U-Pb Data- Lucerne Section

Sample Name:	09-SFB-38																
Upper Freshwater Molasse (13.5 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB38_1	338.00	1.35	0.3294	0.0045	0.04616	0.00067	0.481	289	3.5	290.9	4.1	282	30	290.9	4.1	0.7	Single Age
SFB38_2	216.00	1.85	0.5742	0.0055	0.07494	0.00063	0.644	461	3.6	465.8	3.8	446	18	465.8	3.8	1.0	Single Age
SFB38_3	231.00	1.80	0.3588	0.0062	0.04823	0.00083	0.525	311.1	4.6	303.6	5.1	354	40	303.6	5.1	2.4	Single Age
SFB38_4	649.00	3.11	0.3869	0.0039	0.05284	0.00051	0.459	332.1	2.8	332	3.1	332	23	332.0	3.1	0.0	Single Age
SFB38_5	175.80	4.77	0.5541	0.0060	0.07255	0.00058	0.492	447.5	3.9	451.5	3.5	447	21	451.5	3.5	0.9	Single Age
SFB38_6	31.10	59.80	0.3870	0.0230	0.05240	0.00200	0.737	331	17	329	12	410	100	329.0	12.0	0.6	Rim
SFB38_6	62.50	10.92	0.5940	0.0150	0.07760	0.00210	0.429	475	10	482	13	459	65	482.0	13.0	1.5	Core
SFB38_7	484.00	4.30	0.3810	0.0150	0.05240	0.00220	0.874	331	12	329	13	372	32	329.0	13.0	0.6	Rim
SFB38_7	247.00	1.69	0.6100	0.0130	0.07760	0.00180	0.806	483	8	482	11	483	34	482.0	11.0	0.2	Core
SFB38_8	273.60	0.72	0.3189	0.0040	0.04497	0.00041	0.377	280.9	3.1	283.5	2.5	267	29	283.5	2.5	0.9	Single Age
SFB38_9	450.00	1.78	0.6471	0.0054	0.08109	0.00076	0.479	506.6	3.4	502.6	4.6	531	20	502.6	4.6	0.8	Single Age
SFB38_11	614.00	7.44	0.5211	0.0082	0.06740	0.00120	0.799	425.5	5.5	420.2	7.3	436	23	420.2	7.3	1.2	Single Age
SFB38_12	151.00	1.26	0.3613	0.0069	0.04873	0.00083	0.605	313.4	5	306.7	5.1	355	36	306.7	5.1	2.1	Single Age
SFB38_13	459.20	3.16	0.3134	0.0024	0.04391	0.00033	0.313	276.8	1.8	277	2	277	20	277.0	2.0	0.1	Single Age
SFB38_14	82.10	1.92	0.3014	0.0073	0.04193	0.00060	0.218	267.3	5.7	264.8	3.7	276	66	264.8	3.7	0.9	Single Age
SFB38_15	132.40	1.29	0.3942	0.0047	0.05339	0.00051	0.258	337.3	3.4	335.3	3.1	338	33	335.3	3.1	0.6	Single Age
SFB38_17	150.30	4.01	0.6529	0.0059	0.08224	0.00068	0.497	510.1	3.6	509.4	4	522	19	509.4	4.0	0.1	Single Age
SFB38_18	607.00	1.98	0.5633	0.0092	0.07000	0.00110	0.541	453.3	5.9	436.1	6.9	522	31	436.1	6.9	3.8	Single Age
SFB38_19	203.50	2.09	0.5557	0.0091	0.07220	0.00120	0.607	450	6	449.5	7	458	33	449.5	7.0	0.1	Single Age
SFB38_20	459.00	1.69	0.3900	0.0041	0.05291	0.00071	0.593	334.3	3	332.3	4.3	354	24	332.3	4.3	0.6	Single Age
SFB38_21	171.00	3.41	0.5446	0.0092	0.06960	0.00074	0.368	441.1	6	433.7	4.4	485	35	433.7	4.4	1.7	Single Age
SFB38_22	174.00	1.47	0.3296	0.0074	0.04600	0.00110	0.476	288.9	5.6	289.6	6.7	282	54	289.6	6.7	0.2	Single Age
SFB38_23	228.40	4.01	0.7140	0.0130	0.08367	0.00069	0.565	546.7	7.3	518	4.1	667	30	518.0	4.1	5.2	Single Age
SFB38_24	241.60	4.89	0.7330	0.0180	0.08660	0.00130	0.454	557	11	535.6	7.7	631	42	535.6	7.7	3.8	Single Age
SFB38_25	938.00	2.90	0.2399	0.0041	0.03329	0.00046	0.429	218.3	3.4	211.1	2.9	289	38	211.1	2.9	3.3	Rim
SFB38_25	305.00	1.40	0.3289	0.0051	0.04380	0.00056	0.382	288.6	3.9	276.3	3.5	373	35	276.3	3.5	4.3	Core
SFB38_26	415.00	5.60	0.5596	0.0050	0.07182	0.00047	0.158	451.1	3.2	447.1	2.8	470	18	447.1	2.8	0.9	Single Age
SFB38_27	357.00	3.93	0.2853	0.0035	0.03982	0.00039	0.065	254.8	2.8	251.7	2.4	281	29	251.7	2.4	1.2	Single Age
SFB38_28	2100.00	10.42	0.7193	0.0050	0.08543	0.00061	0.726	550.2	2.9	528.4	3.6	650	10	528.4	3.6	4.0	Single Age
SFB38_29	360.70	13.00	0.5490	0.0110	0.06850	0.00150	0.714	443.8	7	428.3	9	536	41	428.3	9.0	3.5	Rim
SFB38_29	86.00	1.93	0.9030	0.0240	0.10130	0.00270	0.412	653	13	622	16	763	55	622.0	16.0	4.7	Core
SFB38_30	290.00	2.70	0.2944	0.0040	0.04175	0.00050	0.174	261.9	3.1	263.6	3.1	254	39	263.6	3.1	0.6	Single Age
SFB38_31	380.30	1.94	0.3251	0.0058	0.04474	0.00061	0.317	285.6	4.5	282.1	3.8	305	34	282.1	3.8	1.2	Single Age
SFB38_32	524.00	2.04	0.4202	0.0039	0.05672	0.00048	0.489	356.1	2.8	355.6	2.9	359	20	355.6	2.9	0.1	Single Age
SFB38_33	327.50	1.33	0.3272	0.0047	0.04526	0.00052	0.134	287.3	3.6	285.3	3.2	313	40	285.3	3.2	0.7	Single Age
SFB38_35	255.00	2.23	0.6760	0.0120	0.08065	0.00091	0.431	524	7.1	500	5.4	638	31	500.0	5.4	4.6	Single Age
SFB38_36	374.00	1.27	0.3680	0.0160	0.04285	0.00078	0.125	317	12	270.4	4.8	660	100	DISC	DISC	14.7	Single Age
SFB38_37	168.60	1.22	1.5790	0.0180	0.15680	0.00150	0.528	961.4	7.1	939	8.5	1015	22	1015.0	22.0	7.5	Single Age
SFB38_38	165.20	2.93	0.3248	0.0053	0.04515	0.00039	0.012	285.4	4	284.6	2.4	292	36	284.6	2.4	0.3	Single Age
SFB38_40	51.60	1.18	11.6800	0.1400	0.47550	0.00530	0.690	2579	11	2507	23	2638	17	2638.0	17.0	5.0	Single Age
SFB38_41	195.00	1.45	0.3445	0.0046	0.04790	0.00050	0.492	300.4	3.5	301.6	3.1	270	29	301.6	3.1	0.4	Single Age
SFB38_42	105.80	1.37	0.8660	0.0170	0.09700	0.00180	0.482	632.6	9.1	596	11	742	43	596.0	11.0	5.8	Single Age
SFB38_43	982.00	1.81	0.3280	0.0052	0.04547	0.00074	0.766	287.9	3.9	286.6	4.5	306	26	286.6	4.5	0.5	Single Age
SFB38_44	506.00	1.38	0.3889	0.0037	0.05290	0.00037	0.514	333.5	2.7	332.3	2.3	336	18	332.3	2.3	0.4	Single Age
SFB38_45	336.00	10.79	0.4410	0.0170	0.05780	0.00170	0.344	371	12	362	10	438	72	362.0	10.0	2.4	Rim
SFB38_45	88.00	1.16	1.1440	0.0180	0.12600	0.00220	0.467	773.9	8.5	765	12	806	37	765.0	12.0	1.2	Core
SFB38_47	104.80	1.06	0.3421	0.0047	0.04738	0.00049	0.123	298.6	3.5	298.4	3	298	37	298.4	3.0	0.1	Single Age
SFB38_48	446.00	1.93	0.3390	0.0027	0.04684	0.00027	0.435	296.3	2.1	295.1	1.7	313	17	295.1	1.7	0.4	Single Age
SFB38_49	1610.00	2.15	0.3150	0.0039	0.04343	0.00052	0.759	277.9	3	274	3.2	307	20	274.0	3.2	1.4	Single Age
SFB38_51	228.00	1.10	0.4106	0.0063	0.05579	0.00059	0.433	349.2	4.5	350	3.6	321	33	350.0	3.6	0.2	Single Age
SFB38_52	198.00	2.44	0.3678	0.0042	0.05069	0.00045	0.112	317.9	3.1	319.1	2.8	313	33	319.1	2.8	0.4	Single Age
SFB38_53	447.00	1.85	0.7820	0.0100	0.09500	0.00130	0.702	586.5	5.9	584.8	7.6	594	21	584.8	7.6	0.3	Rim
SFB38_53	137.30	1.16	0.8600	0.0150	0.10250	0.00110	0.440	629.5	7.9	628.7	6.7	625	34	628.7	6.7	0.1	Core
SFB38_54	226.60	2.30	0.3379	0.0039	0.04659	0.00034	0.195	295.8	2.9	293.5	2.1	309	27	293.5	2.1	0.8	Single Age
SFB38_55	512.00	0.79	0.3344	0.0033	0.04606	0.00038	0.639	292.8	2.5	290.3	2.4	313	18	290.3	2.4	0.9	Single Age
SFB38_56	72.10	1.26	0.3523	0.0064	0.04815	0.00048	0.169	306.1	4.8	303.5	2.9	323	42	303.5	2.9	0.8	Single Age
SFB38_57	95.40	1.98	6.7000	0.3900	0.29880	0.00820	0.772	2065	49	1685	41	2453	64	DISC	DISC	31.3	Rim
SFB38_57	104.80	1.43	9.4200	0.1800	0.38750	0.00790	0.749	2379	18	2110	36	2616	21	DISC	DISC	19.3	Core
SFB38_58	513.00	4.82	0.5065	0.0080	0.06212	0.00088	0.582	416	5.4	388.5	5.3	573	31	388.5	5.3	6.6	Rim
SFB38_58	145.00	2.37	0.6630	0.0210	0.08250	0.00200	0.664	516	13	511	12	524	51	511.0	12.0	1.0	Core
SFB38_59	187.90	0.82	0.7230	0.0077	0.08879	0.00094	0.643	552.2	4.6	548.3	5.6	570	23	548.3	5.6	0.7	Single Age
SFB38_61	325.00	3.20	0.3172	0.0061	0.04162	0.00055	0.555	279.6	4.7	262.9	3.4	421	38	262.9	3.4	6.0	Single Age
SFB38_62	263.00	4.44	0.6605	0.0072	0.08111	0.00086	0.554	514.7	4.4	502.7	5.2	543	24	502.7	5.2	2.3	Single Age
SFB38_63	565.00	2.40	0.2925	0.0032	0.03938	0.00050	0.429	260.8	2.6	249	3.1	342	29	249.0	3.1	4.5	Single Age
SFB38_64	197.00	3.85	0.6100	0.0120	0.07700	0.00110	0.548	483.1	7.5	478.3	6.7	500	37	478.3	6.7	1.0	Rim
SFB38_64	175.50	0.93	0.8380	0.0160	0.09900	0.00210	0.605	619.1	9.2	609	12	639	32	609.0	12.0	1.6	Core
SFB38_65	224.70	1.62	0.3565	0.0051	0.04864	0.00061	0.306	309.9	3.8	306.2	3.7	313	34	306.2	3.7	1.2	Single Age
SFB38_66	690.00	1.88	0.3305	0.0048	0.04574	0.00050	0.509	290.5	3.6	288.3	3.1	311	27	288.3	3.1	0.8	Rim
SFB38_66	610.00	2.51	0.3575	0.0049	0.04956	0.00074	0.517	310.3	3.6	311.8	4.5	300	30	311.8	4.5	0.5	Core
SFB38_67	856.00	2.43	0.3200	0.0024	0.04419	0.00029	0.418	281.9	1.9	278.7	1.8	310	17	278.7	1.8	1.1	Single Age
SFB38_68	523.00	1.30	0.4034	0.0042	0.05382	0.00057	0.487	344	3	337.9	3.5	351	24	337.9	3.5	1.8	Single Age
SFB38_69	77.60	1.06	0.5980	0.0140	0.07577	0.00095	0.206	475.4	9.2	470.8	5.7	503	56	470.8	5.7	1.0	Single Age
SFB38_71	305.00	1.64	0.3303	0.0040	0.04557	0.00040	0.136	289.7	3.1	287.3	2.4	299	29	287.3	2.4	0.8	Single Age
SFB38_72	812.00	1.16	0.3306	0.0055	0.04447	0.00075	0.744	290	4.2	280.5	4.6	385	26	280.5	4.6	3.3	Single Age
SFB38_73	327.00	7.18	0.5455	0.0084	0.06880	0.00110	0.613	441.7	5.5	428.8	6.9	487	31	428.8	6.9	2.9	Single Age
SFB38_74	378.00	1.28	0.3313	0.0034	0.04587	0.00032	0.417	290.4	2.6	289.1	2	297	22	289.1	2.0	0.4	Single Age
SFB38_75	380.00	2.01	0.3199	0.0055	0.04390	0.00056	0.570	281.7	4.2	276.9	3.5	340	33	276.9	3.5	1.7	Single Age
SFB38_76	429.00	0.75	0.3017	0.0034	0.04226	0.00034	0.334	268.3	2.7	266.8	2.1	289	27	266.8	2.1	0.6	Single Age
SFB38_77	96.70	4.71	0.6699	0.0088	0.08302	0.00075	0.071	520.3	5.4	514.6	4.5	543	29	514.6	4.5	1.1	Single Age
SFB38_78	387.00	2.59	0.2970	0.0055	0.04005	0.00061	0.466	264	4.3	253.2	3.8	375	33	253.2	3.8	4.1	Single Age
SFB38_79	1370.00	1.98	0.2843	0.0070	0.03900	0.00110	0.691	254	5.6	246.6	7	379	39	246.6	7.0	2.9	Rim
SFB38_79	335.00	1.45	0.3638	0.0084	0.04922	0.00088	0.409	314.8	6.3	309.7	5.4	380	53	309.7	5.4	1.6	Core
SFB38_80	80.30	2.20	18.2000	0.2000	0.57050	0.00570	0.768	3000	11	2912	23	3060	10	3059.9	9.9	4.8	Single Age
SFB38_81	135.90	1.48	0.5590	0.0120	0.07230	0.00190	0.442	450.2	7.7	450	11	435	51	450.0	11.0	0.0	Single Age
SFB38_82	320.00	6.73	0.5631	0.0052	0.07287	0.00053	0.527	453.4	3.4	453.4	3.2	455	18	453.4	3.2	0.0	Single Age
SFB38_83	660.00	3.39	0.3388	0.0037	0.04710	0.00048	0.339	296.2	2.8	296.7	2.9	298	30	296.7	2.9	0.2	Rim
SFB38_83	486.00	1.30	0.6470	0.0160	0.07760	0.00130	0.118	506.3	9.7	481.5	7.7	636	42	481.5	7.7	4.9	Core
SFB38_84	126.80	1.34	0.3205	0.0082	0.04179	0.00059	0.127	282	6.3	263.9	3.6	436	62	263.9	3.6	6.4	Single Age
SFB38_85	139.30	2.07	0.3233	0.0047	0.04522	0.00040	0.207	284.7	3.7	285.4	2.5	280	37	285.4	2.5	0.2	Single Age
SFB38_86	521.70	1.35	0.3295	0.0031	0.04546	0.00030	0.251	289.1	2.3	286.6	1.8	317	23	286.6	1.8	0.9	Single Age
SFB38_87	275.00	3.41	0.3199	0.0042	0.04482	0.00043	0.288	281.7	3.2	282.7	2.7	290	30	282.7	2.7	0.4	Single Age
SFB38_88	582.00	1.52	0.3737	0.0046	0.04649	0.00053	0.535	322.3	3.4	292.9	3.3	554	25	292.9	3.3	9.1	Single Age
SFB38_89	1100.00	10.64	0.3147	0.0053	0.04379	0.00063	0.642	277.7	4.1	276.3	3.9	307	29	276.3	3.9	0.5	Single Age
SFB38_90	158.30	1.05	0.3245	0.0045	0.04559	0.00044	0.349	285.2	3.5	287.4	2.7	280	33	287.4	2.7	0.8	Single Age
SFB38_91	196.50	0.93	0.3305	0.0044	0.04628	0.00052	0.422	290.2	3.5	291.7	3.2	285	31	291.7	3.2	0.5	Single Age
SFB38_92	892.20	1.93	0.3322	0.0028	0.04601	0.00025	0.309	291.5	2.1	290	1.5	316	20	290.0	1.5	0.5	Single Age
SFB38_93	360.00	6.46	0.5814	0.0092	0.07490	0.00120	0.580	465.2	5.9	465.9	7.2	485	36	465.9	7.2	0.2	Rim
SFB38_93	201.00	2.37	1.0520	0.0180	0.12080	0.00120	0.544	729.1	9.1	734.9	6.7	725	29	734.9	6.7	0.8	Core
SFB38_94	60.70	0.70	5.5800	0.0710	0.34810	0.00460	0.733	1914	11	1925	22	1909	16	1909.0	16.0	0.8	Single Age
SFB38_95	624.00	1.96	0.3361	0.0028	0.04647	0.00039	0.577	294.4	2.1	293.1	2.4	309	17	293.1	2.4	0.4	Single Age
SFB38_96	740.00	1.74	0.6060	0.0120	0.07560	0.00140	0.454	481	7.5	469.5	8.6	503	36	469.5	8.6	2.4	Single Age
SFB38_97	91.70	3.66	0.6808	0.0099	0.08458	0.00091	0.179	527.6	6.1	523.3	5.4	549	36	523.3	5.4	0.8	Single Age
SFB38_98	885.00	3.00	0.3243	0.0050	0.04497	0.00053	0.604	285.2	3.9	283.6	3.2	330	30	283.6	3.2	0.6	Single Age
SFB38_99	769.00	1.67	0.3233	0.0040	0.04424	0.00052	0.580	284.4	3.1	279.1	3.2	293	25	279.1	3.2	1.9	Single Age
SFB38_100	418.00	1.84	0.3427	0.0031	0.04748	0.00042	0.240	299.2	2.3	299.3	2.6	307	24	299.3	2.6	0.0	Single Age

