	1743.2	24.0	99.8
1727.4	21.7	1747.3	27.6	1747.3	27.6	97.9
1759.1	21.2	1749.3	30.5	1749.3	30.5	101.0
1738.5	16.2	1755.1	17.4	1755.1	17.4	98.3
1706.4	19.2	1755.3	23.2	1755.3	23.2	95.0
1743.8	19.4	1756.9	21.7	1756.9	21.7	98.6
1739.1	22.9	1778.5	23.8	1778.5	23.8	95.9
1774.4	23.9	1782.1	21.5	1782.1	21.5	99.2
1759.7	16.2	1790.7	29.0	1790.7	29.0	96.8
1732.8	20.3	1792.9	28.5	1792.9	28.5	93.9
1779.0	13.8	1798.9	18.1	1798.9	18.1	97.9
1776.9	25.5	1799.2	25.2	1799.2	25.2	97.7
1799.4	20.5	1803.4	18.6	1803.4	18.6	99.6
1826.8	17.6	1840.4	25.3	1840.4	25.3	98.6
1831.2	21.2	1866.4	27.0	1866.4	27.0	96.5
1886.5	13.9	1891.9	16.5	1891.9	16.5	99.5
1930.7	14.9	1908.6	20.2	1908.6	20.2	102.2
1948.3	17.8	1948.9	15.2	1948.9	15.2	99.9
2023.3	19.8	2018.3	21.6	2018.3	21.6	100.5
2032.1	17.8	2018.6	20.2	2018.6	20.2	101.3
2046.1	18.0	2066.2	13.5	2066.2	13.5	98.1
2091.9	21.7	2095.0	28.9	2095.0	28.9	99.7
2055.8	20.6	2105.6	24.8	2105.6	24.8	95.3
2078.7	25.2	2206.8	27.7	2206.8	27.7	88.4
2212.1	19.7	2298.3	24.8	2298.3	24.8	92.3
2399.6	21.6	2409.6	19.7	2409.6	19.7	99.1

2516.0	19.1	2514.3	27.3	2514.3	27.3	100.2
2504.7	19.3	2543.0	18.4	2543.0	18.4	96.6
2545.4	16.1	2543.8	21.8	2543.8	21.8	100.1
2535.8	20.7	2553.4	19.1	2553.4	19.1	98.5
2598.5	16.2	2603.9	20.0	2603.9	20.0	99.5
2644.8	19.5	2662.1	20.1	2662.1	20.1	98.5
2647.5	18.9	2666.7	22.1	2666.7	22.1	98.3
2696.8	23.1	2676.9	24.9	2676.9	24.9	101.7
2656.5	18.7	2679.9	18.3	2679.9	18.3	98.0
2615.1	21.4	2682.9	24.9	2682.9	24.9	94.2
2633.2	22.4	2686.4	20.9	2686.4	20.9	95.5
2692.7	16.1	2702.7	15.0	2702.7	15.0	99.1
2698.0	16.4	2703.5	19.6	2703.5	19.6	99.5
2695.6	18.9	2712.8	19.7	2712.8	19.7	98.5
2706.4	28.6	2720.5	22.6	2720.5	22.6	98.8
2727.5	20.2	2721.4	20.5	2721.4	20.5	100.5
2702.4	17.0	2741.0	16.1	2741.0	16.1	96.7
2764.3	23.1	2744.0	26.3	2744.0	26.3	101.8
2755.7	23.0	2781.2	19.0	2781.2	19.0	97.8
2752.5	17.9	2806.3	17.3	2806.3	17.3	95.5

Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
174.8	6.0	258.9	59.5	168.7	4.5	NA
228.6	9.5	212.1	71.1	230.3	7.9	NA
221.3	11.3	91.2	123.1	233.7	5.2	NA
233.9	8.8	208.3	71.4	236.4	6.7	NA
240.7	8.5	258.1	52.5	239.0	7.7	NA
248.9	10.2	231.8	82.5	250.7	7.1	NA
277.7	7.1	324.5	39.4	272.1	6.3	NA
304.4	8.5	352.4	55.4	298.1	6.1	NA
310.9	10.7	391.7	72.8	300.3	6.8	NA
313.8	10.4	355.4	62.5	308.2	8.0	NA
300.7	17.4	220.5	124.6	311.1	12.0	NA
313.9	10.2	329.8	57.1	311.8	8.5	NA
308.0	12.8	272.5	55.7	312.7	12.7	NA
305.8	9.5	177.0	66.6	322.9	6.9	NA
340.9	12.8	329.5	86.5	342.6	7.4	NA
340.6	9.7	322.3	42.9	343.3	9.2	NA
348.1	9.3	348.2	44.0	348.1	8.4	NA
344.8	14.5	303.1	58.1	351.0	14.6	NA
370.4	10.1	421.3	54.0	362.3	7.6	NA
368.2	10.4	371.2	53.2	367.7	8.6	NA