SFB38_102	196.00	5.40	0.6040	0.0130	0.07750	0.00100	0.408	479.4	8.1	481.3	6.2	475	43	481.3	6.2	0.4	Single Age
SFB38_103	396.80	1.85	0.3195	0.0036	0.04451	0.00041	0.372	281.4	2.8	280.7	2.5	292	24	280.7	2.5	0.2	Single Age
SFB38_104	190.00	4.48	0.5550	0.0100	0.07100	0.00130	0.626	448.3	6.6	442.1	7.9	504	38	442.1	7.9	1.4	Single Age
SFB38_105	251.00	4.56	0.6691	0.0061	0.08297	0.00067	0.349	520.4	3.8	513.8	4	550	22	513.8	4.0	1.3	Single Age
SFB38_106	241.00	6.80	0.5620	0.0100	0.07266	0.00084	0.029	452.3	6.7	452.1	5	462	39	452.1	5.0	0.0	Single Age
SFB38_108	110.40	3.18	0.5563	0.0091	0.07120	0.00075	0.045	448.7	5.9	443.4	4.5	475	35	443.4	4.5	1.2	Single Age
SFB38_109	307.00	0.70	0.3208	0.0046	0.04412	0.00043	0.130	282.4	3.5	278.3	2.7	311	34	278.3	2.7	1.5	Single Age
SFB38_110	753.00	3.30	0.3252	0.0033	0.04465	0.00039	0.504	285.8	2.5	281.6	2.4	315	18	281.6	2.4	1.5	Single Age
SFB38_111	156.00	4.72	0.5674	0.0071	0.07283	0.00087	0.201	456.2	4.6	453.1	5.2	506	33	453.1	5.2	0.7	Single Age
SFB38_112	603.00	1.40	0.3205	0.0030	0.04426	0.00029	0.487	282.8	2.2	279.2	1.8	333	19	279.2	1.8	1.3	Single Age
SFB38_113	209.40	4.68	0.5872	0.0076	0.07491	0.00065	0.173	468.9	4.8	465.6	3.9	495	30	465.6	3.9	0.7	Single Age
SFB38_114	693.00	1.26	0.3197	0.0023	0.04449	0.00026	0.338	281.7	1.8	280.6	1.6	300	18	280.6	1.6	0.4	Single Age
SFB38_115	465.00	4.90	0.5469	0.0089	0.06940	0.00110	0.354	442.8	5.8	432.7	6.6	519	39	432.7	6.6	2.3	Rim
SFB38_115	492.70	1.04	0.6920	0.0084	0.08578	0.00097	0.452	533.9	5	530.5	5.8	571	26	530.5	5.8	0.6	Core
SFB38_116	568.00	4.08	0.3283	0.0083	0.04570	0.00100	0.828	288.2	6.4	287.8	6.4	306	51	287.8	6.4	0.1	Rim
SFB38_116	90.80	0.37	0.7960	0.0110	0.09620	0.00120	0.245	594.5	6.1	591.8	7.2	601	37	591.8	7.2	0.5	Core
SFB38_117	180.20	1.33	0.9540	0.0160	0.11076	0.00082	0.426	677.3	6.5	677.1	4.7	698	30	677.1	4.7	0.0	Single Age
SFB38_118	245.70	2.40	0.3384	0.0040	0.04722	0.00039	0.308	295.8	3.1	297.4	2.4	297	26	297.4	2.4	0.5	Single Age
SFB38_119	422.90	6.57	0.5436	0.0061	0.07016	0.00058	0.217	440.7	4	437.1	3.5	484	28	437.1	3.5	0.8	Single Age
SFB38_120	1556.00	105.30	0.3877	0.0062	0.05024	0.00062	0.461	332.7	4.5	316	3.8	474	31	316.0	3.8	5.0	Single Age

Sample Name:	09-SFB-11																
Upper Freshwater Molasse (14 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
09SFB11-1	-	-	0.40239	9.6	0.04229	7.2	0.75	323.0	26.9	248.9	17.6	899	137.9	DISC	DISC	22.9	Single Age
09SFB11-2	-	-	0.58645	2	0.07209	1.7	0.85	459.2	7.4	437.9	7.2	567	24.1	437.9	7.2	4.6	Single Age
09SFB11-3	-	-	0.32959	1.9	0.04596	1.5	0.79	286.2	4.7	286.2	4.2	286	27.6	286.2	4.2	0.0	Single Age
09SFB11-4	-	-	0.30935	2.2	0.04151	1.8	0.82	277.6	5.4	266.4	4.7	373	27.2	266.4	4.7	4.0	Single Age
09SFB11-5	-	-	0.51932	5.8	0.05705	1.7	0.29	426.2	20.4	359.1	5.9	807	119.5	DISC	DISC	15.7	Single Age
09SFB11-6	-	-	0.3262	3.7	0.04303	3	0.81	284.5	9.2	269.3	7.9	411.3	49.9	269.3	7.9	5.3	Single Age
09SFB11-7	-	-	0.56375	2.5	0.06943	2	0.8	453.4	9.2	432.1	8.4	563.2	33	432.1	8.4	4.7	Single Age
09SFB11-8	-	-	0.03264	24.1	0.00438	24.1	1	32.2	7.7	27.8	6.7	373.3	27.2	DISC	DISC	13.7	Single Age
09SFB11-9	-	-	0.57422	3.6	0.07388	2.4	0.67	461.8	13.4	460.8	10.7	466.9	60.9	460.8	10.7	0.2	Single Age
09SFB11-10	-	-	0.5114	2.3	0.06602	1.9	0.83	424.0	8.0	417.6	7.7	459.4	29.1	417.6	7.7	1.5	Single Age
09SFB11-11	-	-	0.34331	2.1	0.04698	1.6	0.76	303.5	5.5	300.2	4.7	328.8	29.7	300.2	4.7	1.1	Single Age
09SFB11-12	-	-	0.57718	1.8	0.07168	1.3	0.72	463.6	6.7	447.4	5.6	544.8	26.4	447.4	5.6	3.5	Single Age
09SFB11-13	-	-	0.31056	3.6	0.0409	3.2	0.89	276.5	8.8	260.4	8.2	415.2	38.5	260.4	8.2	5.8	Single Age
09SFB11-15	-	-	0.45212	3.4	0.0568	3.1	0.91	375.1	10.7	352.2	10.6	519.4	28.8	352.2	10.6	6.1	Single Age
09SFB11-16	-	-	0.26383	2.5	0.03449	2	0.8	237.3	5.3	218.1	4.3	431.7	33.8	218.1	4.3	8.1	Single Age
09SFB11-17	-	-	0.27221	2.3	0.03695	1.9	0.83	247.9	5.1	237.5	4.4	347	29.7	237.5	4.4	4.2	Single Age
09SFB11-18	-	-	0.52228	3.9	0.05056	1.5	0.38	425.6	13.7	317.0	4.6	1066.5	74.1	DISC	DISC	25.5	Single Age
09SFB11-19	-	-	0.35419	2.2	0.04816	1.8	0.82	308.8	5.9	304.2	5.4	343.5	29.7	304.2	5.4	1.5	Single Age
09SFB11-20	-	-	0.94058	2.8	0.11398	1.4	0.5	685.6	14.1	712.6	9.5	598.1	52.9	712.6	9.5	-3.9	Single Age
09SFB11-21	-	-	0.32356	2.3	0.04481	1.7	0.74	290.6	5.8	289.3	4.8	301.7	34.5	289.3	4.8	0.4	Single Age
09SFB11-22	-	-	0.70514	2.1	0.08845	1.7	0.81	542.0	8.9	546.6	8.9	523	26.5	546.6	8.9	-0.8	Single Age
09SFB11-23	-	-	27.06053	21.1	0.24114	21	1	3385.6	231.0	1392.6	268.5			DISC	DISC	58.9	Single Age
09SFB11-24	-	-	0.25555	6.8	0.03115	6.6	0.97	239.6	14.6	205.8	13.4	585.6	39.6	DISC	DISC	14.1	Single Age
09SFB11-25	-	-	1.74155	3.5	0.0579	2.2	0.63	1028.4	22.9	365.2	7.8	2967.2	44.3	DISC	DISC	64.5	Single Age
09SFB11-26	-	-	0.18237	4.2	0.02164	4	0.95	186.2	7.2	152.1	6.0	643.6	28.2	DISC	DISC	18.3	Single Age
09SFB11-27	-	-	0.28646	2.8	0.03946	2.4	0.86	257.5	6.4	251.3	5.9	313.7	34.4	251.3	5.9	2.4	Single Age
09SFB11-28	-	-	0.20166	5.7	0.02561	4.4	0.77	193.1	10.1	169.2	7.4	495.7	83.7	DISC	DISC	12.4	Single Age
09SFB11-29	-	-	0.53148	2.7	0.06486	2.1	0.78	426.2	9.4	397.8	8.1	582.9	37.4	397.8	8.1	6.7	Single Age
09SFB11-30	-	-	0.78667	2	0.09401	1.7	0.85	594.3	9.0	585.4	9.5	628.3	21.7	585.4	9.5	1.5	Single Age
09SFB11-31	-	-	0.72687	2.1	0.08872	1.6	0.76	555.4	9.0	548.8	8.4	582.5	28.5	548.8	8.4	1.2	Single Age
09SFB11-32	-	-	0.372	2.8	0.04711	1.8	0.64	320.2	7.7	295.7	5.2	502.1	49.2	295.7	5.2	7.7	Single Age
09SFB11-33	-	-	4.9458	3.9	0.04709	3.1	0.79	1821.3	33.6	300.5	9.1			DISC	DISC	83.5	Single Age
09SFB11-34	-	-	0.33519	2.8	0.04567	1.9	0.68	296.5	7.2	291.2	5.4	338.5	48.3	291.2	5.4	1.8	Single Age
09SFB11-35	-	-	0.84112	2	0.10303	1.8	0.9	603.3	9.1	610.9	10.5	575	19.7	610.9	10.5	-1.3	Single Age
09SFB11-36	-	-	0.4868	3.7	0.05857	3	0.81	394.6	12.2	358.3	10.5	613.5	46	358.3	10.5	9.2	Single Age
09SFB11-37	-	-	0.40866	2	0.05325	1.7	0.85	340.1	5.8	325.9	5.4	438.7	22.4	325.9	5.4	4.2	Single Age
09SFB11-38	-	-	0.26145	3.3	0.02967	2.6	0.79	234.0	6.9	186.8	4.8	738.7	42.9	DISC	DISC	20.2	Single Age
09SFB11-39	-	-	0.21139	3	0.02256	2.2	0.73	196.2	5.4	145.0	3.2	867.2	44.1	DISC	DISC	26.1	Single Age
09SFB11-40	-	-	0.24071	4.3	0.02952	3.2	0.74	211.6	8.2	180.6	5.7	572.3	64.3	DISC	DISC	14.7	Single Age
09SFB11-41	-	-	0.34802	2.3	0.04816	1.8	0.78	300.6	6.0	300.2	5.3	303.4	32.3	300.2	5.3	0.1	Single Age
09SFB11-42	-	-	0.32287	2.3	0.04468	1.7	0.74	285.5	5.7	283.3	4.7	303.4	36.9	283.3	4.7	0.8	Single Age
09SFB11-43	-	-	0.55658	1.7	0.07193	1.3	0.76	456.0	6.3	455.8	5.7	457.3	24.6	455.8	5.7	0.0	Single Age
09SFB11-44	-	-	0.35074	2.3	0.04769	1.7	0.74	306.6	6.1	301.8	5.0	343.3	36.6	301.8	5.0	1.6	Single Age
09SFB11-45	-	-	0.38627	2	0.05267	1.4	0.7	330.1	5.7	329.1	4.5	336.9	32	329.1	4.5	0.3	Single Age
09SFB11-46	-	-	0.37197	4.4	0.05123	2	0.45	320.0	12.1	320.8	6.3	314.1	91.2	320.8	6.3	-0.2	Single Age
09SFB11-47	-	-	2.39222	1.8	0.16044	1.6	0.89	1247.8	13.0	968.6	14.4	1768.3	14.7	DISC	DISC	45.2	Single Age
09SFB11-48	-	-	0.49702	2.2	0.06502	1.7	0.77	406.9	7.4	402.8	6.6	430.1	31.5	402.8	6.6	1.0	Single Age
09SFB11-49	-	-	0.34259	3.2	0.04834	1.8	0.56	299.0	8.3	304.2	5.3	259	63.2	304.2	5.3	-1.7	Single Age
09SFB11-50	-	-	0.31751	2.2	0.04327	1.6	0.73	277.4	5.4	270.3	4.2	338.1	34.4	270.3	4.2	2.6	Single Age
09SFB11-51	-	-	0.68433	7.1	0.02113	3.7	0.52	528.0	29.7	134.3	4.9	3085.7	100.8	DISC	DISC	74.6	Single Age
09SFB11-52	-	-	0.30986	4.2	0.03996	3.9	0.93	265.3	9.9	243.6	9.3	461.9	33.6	243.6	9.3	8.2	Single Age
09SFB11-53	-	-	0.34352	1.9	0.0459	1.2	0.63	299.1	4.9	288.5	3.4	382.6	34.1	288.5	3.4	3.5	Single Age
09SFB11-54	-	-	0.33021	2.4	0.04603	1.7	0.71	292.4	6.1	293.0	4.9	286.9	39.4	293.0	4.9	-0.2	Single Age
09SFB11-55	-	-	0.48043	5.6	0.05941	2.5	0.45	393.2	18.4	366.4	8.9	554.2	113	366.4	8.9	6.8	Single Age
09SFB11-56	-	-	2.43265	3.7	0.20645	2.6	0.7	1288.7	27.4	1266.4	30.0	1326	53.2	1326.0	53.2	4.5	Single Age
09SFB11-57	-	-	0.72216	3	0.08011	2.5	0.83	538.2	12.6	481.5	11.6	786.6	36.1	DISC	DISC	10.5	Single Age
09SFB11-58	-	-	1.1481	5.8	0.11796	5.1	0.88	724.9	30.5	655.6	31.9	945.7	58.4	655.6	31.9	9.6	Single Age
09SFB11-59	-	-	0.29314	2.8	0.04083	2.4	0.86	261.2	6.5	258.2	6.1	288.5	32.3	258.2	6.1	1.1	Single Age
09SFB11-60	-	-	0.67782	2.1	0.08492	1.3	0.62	524.5	8.6	524.3	6.5	525.5	37.7	524.3	6.5	0.0	Single Age
09SFB11-61	-	-	0.36399	2.3	0.04916	1.7	0.74	313.1	6.2	307.0	5.1	358.6	36.6	307.0	5.1	1.9	Single Age
09SFB11-62	-	-	0.68734	1.9	0.08586	1.5	0.79	529.9	7.9	529.5	7.6	531.9	26.5	529.5	7.6	0.1	Single Age
09SFB11-63	-	-	0.50228	2.2	0.06661	1.8	0.82	410.9	7.5	412.9	7.2	399.6	27.1	412.9	7.2	-0.5	Single Age
09SFB11-64	-	-	0.51497	3	0.06148	2.7	0.9	424.4	10.5	387.4	10.2	630.3	30.4	387.4	10.2	8.7	Single Age
09SFB11-65	-	-	0.33876	2	0.04687	1.6	0.8	294.9	5.1	293.8	4.6	303.7	27.6	293.8	4.6	0.4	Single Age
09SFB11-66	-	-	0.74223	2	0.09124	1.6	0.8	564.2	8.7	563.4	8.6	567.3	26.3	563.4	8.6	0.1	Single Age
09SFB11-67	-	-	0.32862	2	0.04551	1.7	0.85	286.1	5.0	284.2	4.7	301.9	25.3	284.2	4.7	0.7	Single Age
09SFB11-68	-	-	0.32452	2.5	0.04162	1.6	0.64	282.3	6.2	259.7	4.1	474.1	42.6	259.7	4.1	8.0	Single Age
09SFB11-69	-	-	0.33471	2	0.04623	1.6	0.8	296.0	5.1	294.4	4.6	307.9	27.5	294.4	4.6	0.5	Single Age
09SFB11-70	-	-	0.39688	5.4	0.04897	5.1	0.94	329.7	15.3	298.1	14.9	559	39.7	298.1	14.9	9.6	Single Age
09SFB11-71	-	-	0.53221	2.5	0.06856	1.9	0.76	432.9	8.9	427.1	7.9	464.2	35.9	427.1	7.9	1.3	Single Age
09SFB11-72	-	-	0.34129	2.1	0.04665	1.5	0.71	300.6	5.5	296.6	4.3	331.5	34.3	296.6	4.3	1.3	Single Age
09SFB11-73	-	-	0.42914	2.6	0.05714	1.9	0.73	369.1	8.1	365.7	6.8	390.8	41	365.7	6.8	0.9	Single Age
09SFB11-74	-	-	0.54191	2.8	0.06475	1.9	0.68	438.2	10.0	402.8	7.4	628.7	43.7	402.8	7.4	8.1	Single Age
09SFB11-75	-	-	0.34479	2.1	0.04775	1.8	0.86	301.2	5.5	301.2	5.3	301.7	25.3	301.2	5.3	0.0	Single Age
09SFB11-76	-	-	0.39746	4.2	0.05179	2.7	0.64	337.2	12.1	322.6	8.5	439	72.8	322.6	8.5	4.3	Single Age
09SFB11-77	-	-	0.55401	2.1	0.06971	1.6	0.76	446.2	7.6	432.8	6.7	516	28.8	432.8	6.7	3.0	Single Age
09SFB11-78	-	-	0.68143	2.1	0.08521	1.7	0.81	539.2	8.8	541.5	8.8	529.6	26.5	541.5	8.8	-0.4	Single Age
09SFB11-79	-	-	1.19771	3.7	0.04753	2.4	0.65	799.8	20.7	299.5	7.0	2678.2	47.1	DISC	DISC	62.6	Single Age
09SFB11-80	-	-	0.4305	2.3	0.05533	1.9	0.83	353.7	6.9	336.3	6.2	469.5	29.1	336.3	6.2	4.9	Single Age
09SFB11-81	-	-	0.77131	2.2	0.0903	1.5	0.68	581.2	9.8	558.2	8.0	672.4	34.6	558.2	8.0	4.0	Single Age
09SFB11-82	-	-	0.35233	2.8	0.04559	2	0.71	305.4	7.4	286.3	5.6	454.4	42.7	286.3	5.6	6.3	Single Age
09SFB11-83	-	-	0.39874	2.8	0.0507	2.5	0.89	341.2	8.1	319.3	7.8	493.2	29	319.3	7.8	6.4	Single Age
09SFB11-84	-	-	0.58213	1.9	0.07441	1.5	0.79	459.2	7.0	454.8	6.6	481.5	26.7	454.8	6.6	1.0	Single Age
09SFB11-85	-	-	0.16159	4.9	0.02243	4.8	0.98	139.6	6.4	130.6	6.2	296.6	27.6	130.6	6.2	6.4	Single Age

09SFB11-86	-	-	0.32686	2.4	0.04436	1.8	0.75	291.0	6.1	284.0	5.0	347.4	36.6	284.0	5.0	2.4	Single Age
09SFB11-87	-	-	0.75165	3.1	0.09207	1.3	0.42	547.5	13.2	541.0	6.7	574.9	62.1	541.0	6.7	1.2	Single Age
09SFB11-88	-	-	0.41371	1.7	0.05656	1.1	0.65	351.0	5.1	354.1	3.8	331.2	29.8	354.1	3.8	-0.9	Single Age
09SFB11-89	-	-	0.56642	2	0.07235	1.7	0.85	459.1	7.4	454.4	7.5	482.9	24.4	454.4	7.5	1.0	Single Age
09SFB11-90	-	-	1.61459	2.7	0.15204	2.1	0.78	980.4	17.1	918.6	18.0	1121.7	34.3	1121.7	34.3	18.1	Single Age
09SFB11-91	-	-	0.78603	2.3	0.09155	1.7	0.74	588.9	10.3	564.7	9.2	683.5	32.4	564.7	9.2	4.1	Single Age
09SFB11-92	-	-	0.68056	3.2	0.08519	2.8	0.87	531.4	13.3	532.3	14.3	527.4	33.2	532.3	14.3	-0.2	Single Age
09SFB11-93	-	-	0.36097	2.6	0.04712	2	0.77	318.7	7.1	303.0	5.9	435	36	303.0	5.9	4.9	Single Age
09SFB11-94	-	-	0.17921	3	0.02406	2.4	0.8	162.3	4.5	148.3	3.5	372	41.1	148.3	3.5	8.6	Single Age
09SFB11-95	-	-	0.55142	1.8	0.06993	1.4	0.78	445.1	6.5	434.7	5.9	499.1	26.7	434.7	5.9	2.3	Single Age
09SFB11-96	-	-	0.59727	2.8	0.07372	2	0.71	473.3	10.6	456.0	8.8	558.1	42	456.0	8.8	3.7	Single Age
09SFB11-97	-	-	4.74802	2	0.29503	1.7	0.85	1797.7	17.0	1705.5	25.5	1906.6	18.1	1906.6	18.1	10.5	Single Age
09SFB11-98	-	-	0.61492	2.1	0.07493	1.6	0.76	484.1	8.1	462.8	7.1	586.4	30.7	462.8	7.1	4.4	Single Age
09SFB11-99	-	-	0.32888	1.9	0.04509	1.5	0.79	289.5	4.8	285.2	4.2	324.5	25.2	285.2	4.2	1.5	Single Age
09SFB11-100	-	-	0.5584	2.3	0.06979	1.7	0.74	450.9	8.4	435.3	7.2	531	35.4	435.3	7.2	3.5	Single Age
09SFB11-101	-	-	0.33105	2.2	0.04569	1.6	0.73	290.6	5.6	288.2	4.5	309.3	34.5	288.2	4.5	0.8	Single Age
09SFB11-103	-	-	0.30971	2.5	0.04281	1.8	0.72	272.5	6.0	268.7	4.7	305.8	39.2	268.7	4.7	1.4	Single Age
09SFB11-104	-	-	0.41298	3	0.05264	2.6	0.87	367.0	9.3	348.2	8.8	487.7	33.5	348.2	8.8	5.1	Single Age
09SFB11-105	-	-	0.35869	1.9	0.04742	1.4	0.74	313.8	5.1	301.5	4.1	406.4	29.4	301.5	4.1	3.9	Single Age
09SFB11-106	-	-	0.58303	2.1	0.07016	1.7	0.81	475.5	8.0	447.4	7.4	613.3	28.3	447.4	7.4	5.9	Single Age
09SFB11-107	-	-	0.71528	2.3	0.08639	1.6	0.7	544.7	9.7	530.3	8.2	605.4	37.2	530.3	8.2	2.6	Single Age
09SFB11-108	-	-	0.33759	2.1	0.04639	1.3	0.62	292.4	5.3	289.0	3.7	319.5	39.1	289.0	3.7	1.2	Single Age
09SFB11-109	-	-	1.23606	12.7	0.02296	9.1	0.72	780.1	71.6	137.0	12.3	3872.8	141.2	DISC	DISC	82.4	Single Age
09SFB11-110	-	-	0.43346	2.3	0.05634	2	0.87	367.7	7.1	355.6	6.9	444.6	24.6	355.6	6.9	3.3	Single Age
09SFB11-111	-	-	0.33762	2.4	0.04699	1.4	0.58	295.7	6.2	296.4	4.1	290.3	44	296.4	4.1	-0.2	Single Age
09SFB11-112	-	-	0.38106	2.1	0.05162	1.5	0.71	330.7	5.9	327.7	4.8	351.9	32	327.7	4.8	0.9	Single Age
09SFB11-113	-	-	0.67202	3.1	0.08472	1.9	0.61	511.4	12.5	511.2	9.3	512.1	53.6	511.2	9.3	0.0	Single Age
09SFB11-114	-	-	0.53399	4.2	0.06651	2.6	0.62	448.1	15.3	430.7	10.8	538.6	73.9	430.7	10.8	3.9	Single Age
09SFB11-115	-	-	0.48365	1.8	0.06301	1.5	0.83	396.8	5.9	389.6	5.7	439.3	22.4	389.6	5.7	1.8	Single Age
09SFB11-116	-	-	0.36041	2.2	0.0475	1.6	0.73	311.9	5.9	298.4	4.7	413.5	33.9	298.4	4.7	4.3	Single Age
09SFB11-117	-	-	0.41686	1.9	0.05666	1.5	0.79	357.6	5.7	359.7	5.2	344.1	25.1	359.7	5.2	-0.6	Single Age
09SFB11-118	-	-	0.35037	2.1	0.04791	1.5	0.71	308.0	5.6	305.0	4.5	330.5	32.1	305.0	4.5	1.0	Single Age
09SFB11-119	-	-	0.33715	1.6	0.04716	1.3	0.81	292.6	4.1	294.3	3.7	278.7	20.8	294.3	3.7	-0.6	Single Age
09SFB11-120	-	-	1.85181	16.4	0.01713	16.4	1	672.8	84.1	55.8	9.1			DISC	DISC	91.7	Single Age
09SFB11-121	-	-	0.0335	4.3	0.00486	2.5	0.58	32.8	1.4	30.6	0.8	194.8	83.5	30.6	0.8	6.7	Single Age
09SFB11-122	-	-	0.44222	2.9	0.05491	2.5	0.86	356.2	8.7	327.8	8.0	545.2	33.1	327.8	8.0	8.0	Single Age
09SFB11-123	-	-	0.32058	1.8	0.04455	1.4	0.78	282.9	4.5	281.5	3.9	294	27.6	281.5	3.9	0.5	Single Age
09SFB11-124	-	-	0.37884	1.7	0.05193	1.4	0.82	327.8	4.8	328.2	4.5	325.2	22.9	328.2	4.5	-0.1	Single Age
09SFB11-125	-	-	0.56144	2.6	0.07193	2.1	0.81	458.6	9.6	455.0	9.2	476.3	35.8	455.0	9.2	0.8	Single Age
09SFB11-126	-	-	0.56173	1.4	0.07244	1.2	0.86	452.1	5.1	450.3	5.2	461.7	17.8	450.3	5.2	0.4	Single Age
09SFB11-127	-	-	0.75527	3.2	0.0661	1.5	0.47	577.0	14.2	417.9	6.1	1266.2	55.6	DISC	DISC	27.6	Single Age
09SFB11-128	-	-	0.52911	3.3	0.06696	2.6	0.79	443.7	11.9	432.3	10.9	503.7	44.6	432.3	10.9	2.6	Single Age
09SFB11-129	-	-	0.62169	4.4	0.07742	2.2	0.5	507.2	17.7	500.2	10.6	539	85.3	500.2	10.6	1.4	Single Age
09SFB11-130	-	-	1.62469	1.9	0.16058	1.6	0.84	955.6	11.8	926.0	13.8	1024.6	22.4	1024.6	22.4	9.6	Single Age
09SFB11-131	-	-	0.35205	2.3	0.04613	1.5	0.65	305.5	6.1	289.9	4.3	426.5	38.3	289.9	4.3	5.1	Single Age
09SFB11-132	-	-	0.31535	1.7	0.04349	1.4	0.82	276.4	4.1	272.4	3.7	311.2	22.9	272.4	3.7	1.4	Single Age
09SFB11-133	-	-	8.92746	2.8	0.08261	1.8	0.64	2329.9	25.9	511.3	8.9			DISC	DISC	78.1	Single Age
09SFB11-134	-	-	0.30047	3.3	0.04068	2.5	0.76	263.8	7.7	253.9	6.2	353	48.1	253.9	6.2	3.8	Single Age
09SFB11-135	-	-	4.30098	3.4	0.28363	2.8	0.82	1694.0	28.4	1610.4	40.0	1799.1	36.8	1799.1	36.8	10.5	Single Age
09SFB11-136	-	-	0.58601	2.6	0.07446	1.6	0.62	472.1	9.9	467.4	7.2	494.7	44.7	467.4	7.2	1.0	Single Age
09SFB11-138	-	-	0.37081	2.9	0.04526	1.8	0.62	320.1	8.0	285.2	5.0	582.6	50.8	DISC	DISC	10.9	Single Age
09SFB11-139	-	-	0.64793	1.9	0.08059	1.4	0.74	506.7	7.6	499.0	6.7	541.4	28.6	499.0	6.7	1.5	Single Age
09SFB11-140	-	-	0.30974	6.9	0.03638	6.3	0.91	266.9	16.3	223.7	13.9	665.5	63.3	DISC	DISC	16.2	Single Age
09SFB11-141	-	-	8.63306	3.3	0.42533	2.2	0.67	2300.1	30.5	2284.6	42.5	2313.8	41.7	2313.8	41.7	1.3	Single Age
09SFB11-142	-	-	0.70819	2.6	0.08786	2	0.77	551.7	11.1	552.8	10.6	547	35.3	552.8	10.6	-0.2	Single Age
09SFB11-143	-	-	0.5767	7.7	0.0615	7.3	0.95	474.4	29.6	396.9	28.2	868.9	54.8	DISC	DISC	16.3	Single Age
09SFB11-144	-	-	0.77981	3	0.09384	1.9	0.63	575.0	13.3	565.4	10.3	613.2	50.5	565.4	10.3	1.7	Single Age
09SFB11-145	-	-	77.24869	4	0.66872	2.7	0.68	4422.1	40.9	3288.4	69.9			DISC	DISC	25.6	Single Age
09SFB11-146	-	-	0.33525	4	0.04047	2.8	0.7	295.8	10.3	258.0	7.1	606.4	61.8	DISC	DISC	12.8	Single Age
09SFB11-147	-	-	0.61273	2.2	0.0778	1.9	0.86	488.5	8.6	486.8	8.9	496.4	24.5	486.8	8.9	0.3	Single Age

Sample Name:	09-SFB-07		Isotopic Ratios					Apparent Ages (Ma)									
Upper Freshwater Molasse (15.5 ± 1 Ma)																	
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB07_1	232.1	2.17	0.3501	0.0039	0.04839	0.00039	0.43	304.7	2.9	304.6	2.4	311	14	304.6	2.4	0.0	Single Age
SFB07_2	101.3	1.29	0.378	0.0079	0.04756	0.00061	0.24005	326.6	6.1	299.5	3.8	503	27	299.5	3.8	8.3	Single Age
SFB07_3	470	90.00	0.439	0.013	0.0588	0.0013	0.7532	369.1	9	368	8.2	363	18	368.0	8.2	0.3	Rim
SFB07_3	113.5	1.46	0.734	0.019	0.0914	0.002	0.73886	560	11	564	12	546	19	564.0	12.0	-0.7	Core
SFB07_4	557	1.28	0.3396	0.0052	0.04659	0.00067	0.79498	296.8	3.9	293.6	4.1	329	15	293.6	4.1	1.1	Single Age
SFB07_5	384	0.94	0.5745	0.0048	0.07443	0.00056	0.43317	460.8	3.1	462.8	3.4	453	12	462.8	3.4	-0.4	Single Age
SFB07_6	666	3.43	0.3492	0.0031	0.04835	0.00047	0.66764	304.1	2.4	304.4	2.9	299.1	9.3	304.4	2.9	-0.1	Single Age
SFB07_7	1550	2.60	0.3409	0.0036	0.04645	0.00046	0.7116	297.8	2.7	292.7	2.8	355	12	292.7	2.8	1.7	Single Age
SFB07_8	663	2.37	0.3321	0.0068	0.04528	0.00084	0.51547	291.1	5.2	285.5	5.2	312	24	285.5	5.2	1.9	Rim
SFB07_8	527	1.51	0.3655	0.0053	0.04976	0.00077	0.67311	316.3	3.9	313	4.8	344	16	313.0	4.8	1.0	Core
SFB07_10	744	0.75	0.3151	0.004	0.04366	0.00064	0.80143	278.1	3.1	275.5	3.9	311	12	275.5	3.9	0.9	Single Age
SFB07_11	827	2.92	0.343	0.0033	0.04748	0.00049	0.75948	299.4	2.5	299	3	316.5	8.8	299.0	3.0	0.1	Single Age
SFB07_12	536	1.60	0.3464	0.0038	0.0484	0.00054	0.71068	302	2.9	304.7	3.3	298	13	304.7	3.3	-0.9	Single Age
SFB07_13	253.9	1.12	0.3366	0.0038	0.04719	0.00048	0.32929	294.5	2.9	297.2	2.9	298	16	297.2	2.9	-0.9	Single Age
SFB07_14	167.1	5.08	6.625	0.052	0.3742	0.0031	0.78422	2062	6.9	2049	15	2080.6	6.7	2080.6	6.7	1.5	Single Age
SFB07_15	33.9	0.86	3.284	0.069	0.2602	0.0047	0.94829	1475	17	1490	24	1462	15	1462.0	15.0	-1.9	Single Age
SFB07_16	851	2.35	0.3407	0.0022	0.04756	0.00039	0.45095	297.7	1.7	299.5	2.4	292.8	9.3	299.5	2.4	-0.6	Single Age
SFB07_17	271	1.63	0.3554	0.0038	0.04807	0.00053	0.17071	308.7	2.9	302.6	3.3	352	19	302.6	3.3	2.0	Single Age
SFB07_18	424.8	1.22	0.3418	0.0037	0.04716	0.0004	0.48987	298.5	2.8	297	2.5	310	13	297.0	2.5	0.5	Single Age
SFB07_19	589	1.74	4.82	0.23	0.28	0.013	0.97949	1781	41	1590	67	1993	11	DISC	DISC	20.2	Single Age
SFB07_20	121.7	3.61	0.76	0.018	0.0936	0.0021	0.85725	575	10	576	13	574	15	576.0	13.0	-0.2	Single Age
SFB07_21	613	1.90	0.3275	0.0032	0.04539	0.00045	0.74276	287.9	2.5	286.1	2.8	303	12	286.1	2.8	0.6	Single Age
SFB07_22	524	2.78	0.4166	0.0065	0.05315	0.00064	0.52645	353.6	4.6	333.8	3.9	489	25	333.8	3.9	5.6	Single Age
SFB07_23	256	1.49	0.37	0.0053	0.04994	0.00071	0.54636	319.5	3.9	314.1	4.4	368	21	314.1	4.4	1.7	Single Age
SFB07_24	937	3.61	0.6006	0.0055	0.07615	0.00068	0.82261	477.5	3.5	473.1	4.1	500.2	7.5	473.1	4.1	0.9	Single Age
SFB07_25	252	3.12	0.618	0.016	0.0804	0.0018	0.47749	488	10	498	11	458	23	498.0	11.0	-2.0	Rim
SFB07_25	129	3.61	2.726	0.072	0.194	0.0039	0.76261	1334	20	1142	21	1658	16	DISC	DISC	31.1	Core
SFB07_26	559	2.49	0.3498	0.0049	0.04831	0.00062	0.80678	304.4	3.7	304.6	3.7	313	11	304.6	3.7	-0.1	Single Age
SFB07_27	232	0.74	5.229	0.099	0.3316	0.0059	0.95907	1858	17	1845	29	1870.7	7.5	1870.7	7.5	1.4	Single Age
SFB07_28	546	2.10	0.3448	0.0042	0.04744	0.00054	0.58731	300.8	3.2	298.8	3.3	325	13	298.8	3.3	0.7	Single Age
SFB07_29	379.1	1.05	0.3576	0.0043	0.04957	0.00051	0.40889	310.3	3.2	311.9	3.2	299	17	311.9	3.2	-0.5	Single Age
SFB07_30	522	1.84	0.4021	0.0057	0.05266	0.00074	0.40134	343.9	4.3	330.8	4.5	449	20	330.8	4.5	3.8	Single Age
SFB07_31	74.2	1.81	0.3228	0.0052	0.0446	0.0006	0.54934	283.9	4	281.2	3.7	326	21	281.2	3.7	1.0	Single Age
SFB07_32	1570	2.91	0.2934	0.0073	0.02972	0.00094	0.93148	261.1	5.8	188.8	5.9	974	18	DISC	DISC	27.7	Single Age
SFB07_33	182.6	1.26	9.02	0.15	0.3748	0.0053	0.82457	2338	16	2051	25	2596.2	8.4	DISC	DISC	21.0	Single Age
SFB07_35	2020	147.00	0.344	0.014	0.0459	0.0017	0.92381	300	10	289	11	373	24	289.0	11.0	3.7	Rim
SFB07_35	268	1.48	0.889	0.026	0.1066	0.003	0.92062	645	14	653	18	612	13	653.0	18.0	-1.2	Core
SFB07_36	75.89	1.31	1.925	0.021	0.1855	0.0018	0.2078	1089	7.3	1097	9.7	1067	12	1067.0	12.0	-2.8	Single Age
SFB07_37	1690	2.31	0.2822	0.009	0.0365	0.0013	0.96393	252.2	7.1	231	8.3	399	14	231.0	8.3	8.4	Single Age
SFB07_38	381.4	0.79	0.3376	0.0032	0.0472	0.00043	0.4699	295.3	2.4	297.3	2.7	284	12	297.3	2.7	-0.7	Single Age
SFB07_39	838	3.27	0.328	0.0038	0.04497	0.0006	0.78862	288	2.9	283.6	3.7	329	9.8	283.6	3.7	1.5	Single Age
SFB07_40	465	1.63	0.3429	0.0066	0.0459	0.0011	0.82758	299.3	5	289	6.5	391	24	289.0	6.5	3.4	Single Age
SFB07_41	192.5	1.21	0.3645	0.0039	0.04991	0.00051	0.34759	315.5	2.9	314	3.1	322	17	314.0	3.1	0.5	Single Age
SFB07_42	1200	2.54	0.3183	0.0026	0.04382	0.00043	0.63553	280.5	2	276.4	2.6	317.1	9.3	276.4	2.6	1.5	Single Age