376.1	6.9	352.4	32.9	379.9	6.0	NA
401.0	8.3	419.2	33.8	397.9	7.6	NA

398.6	8.9	369.0	43.0	403.7	7.4	109.4
411.0	7.3	425.8	36.0	408.4	5.6	95.9
418.5	10.9	462.4	38.0	410.6	10.6	88.8
411.9	9.5	412.2	43.1	411.9	8.1	99.9
416.0	13.6	421.0	67.8	415.1	10.4	98.6
421.6	10.3	438.9	36.9	418.5	10.1	95.3
420.5	19.2	427.8	79.5	419.2	17.4	98.0
426.3	10.2	449.8	57.0	422.0	5.9	93.8
440.8	12.2	499.2	58.4	429.7	8.8	86.1
427.7	11.8	417.1	60.8	429.7	8.3	103.0
434.3	9.6	436.7	42.8	433.8	8.1	99.3
444.1	13.2	486.4	69.3	436.0	8.0	89.6
452.1	17.3	528.6	85.8	437.2	11.4	82.7
455.7	18.8	542.5	99.3	438.7	10.1	80.9
435.9	13.1	408.6	50.8	441.1	12.5	107.9
452.1	14.0	482.1	66.0	446.3	10.3	92.6
453.7	11.6	428.0	31.5	458.8	12.6	107.2
460.0	9.3	460.7	35.1	459.9	8.7	99.8
450.5	10.2	400.8	52.3	460.4	6.9	114.9
578.0	16.3	835.6	48.8	514.6	14.1	61.6
524.8	10.0	524.0	27.0	525.0	10.6	100.2
511.0	19.0	408.2	49.8	534.3	21.5	130.9
561.5	18.9	565.7	67.1	560.5	16.7	99.1
570.1	21.1	604.3	75.1	561.6	18.1	92.9
568.4	12.4	578.2	40.3	566.0	11.7	97.9
584.6	16.4	580.0	52.7	585.8	15.6	101.0
600.1	17.7	642.2	61.9	589.1	14.9	91.7
601.7	18.6	644.8	68.6	590.3	14.6	91.5
602.8	18.5	641.5	63.9	592.6	15.8	92.4
582.0	9.8	538.5	29.9	593.2	9.9	110.2
610.4	16.6	604.3	57.0	612.0	14.5	101.3
600.2	10.7	552.6	31.7	612.8	10.9	110.9
609.6	10.9	580.7	34.2	617.4	10.4	106.3
721.4	14.7	902.8	38.7	664.4	13.6	73.6
808.2	13.8	971.3	29.9	750.2	14.2	77.2
763.6	19.1	744.0	46.3	770.3	20.3	103.5
830.6	19.1	913.3	45.0	800.0	19.3	87.6
838.9	18.4	921.2	45.3	808.2	17.8	87.7
941.7	24.8	890.9	54.2	890.9	54.2	108.2
939.3	16.3	914.8	30.5	914.8	30.5	103.8
953.1	14.9	934.6	32.3	934.6	32.3	102.8
950.6	20.4	936.0	43.3	936.0	43.3	102.2
988.4	23.0	961.0	34.4	961.0	34.4	104.1
884.5	18.8	961.3	31.1	961.3	31.1	88.8
984.2	23.2	963.7	58.1	963.7	58.1	103.1
1024.7	27.7	966.1	73.2	966.1	73.2	108.9

1024.4	19.1	978.8	25.6	978.8	25.6	106.9
928.1	19.6	981.4	40.0	981.4	40.0	92.3
993.6	26.1	982.2	52.1	982.2	52.1	101.7
927.9	19.9	982.7	39.4	982.7	39.4	92.1
998.7	14.4	983.4	31.2	983.4	31.2	102.3
1016.3	20.1	984.8	45.2	984.8	45.2	104.7
1038.5	23.6	988.3	49.6	988.3	49.6	107.5
958.7	26.4	988.8	25.2	988.8	25.2	95.6
990.4	16.5	992.2	39.5	992.2	39.5	99.7
986.2	19.5	992.5	37.0	992.5	37.0	99.1
1001.7	21.1	993.0	55.2	993.0	55.2	101.3
986.1	21.4	997.9	24.3	997.9	24.3	98.3
997.9	20.0	998.5	35.5	998.5	35.5	99.9
1007.2	27.0	1001.5	47.9	1001.5	47.9	100.8
1009.3	19.3	1001.7	37.9	1001.7	37.9	101.1
1017.6	16.7	1003.9	29.3	1003.9	29.3	102.0
986.4	13.2	1005.2	31.0	1005.2	31.0	97.3
974.5	14.0	1005.3	27.6	1005.3	27.6	95.6
1028.7	17.2	1011.3	32.1	1011.3	32.1	102.5
1003.2	22.8	1012.8	25.8	1012.8	25.8	98.6