SFB07_43	1710	0.59	0.2874	0.0083	0.0367	0.0013	0.93908	256.3	6.6	232.3	8.2	517	28	232.3	8.2	9.4	Single Age
SFB07_44	149.7	1.06	0.3291	0.0045	0.04559	0.00045	0.32197	288.7	3.4	287.4	2.8	302	18	287.4	2.8	0.5	Single Age
SFB07_45	267.5	8.71	0.6101	0.0074	0.07825	0.00086	0.71077	484	4.5	485.6	5.1	470	11	485.6	5.1	-0.3	Single Age
SFB07_47	380	5.73	0.6242	0.0062	0.08012	0.00081	0.48063	492.3	3.8	496.8	4.8	485	15	496.8	4.8	-0.9	Single Age
SFB07_48	752	2.21	0.3172	0.0035	0.04357	0.00041	0.6724	279.7	2.7	274.9	2.5	335	11	274.9	2.5	1.7	Single Age
SFB07_49	150	0.64	0.3345	0.0057	0.04555	0.00061	0.10384	292.9	4.4	287.1	3.7	363	32	287.1	3.7	2.0	Single Age
SFB07_50	910	2.09	0.332	0.0067	0.0454	0.0013	0.86243	292	5.4	286	7.9	355	28	286.0	7.9	2.1	Single Age
SFB07_52	773	2.35	0.3333	0.0043	0.0457	0.00054	0.65318	292	3.3	288	3.3	334	15	288.0	3.3	1.4	Single Age
SFB07_53	67.3	1.57	0.3496	0.0066	0.04832	0.00073	0.15565	304.3	4.9	304.2	4.5	290	35	304.2	4.5	0.0	Single Age
SFB07_54	353	6.75	0.3606	0.0077	0.0503	0.0011	0.81777	312.4	5.8	316.5	6.5	288	17	316.5	6.5	-1.3	Single Age
SFB07_55	1307	3.32	0.3213	0.0027	0.04452	0.00036	0.61301	282.9	2.1	280.8	2.2	316.8	8.4	280.8	2.2	0.7	Single Age
SFB07_56	405	2.39	0.3733	0.0064	0.04944	0.00087	0.63068	322	4.7	311	5.3	399	26	311.0	5.3	3.4	Single Age
SFB07_57	376	0.96	0.598	0.0066	0.078	0.001	0.76286	475.8	4.2	483.9	6.1	447	15	483.9	6.1	-1.7	Single Age
SFB07_58	1594	1.91	0.2902	0.004	0.03945	0.00065	0.75152	258.7	3.1	249.4	4	358	17	249.4	4.0	3.6	Single Age
SFB07_59	213.2	2.33	0.323	0.0041	0.0447	0.00046	0.45117	284.1	3.1	281.9	2.8	309	13	281.9	2.8	0.8	Single Age
SFB07_60	165.6	0.69	0.3965	0.0068	0.05206	0.00056	0.19998	338.9	4.9	327.1	3.5	444	31	327.1	3.5	3.5	Single Age
SFB07_61	1103	3.46	0.3492	0.0084	0.04541	0.00098	0.84595	303.8	6.3	286.2	6	460	21	286.2	6.0	5.8	Single Age
SFB07_62	410	2.41	0.4	0.01	0.04719	0.00068	0.62879	342.2	7.6	297.2	4.2	661	38	DISC	DISC	13.2	Single Age
SFB07_64	80.3	1.12	0.751	0.016	0.0909	0.0016	0.70493	567.9	9.3	560.9	9.5	632	22	560.9	9.5	1.2	Single Age
SFB07_65	348	2.23	0.3265	0.0049	0.0443	0.0006	0.65455	286.8	3.8	279.4	3.7	303	16	279.4	3.7	2.6	Single Age
SFB07_66	1084	3.16	0.3322	0.0028	0.04582	0.00042	0.67756	291.2	2.1	288.8	2.6	304.2	9.8	288.8	2.6	0.8	Single Age
SFB07_67	61.6	1.66	0.3288	0.007	0.04573	0.00056	0.30931	288.4	5.4	288.2	3.5	286	27	288.2	3.5	0.1	Single Age
SFB07_68	181	2.21	7.14	0.22	0.3202	0.0085	0.94592	2130	27	1789	42	2464	14	DISC	DISC	27.4	Single Age
SFB07_69	16.96	0.99	1.059	0.021	0.1215	0.0021	0.079429	733	10	739	12	731	27	739.0	12.0	-0.8	Single Age
SFB07_70	758	2.68	0.3376	0.0049	0.04655	0.00075	0.82501	295.2	3.7	293.3	4.6	315	8.2	293.3	4.6	0.6	Single Age
SFB07_71	181.4	119.80	0.4626	0.0081	0.06006	0.00087	0.034812	385.9	5.6	377.1	5.6	433	25	377.1	5.6	2.3	Rim
SFB07_71	162.3	8.43	1.185	0.037	0.096	0.0021	0.77122	793	17	591	12	1407	24	DISC	DISC	25.5	Core
SFB07_72	287	1.47	0.3276	0.0054	0.04457	0.00054	0.55862	287.6	4.2	281.1	3.3	358	23	281.1	3.3	2.3	Single Age
SFB07_73	2017	4.40	0.5831	0.0088	0.06938	0.00097	0.7103	466.2	5.6	432.3	5.9	644	19	432.3	5.9	7.3	Single Age
SFB07_74	255	2.12	1.824	0.015	0.1798	0.0015	0.66501	1054	5.5	1066	8.2	1034.5	8.2	1034.5	8.2	-3.0	Single Age
SFB07_75	545	1.57	0.3209	0.0057	0.04338	0.0006	0.59059	282.5	4.4	273.8	3.7	330	18	273.8	3.7	3.1	Single Age
SFB07_76	105.4	1.78	0.3224	0.0045	0.04541	0.00042	0.3808	283.6	3.4	286.3	2.6	251	16	286.3	2.6	-1.0	Single Age
SFB07_77	603	2.34	0.3233	0.0037	0.04441	0.00052	0.51809	284.4	2.9	280.1	3.2	315	17	280.1	3.2	1.5	Single Age
SFB07_78	770	1.04	0.3029	0.0082	0.0419	0.0013	0.89661	268.5	6.4	264.8	7.9	310	14	264.8	7.9	1.4	Single Age
SFB07_79	129	1.21	10.67	0.21	0.4731	0.0095	0.95143	2492	19	2495	42	2495.9	7.9	2495.9	7.9	0.0	Single Age
SFB07_80	459	1.25	0.3529	0.0049	0.04808	0.00059	0.55281	306.8	3.7	302.7	3.6	325	18	302.7	3.6	1.3	Single Age
SFB07_81	424	1.64	0.3377	0.0039	0.04688	0.00042	0.55451	295.4	2.9	295.3	2.6	304	13	295.3	2.6	0.0	Single Age
SFB07_82	743	1.11	0.3415	0.0032	0.04038	0.00045	0.3007	298.2	2.4	255.2	2.8	643	23	DISC	DISC	14.4	Single Age
SFB07_83	565	2.95	0.3535	0.0069	0.04912	0.00093	0.89656	307.7	5.1	309.1	5.7	307	12	309.1	5.7	-0.5	Single Age
SFB07_84	863	1.64	0.3218	0.004	0.04467	0.00065	0.83548	283.6	3	281.7	4	307	12	281.7	4.0	0.7	Single Age
SFB07_85	888	1.66	0.3289	0.0044	0.04378	0.00053	0.59721	289.2	3.4	276.2	3.3	394	20	276.2	3.3	4.5	Single Age
SFB07_86	105.8	1.71	0.3274	0.0059	0.04581	0.00051	0.28588	288	4.6	288.7	3.2	304	20	288.7	3.2	-0.2	Single Age
SFB07_87	390	1.48	0.3514	0.0056	0.04839	0.00069	0.72487	305.7	4.2	304.6	4.3	314	14	304.6	4.3	0.4	Single Age
SFB07_88	343	1.03	0.4941	0.0043	0.06574	0.0006	0.61694	407.6	2.9	410.4	3.6	398	10	410.4	3.6	-0.7	Single Age
SFB07_89	1360	2.77	0.339	0.012	0.0412	0.0012	0.79814	295.5	9.3	260.4	7.4	612	39	DISC	DISC	11.9	Single Age
SFB07_90	575	2.85	0.349	0.0045	0.04828	0.00072	0.65377	303.9	3.4	303.9	4.4	316	14	303.9	4.4	0.0	Single Age
SFB07_91	63	0.90	0.879	0.015	0.1059	0.0013	0.43788	640.2	8.1	648.7	7.6	601	20	648.7	7.6	-1.3	Single Age
SFB07_93	341	5.66	0.5955	0.0046	0.077	0.00066	0.50056	474.6	2.9	478.2	3.9	471.3	9.8	478.2	3.9	-0.8	Single Age
SFB07_94	210	3.88	0.3421	0.0045	0.04753	0.00051	0.35427	298.6	3.4	299.3	3.1	302	19	299.3	3.1	-0.2	Single Age
SFB07_96	206	1.91	0.3416	0.0059	0.04702	0.0005	0.26509	298.2	4.4	296.2	3.1	310	18	296.2	3.1	0.7	Single Age
SFB07_97	1264	1.19	0.2935	0.0035	0.03814	0.00044	0.64587	261.3	2.7	241.3	2.8	394	15	241.3	2.8	7.7	Single Age
SFB07_98	1890	2.38	0.233	0.016	0.0284	0.0026	0.98071	212	13	180	16	571	72	DISC	DISC	15.1	Single Age
SFB07_100	809	1.93	0.3266	0.0072	0.04423	0.00089	0.815	286.8	5.5	279	5.5	370	20	279.0	5.5	2.7	Single Age
SFB07_101	638	13.30	0.5372	0.0079	0.0693	0.0011	0.87527	437	5.1	431.9	6.9	463	11	431.9	6.9	1.2	Single Age
SFB07_102	759	1.52	0.3231	0.0043	0.04474	0.00071	0.7356	284.2	3.3	282.1	4.4	313	18	282.1	4.4	0.7	Single Age
SFB07_103	282	0.94	0.3504	0.0046	0.04868	0.00056	0.35644	304.9	3.5	306.9	3.4	301	14	306.9	3.4	-0.7	Single Age
SFB07_104	954	1.99	0.3281	0.0039	0.04334	0.00058	0.73322	288.1	3	273.5	3.6	397	10	273.5	3.6	5.1	Single Age
SFB07_105	710	3.20	0.42	0.12	0.051	0.014	0.99896	349	82	320	85	562	35	DISC	DISC	8.3	Rim
SFB07_105	41.54	1.22	1.257	0.019	0.1367	0.0018	0.36593	827.3	8.2	826	10	829	18	826.0	10.0	0.2	Core
SFB07_106	246	2.23	0.3615	0.0055	0.04958	0.00054	0.49286	313.2	4.1	311.9	3.3	335	21	311.9	3.3	0.4	Single Age
SFB07_107	983	2.27	0.941	0.034	0.1031	0.0041	0.96922	672	18	632	24	827	10	632.0	24.0	6.0	Single Age
SFB07_108	390	27.30	0.601	0.04	0.0753	0.0047	0.97589	477	26	468	28	504	23	468.0	28.0	1.9	Rim
SFB07_108	151.1	1.09	2.133	0.03	0.1927	0.0032	0.61285	1159	9.6	1136	17	1206	17	1206.0	17.0	5.8	Core
SFB07_109	251	13.67	0.415	0.0053	0.05622	0.0007	0.56372	352.8	3.7	352.6	4.3	352	13	352.6	4.3	0.1	Single Age
SFB07_110	350.5	1.69	0.3273	0.0034	0.04533	0.00044	0.30453	287.5	2.6	285.8	2.7	289	15	285.8	2.7	0.6	Single Age
SFB07_111	940	1.46	0.3259	0.0038	0.04077	0.00056	0.67501	286.4	2.9	257.6	3.4	543	15	DISC	DISC	10.1	Single Age
SFB07_112	726.6	2.40	0.3302	0.0029	0.0456	0.00044	0.57816	289.6	2.3	287.5	2.7	303.5	9.7	287.5	2.7	0.7	Single Age
SFB07_113	477	1.13	0.34	0.0047	0.04722	0.0007	0.6888	297	3.6	297.4	4.3	291	15	297.4	4.3	-0.1	Single Age
SFB07_114	558	7.57	0.341	0.0041	0.04717	0.00061	0.60239	297.8	3.1	297.1	3.7	284	15	297.1	3.7	0.2	Single Age
SFB07_115	533	2.43	0.3294	0.0074	0.0448	0.0011	0.33697	288.9	5.6	282.3	6.9	336	21	282.3	6.9	2.3	Single Age
SFB07_116	179.5	2.29	1.662	0.026	0.165	0.0026	0.79512	994	10	987	14	1003	10	1003.0	10.0	1.6	Single Age
SFB07_117	475	1.34	1.086	0.025	0.1202	0.0026	0.90925	745	12	733	14	776	14	733.0	14.0	1.6	Single Age
SFB07_118	447	2.69	0.3518	0.004	0.04885	0.0005	0.73486	306	3	307.4	3.1	287	10	307.4	3.1	-0.5	Single Age
SFB07_119	1053	146.00	0.3324	0.0055	0.04521	0.00068	0.46906	291.4	4.2	285	4.2	343	16	285.0	4.2	2.2	Single Age
SFB07_120	486	2.22	0.3451	0.0052	0.04774	0.00067	0.809	300.9	3.9	300.6	4.1	305	12	300.6	4.1	0.1	Single Age

Sample Name:	09-SFB-12		Isotopic Ratios					Apparent Ages (Ma)									
Upper Freshwater Molasse (16 ± 1 Ma)																	
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB12_1	11.18	25.6	14.05	0.33	0.1613	0.0038	0.77215	2754	22	964	21	4589	12	DISC	DISC	79.0	Single Age
SFB12_3	142.2	2.23	0.894	0.019	0.1062	0.0022	0.53047	647	10	651	13	641	20	651.0	13.0	-0.6	Single Age
SFB12_4	401	1.249	0.3408	0.0042	0.04678	0.00053	0.55992	297.7	3.2	294.7	3.3	303	14	294.7	3.3	1.0	Single Age
SFB12_7	158	1.23	0.874	0.023	0.1029	0.0026	0.88095	637	13	633	15	637	16	633.0	15.0	0.6	Single Age
SFB12_10	984	1.416	0.5492	0.0095	0.0605	0.0012	0.88324	444.3	6.3	378.7	7.4	801	11	DISC	DISC	14.8	Single Age
SFB12_11	307	5.61	0.3154	0.0076	0.044	0.001	0.63291	278.2	5.9	277.6	6.4	288	24	277.6	6.4	0.2	Single Age
SFB12_14	545	2.61	0.3657	0.0054	0.05057	0.00072	0.79478	316.8	4.1	318	4.4	318	11	318.0	4.4	-0.4	Single Age
SFB12_16	851.4	6.81	0.3569	0.0053	0.04703	0.00058	0.79477	309.8	4	296.3	3.6	427	14	296.3	3.6	4.4	Single Age
SFB12_17	1469	8.29	0.672	0.024	0.0795	0.0015	0.44867	521	15	493.4	8.7	623	33	493.4	8.7	5.3	Rim
SFB12_17	995	2.79	3.656	0.038	0.241	0.003	0.65868	1562	8.4	1392	16	1804	11	DISC	DISC	22.8	Core
SFB12_18	104.1	2.232	0.805	0.014	0.0525	0.0011	0.42113	599.5	8.1	329.5	6.8	1802	25	DISC	DISC	45.0	Single Age
SFB12_20	441	3.02	0.719	0.018	0.0884	0.0023	0.94002	549	11	546	14	544	10	546.0	14.0	0.5	Single Age
SFB12_22	561	2.04	0.402	0.0048	0.0545	0.00065	0.77144	343	3.5	342.1	4	347	10	342.1	4.0	0.3	Single Age
SFB12_24	606	1.285	0.318	0.011	0.0429	0.0013	0.93259	279.9	8.3	270.5	8.1	358	20	270.5	8.1	3.4	Single Age
SFB12_25	1000	2.17	0.2651	0.0028	0.03702	0.00041	0.74263	238.7	2.3	234.3	2.6	289	12	234.3	2.6	1.8	Single Age
SFB12_26	963	2.11	0.2386	0.0074	0.0328	0.0012	0.96641	216.9	6	207.8	7.4	348	13	207.8	7.4	4.2	Single Age
SFB12_29	239	1.453	0.496	0.012	0.061	0.0012	0.73164	408.7	7.8	381.8	7.4	583	26	381.8	7.4	6.6	Single Age
SFB12_31	456	1.685	1.242	0.015	0.1346	0.0015	0.73602	820.5	7.1	814.1	8.8	832	13	814.1	8.8	0.8	Single Age
SFB12_32	430	4.72	0.5697	0.0075	0.07331	0.00083	0.60889	458.5	4.9	456	5	472	12	456.0	5.0	0.5	Single Age
SFB12_34	159.4	1.89	0.5748	0.0064	0.0751	0.00076	0.48948	460.9	4.1	466.8	4.6	452	13	466.8	4.6	-1.3	Single Age
SFB12_35	243.1	22.4	10.37	0.17	0.3984	0.0064	0.8906	2467	15	2166	28	2738.7	8.4	DISC	DISC	20.9	Single Age
SFB12_37	584	1.9	0.3459	0.0058	0.04718	0.00082	0.78871	301.4	4.3	297.2	5.1	335	13	297.2	5.1	1.4	Single Age