1032.4	23.9	1013.2	36.2	1013.2	36.2	102.8
1034.4	25.4	1014.8	24.2	1014.8	24.2	102.9
1007.6	14.7	1017.3	28.6	1017.3	28.6	98.6
1008.0	21.8	1017.4	34.4	1017.4	34.4	98.7
1031.0	16.0	1019.2	33.3	1019.2	33.3	101.7
1082.6	23.7	1019.9	32.5	1019.9	32.5	109.2
989.8	19.6	1022.7	50.9	1022.7	50.9	95.3
1061.0	15.2	1022.9	33.7	1022.9	33.7	105.5
1036.2	18.7	1025.2	29.0	1025.2	29.0	101.6
1004.4	19.7	1027.2	37.0	1027.2	37.0	96.8
1013.0	19.9	1032.3	36.7	1032.3	36.7	97.3
907.2	25.8	1033.2	51.2	1033.2	51.2	82.9
911.8	25.5	1033.5	50.0	1033.5	50.0	83.4
1071.1	17.8	1034.5	36.6	1034.5	36.6	105.3
1025.6	20.0	1034.9	38.2	1034.9	38.2	98.7
1015.4	15.9	1037.0	35.1	1037.0	35.1	96.9
1046.9	19.8	1037.3	22.4	1037.3	22.4	101.4
1041.6	22.2	1038.7	43.8	1038.7	43.8	100.4
999.6	24.7	1039.7	43.8	1039.7	43.8	94.4
1129.0	20.7	1040.2	32.2	1040.2	32.2	113.0
989.0	23.3	1040.3	56.1	1040.3	56.1	92.9
1019.7	18.0	1041.1	35.0	1041.1	35.0	97.0
1019.9	16.7	1042.0	25.0	1042.0	25.0	96.9
1036.8	22.0	1044.3	31.4	1044.3	31.4	98.9
1010.2	16.1	1044.4	32.7	1044.4	32.7	95.2
1020.7	18.3	1044.8	34.4	1044.8	34.4	96.6

1025.3	18.5	1046.0	32.0	1046.0	32.0	97.1
1019.3	21.8	1048.3	48.4	1048.3	48.4	96.0
1020.5	20.1	1048.7	42.5	1048.7	42.5	96.1
1038.9	19.3	1048.8	41.2	1048.8	41.2	98.6
1047.2	15.8	1049.6	33.3	1049.6	33.3	99.7
1002.8	37.1	1050.0	97.6	1050.0	97.6	93.5
1022.1	19.7	1050.0	40.8	1050.0	40.8	96.1
1031.6	17.7	1050.5	23.9	1050.5	23.9	97.4
1050.9	19.8	1052.3	39.4	1052.3	39.4	99.8
1009.4	16.6	1053.6	25.2	1053.6	25.2	93.9
1043.7	22.9	1053.8	22.3	1053.8	22.3	98.6
1010.0	17.5	1056.3	31.0	1056.3	31.0	93.6
971.0	25.0	1056.6	53.3	1056.6	53.3	88.4
1049.0	22.1	1057.2	49.6	1057.2	49.6	98.9
1045.1	17.1	1058.7	37.2	1058.7	37.2	98.1
1066.6	25.7	1060.7	30.9	1060.7	30.9	100.8
1055.3	17.1	1062.8	29.0	1062.8	29.0	99.0
1054.8	16.3	1064.0	37.2	1064.0	37.2	98.7
1018.3	20.1	1064.7	42.8	1064.7	42.8	93.6
1064.3	21.3	1064.7	50.1	1064.7	50.1	99.9
1030.8	20.8	1065.0	30.7	1065.0	30.7	95.3
1088.3	28.5	1065.1	63.8	1065.1	63.8	103.3
1032.5	23.3	1068.0	46.4	1068.0	46.4	95.1
1054.9	29.5	1069.0	40.9	1069.0	40.9	98.0
1047.5	16.1	1069.2	30.5	1069.2	30.5	97.0
1004.2	16.9	1070.2	28.5	1070.2	28.5	91.0
1046.2	20.1	1071.1	47.9	1071.1	47.9	96.6
1026.6	21.9	1071.8	52.4	1071.8	52.4	93.8
1047.5	24.1	1074.7	44.3	1074.7	44.3	96.3
1051.4	23.9	1076.2	55.3	1076.2	55.3	96.6
1058.1	19.3	1076.5	35.3	1076.5	35.3	97.5
1093.8	18.2	1078.6	28.0	1078.6	28.0	102.1
1051.1	28.7	1079.0	29.0	1079.0	29.0	96.2
1073.9	19.8	1080.0	33.1	1080.0	33.1	99.1
1022.4	18.9	1083.3	38.2	1083.3	38.2	91.8
1065.7	24.5	1085.1	43.2	1085.1	43.2	97.3
1089.4	31.3	1090.5	36.1	1090.5	36.1	99.8
1049.0	22.6	1092.3	44.9	1092.3	44.9	94.1