Sample Name:	09-SFB-14		Isotopic Ratios					Apparent Ages (Ma)									
Upper Marine Molasse (17.5 ± 1 Ma)																	
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB14_1	352	7.85	0.6222	0.0063	0.07678	0.0006	0.50035	491.1	4	476.9	3.6	557	12	476.9	3.6	2.9	Single Age
SFB14_2	125.7	1.67	0.3188	0.0061	0.04472	0.00071	0.5754	280.8	4.7	282	4.4	288	24	282.0	4.4	-0.4	Single Age

SFB14_3	242	28.7	0.4063	0.0089	0.0537	0.0013	0.50578	346.1	6.4	337.2	7.8	415	34	337.2	7.8	2.6	Rim
SFB14_3	114	0.763	1.865	0.021	0.1781	0.0022	0.50698	1069	7.5	1056	12	1102	11	1102.0	11.0	4.2	Core
SFB14_4	99.5	1.0568	0.7533	0.009	0.09255	0.00089	0.32599	569.9	5.2	570.6	5.2	575	18	570.6	5.2	-0.1	Single Age
SFB14_5	240	1.636	0.5863	0.0069	0.07544	0.0007	0.69002	468.3	4.4	468.8	4.2	476	11	468.8	4.2	-0.1	Single Age
SFB14_6	1054	1.031	0.2514	0.0057	0.0344	0.001	0.94216	227.6	4.6	218.2	6.4	320	18	218.2	6.4	4.1	Single Age
SFB14_7	693	2.02	0.3101	0.0037	0.04329	0.00025	0.59396	274.8	2.8	273.2	1.5	299	12	273.2	1.5	0.6	Single Age
SFB14_8	280	1.177	0.3207	0.0056	0.04546	0.00076	0.76589	283.1	4.5	286.6	4.7	288	18	286.6	4.7	-1.2	Single Age
SFB14_9	1450	1.781	0.289	0.0038	0.03979	0.00055	0.93653	257.7	3	251.5	3.4	319.6	7.6	251.5	3.4	2.4	Single Age
SFB14_10	103.5	1.856	0.8831	0.0086	0.1063	0.00096	0.30478	642.5	4.7	651.2	5.6	624	12	651.2	5.6	-1.4	Single Age
SFB14_11	697	2.37	0.3111	0.005	0.04339	0.00079	0.80447	275	3.9	273.8	4.9	300	15	273.8	4.9	0.4	Single Age
SFB14_12	178	2.2	0.89	0.017	0.1047	0.002	0.6484	645.6	9.2	642	11	664	18	642.0	11.0	0.6	Single Age
SFB14_13	558	5.5	0.3123	0.0058	0.04373	0.00079	0.84441	275.9	4.4	275.9	4.8	292	12	275.9	4.8	0.0	Single Age
SFB14_14	803	183	0.3414	0.0048	0.04691	0.00051	0.34728	298.2	3.6	295.5	3.2	317	15	295.5	3.2	0.9	Single Age
SFB14_15	187	1.788	0.335	0.0046	0.04684	0.00061	0.50684	293.3	3.5	295.1	3.8	295	17	295.1	3.8	-0.6	Single Age
SFB14_16	148	1.64	1.861	0.018	0.1829	0.0016	0.74917	1067	6.5	1082.4	8.6	1031.1	9.6	1031.1	9.6	-5.0	Single Age
SFB14_17	281	2.14	0.3315	0.0051	0.04669	0.00051	0.79796	290.6	3.9	294.2	3.2	293	20	294.2	3.2	-1.2	Single Age
SFB14_18	357	6.73	0.576	0.01	0.0742	0.0012	0.67579	461.9	6.6	461.5	7.3	464	17	461.5	7.3	0.1	Single Age
SFB14_19	62.9	0.654	0.3142	0.0054	0.0443	0.00089	0.20141	277.3	4.2	279.4	5.5	298	23	279.4	5.5	-0.8	Single Age
SFB14_20	205.6	27.4	0.3964	0.0049	0.05433	0.00044	0.38945	338.9	3.6	341.1	2.7	342	17	341.1	2.7	-0.6	Single Age
SFB14_21	229	5.66	0.648	0.024	0.0821	0.0026	0.89963	506	14	509	15	514	20	509.0	15.0	-0.6	Rim
SFB14_21	195.9	2.297	1.497	0.043	0.1534	0.0035	0.9375	928	17	920	19	956	16	956.0	16.0	3.8	Core
SFB14_22	375	18.7	0.578	0.011	0.0738	0.0024	0.61423	463.4	6.8	459	14	466	55	459.0	14.0	0.9	Rim
SFB14_22	188.5	1.31	6.59	0.057	0.3454	0.0026	0.7335	2058	7.6	1912	12	2207	7.4	2207.0	7.4	13.4	Core
SFB14_23	474	2.89	0.3265	0.0044	0.0458	0.00058	0.65365	286.8	3.4	288.7	3.6	285	12	288.7	3.6	-0.7	Single Age
SFB14_24	417	2.38	0.3322	0.0043	0.04635	0.00066	0.45877	291.2	3.3	292	4	286	12	292.0	4.0	-0.3	Single Age
SFB14_25	97.4	0.9386	0.5696	0.0098	0.07332	0.00094	0.32428	457.6	6.3	456.1	5.6	485	22	456.1	5.6	0.3	Single Age
SFB14_26	106.6	1.342	0.3159	0.0044	0.04421	0.00038	0.13342	278.7	3.4	278.8	2.3	276	19	278.8	2.3	0.0	Single Age
SFB14_27	173.2	1.395	0.377	0.0055	0.05172	0.00048	0.4803	324.7	4.1	325.1	2.9	325	15	325.1	2.9	-0.1	Single Age
SFB14_28	940	52	0.417	0.017	0.0558	0.002	0.93439	353	12	350	12	376	17	350.0	12.0	0.8	Rim
SFB14_28	108.6	2.467	2.109	0.052	0.1604	0.003	0.84383	1154	18	959	17	1540	17	DISC	DISC	37.7	Core
SFB14_29	159	6.1	0.635	0.043	0.0801	0.0048	0.9775	495	27	496	28	503	24	496.0	28.0	-0.2	Single Age
SFB14_30	176	5.19	0.5668	0.007	0.07328	0.00075	0.73623	455.7	4.5	456.5	4.4	445.6	9.2	456.5	4.4	-0.2	Single Age
SFB14_31	234.1	1.395	0.55	0.011	0.0712	0.0016	0.92512	445	7.5	443.5	9.8	467.7	9.2	443.5	9.8	0.3	Single Age
SFB14_32	381	3.029	0.715	0.013	0.0887	0.0017	0.9123	547.4	7.7	548	10	547	10	548.0	10.0	-0.1	Single Age
SFB14_33	123	3.48	0.6944	0.0091	0.08663	0.00097	0.38781	536.2	5.6	535.5	5.7	543	14	535.5	5.7	0.1	Single Age
SFB14_34	35.7	1.719	3.834	0.043	0.0805	0.0013	0.48352	1599	9.1	499.1	7.7	3682	14	DISC	DISC	68.8	Single Age
SFB14_35	497	2.77	0.3318	0.0058	0.04603	0.00078	0.82423	290.8	4.4	290.1	4.8	289.2	9.6	290.1	4.8	0.2	Single Age
SFB14_36	102.7	0.954	0.3206	0.0041	0.04518	0.00047	0.048873	282.3	3.1	284.8	2.9	280	21	284.8	2.9	-0.9	Single Age
SFB14_37	647	5.89	0.2738	0.0023	0.03863	0.00024	0.13891	245.7	1.9	244.3	1.5	270	13	244.3	1.5	0.6	Single Age
SFB14_38	565.1	1.467	0.2892	0.004	0.04024	0.00045	0.63097	257.9	3.2	254.3	2.8	289	13	254.3	2.8	1.4	Single Age
SFB14_39	111.9	1.636	0.3596	0.0051	0.05032	0.00066	0.50384	311.8	3.8	316.4	4.1	315	18	316.4	4.1	-1.5	Single Age
SFB14_40	196.9	3.18	0.5683	0.0072	0.07386	0.00066	0.51653	456.8	4.6	459.3	3.9	457	14	459.3	3.9	-0.5	Single Age
SFB14_41	200	1.91	0.3563	0.0053	0.04956	0.00048	0.34693	309.3	4	311.8	3	334	36	311.8	3.0	-0.8	Single Age
SFB14_42	354.3	10.4	0.5475	0.0083	0.06875	0.00059	0.3727	443.1	5.4	428.6	3.6	520	29	428.6	3.6	3.3	Single Age
SFB14_43	200	1.227	0.3222	0.0063	0.04362	0.00052	0.20356	283.4	4.8	275.2	3.2	333	43	275.2	3.2	2.9	Single Age
SFB14_44	247.6	3.02	5.909	0.079	0.3303	0.0051	0.39161	1962	11	1840	25	2096	39	2096.0	39.0	12.2	Single Age
SFB14_45	319	9.4	0.553	0.014	0.0729	0.0014	0.71553	446.8	9.1	453.6	8.2	465	33	453.6	8.2	-1.5	Single Age
SFB14_46	87.7	0.96	0.3578	0.0085	0.0506	0.00082	0.24895	310.4	6.3	318.2	5	261	59	318.2	5.0	-2.5	Single Age
SFB14_47	130	0.54	0.207	0.02	0.0227	0.0039	0.53429	191	17	145	25	860	350	DISC	DISC	24.1	Rim
SFB14_47	55.69	1.526	0.307	0.0098	0.04118	0.00069	0.02848	271.5	7.6	260.1	4.3	334	79	260.1	4.3	4.2	Core
SFB14_48	54	0.555	0.1806	0.0096	0.02607	0.00073	0.15484	169.2	7.9	165.9	4.6	270	120	165.9	4.6	2.0	Single Age
SFB14_49	368	45.8	0.4002	0.0057	0.05369	0.00081	0.32402	341.7	4.1	337.1	5	373	37	337.1	5.0	1.3	Rim
SFB14_49	354	3.98	0.5691	0.0074	0.07308	0.0006	0.35116	457.3	4.8	454.7	3.6	484	29	454.7	3.6	0.6	Core
SFB14_50	392	2.29	0.341	0.0038	0.04745	0.00041	0.57025	297.8	2.9	298.8	2.5	307	24	298.8	2.5	-0.3	Single Age
SFB14_51	1049	1.843	0.3196	0.0031	0.04436	0.00037	0.63287	281.6	2.4	279.8	2.3	301	17	279.8	2.3	0.6	Single Age
SFB14_52	370.9	3.41	0.8278	0.0076	0.099	0.00094	0.41548	612.2	4.2	608.5	5.5	636	21	608.5	5.5	0.6	Single Age
SFB14_53	2150	1.52	0.277	0.03	0.0343	0.0029	0.92445	248	24	217	18	555	97	DISC	DISC	12.5	Rim
SFB14_53	283	1.673	0.3547	0.0055	0.04898	0.00052	0.27688	308.1	4.1	308.3	3.2	312	39	308.3	3.2	-0.1	Core
SFB14_54	1323	1.52	0.2053	0.0065	0.02551	0.00064	0.22223	187.8	4.4	162.3	4	550	49	DISC	DISC	13.6	Single Age
SFB14_55	199	21.2	0.451	0.014	0.0537	0.001	0.44089	378	10	336.9	6.3	649	58	DISC	DISC	10.9	Single Age
SFB14_56	215.8	0.7823	0.3177	0.0039	0.04403	0.00042	0.16953	280	3	278.1	2.7	287	33	278.1	2.7	0.7	Single Age
SFB14_57	297	11.65	0.5561	0.0051	0.07151	0.00045	0.13018	448.9	3.3	445.2	2.7	482	22	445.2	2.7	0.8	Single Age
SFB14_58	230	4.21	0.5494	0.006	0.07086	0.00083	0.26632	444.4	4	441.3	5	468	31	441.3	5.0	0.7	Single Age
SFB14_59	559	16.5	0.488	0.024	0.0653	0.0029	0.91454	403	16	408	17	390	45	408.0	17.0	-1.2	Rim
SFB14_59	553	1.666	0.7993	0.0098	0.096	0.0013	0.57881	596.3	5.5	591.1	7.4	629	29	591.1	7.4	0.9	Rim
SFB14_59	371	1.181	0.927	0.014	0.11	0.0015	0.56825	666.1	7.4	672.5	8.8	663	26	672.5	8.8	-1.0	Core
SFB14_60	64	0.2663	0.776	0.013	0.03821	0.00066	0.11352	583.8	7.2	241.7	4.1	2314	38	DISC	DISC	58.6	Single Age
SFB14_61	412	8.35	0.556	0.0062	0.07213	0.0005	0.83839	448.8	4	449	3	455	19	449.0	3.0	0.0	Single Age
SFB14_62	360	14.7	0.4051	0.0056	0.05508	0.00072	0.23382	345.2	4	345.6	4.4	339	38	345.6	4.4	-0.1	Rim
SFB14_62	275.2	3.36	0.679	0.017	0.0842	0.0014	0.8511	526	10	521.4	8.2	528	33	521.4	8.2	0.9	Core
SFB14_63	583	1.378	0.3223	0.0037	0.04427	0.00035	0.43822	283.6	2.8	279.2	2.2	339	25	279.2	2.2	1.6	Single Age
SFB14_65	179.4	1.286	0.6394	0.0076	0.08033	0.00068	0.18849	501.7	4.7	498.6	4.1	510	27	498.6	4.1	0.6	Single Age
SFB14_66	203.6	14.6	0.5327	0.0083	0.06901	0.00089	0.26992	433.5	5.5	430.2	5.4	465	40	430.2	5.4	0.8	Single Age
SFB14_67	2250	2.97	0.3453	0.0049	0.04667	0.00079	0.86765	301.1	3.7	294	4.9	367	20	294.0	4.9	2.4	Rim
SFB14_67	321	1.277	0.4508	0.0073	0.06191	0.00073	0.37328	377.7	5.1	387.2	4.4	315	37	387.2	4.4	-2.5	Core
SFB14_68	260	1.028	0.3073	0.0037	0.04237	0.00038	0.18866	272.4	2.9	267.5	2.3	310	30	267.5	2.3	1.8	Single Age
SFB14_69	406	1.236	0.3321	0.0037	0.04592	0.00029	0.40349	291.1	2.8	289.4	1.8	321	25	289.4	1.8	0.6	Single Age
SFB14_70	205	1.473	0.3554	0.0056	0.0495	0.00055	0.36545	308.7	4.2	311.4	3.4	293	38	311.4	3.4	-0.9	Single Age
SFB14_71	470	10.6	0.3341	0.0042	0.04636	0.00039	0.42917	293	3.2	292.1	2.4	294	27	292.1	2.4	0.3	Single Age
SFB14_72	1460	2.141	0.2664	0.0057	0.03638	0.00073	0.75041	239.7	4.6	230.4	4.6	313	31	230.4	4.6	3.9	Rim
SFB14_72	872	1.599	0.3156	0.0083	0.043	0.00045	0.63016	278.4	6.4	271.4	2.8	323	45	271.4	2.8	2.5	Core
SFB14_73	321	2.179	0.3398	0.0054	0.04438	0.00036	0.1303	296.9	4.1	279.9	2.2	443	40	279.9	2.2	5.7	Single Age
SFB14_74	182	6.8	0.553	0.014	0.0712	0.0015	0.69656	446.6	9.3	443.4	9.3	445	54	443.4	9.3	0.7	Rim
SFB14_74	54.5	0.744	0.742	0.018	0.0885	0.0013	0.17676	563	10	546.4	7.6	612	53	546.4	7.6	2.9	Core
SFB14_75	854	4.86	0.2875	0.0029	0.04017	0.00035	0.70925	256.8	2.2	253.9	2.2	295	16	253.9	2.2	1.1	Single Age
SFB14_76	127.7	0.558	0.3709	0.0065	0.04986	0.00038	0.10715	320.1	4.8	313.7	2.4	353	47	313.7	2.4	2.0	Single Age
SFB14_77	257.5	1.275	0.3403	0.0049	0.0472	0.00038	0.35708	297.3	3.7	297.3	2.4	291	31	297.3	2.4	0.0	Single Age
SFB14_78	432.5	3.36	0.3919	0.0033	0.05248	0.00031	0.094305	336.1	2.5	329.7	1.9	381	24	329.7	1.9	1.9	Single Age
SFB14_79	288	1.628	0.3346	0.0049	0.04649	0.00056	0.55971	292.9	3.7	292.9	3.4	295	28	292.9	3.4	0.0	Single Age
SFB14_80	634	1.64	0.31	0.0052	0.04281	0.0007	0.29849	274	4.1	270.2	4.3	291	27	270.2	4.3	1.4	Single Age
SFB14_82	121	1.45	0.87	0.0097	0.1028	0.0011	0.22273	635.3	5.3	631	6.4	649	30	631.0	6.4	0.7	Single Age
SFB14_83	233.5	6.08	0.7067	0.0072	0.08687	0.00058	0.23665	542.6	4.3	537	3.4	569	27	537.0	3.4	1.0	Single Age
SFB14_84	57.5	2.069	0.3082	0.0083	0.0446	0.00064	0.13885	272.4	6.5	281.2	3.9	205	59	281.2	3.9	-3.2	Single Age
SFB14_85	2080	8.2	0.076	0.011	0.0105	0.0017	0.80455	74	11	68	11	300	130	DISC	DISC	8.1	Rim
SFB14_85	919	2.24	0.2911	0.0058	0.03981	0.00076	0.61927	259.4	4.6	251.6	4.7	323	31	251.6	4.7	3.0	Core
SFB14_86	347	7.18	0.6324	0.0066	0.08004	0.00073	0.27092	498.2	4.3	496.4	4.3	523	25	496.4	4.3	0.4	Single Age
SFB14_87	1143	1.367	0.3234	0.0033	0.04434	0.00045	0.25612	284.5	2.5	279.6	2.8	317	23	279.6	2.8	1.7	Single Age
SFB14_88	485	1.168	0.3268	0.0041	0.04501	0.0004	0.21735	287	3.2	283.8	2.4	323	27	283.8	2.4	1.1	Single Age
SFB14_89	805	1.556	0.2846	0.004	0.03866	0.00049	0.6115	254.2	3.2	244.5	3	360	24	244.5	3.0	3.8	Single Age
SFB14_90	262	25.9	0.419	0.0059	0.05593	0.00052	0.057695	355.2	4.2	350.8	3.2	388	33	350.8	3.2	1.2	Single Age
SFB14_91	274	2.471	0.7073	0.0081	0.08798	0.00071	0.39316	543	4.8	543.5	4.2	548	24	543.5	4.2	-0.1	Single Age
SFB14_92	264	6.79	0.6066	0.0079	0.07756	0.0008	0.58468	481.9	4.9	481.5	4.8	477	23	481.5	4.8	0.1	Rim
SFB14_92	74.9	1.346	0.836	0.031	0.1011	0.0017	0.55056	616	17	621	9.7	557	69	621.0	9.7	-0.8	Core
SFB14_93	106.9	0.86	0.355	0.0062	0.04873	0.00064	0.15157	308.3	4.7	306.7	3.9	305	46	306.7	3.9	0.5	Single Age
SFB14_94	213.2	1.87	1.111	0.02	0.1224	0.0013	0.49682	758.6	9.8	744.2	7.4	793	34	744.2	7.4	1.9	Single Age
SFB14_95	1860	1.704	0.2687	0.0043	0.0367	0.00052	0.68054	241.5	3.4	232.4	3.2	340	22	232.4	3.2	3.8	Single Age
SFB14_96	395	4.06	0.3269	0.0041	0.04535	0.00043	0.37156	287.1	3.2	285.9	2.7	296	31	285.9	2.7	0.4	Single Age
SFB14_97	357	5.53	0.6063	0.0093	0.07677	0.00082	0.72801	480.9	5.9	476.8	4.9	493	23	476.8	4.9	0.9	Single Age
SFB14_98	687	2.018	0.7666	0.0095	0.0907	0.0012	0.64408	577.7	5.5	559.5	7.1	636	25	559.5	7.1	3.2	Single Age

SFB14_99	922	1.519	0.3103	0.004	0.04206	0.00044	0.70498	275.2	3.1	265.6	2.7	335	24	265.6	2.7	3.5	Single Age
SFB14_100	1250	7.8	0.3215	0.0043	0.04429	0.00045	0.54032	282.9	3.3	279.3	2.8	321	23	279.3	2.8	1.3	Single Age
SFB14_101	705	1.571	0.3573	0.0032	0.04869	0.00039	0.5557	310.1	2.4	306.5	2.4	339	19	306.5	2.4	1.2	Single Age
SFB14_102	181.2	1.535	0.3324	0.0059	0.04592	0.0006	0.18391	291.2	4.5	289.4	3.7	296	40	289.4	3.7	0.6	Single Age
SFB14_103	484	1.951	0.3351	0.004	0.04635	0.0004	0.36097	293.4	3	292.1	2.4	298	27	292.1	2.4	0.4	Single Age
SFB14_104	231.6	0.688	0.3622	0.0048	0.04986	0.00041	0.046555	313.7	3.6	314.2	2.4	305	30	314.2	2.4	-0.2	Single Age
SFB14_105	832	2.534	0.3416	0.0026	0.0466	0.00027	0.34558	298.3	2	293.6	1.7	322	21	293.6	1.7	1.6	Single Age
SFB14_106	59	0.73	0.775	0.022	0.0946	0.0024	0.49335	582	12	583	14	585	55	583.0	14.0	-0.2	Single Age
SFB14_107	207	3.11	0.3924	0.0066	0.05406	0.00045	0.093656	335.9	4.8	339.4	2.8	317	38	339.4	2.8	-1.0	Single Age
SFB14_108	333.3	1.057	0.3075	0.0046	0.04239	0.00047	0.47023	272.1	3.6	267.6	2.9	302	36	267.6	2.9	1.7	Single Age
SFB14_109	682	0.689	0.2987	0.0067	0.03972	0.00084	0.89345	265.3	5.3	251.1	5.2	404	24	251.1	5.2	5.4	Single Age
SFB14_110	54.8	1.782	0.3067	0.0078	0.04223	0.00062	0.13759	271.3	6	266.6	3.8	314	72	266.6	3.8	1.7	Single Age
SFB14_111	289.2	2.76	8.29	0.2	0.371	0.0074	0.54712	2261	22	2033	35	2470	13	2470.0	13.0	17.7	Single Age
SFB14_112	248	1.56	1.905	0.029	0.1837	0.0024	0.84158	1085	9.9	1087	13	1092	15	1092.0	15.0	0.5	Single Age
SFB14_113	647	2.88	0.3033	0.0034	0.04201	0.00031	0.49268	268.9	2.7	265.3	1.9	295	23	265.3	1.9	1.3	Single Age
SFB14_114	170.4	1.365	1.052	0.015	0.1134	0.0015	0.55515	729.7	7.5	692.2	8.6	840	31	692.2	8.6	5.1	Single Age
SFB14_115	672	1.353	0.5737	0.0083	0.07019	0.00099	0.75524	460.2	5.3	437.3	6	573	18	437.3	6.0	5.0	Single Age
SFB14_116	798	14.1	0.35	0.006	0.04732	0.00082	0.61602	304.7	4.5	298	5.1	344	32	298.0	5.1	2.2	Rim
SFB14_116	180.5	4.03	0.546	0.011	0.0702	0.0011	0.36399	442	7.2	437.3	6.6	414	47	437.3	6.6	1.1	Core
SFB14_117	250	1.71	0.3224	0.0048	0.04428	0.00049	0.46029	284.1	3.6	279.3	3	307	29	279.3	3.0	1.7	Single Age
SFB14_118	218	2.187	0.3372	0.0048	0.04747	0.00041	0.25413	294.9	3.6	298.9	2.5	290	31	298.9	2.5	-1.4	Single Age
SFB14_119	133.2	1.43	0.717	0.011	0.0883	0.0012	0.56873	548.8	6.8	545.5	7.2	579	31	545.5	7.2	0.6	Single Age
SFB14_120	99.3	72	0.316	0.024	0.0396	0.0019	0.6146	278	19	250	12	600	130	DISC	DISC	10.1	Rim
SFB14_120	276	3.31	0.79	0.019	0.0926	0.0016	0.81895	590	11	570.5	9.1	699	27	570.5	9.1	3.3	Core

Sample Name:	09-SFB-49																
Upper Marine Molasse (19 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB49_05	122	2.293	0.708	0.011	0.08653	0.00095	0.006765	543.2	6.3	535	5.6	585	38	535.0	5.6	1.5	Single Age
SFB49_09	446	2.78	0.3496	0.0062	0.04517	0.00054	0.38204	304.9	4.6	284.8	3.3	461	37	284.8	3.3	6.6	Single Age
SFB49_13	61.5	0.998	1.188	0.067	0.04939	0.0009	0.32398	786	30	310.8	5.5	2553	87	DISC	DISC	60.5	Single Age
SFB49_15	28.8	0.934	1.478	0.07	0.0518	0.0011	0.39248	915	27	325.6	6.9	2886	73	DISC	DISC	64.4	Single Age
SFB49_16	1320	7.13	0.2761	0.0095	0.0287	0.0014	0.077364	247.5	7.6	182.4	8.5	980	140	DISC	DISC	26.3	Rim
SFB49_16	403.5	2.013	0.3416	0.0033	0.04607	0.00036	0.10925	298.3	2.5	290.7	2.2	352	25	290.7	2.2	2.5	Core
SFB49_21	212	3.75	0.55	0.0059	0.07133	0.00079	0.43163	444.9	3.9	444.1	4.7	431	29	444.1	4.7	0.2	Single Age
SFB49_23	656	1.41	0.3362	0.0045	0.04571	0.00056	0.52699	294.2	3.4	288.1	3.4	338	26	288.1	3.4	2.1	Single Age
SFB49_24	1162	1.497	0.2978	0.0028	0.04078	0.00037	0.63948	264.6	2.2	257.7	2.3	316	19	257.7	2.3	2.6	Single Age
SFB49_30	1655	23.38	0.402	0.0032	0.05332	0.00043	0.56641	343	2.3	334.9	2.6	397	15	334.9	2.6	2.4	Single Age
SFB49_31	502	2.87	0.3781	0.0055	0.04954	0.00059	0.068103	325.6	4.1	311.7	3.6	428	34	311.7	3.6	4.3	Single Age
SFB49_32	1448	4.16	0.621	0.024	0.0742	0.0023	0.92893	490	15	461	14	631	31	461.0	14.0	5.9	Single Age
SFB49_33	483.9	3.08	0.3352	0.0037	0.04619	0.00032	0.098328	293.5	2.8	291.1	2	299	30	291.1	2.0	0.8	Single Age
SFB49_34	204	0.851	0.3681	0.0043	0.04992	0.00039	0.14694	318.2	3.2	314	2.4	341	27	314.0	2.4	1.3	Single Age
SFB49_35	356	1.962	0.3251	0.0042	0.04439	0.0004	0.14928	285.7	3.2	280	2.5	323	33	280.0	2.5	2.0	Single Age
SFB49_36	473	3.06	0.3714	0.0062	0.05046	0.00043	0.012912	320.5	4.4	317.3	2.7	319	22	317.3	2.7	1.0	Single Age
SFB49_41	156.4	2.489	0.815	0.023	0.054	0.0017	0.46087	604	13	339	10	1788	52	DISC	DISC	43.9	Single Age
SFB49_47	316.2	2.018	0.327	0.0041	0.04544	0.00043	0.18505	287.2	3.2	286.5	2.6	284	31	286.5	2.6	0.2	Single Age
SFB49_50	75.4	1.334	1.206	0.04	0.0487	0.001	0.036226	802	18	306.2	6.4	2647	55	DISC	DISC	61.8	Single Age
SFB49_51	71.3	1.447	1.771	0.026	0.1729	0.0018	0.53142	1034	9.4	1027.8	9.8	1066	24	1066.0	24.0	3.6	Single Age
SFB49_53	220	0.995	0.3321	0.0065	0.04526	0.00046	0.62613	291	4.9	285.3	2.9	338	36	285.3	2.9	2.0	Single Age
SFB49_54	109.1	21.67	1.052	0.028	0.04628	0.00073	0.54135	729	13	291.6	4.5	2510	39	DISC	DISC	60.0	Single Age
SFB49_56	1356	1.041	0.3149	0.0036	0.04306	0.00041	0.7038	277.9	2.8	271.7	2.5	324	19	271.7	2.5	2.2	Single Age
SFB49_59	280	1.865	0.3442	0.0091	0.04711	0.00062	0.005017	300.1	6.8	296.8	3.8	332	67	296.8	3.8	1.1	Single Age
SFB49_64	1873	1.961	0.3	0.01	0.02797	0.00095	0.6508	267.7	8.2	177.8	6	1150	63	DISC	DISC	33.6	Single Age
SFB49_65	853	1.008	0.3284	0.0038	0.04546	0.00043	0.43031	288.2	2.9	286.6	2.7	309	19	286.6	2.7	0.6	Single Age
SFB49_68	233	3.17	0.67	0.016	0.0806	0.0012	0.48671	520	9.7	499.5	7.1	620	40	499.5	7.1	3.9	Single Age
SFB49_72	83.1	4.24	0.987	0.06	0.04487	0.00092	0.65043	690	29	282.9	5.7	2422	83	DISC	DISC	59.0	Single Age
SFB49_73	288	0.765	0.816	0.012	0.0964	0.0012	0.41437	605.5	7	593.2	6.9	663	31	593.2	6.9	2.0	Single Age
SFB49_74	30.27	0.2158	1.46	0.041	0.0545	0.0013	0.52098	914	17	342.1	7.9	2787	44	DISC	DISC	62.6	Single Age
SFB49_75	539	1.493	0.4213	0.0064	0.04652	0.00047	0.24632	356.9	4.6	293.1	2.9	805	36	DISC	DISC	17.9	Single Age
SFB49_77	676	27.2	0.433	0.011	0.055	0.002	0.50141	365	8	345	12	478	73	345.0	12.0	5.5	Rim
SFB49_77	368	0.807	0.846	0.011	0.0972	0.0014	0.40637	622.4	6.1	598	8.1	708	33	598.0	8.1	3.9	Core
SFB49_85	2920	2.28	0.282	0.012	0.026	0.0011	0.64626	252.2	9.8	165.3	7.1	1224	61	DISC	DISC	34.5	Rim
SFB49_85	297	1.55	0.5165	0.0067	0.0646	0.00094	0.26327	422.7	4.5	403.5	5.7	530	37	403.5	5.7	4.5	Core
SFB49_87	30	0.1982	1.35	0.039	0.0471	0.0012	0.17361	865	17	296.5	7.5	2891	54	DISC	DISC	65.7	Single Age
SFB49_88	532	1.227	0.2853	0.0075	0.03951	0.00082	0.64553	254.7	5.9	249.8	5.1	313	47	249.8	5.1	1.9	Single Age
SFB49_89	443	3.91	0.5487	0.0098	0.0705	0.0012	0.5252	444	6.4	439	7.1	456	35	439.0	7.1	1.1	Rim
SFB49_89	375	0.9034	0.996	0.013	0.1116	0.001	0.098082	701.5	6.7	682.2	6.1	748	34	682.2	6.1	2.8	Core
SFB49_92	141.9	2.68	0.577	0.011	0.0725	0.0011	0.23622	461.9	7.2	450.8	6.4	502	42	450.8	6.4	2.4	Single Age
SFB49_93	182.4	1.891	0.9	0.033	0.049	0.0015	0.41168	650	18	308.5	9.1	2134	39	DISC	DISC	52.5	Single Age
SFB49_99	1917	1.487	0.3046	0.0027	0.04186	0.00037	0.61155	270	2.1	264.3	2.3	323	18	264.3	2.3	2.1	Single Age
SFB49_104	300.5	1.684	0.3341	0.0044	0.04619	0.00034	0.21329	292.6	3.4	291.1	2.1	301	31	291.1	2.1	0.5	Single Age
SFB49_105	892	0.648	0.624	0.018	0.074	0.0023	0.939	491	11	460	14	651	22	460.0	14.0	6.3	Single Age
SFB49_106	530	1.273	0.3267	0.0059	0.04262	0.0006	0.1788	287	4.5	269	3.7	426	37	269.0	3.7	6.3	Single Age
SFB49_107	851	1.77	1.312	0.029	0.1302	0.0025	0.90911	850	13	789	15	1010	19	789.0	15.0	7.2	Single Age
SFB49_110	189	1.114	0.594	0.01	0.07587	0.00074	0.13022	473.3	6.5	471.4	4.4	490	34	471.4	4.4	0.4	Single Age
SFB49_119	44.5	0.772	1.523	0.045	0.0467	0.0012	0.27642	937	18	294.1	7.6	3112	51	DISC	DISC	68.6	Single Age
SFB49_120	101.9	0.734	1.314	0.043	0.05584	0.00077	0.55896	851	19	350.2	4.7	2556	45	DISC	DISC	58.8	Single Age
SFB49_2_1	367	4.72	0.5338	0.0095	0.0683	0.0012	0.28768	433.9	6.2	426	7.2	488	29	426.0	7.2	1.8	Single Age
SFB49_2_7	106.9	0.2841	0.407	0.01	0.0526	0.00079	0.13215	345.8	7.3	330.4	4.8	442	52	330.4	4.8	4.5	Single Age
SFB49_2_8	85.1	0.973	1.698	0.023	0.1652	0.0018	0.007856	1007	8.6	985.4	9.8	1049	23	1049.0	23.0	6.1	Single Age
SFB49_2_14	556	1.227	0.3032	0.0059	0.0406	0.00088	0.58361	269.1	4.7	256.5	5.4	315	43	256.5	5.4	4.7	Single Age
SFB49_2_16	88.3	0.731	0.3659	0.0072	0.05057	0.00068	0.098271	316.2	5.4	318	4.2	306	45	318.0	4.2	0.6	Single Age
SFB49_2_23	11.39	0.99	no value	NAN	no value	NAN	#VALUE!	no value	NAN	no value	NAN	4426	46	#VALUE!	#VALUE!	#VALUE!	Single Age
SFB49_2_41	325	1.571	0.3436	0.0047	0.0476	0.00047	0.43578	299.8	3.5	299.8	2.9	302	29	299.8	2.9	0.0	Single Age
SFB49_2_43	975	10.2	0.593	0.012	0.0757	0.0015	0.65382	472.7	7.7	470.6	8.8	500	32	470.6	8.8	0.4	Rim
SFB49_2_43	136.3	0.582	0.931	0.014	0.1091	0.0012	0.52989	668	7.2	667.8	7.2	672	31	667.8	7.2	0.0	Core
SFB49_2_45	287	1.321	0.3881	0.0043	0.05292	0.00037	0.25771	332.9	3.1	332.4	2.3	334	24	332.4	2.3	0.2	Single Age

Sample Name:	09-SFB-29																
Upper Marine Molasse (19 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
09SFB29-1a	489	1.933	0.2939	0.013	0.0411	0.0012	0.54148	261.2	10.0	259.7	7.2	289	39	259.7	7.2	0.6	Single Age
09SFB29-1b	377	3.752	0.3106	0.012	0.0438	0.0011	0.69931	274.3	9.2	276.0	7.1	271	24	276.0	7.1	-0.6	Single Age
09SFB29-2	2479	10.77	0.2918	0.012	0.0392	0.0012	0.84491	260.7	9.5	247.8	7.6	359	20	247.8	7.6	4.9	Single Age
09SFB29-4	516	8.49	0.585	0.017	0.0718	0.0023	0.76931	467.2	11.0	447.0	14.0	570	36	447.0	14.0	4.3	Single Age
09SFB29-5	235.9	5.11	0.338	0.014	0.0452	0.0015	0.54185	295.0	10.0	284.8	9.1	407	38	284.8	9.1	3.5	Single Age
09SFB29-6	375	2.97	0.801	0.022	0.0952	0.0027	0.78579	596.0	13.0	586.0	16.0	622	25	586.0	16.0	1.7	Single Age
09SFB29-7	556	3.038	0.752	0.026	0.0887	0.0026	0.88191	567.0	15.0	548.0	15.0	633	17	548.0	15.0	3.4	Single Age
09SFB29-9	379	3.112	0.3492	0.012	0.0472	0.0011	0.72356	304.5	9.1	297.0	6.5	339	24	297.0	6.5	2.5	Single Age
09SFB29-10	539	1.981	0.863	0.019	0.1012	0.0022	0.74468	631.3	10.0	621.0	13.0	659	16	621.0	13.0	1.6	Single Age
09SFB29-11	257	1.548	0.3203	0.012	0.0443	0.0012	0.63503	281.8	9.2	279.1	7.6	300	27	279.1	7.6	1.0	Single Age
09SFB29-12	314	3.51	0.3285	0.012	0.0456	0.0013	0.69081	289.0	9.2	287.2	8.3	278	27	287.2	8.3	0.6	Single Age
09SFB29-13	2870	10.65	0.2956	0.013	0.0394	0.0012	0.81826	262.5	10.0	249.0	7.7	329	25	249.0	7.7	5.1	Single Age
09SFB29-14	355.6	210.8	0.3966	0.013	0.0537	0.0014	0.72357	339.7	9.4	336.9	8.3	349	27	336.9	8.3	0.8	Single Age
09SFB29-15	416.1	2.751	0.338	0.012	0.0467	0.0013	0.67703	295.3	9.1	294.3	7.9	297	22	294.3	7.9	0.3	Single Age
09SFB29-16	1133	86.2	1.542	0.063	0.1288	0.0042	0.87825	942.0	25.0	780.0	24.0	1329	31	DISC	DISC	17.2	Single Age
09SFB29-17	654	2.95	0.749	0.024	0.0897	0.0028	0.88022	566.0	14.0	554.0	17.0	632	19	554.0	17.0	2.1	Single Age