1043.8	19.8	1093.7	41.3	1093.7	41.3	93.3
1081.0	18.9	1093.7	43.6	1093.7	43.6	98.3
1055.5	21.1	1094.6	37.1	1094.6	37.1	94.7
1065.8	16.3	1095.1	28.7	1095.1	28.7	96.0
1097.3	29.3	1101.9	33.2	1101.9	33.2	99.4
1080.1	25.0	1103.6	29.4	1103.6	29.4	96.8
1092.6	17.7	1110.3	29.2	1110.3	29.2	97.6
1138.0	27.9	1114.8	50.0	1114.8	50.0	103.2

1105.4	24.4	1125.4	32.5	1125.4	32.5	97.3
1061.5	31.0	1126.1	70.7	1126.1	70.7	91.5
1089.2	25.1	1128.0	35.6	1128.0	35.6	94.9
1134.4	23.6	1135.4	38.4	1135.4	38.4	99.9
1066.9	25.8	1135.9	58.5	1135.9	58.5	91.0
1133.9	17.1	1138.5	29.1	1138.5	29.1	99.4
1133.6	23.7	1143.0	46.2	1143.0	46.2	98.7
1110.0	28.4	1150.3	57.3	1150.3	57.3	94.7
1142.8	22.8	1150.9	28.7	1150.9	28.7	98.9
1133.2	20.2	1152.2	40.9	1152.2	40.9	97.5
1139.4	17.6	1153.9	24.1	1153.9	24.1	98.1
1181.6	19.3	1159.9	34.8	1159.9	34.8	102.9
1164.1	17.3	1160.5	36.7	1160.5	36.7	100.5
1132.9	21.4	1161.2	25.3	1161.2	25.3	96.3
1154.6	27.6	1166.8	40.3	1166.8	40.3	98.4
1140.5	21.4	1166.8	34.3	1166.8	34.3	96.6
1143.3	30.5	1170.2	57.9	1170.2	57.9	96.5
1143.8	22.5	1170.5	22.3	1170.5	22.3	96.5
1133.7	22.7	1177.8	20.7	1177.8	20.7	94.3
1224.4	21.9	1179.7	40.5	1179.7	40.5	106.0
1147.6	23.9	1180.6	43.2	1180.6	43.2	95.7
1185.5	15.2	1182.4	29.0	1182.4	29.0	100.4
1191.9	19.3	1183.4	29.3	1183.4	29.3	101.1
1168.9	24.4	1187.0	40.7	1187.0	40.7	97.7
1227.5	22.0	1221.5	22.5	1221.5	22.5	100.8
1189.3	19.8	1224.3	31.6	1224.3	31.6	95.6
1221.4	29.8	1233.1	43.5	1233.1	43.5	98.5
1163.8	22.2	1233.3	46.4	1233.3	46.4	91.4
1183.9	18.6	1236.9	32.7	1236.9	32.7	93.4
1176.4	15.9	1240.8	29.7	1240.8	29.7	92.0
1226.6	21.3	1243.4	41.4	1243.4	41.4	97.9
1212.5	36.7	1257.6	43.1	1257.6	43.1	94.4
1243.1	30.7	1272.9	28.3	1272.9	28.3	96.3
1237.4	20.8	1288.6	31.0	1288.6	31.0	93.8
1314.3	30.3	1312.2	34.0	1312.2	34.0	100.3
1338.8	27.0	1324.3	32.3	1324.3	32.3	101.8
1318.7	21.1	1342.3	39.6	1342.3	39.6	97.2
1334.8	39.7	1343.7	35.8	1343.7	35.8	98.9
1343.6	32.8	1352.6	36.4	1352.6	36.4	98.9
1318.9	22.0	1354.8	38.9	1354.8	38.9	95.7
1351.1	27.3	1356.4	31.8	1356.4	31.8	99.4
1349.0	18.7	1358.0	24.2	1358.0	24.2	98.9
1356.2	21.3	1363.5	34.8	1363.5	34.8	99.1
1335.6	45.8	1384.9	55.6	1384.9	55.6	94.2
1380.5	14.3	1408.8	24.6	1408.8	24.6	96.7
1381.0	19.9	1410.3	30.6	1410.3	30.6	96.6

1436.9	22.6	1414.0	25.7	1414.0	25.7	102.7
1457.3	23.7	1419.2	27.1	1419.2	27.1	104.5
1423.3	33.2	1420.5	27.9	1420.5	27.9	100.3
1446.0	26.7	1423.4	34.0	1423.4	34.0	102.7
1377.9	26.6	1424.0	34.8	1424.0	34.8	94.7
1410.8	17.7	1425.1	24.2	1425.1	24.2	98.3
1432.5	23.4	1428.5	29.5	1428.5	29.5	100.5
1446.7	20.1	1437.8	27.2	1437.8	27.2	101.0
1405.6	31.6	1445.3	35.5	1445.3	35.5	95.5
1437.3	28.2	1447.8	38.8	1447.8	38.8	98.8
1430.7	20.7	1452.0	26.7	1452.0	26.7	97.5
1412.9	16.1	1453.4	23.4	1453.4	23.4	95.4
1446.5	23.1	1460.1	37.7	1460.1	37.7	98.4
1430.7	31.3	1464.2	42.2	1464.2	42.2	96.2
1439.1	32.8	1473.9	20.6	1473.9	20.6	96.0
1481.4	22.5	1476.3	22.8	1476.3	22.8	100.6
1438.7	32.2	1488.0	31.0	1488.0	31.0	94.5
1479.4	18.3	1513.6	25.7	1513.6	25.7	96.2
1476.5	18.5	1522.1	25.1	1522.1	25.1	94.9
1569.0	21.7	1556.5	28.6	1556.5	28.6	101.4
1538.6	22.2	1556.7	36.3	1556.7	36.3	98.0
1572.3	20.3	1584.2	22.7	1584.2	22.7	98.7
1558.3	20.5	1596.8	23.6	1596.8	23.6	95.8
1617.8	20.9	1610.4	31.4	1610.4	31.4	100.8
1617.2	23.7	1622.9	33.2	1622.9	33.2	99.4
1622.6	21.1	1628.2	23.1	1628.2	23.1	99.4
1639.4	22.6	1647.2	34.6	1647.2	34.6	99.2
1652.1	19.2	1650.8	25.1	1650.8	25.1	100.1
1626.2	19.2	1653.4	33.0	1653.4	33.0	97.1
1641.4	24.2	1658.9	33.1	1658.9	33.1	98.1
1684.7	23.0	1669.2	37.5	1669.2	37.5	101.7
1689.1	31.9	1682.0	24.3	1682.0	24.3	100.8
1679.2	25.1	1683.6	26.4	1683.6	26.4	99.5
1682.1	23.0	1699.4	22.5	1699.4	22.5	98.2
1702.3	31.3	1701.2	33.8	1701.2	33.8	100.1
1685.0	37.6	1704.7	27.6	1704.7	27.6	97.9
1694.4	36.9	1715.5	29.1	1715.5	29.1	97.8
1719.9	25.3	1719.9	32.8	1719.9	32.8	100.0
1727.9	24.7	1725.4	35.5	1725.4	35.5	100.3
1742.8	34.0	1726.6	27.1	1726.6	27.1	101.7
1563.7	27.1	1726.9	42.3	1726.9	42.3	83.7
1706.6	18.9	1732.5	20.5	1732.5	20.5	97.3
1767.9	20.6	1751.1	24.7	1751.1	24.7	101.8
1709.2	28.4	1751.5	39.4	1751.5	39.4	95.6
1780.1	20.3	1765.4	28.5	1765.4	28.5	101.5
1714.8	24.4	1776.0	35.3	1776.0	35.3	93.8

1791.9	21.8	1787.3	34.6	1787.3	34.6	100.5
1774.2	20.2	1792.5	26.8	1792.5	26.8	98.1
1617.4	23.6	1799.5	26.5	1799.5	26.5	82.3
1819.7	25.4	1835.4	26.2	1835.4	26.2	98.4
1858.7	18.9	1844.9	25.4	1844.9	25.4	101.4
1867.1	24.5	1850.2	30.9	1850.2	30.9	101.7
1863.0	46.5	1872.9	29.4	1872.9	29.4	99.0
1876.1	21.9	1873.5	23.9	1873.5	23.9	100.3
1854.1	32.5	1880.7	20.9	1880.7	20.9	97.3
1884.2	21.9	1902.4	20.0	1902.4	20.0	98.2
1888.9	40.8	1915.6	33.2	1915.6	33.2	97.3
1873.3	31.0	1921.0	27.8	1921.0	27.8	95.3
1911.0	20.4	1922.8	26.2	1922.8	26.2	98.8
1921.6	37.9	1934.4	32.0	1934.4	32.0	98.7
1943.8	21.1	1949.3	19.6	1949.3	19.6	99.5
1947.3	20.6	1951.6	24.5	1951.6	24.5	99.6
1929.5	20.7	1954.5	27.8	1954.5	27.8	97.5
1967.6	24.4	1984.9	36.2	1984.9	36.2	98.3
2071.6	23.0	2105.5	22.5	2105.5	22.5	96.8
2350.0	28.6	2397.0	31.7	2397.0	31.7	95.8
2471.2	27.6	2498.0	23.2	2498.0	23.2	97.6
2409.8	23.1	2502.3	22.7	2502.3	22.7	92.0
2506.7	30.3	2534.3	23.7	2534.3	23.7	97.6
2478.6	36.0	2551.2	21.8	2551.2	21.8	93.7
2551.8	36.2	2588.7	30.4	2588.7	30.4	96.8
2609.6	35.7	2610.6	24.4	2610.6	24.4	99.9
2591.6	20.2	2637.0	16.7	2637.0	16.7	96.1
2646.8	23.5	2670.2	25.9	2670.2	25.9	98.0