09SFB29-18	280	3.7	0.3368	0.012	0.0463	0.0011	0.60045	294.4	9.2	291.5	6.5	303	22	291.5	6.5	1.0	Single Age
09SFB29-19	950	4.84	0.3213	0.012	0.0445	0.0012	0.81137	283.4	9.0	280.6	7.2	291	19	280.6	7.2	1.0	Single Age
09SFB29-20	277	2.098	0.488	0.015	0.0644	0.0017	0.78301	403.1	10.0	403.0	10.0	414	24	403.0	10.0	0.0	Single Age
09SFB29-21	170	16.8	0.79	0.025	0.0937	0.0027	0.75457	590.0	14.0	577.0	16.0	626	27	577.0	16.0	2.2	Single Age
09SFB29-22	353	3.57	0.3667	0.013	0.0496	0.0015	0.61678	316.8	9.5	312.3	9.0	363	31	312.3	9.0	1.4	Single Age
09SFB29-23	303	1.174	0.873	0.02	0.1054	0.0029	0.74123	636.4	11.0	645.0	17.0	634	21	645.0	17.0	-1.4	Single Age
09SFB29-24	1.342	0.825	31.5	2.3	0.311	0.024	0.74451	3523.0	69.0	1720.0	120.0	4792	41	DISC	DISC	64.1	Single Age
09SFB29-25	503	6.39	0.3026	0.011	0.0427	0.0014	0.72879	268.2	8.9	269.8	8.8	279	25	269.8	8.8	-0.6	Single Age
09SFB29-26	626	2.898	0.334	0.013	0.0463	0.0016	0.68978	293.1	9.8	291.9	10.0	321	30	291.9	10.0	0.4	Single Age
09SFB29-27	236	1.8	0.594	0.02	0.076	0.0021	0.68771	472.0	13.0	472.0	13.0	468	31	472.0	13.0	0.0	Single Age
09SFB29-28	288	3.64	0.3561	0.012	0.0497	0.0015	0.56338	308.9	9.3	312.8	9.5	336	28	312.8	9.5	-1.3	Single Age
09SFB29-29	239	1.244	0.325	0.014	0.0456	0.0015	0.60862	285.2	11.0	287.2	9.4	279	33	287.2	9.4	-0.7	Single Age
09SFB29-30	357	3.04	0.55	0.13	0.0516	0.002	0.89087	390.0	57.0	324.0	12.0	560	200	DISC	DISC	16.9	Single Age
09SFB29-31	489	22.4	0.455	0.026	0.0594	0.0026	0.82552	378.0	17.0	372.0	16.0	399	32	372.0	16.0	1.6	Single Age
09SFB29-32	898	16.52	1.364	0.034	0.1407	0.004	0.91548	872.0	14.0	848.0	23.0	917	11	848.0	23.0	2.8	Single Age
09SFB29-33	316	3.766	0.619	0.018	0.0782	0.0021	0.80228	488.3	11.0	485.0	12.0	488	14	485.0	12.0	0.7	Single Age
09SFB29-34	105.1	1.29	0.3199	0.013	0.0453	0.0014	0.50352	281.4	10.0	285.7	8.7	275	34	285.7	8.7	-1.5	Single Age
09SFB29-35	391	82.5	0.409	0.014	0.0558	0.0015	0.71328	348.0	9.9	349.8	9.4	318	24	349.8	9.4	-0.5	Single Age
09SFB29-36	874	7.49	0.3379	0.012	0.0475	0.0013	0.72472	296.1	9.3	299.0	8.2	285	22	299.0	8.2	-1.0	Single Age
09SFB29-37	825	2.04	0.552	0.023	0.041	0.0014	0.67822	446.0	15.0	258.8	8.7	1551	47	DISC	DISC	42.0	Single Age
09SFB29-38	339	1.9	1.084	0.036	0.1195	0.0038	0.88415	747.0	17.0	727.0	22.0	777	20	727.0	22.0	2.7	Single Age
09SFB29-39	327	2.357	0.3563	0.012	0.0491	0.0015	0.59533	309.2	9.2	308.6	8.9	333	26	308.6	8.9	0.2	Single Age
09SFB29-40	944	2.2	0.2998	0.011	0.042	0.0014	0.70672	266.0	8.7	265.4	8.7	262	19	265.4	8.7	0.2	Single Age
09SFB29-41	515	2.086	0.3741	0.013	0.0513	0.0016	0.7059	322.3	9.5	322.5	9.6	335	23	322.5	9.6	-0.1	Single Age
09SFB29-42	324	10.75	0.604	0.016	0.0774	0.0021	0.68709	479.1	10.0	480.0	13.0	482	25	480.0	13.0	-0.2	Single Age
09SFB29-43	308	1.849	0.3243	0.012	0.0454	0.0015	0.58563	284.9	9.0	286.0	9.0	297	25	286.0	9.0	-0.4	Single Age
09SFB29-44	166.7	1.204	5.41	0.14	0.3188	0.0094	0.88639	1886.0	23.0	1781.0	46.0	1999	17	1999.0	17.0	10.9	Single Age
09SFB29-45	1157	2.92	0.3261	0.012	0.0446	0.0014	0.82112	286.4	8.9	281.0	8.7	327	20	281.0	8.7	1.9	Single Age
09SFB29-46	522	2.159	0.3411	0.012	0.0471	0.0015	0.78585	297.6	9.4	296.4	9.1	318	21	296.4	9.1	0.4	Single Age
09SFB29-47	714	3.05	0.3276	0.012	0.0453	0.0014	0.68427	287.4	9.2	285.4	8.4	291	20	285.4	8.4	0.7	Single Age
09SFB29-48	204	2.161	0.3149	0.013	0.0449	0.0014	0.60438	277.6	9.7	282.9	8.4	281	30	282.9	8.4	-1.9	Single Age
09SFB29-49	248	5.98	0.572	0.017	0.0746	0.0022	0.65461	458.5	11.0	464.0	13.0	502	26	464.0	13.0	-1.2	Single Age
09SFB29-50	213.4	5.3	0.571	0.017	0.0726	0.0022	0.64706	458.0	11.0	451.0	13.0	489	25	451.0	13.0	1.5	Single Age
09SFB29-51	599	2.401	0.405	0.015	0.0549	0.0017	0.70927	345.0	11.0	344.3	11.0	352	27	344.3	11.0	0.2	Single Age
09SFB29-52	1093	3.58	0.3402	0.012	0.0462	0.0016	0.79608	297.1	8.9	291.3	9.6	333	21	291.3	9.6	2.0	Single Age
09SFB29-53	633	6.3	0.449	0.015	0.0574	0.002	0.80473	376.0	11.0	359.0	12.0	505	26	359.0	12.0	4.5	Single Age
09SFB29-54	131.6	2.06	0.369	0.016	0.052	0.0015	0.62016	318.1	12.0	326.5	9.3	264	38	326.5	9.3	-2.6	Single Age
09SFB29-55	314	2.03	0.3441	0.013	0.0475	0.0015	0.76708	300.7	9.8	299.1	9.1	290	20	299.1	9.1	0.5	Single Age
09SFB29-56	294	4.72	0.707	0.041	0.0836	0.0056	0.96177	541.0	24.0	516.0	34.0	652	26	516.0	34.0	4.6	Single Age
09SFB29-57	130	1.51	0.738	0.021	0.0906	0.0024	0.58542	561.0	12.0	559.0	14.0	606	25	559.0	14.0	0.4	Single Age
09SFB29-58	325	2.961	0.3283	0.012	0.0464	0.0014	0.63007	288.0	9.0	292.0	8.5	272	26	292.0	8.5	-1.4	Single Age
09SFB29-59	220	10.49	1.818	0.077	0.1444	0.0052	0.88258	1048.0	28.0	872.0	29.0	1445	27	DISC	DISC	39.7	Single Age
09SFB29-60	166.4	1.262	0.334	0.014	0.0456	0.0015	0.46297	293.1	11.0	287.6	9.2	346	33	287.6	9.2	1.9	Single Age
09SFB29-61	912	3.17	0.3361	0.012	0.0466	0.0014	0.72525	293.9	8.8	293.3	8.4	294	21	293.3	8.4	0.2	Single Age
09SFB29-62	133.9	1.413	0.857	0.025	0.1024	0.0027	0.64216	627.0	14.0	628.0	16.0	616	27	628.0	16.0	-0.2	Single Age
09SFB29-63	272	2.05	0.744	0.022	0.0911	0.0026	0.70414	565.0	13.0	562.0	15.0	598	20	562.0	15.0	0.5	Single Age
09SFB29-64	252	1.797	0.3307	0.013	0.0451	0.0013	0.50257	289.6	10.0	284.3	7.8	365	27	284.3	7.8	1.8	Single Age
09SFB29-65	223.5	3.078	0.3524	0.013	0.0488	0.0016	0.563	306.1	9.8	306.8	9.9	321	29	306.8	9.9	-0.2	Single Age
09SFB29-66	565	8.24	0.3358	0.012	0.0466	0.0015	0.70357	293.6	9.3	293.3	9.5	312	25	293.3	9.5	0.1	Single Age
09SFB29-67	354	2.652	0.352	0.014	0.0482	0.0015	0.61601	306.7	11.0	303.4	9.3	314	36	303.4	9.3	1.1	Single Age
09SFB29-68	18.98	1.721	0.18	0.019	0.0255	0.0014	0.22506	166.0	17.0	162.1	9.1	639	98	162.1	9.1	2.3	Single Age
09SFB29-69	1170	4.37	0.274	0.022	0.02078	0.0013	0.75283	243.0	17.0	132.6	7.9	1486	69	DISC	DISC	45.4	Single Age
09SFB29-70	812	2.921	0.3573	0.013	0.0495	0.0015	0.74386	309.8	9.6	311.5	9.3	303	22	311.5	9.3	-0.5	Single Age
09SFB29-71	97.8	11.33	6.22	0.16	0.3596	0.0093	0.87945	2003.0	23.0	1978.0	44.0	2033	16	2033.0	16.0	2.7	Single Age
09SFB29-72	272	14.9	0.661	0.03	0.0829	0.0032	0.87815	513.0	18.0	513.0	19.0	518	31	513.0	19.0	0.0	Single Age
09SFB29-73	263	2.38	0.287	0.014	0.0403	0.0015	0.46031	255.3	11.0	254.7	9.2	271	37	254.7	9.2	0.2	Single Age
09SFB29-74	179	1.61	0.353	0.015	0.0491	0.0015	0.4839	308.6	11.0	309.0	9.3	328	39	309.0	9.3	-0.1	Single Age
09SFB29-75	78.1	2.87	0.326	0.016	0.045	0.0015	0.32162	285.9	12.0	283.8	9.4	375	46	283.8	9.4	0.7	Single Age
09SFB29-76	352	8.05	0.578	0.016	0.073	0.0021	0.6598	464.9	10.0	454.0	12.0	512	21	454.0	12.0	2.3	Single Age
09SFB29-77	84.8	2.22	3.42	0.18	0.23	0.01	0.92928	1495.0	41.0	1328.0	54.0	1758	25	DISC	DISC	24.5	Single Age
09SFB29-78	166.9	2.015	0.289	0.014	0.0411	0.0014	0.50691	258.5	11.0	259.8	8.6	307	39	259.8	8.6	-0.5	Single Age
09SFB29-79	351	1.86	0.3362	0.013	0.0469	0.0015	0.71352	293.9	9.6	295.3	9.1	288	23	295.3	9.1	-0.5	Single Age
09SFB29-80	19.6	0.844	3.05	0.15	0.0707	0.0026	0.38774	1418.0	39.0	440.0	16.0	3554	50	DISC	DISC	69.0	Single Age
09SFB29-81	45	5.04	1.243	0.042	0.132	0.0036	0.53579	817.0	19.0	799.0	20.0	854	36	799.0	20.0	2.2	Single Age
09SFB29-82	19.52	1.171	1.901	0.078	0.176	0.0048	0.59201	1082.0	27.0	1044.0	26.0	1115	33	1115.0	33.0	6.4	Single Age
09SFB29-83	690	1.587	0.778	0.023	0.0939	0.0026	0.75785	583.0	13.0	578.0	15.0	601	18	578.0	15.0	0.9	Single Age
09SFB29-84	214	2.65	0.356	0.015	0.0471	0.0015	0.52995	308.4	11.0	296.5	9.0	307	35	296.5	9.0	3.9	Single Age
09SFB29-85	428	2.038	0.433	0.015	0.0551	0.0017	0.74119	365.5	10.0	345.5	10.0	501	27	345.5	10.0	5.5	Single Age
09SFB29-86	557	1.725	0.3415	0.013	0.0469	0.0015	0.74852	298.7	9.5	295.6	8.9	306	23	295.6	8.9	1.0	Single Age
09SFB29-87	84.3	1.443	0.416	0.019	0.0519	0.0019	0.52535	352.0	14.0	326.0	12.0	532	51	326.0	12.0	7.4	Single Age
09SFB29-88	213	3.12	0.386	0.017	0.0525	0.0016	0.4338	330.0	13.0	329.8	9.7	322	37	329.8	9.7	0.1	Single Age
09SFB29-89	363	3.06	0.415	0.022	0.0517	0.0015	0.39775	353.0	15.0	325.0	9.1	524	73	325.0	9.1	7.9	Single Age

Sample Name:	09-SFB-05																
Upper Marine Molasse (20 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB05_01	492	1.81	0.3429	0.0052	0.04599	0.0006	0.75221	299.2	3.9	289.8	3.7	374	25	289.8	3.7	3.1	Single Age
SFB05_02	629	1.363	0.3175	0.0068	0.0425	0.00093	0.6423	279.8	5.2	268.3	5.8	366	43	268.3	5.8	4.1	Single Age
SFB05_03	122	1.87	0.733	0.014	0.0526	0.001	0.49658	559	8.1	330.3	6.4	1611	38	DISC	DISC	40.9	Single Age
SFB05_04	947	5.04	0.3087	0.0045	0.04211	0.00062	0.80803	273.1	3.5	265.9	3.8	338	20	265.9	3.8	2.6	Single Age
SFB05_05	145	2.161	0.3693	0.0071	0.04965	0.00084	0.38277	318.9	5.3	312.4	5.1	333	49	312.4	5.1	2.0	Single Age
SFB05_06	1150	1.719	0.2916	0.0028	0.03998	0.00038	0.42478	259.8	2.2	252.7	2.3	318	23	252.7	2.3	2.7	Single Age
SFB05_07	143.7	0.39	0.911	0.015	0.1084	0.0018	0.77127	656.9	8.2	663	10	616	23	663.0	10.0	-0.9	Single Age
SFB05_09	211	1.524	2.102	0.022	0.1945	0.0022	0.74453	1150	7	1146	12	1155	15	1155.0	15.0	0.8	Single Age
SFB05_10	2462	2.15	0.2028	0.0047	0.02478	0.00057	0.36703	187.3	4	157.8	3.6	581	32	DISC	DISC	15.8	Single Age
SFB05_11	421	2.458	0.3164	0.0048	0.04377	0.00059	0.54908	279.5	3.6	276.1	3.7	318	30	276.1	3.7	1.2	Single Age
SFB05_12	86.7	1.439	0.317	0.0053	0.044	0.00046	0.33816	279.5	4.1	277.6	2.9	280	41	277.6	2.9	0.7	Single Age
SFB05_13	1002	1.974	0.3157	0.0036	0.0431	0.00053	0.69934	278.5	2.8	272	3.3	326	23	272.0	3.3	2.3	Single Age
SFB05_14	678	1.499	0.3254	0.0038	0.04535	0.00046	0.61298	286	2.9	285.9	2.9	271	24	285.9	2.9	0.0	Single Age
SFB05_15	255	1.412	0.3278	0.0063	0.0459	0.00081	0.59756	288.3	4.7	289.2	5	275	37	289.2	5.0	-0.3	Single Age
SFB05_16	1191	1.593	0.3075	0.0033	0.03996	0.00046	0.62731	272.2	2.6	252.6	2.9	435	20	252.6	2.9	7.2	Single Age
SFB05_17	661	2.15	0.3412	0.0029	0.04648	0.00052	0.52787	298.1	2.2	293.4	3.1	325	20	293.4	3.1	1.6	Single Age
SFB05_19	172	1.28	0.77	0.011	0.0916	0.0013	0.68195	579.5	6.1	564.7	7.5	625	27	564.7	7.5	2.6	Single Age
SFB05_21	278.3	1.115	0.3279	0.0053	0.04491	0.00078	0.49672	287.8	4.1	283.2	4.8	317	31	283.2	4.8	1.6	Single Age
SFB05_22	526	2.321	0.3426	0.0029	0.04737	0.00037	0.4263	299.1	2.2	298.3	2.3	299	21	298.3	2.3	0.3	Single Age
SFB05_23	4660	3.041	0.28	0.0032	0.03804	0.00059	0.57855	250.6	2.5	240.7	3.7	334	30	240.7	3.7	4.0	Single Age
SFB05_24	63.7	1.514	0.3175	0.0066	0.04348	0.00078	0.16568	279.7	5.1	274.4	4.8	322	55	274.4	4.8	1.9	Single Age
SFB05_25	670	2.84	0.3243	0.0075	0.0446	0.0014	0.6606	285	5.7	281.2	8.9	313	60	281.2	8.9	1.3	Single Age
SFB05_26	90.9	2.21	0.613	0.041	0.0768	0.0055	0.71043	484	26	477	33	513	97	477.0	33.0	1.4	Rim
SFB05_26	59.3	0.66	0.869	0.025	0.1027	0.0021	0.51838	636	13	630	12	631	56	630.0	12.0	0.9	Core
SFB05_27	893	1.504	0.3172	0.0025	0.04416	0.00044	0.083244	279.7	1.9	278.6	2.7	298	22	278.6	2.7	0.4	Single Age
SFB05_28	100	2.26	0.2921	0.0082	0.04031	0.00091	0.68697	259.8	6.4	254.7	5.6	288	54	254.7	5.6	2.0	Single Age
SFB05_29	609	1.59	0.3295	0.0028	0.04566	0.00034	0.54321	289.2	2.1	287.8	2.1	295	18	287.8	2.1	0.5	Single Age
SFB05_30	1248	1.088	0.739	0.011	0.0881	0.002	0.41744	561.7	6.3	544	12	651	49	544.0	12.0	3.2	Single Age
SFB05_31	187	2.62	0.3399	0.0058	0.04713	0.00073	0.19194	296.9	4.4	296.9	4.5	265	41	296.9	4.5	0.0	Single Age
SFB05_32	244	1.683	0.331	0.0047	0.04582	0.0005	0.48139	290.2	3.6	288.8	3.1	305	28	288.8	3.1	0.5	Single Age
SFB05_33	442	1.085	0.326	0.0033	0.04547	0.00036	0.28646	286.4	2.5	286.7	2.2	303	24	286.7	2.2	-0.1	Single Age
SFB05_34	88.3	1.849	0.873	0.024	0.04814	0.00089	0.10509	636	13	303.1	5.5	2113	55	DISC	DISC	52.3	Single Age