2660.9	19.5	2686.1	18.8	2686.1	18.8	97.8
2670.6	25.4	2698.0	28.5	2698.0	28.5	97.6
2685.9	24.7	2705.7	23.2	2705.7	23.2	98.3
2703.7	31.0	2706.1	28.8	2706.1	28.8	99.8
2677.4	27.4	2714.4	32.5	2714.4	32.5	96.8
2696.9	20.2	2717.6	20.7	2717.6	20.7	98.2
2676.0	38.8	2719.1	22.0	2719.1	22.0	96.3
2669.1	33.3	2723.4	28.5	2723.4	28.5	95.4
2720.4	24.1	2725.5	22.3	2725.5	22.3	99.6
2672.0	40.0	2734.3	32.1	2734.3	32.1	94.7
2722.4	29.6	2745.3	24.3	2745.3	24.3	98.0
2744.3	23.8	2745.4	23.9	2745.4	23.9	99.9
2739.0	25.5	2754.5	27.7	2754.5	27.7	98.7
2731.5	35.8	2775.2	24.8	2775.2	24.8	96.3
2718.8	23.2	2792.5	17.9	2792.5	17.9	93.8
2788.0	27.7	2832.1	23.3	2832.1	23.3	96.3

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Apparent ages (Ma)						
207Pb*	±	206Pb*	±	Best age	±	Conc
115.8	5.4	166.1	106.3	113.4	2.2	NA
114.0	4.9	114.8	86.4	113.9	3.1	NA
122.2	7.6	276.9	129.3	114.4	3.8	NA
117.9	3.0	158.2	50.3	115.9	1.9	NA
122.7	7.4	250.6	133.4	116.2	3.1	NA
116.9	5.3	125.2	94.2	116.5	3.1	NA
117.4	3.9	125.5	67.3	117.0	2.4	NA
116.6	5.2	75.5	99.0	118.6	2.6	NA
117.8	4.1	75.7	80.0	119.9	1.9	NA
205.2	17.8	706.9	196.6	164.2	4.2	NA
167.4	6.0	184.8	57.3	166.2	4.9	NA
213.1	8.4	642.1	76.5	176.4	4.3	NA
216.4	6.8	206.2	59.8	217.3	5.0	NA
238.4	6.2	320.1	48.0	230.2	4.6	NA
301.2	10.1	374.6	76.8	291.8	5.3	NA
333.4	7.4	368.2	38.8	328.5	6.3	NA
435.9	15.5	799.4	45.3	370.3	13.7	NA
700.0	42.6	1976.2	59.6	371.5	27.8	NA
407.1	14.1	539.2	68.9	384.2	10.4	NA
393.5	10.7	383.8	54.1	395.2	8.6	NA
401.7	11.1	419.0	52.8	398.7	9.2	NA
424.6	12.4	463.0	40.7	417.5	12.4	90.2
425.6	22.7	445.9	45.2	421.8	25.4	94.6
425.1	10.9	408.2	49.5	428.2	9.2	104.9
427.7	9.6	422.5	44.8	428.7	7.7	101.5
466.6	11.7	468.0	53.0	466.3	9.0	99.6
491.3	10.5	511.4	34.9	487.0	10.2	95.2
512.3	9.5	585.7	38.4	496.0	7.4	84.7
521.1	10.5	589.3	37.2	505.7	9.4	85.8
528.5	15.7	592.4	65.6	513.8	11.5	86.7
540.2	19.2	633.7	90.0	518.3	9.5	81.8
530.3	12.2	538.3	44.2	528.4	11.0	98.2
550.4	10.3	570.1	37.3	545.7	9.0	95.7
563.2	10.6	591.8	37.4	556.1	9.3	94.0
560.0	12.7	553.3	55.8	561.6	8.0	101.5
606.8	13.8	704.4	46.3	581.0	11.7	82.5
586.3	12.5	602.9	43.6	582.0	10.8	96.5
605.3	11.7	664.4	43.9	589.7	8.8	88.8
598.4	12.8	616.0	33.1	593.8	13.5	96.4
605.9	13.0	626.6	44.1	600.3	11.4	95.8
597.1	13.5	574.5	51.1	603.1	10.6	105.0
609.1	17.5	599.7	60.9	611.6	15.2	102.0
659.9	12.5	706.6	40.4	646.3	10.6	91.5
842.9	16.8	865.1	43.3	834.5	16.1	96.5

916.7	15.0	906.6	31.5	906.6	31.5	101.6
939.1	15.9	963.8	36.0	963.8	36.0	96.4
963.7	20.4	986.5	47.8	986.5	47.8	96.7
1010.6	18.0	989.5	46.1	989.5	46.1	103.1
991.3	19.3	1009.1	35.1	1009.1	35.1	97.4
1058.7	26.0	1043.6	56.1	1043.6	56.1	102.2
1055.4	23.1	1049.4	38.6	1049.4	38.6	100.8
1060.3	17.8	1051.8	35.2	1051.8	35.2	101.2
1043.7	19.7	1073.1	38.6	1073.1	38.6	96.0
1078.7	12.3	1095.7	30.8	1095.7	30.8	97.7
1074.5	26.2	1104.8	61.0	1104.8	61.0	95.9
1096.2	23.3	1116.3	31.0	1116.3	31.0	97.3
1003.3	17.4	1116.6	32.0	1116.6	32.0	85.3
1122.8	21.6	1121.1	34.2	1121.1	34.2	100.2
1083.6	17.7	1123.9	26.5	1123.9	26.5	94.6
1089.3	15.2	1136.1	28.8	1136.1	28.8	93.8
1083.3	17.6	1142.6	31.5	1142.6	31.5	92.3
1114.2	28.5	1143.1	28.0	1143.1	28.0	96.2
1130.7	15.4	1144.5	25.5	1144.5	25.5	98.2
1064.2	20.6	1148.3	31.5	1148.3	31.5	89.1
1128.8	21.3	1150.7	49.7	1150.7	49.7	97.1
1164.0	16.6	1162.3	28.5	1162.3	28.5	100.2
1133.8	24.6	1165.6	28.3	1165.6	28.3	95.9
1130.6	16.7	1173.9	30.9	1173.9	30.9	94.4
1186.5	17.7	1197.8	32.7	1197.8	32.7	98.5
1172.3	24.2	1202.5	42.7	1202.5	42.7	96.1
1214.5	20.8	1206.5	38.4	1206.5	38.4	101.0
1218.7	20.8	1209.3	32.6	1209.3	32.6	101.2
1218.5	14.3	1211.7	18.0	1211.7	18.0	100.9
1083.0	27.3	1227.7	37.7	1227.7	37.7	82.5
1244.5	19.4	1248.9	24.4	1248.9	24.4	99.4
1266.3	23.4	1254.1	32.9	1254.1	32.9	101.5
1225.6	28.1	1262.5	33.2	1262.5	33.2	95.4
1155.5	30.9	1275.2	21.0	1275.2	21.0	85.7
1257.3	20.4	1286.0	20.5	1286.0	20.5	96.5
1239.6	17.7	1289.5	33.2	1289.5	33.2	93.9
1206.0	18.9	1301.7	27.2	1301.7	27.2	88.6
1307.5	20.4	1307.3	37.0	1307.3	37.0	100.0
1309.3	33.9	1309.0	56.1	1309.0	56.1	100.0
1312.6	22.4	1318.1	35.3	1318.1	35.3	99.3
1303.6	16.7	1324.4	23.2	1324.4	23.2	97.5
1261.3	25.2	1346.6	45.5	1346.6	45.5	90.0
1298.5	21.4	1350.1	32.5	1350.1	32.5	93.9
1377.4	15.8	1351.4	26.3	1351.4	26.3	103.2
1381.9	31.9	1366.9	45.4	1366.9	45.4	101.8
1402.5	17.9	1395.8	25.4	1395.8	25.4	100.8

1376.2	26.0	1403.3	22.8	1403.3	22.8	96.8
1401.4	24.6	1408.4	34.7	1408.4	34.7	99.2
1384.4	18.5	1411.6	25.8	1411.6	25.8	96.8
1379.2	23.0	1426.0	25.7	1426.0	25.7	94.6
1462.6	17.8	1463.3	34.3	1463.3	34.3	99.9
1363.1	31.8	1471.4	40.2	1471.4	40.2	88.0
1492.4	32.9	1478.3	22.0	1478.3	22.0	101.6
1394.1	19.7	1492.0	26.4	1492.0	26.4	89.2
1496.6	20.9	1494.6	31.5	1494.6	31.5	100.2
1489.0	19.7	1497.9	24.4	1497.9	24.4	99.0
1500.2	19.4	1508.7	31.9	1508.7	31.9	99.0
1526.4	17.7	1511.9	24.2	1511.9	24.2	101.6
1477.6	23.6	1533.9	28.1	1533.9	28.1	93.8
1531.8	22.9	1542.6	35.3	1542.6	35.3	98.8
1447.2	17.1	1544.3	26.5	1544.3	26.5	89.5
1515.5	23.4	1551.4	37.6	1551.4	37.6	96.0
1475.4	39.6	1557.5	33.1	1557.5	33.1	91.1
1432.2	23.6	1568.8	36.9	1568.8	36.9	85.5
1476.3	23.7	1571.4	40.7	1571.4	40.7	89.8
1405.7	22.2	1592.6	19.7	1592.6	19.7	80.7
1576.2	27.5	1596.5	29.1	1596.5	29.1	97.8
1592.9	38.2	1604.9	21.9	1604.9	21.9	98.7
1597.3	20.1	1605.9	27.5	1605.9	27.5	99.1
1594.8	16.7	1609.3	26.1	1609.3	26.1	98.4
1596.7	22.5	1613.5	34.3	1613.5	34.3	98.2
1619.9	24.4	1621.4	26.7	1621.4	26.7	99.8
1503.5	15.9	1625.2	23.2	1625.2	23.2	87.3
1444.6	21.8	1631.5	25.4	1631.5	25.4	81.0
1614.7	24.4	1631.6	18.4	1631.6	18.4	98.2
1648.7	23.6	1632.6	26.6	1632.6	26.6	101.8
1618.4	20.4	1632.8	29.2	1632.8	29.2	98.4
1622.5	17.3	1633.8	28.7	1633.8	28.7	98.8
1630.3	21.2	1634.5	29.3	1634.5	29.3	99.6
1625.6	27.6	1634.6	27.2	1634.6	27.2	99.0
1639.3	16.7	1638.9	26.2	1638.9	26.2	100.0
1619.5	22.1	1641.0	28.5	1641.0	28.5	97.7
1641.7	21.8	1644.7	33.8	1644.7	33.8	99.7
1563.0	45.1	1650.9	24.5	1650.9	24.5	90.8
1645.1	17.6	1651.8	23.1	1651.8	23.1	99.3
1491.4	17.6	1653.7	22.0	1653.7	22.0	83.4
1633.6	17.7	1654.9	30.0	1654.9	30.0	97.7
1659.0	22.7	1672.8	27.8	1672.8	27.8	98.5
1598.6	16.9	1673.0	18.5	1673.0	18.5	92.2
1572.8	35.0	1679.5	24.5	1679.5	24.5	89.0
1617.0	25.9	1680.3	42.3	1680.3	42.3	93.4
1554.0	31.9	1702.6	26.7	1702.6	26.7	85.0

1671.3	25.3	1704.3	26.4	1704.3	26.4	96.5
1709.6	18.3	1705.6	29.2	1705.6	29.2	100.4
1521.4	20.0	1710.6	32.0	1710.6	32.0	81.2
1723.1	35.5	1713.6	25.7	1713.6	25.7	101.0
1705.6	18.6	1714.8	20.4	1714.8	20.4	99.0
1682.1	19.4	1716.8	24.0	1716.8	24.0	96.4
1735.7	23.4	1739.0	27.6	1739.0	27.6	99.6
1642.5	38.6	1761.6	30.4	1761.6	30.4	88.0
1721.6	21.9	1764.2	22.4	1764.2	22.4	95.6
1745.1	21.2	1768.0	24.0	1768.0	24.0	97.6
1777.6	21.7	1777.3	24.5	1777.3	24.5	100.0
1791.6	19.8	1793.5	24.2	1793.5	24.2	99.8
1793.3	19.6	1805.3	28.1	1805.3	28.1	98.8
1782.1	24.2	1820.0	19.7	1820.0	19.7	96.1
1652.4	13.2	1837.8	17.7	1837.8	17.7	82.2
1834.8	27.4	1849.8	26.8	1849.8	26.8	98.5
1824.7	23.2	1850.9	27.8	1850.9	27.8	97.3
1696.2	19.4	1879.5	21.4	1879.5	21.4	82.6
1869.0	20.5	1893.4	29.4	1893.4	29.4	97.6
1805.5	17.3	1918.7	25.9	1918.7	25.9	89.1
1935.9	17.6	1962.7	22.3	1962.7	22.3	97.4
1910.5	22.5	1984.4	29.7	1984.4	29.7	92.9
1961.5	25.0	1988.9	24.7	1988.9	24.7	97.3
1945.4	22.9	1994.6	27.3	1994.6	27.3	95.2
2041.0	17.2	2027.2	19.0	2027.2	19.0	101.4
2197.6	22.7	2179.3	22.9	2179.3	22.9	101.7
2137.8	22.0	2247.4	20.1	2247.4	20.1	90.1
2078.0	35.3	2280.8	14.2	2280.8	14.2	82.4
2267.0	23.5	2288.5	29.1	2288.5	29.1	98.0
2523.7	29.6	2519.8	34.5	2519.8	34.5	100.3
2484.2	21.2	2586.6	24.6	2586.6	24.6	91.3
2593.6	22.3	2673.7	19.3	2673.7	19.3	93.2
2635.7	24.4	2677.0	23.7	2677.0	23.7	96.5
2669.1	24.4	2691.6	20.1	2691.6	20.1	98.1
2694.8	25.6	2704.7	27.9	2704.7	27.9	99.1
2700.8	29.9	2714.8	24.5	2714.8	24.5	98.8
2663.2	42.1	2727.1	16.4	2727.1	16.4	94.6
2860.9	30.9	2845.0	22.8	2845.0	22.8	101.4
2831.4	20.6	2858.1	23.1	2858.1	23.1	97.8
2783.7	19.5	2872.4	15.6	2872.4	15.6	92.7
2882.8	35.6	3006.5	19.0	3006.5	19.0	90.1
3219.7	27.0	3309.1	26.7	3309.1	26.7	93.0