SFB05_35	243	24.1	5.63	0.13	0.3441	0.0058	0.83054	1920	20	1906	28	1961	24	1961.0	24.0	2.8	Single Age
SFB05_36	517.5	1.87	0.8415	0.0099	0.0993	0.0012	0.75741	619.7	5.5	610.1	7	653	18	610.1	7.0	1.5	Single Age
SFB05_37	883	1.427	0.3131	0.0027	0.04351	0.00038	0.58023	276.9	2.1	274.5	2.3	309	18	274.5	2.3	0.9	Single Age
SFB05_40	970	1.871	0.3076	0.0031	0.04289	0.0004	0.67776	272.3	2.4	270.7	2.5	283	17	270.7	2.5	0.6	Single Age
SFB05_41	6620	2.6	0.1974	0.006	0.01459	0.00079	0.3295	182.9	5	93.4	5	1602	99	DISC	DISC	48.9	Rim
SFB05_41	804	1.661	0.3335	0.006	0.04644	0.00079	0.59688	292.2	4.5	292.6	4.9	303	37	292.6	4.9	-0.1	Core
SFB05_42	1498	3.499	0.2519	0.0059	0.03323	0.00094	0.75607	228	4.8	210.7	5.9	420	38	210.7	5.9	7.6	Single Age
SFB05_43	537	1.85	0.3361	0.0047	0.04682	0.00067	0.64156	294.5	3.5	294.9	4.1	292	27	294.9	4.1	-0.1	Single Age
SFB05_44	462.4	0.669	0.3132	0.0032	0.04376	0.00034	0.52147	276.9	2.6	276.1	2.1	282	22	276.1	2.1	0.3	Single Age
SFB05_46	158.7	1.267	0.849	0.016	0.09889	0.00088	0.47794	623.6	8.8	607.9	5.2	687	33	607.9	5.2	2.5	Single Age
SFB05_47	318	1.8	0.346	0.0058	0.04767	0.00072	0.42739	301.5	4.4	300.2	4.4	311	33	300.2	4.4	0.4	Single Age
SFB05_49	1077	1.341	0.3224	0.0035	0.04484	0.00056	0.67075	283.7	2.7	282.7	3.5	316	21	282.7	3.5	0.4	Single Age
SFB05_50	103.1	1.509	0.3136	0.0053	0.04429	0.00051	0.041537	276.8	4.1	279.4	3.1	258	45	279.4	3.1	-0.9	Single Age
SFB05_51	807	1.523	0.3251	0.0034	0.04504	0.00038	0.46655	285.8	2.6	284	2.3	321	23	284.0	2.3	0.6	Single Age
SFB05_52	1364	1.689	0.3127	0.002	0.04226	0.00028	0.36378	276.3	1.5	266.8	1.7	375	17	266.8	1.7	3.4	Single Age
SFB05_53	828	1.84	0.3363	0.0072	0.0462	0.0011	0.53926	294.3	5.5	291.4	6.9	360	54	291.4	6.9	1.0	Single Age
SFB05_54	612	2.68	0.2865	0.0041	0.03943	0.00043	0.55873	255.7	3.2	249.3	2.7	327	31	249.3	2.7	2.5	Single Age
SFB05_56	512.4	2.379	0.3303	0.0077	0.04505	0.00054	0.4831	289.7	5.9	284.1	3.4	348	41	284.1	3.4	1.9	Single Age
SFB05_57	263.6	9.59	0.508	0.013	0.063	0.0011	0.17049	416.8	9	394	6.7	564	54	394.0	6.7	5.5	Single Age
SFB05_59	205.1	5.64	0.571	0.013	0.07332	0.00092	0.31664	458.4	8.6	456.1	5.6	472	53	456.1	5.6	0.5	Single Age
SFB05_60	536	2.56	0.5114	0.0097	0.0644	0.0012	0.69371	419.2	6.5	402.5	7.3	496	29	402.5	7.3	4.0	Single Age
SFB05_62	7970	6.01	0.1573	0.0098	0.017	0.0016	0.72332	148.3	8.7	108.7	9.9	860	130	DISC	DISC	26.7	Rim
SFB05_62	799	2.087	0.3325	0.0063	0.04455	0.00082	0.61089	291.4	4.8	281	5.1	371	31	281.0	5.1	3.6	Core
SFB05_63	910	2.07	0.3094	0.0045	0.04275	0.00062	0.7749	273.6	3.5	269.9	3.8	303	22	269.9	3.8	1.4	Single Age
SFB05_64	429	3.28	0.5315	0.0088	0.06868	0.00083	0.47104	432.7	5.9	428.2	5	467	34	428.2	5.0	1.0	Single Age
SFB05_65	254	0.728	0.3192	0.0068	0.04435	0.00073	0.67388	281	5.3	279.7	4.5	288	36	279.7	4.5	0.5	Single Age
SFB05_66	551	1.818	0.3434	0.0041	0.04436	0.00049	0.30849	299.7	3.1	279.8	3	459	29	279.8	3.0	6.6	Single Age
SFB05_67	126	1.36	0.3167	0.005	0.04393	0.0005	0.029947	279.2	3.8	277.1	3.1	295	47	277.1	3.1	0.8	Single Age
SFB05_68	93.3	0.974	0.3084	0.009	0.04211	0.00073	0.01	272.6	7	265.9	4.5	321	71	265.9	4.5	2.5	Single Age
SFB05_69	277	1.253	0.3447	0.0042	0.04773	0.0004	0.26879	300.6	3.2	300.6	2.5	301	27	300.6	2.5	0.0	Single Age
SFB05_70	850	1.686	0.425	0.028	0.04329	0.0006	0.5	357	20	273.2	3.7	900	150	DISC	DISC	23.5	Single Age
SFB05_71	101.8	1.398	0.3207	0.0075	0.04504	0.00061	0.2894	282.2	5.7	284	3.8	271	58	284.0	3.8	-0.6	Single Age
SFB05_72	203	3.274	0.3394	0.0051	0.04674	0.00046	0.32831	296.6	3.9	294.5	2.8	299	37	294.5	2.8	0.7	Single Age
SFB05_73	340	14.8	0.353	0.033	0.0485	0.005	0.97156	306	24	305	31	327	53	DISC	DISC	0.3	Rim
SFB05_73	130.1	0.9183	0.925	0.016	0.1064	0.0011	0.43646	665	8.3	651.7	6.6	702	33	651.7	6.6	2.0	Core
SFB05_74	253	1.171	1.226	0.021	0.1334	0.0028	0.79886	812	9.5	807	16	811	31	807.0	16.0	0.6	Single Age
SFB05_75	1110	47.8	0.4	0.02	0.0551	0.0026	0.90253	341	15	346	16	318	53	346.0	16.0	-1.5	Rim
SFB05_75	332	9.98	0.5937	0.0066	0.07674	0.00076	0.61703	473.1	4.2	476.6	4.6	470	21	476.6	4.6	-0.7	Core
SFB05_76	415	2.979	0.169	0.01	0.0242	0.00068	0.25676	158.4	9	154.1	4.3	220	140	154.1	4.3	2.7	Rim
SFB05_76	462	0.976	0.3239	0.0033	0.04452	0.00052	0.54743	284.9	2.5	280.8	3.2	303	26	280.8	3.2	1.4	Core
SFB05_77	213.1	1.63	0.3503	0.0066	0.04783	0.00074	0.41971	304.8	5	301.2	4.6	329	40	301.2	4.6	1.2	Single Age
SFB05_78	499	13.26	0.943	0.015	0.1078	0.0016	0.81955	674.2	8.1	659.8	9.1	709	19	659.8	9.1	2.1	Single Age
SFB05_79	819	1.635	0.3	0.0051	0.03989	0.00069	0.46251	266.3	4	252.1	4.3	369	43	252.1	4.3	5.3	Rim
SFB05_79	544	1.274	0.327	0.0046	0.045	0.0005	0.26302	287.2	3.5	283.8	3.1	299	35	283.8	3.1	1.2	Core
SFB05_80	287	1.757	0.3399	0.0044	0.04665	0.00053	0.29189	297	3.3	293.9	3.3	321	34	293.9	3.3	1.0	Single Age
SFB05_81	395	1.78	0.3923	0.0071	0.05384	0.0007	0.33398	336	5.2	338.1	4.3	322	35	338.1	4.3	-0.6	Single Age
SFB05_82	907	1.951	0.349	0.012	0.04302	0.00071	0.59857	303.9	9.2	271.5	4.4	559	58	DISC	DISC	10.7	Single Age
SFB05_83	849	2.17	0.2956	0.0036	0.04047	0.00053	0.7726	262.9	2.8	255.7	3.3	301	20	255.7	3.3	2.7	Single Age
SFB05_85	224	2.88	2.269	0.071	0.1905	0.0041	0.65213	1201	22	1124	22	1327	49	1327.0	49.0	15.3	Single Age
SFB05_86	105	2.264	0.3146	0.0062	0.04333	0.0004	0.078754	277.6	4.8	273.4	2.5	347	47	273.4	2.5	1.5	Single Age
SFB05_87	117.7	1.65	0.839	0.021	0.099	0.0014	0.48867	618	11	608.7	8.1	643	52	608.7	8.1	1.5	Single Age
SFB05_88	211.3	1.375	0.3243	0.0056	0.04493	0.00044	0.23941	285.1	4.3	283.3	2.7	291	41	283.3	2.7	0.6	Single Age
SFB05_89	660	2.046	0.3434	0.0048	0.0466	0.00061	0.54965	299.7	3.6	293.6	3.8	334	28	293.6	3.8	2.0	Single Age
SFB05_90	79.6	1.56	0.3158	0.0077	0.04413	0.00055	0.16526	278.3	5.9	278.3	3.4	260	52	278.3	3.4	0.0	Single Age
SFB05_92	157.4	1.654	0.3944	0.007	0.05235	0.00062	0.14896	337.4	5.1	328.9	3.8	398	45	328.9	3.8	2.5	Single Age
SFB05_93	2350	4.02	0.2582	0.0048	0.03419	0.00056	0.88334	233.8	4	216.7	3.5	400	20	216.7	3.5	7.3	Single Age
SFB05_94	113.5	2.588	0.313	0.0056	0.04359	0.00057	0.14101	276.4	4.4	275	3.5	288	47	275.0	3.5	0.5	Single Age
SFB05_95	1478	1.096	0.3329	0.007	0.0387	0.00061	0.038807	292.4	5.5	244.7	3.8	711	56	DISC	DISC	16.3	Single Age
SFB05_96	867	2.065	0.3074	0.0043	0.04243	0.00054	0.84889	272.6	3.5	267.9	3.3	304	18	267.9	3.3	1.7	Single Age
SFB05_97	181.9	0.728	0.635	0.01	0.075	0.001	0.1179	498.7	6.4	466.2	6	611	45	466.2	6.0	6.5	Single Age
SFB05_98	51.9	0.9	1.186	0.02	0.127	0.0016	0.19398	793.7	9.4	770.7	9.1	846	37	770.7	9.1	2.9	Single Age
SFB05_99	104.8	1.682	0.3165	0.0073	0.04386	0.00063	0.25169	279.6	5.5	276.7	3.9	269	55	276.7	3.9	1.0	Single Age
SFB05_100	710	3.002	0.3414	0.0029	0.04663	0.0004	0.60003	298.2	2.2	293.8	2.5	328	18	293.8	2.5	1.5	Single Age
SFB05_101	561.9	1.023	0.6722	0.0093	0.0777	0.0013	0.71396	522	5.6	482.7	7.8	688	32	482.7	7.8	7.5	Single Age
SFB05_102	437	1.231	0.3458	0.0056	0.04615	0.00044	0.45023	301.4	4.2	290.8	2.7	398	39	290.8	2.7	3.5	Single Age
SFB05_103	267	2.2	0.3479	0.0062	0.04742	0.00064	0.32002	303	4.7	298.6	3.9	311	40	298.6	3.9	1.5	Single Age
SFB05_104	267.4	0.9586	0.3349	0.0046	0.04588	0.00049	0.32902	293.7	3.6	289.2	3	331	36	289.2	3.0	1.5	Single Age
SFB05_105	37	1.106	0.68	0.018	0.0836	0.001	0.20594	526	11	517.4	6	544	63	517.4	6.0	1.6	Single Age
SFB05_106	670	25.7	0.2628	0.0071	0.0354	0.0012	0.80618	236.8	5.7	224.2	7.6	343	48	224.2	7.6	5.3	Rim
SFB05_106	338	1.91	0.73	0.01	0.0869	0.0012	0.83048	556.2	5.9	537.2	7.3	619	19	537.2	7.3	3.4	Core
SFB05_107	662	3.116	0.3233	0.0039	0.04434	0.0005	0.62439	284.4	3	279.7	3.1	304	23	279.7	3.1	1.7	Single Age
SFB05_108	1162	8.1	0.2545	0.003	0.03505	0.00046	0.60976	230.2	2.5	222.1	2.8	290	27	222.1	2.8	3.5	Single Age
SFB05_109	146.2	1.299	3.247	0.045	0.2472	0.005	0.73985	1469	10	1430	26	1508	26	1508.0	26.0	5.2	Single Age
SFB05_110	412	0.814	0.3091	0.0035	0.04319	0.00044	0.41439	273.4	2.7	272.6	2.7	270	27	272.6	2.7	0.3	Single Age
SFB05_111	1658	5.287	0.3077	0.0026	0.04238	0.00031	0.61278	272.4	2	267.6	1.9	302	18	267.6	1.9	1.8	Single Age
SFB05_112	510	1.251	0.3157	0.0047	0.04334	0.00044	0.65454	278.5	3.6	273.5	2.7	310	23	273.5	2.7	1.8	Single Age
SFB05_113	312	1.776	0.803	0.011	0.0949	0.0012	0.48748	598.2	6	584.7	7.3	643	30	584.7	7.3	2.3	Single Age
SFB05_115	298.9	9.6	0.594	0.016	0.0755	0.0014	0.3927	473	10	469.2	8.3	523	55	469.2	8.3	0.8	Rim
SFB05_115	128	1.512	0.955	0.023	0.1069	0.0023	0.63119	680	12	655	13	754	39	655.0	13.0	3.7	Core
SFB05_116	336	1.305	2.905	0.023	0.2337	0.0019	0.75419	1383	5.9	1354	10	1428.2	9.1	1428.2	9.1	5.2	Single Age
SFB05_117	162	2.79	0.3267	0.0055	0.04483	0.0004	0.049941	286.9	4.2	282.7	2.5	323	47	282.7	2.5	1.5	Single Age
SFB05_118	63.6	1.153	0.3131	0.0078	0.04398	0.00057	0.016646	278.7	6.2	277.4	3.5	285	61	277.4	3.5	0.5	Single Age
SFB05_119	83.7	102.8	0.743	0.018	0.0914	0.0014	0.33206	564	10	563.5	8.3	578	51	563.5	8.3	0.1	Single Age
SFB05_120	617	65	0.413	0.012	0.0548	0.0012	0.85252	351.1	8.6	343.9	7.4	392	31	343.9	7.4	2.1	Rim
SFB05_120	193.7	2.123	0.749	0.013	0.093	0.0011	0.50629	567.4	7.3	573.2	6.5	531	31	573.2	6.5	-1.0	Core

Sample Name:	09-SFB-33																
Lower Freshwater Moiasse lib (21 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB33_1	375	1.69	0.328	0.0049	0.04559	0.00062	0.60107	288	3.7	287.4	3.8	292	14	287.4	3.8	0.2	Single Age
SFB33_2	588	3.38	0.3325	0.0082	0.0462	0.0011	0.92583	291.2	6.2	291.2	6.6	308	11	291.2	6.6	0.0	Single Age
SFB33_3	222	1.295	0.322	0.0045	0.04468	0.00049	0.11763	283.4	3.4	281.8	3	292	15	281.8	3.0	0.6	Single Age
SFB33_4	315	1.89	0.5658	0.0046	0.07286	0.00054	0.4978	455.2	3	453.3	3.3	467.3	7.2	453.3	3.3	0.4	Single Age
SFB33_5	297.6	1.996	0.3361	0.0036	0.04712	0.00051	0.44382	294.2	2.7	296.8	3.1	300	17	296.8	3.1	-0.9	Single Age
SFB33_6	196.4	1.119	0.3313	0.0034	0.04629	0.00045	0.17869	290.5	2.6	291.7	2.8	282	17	291.7	2.8	-0.4	Single Age
SFB33_7	1190	1.65	0.3079	0.0067	0.04241	0.00097	0.82244	272.5	5.2	267.7	6	333	11	267.7	6.0	1.8	Single Age
SFB33_8	127	1.055	0.3113	0.0043	0.04345	0.00045	0.2957	275.1	3.4	274.1	2.8	278	22	274.1	2.8	0.4	Single Age
SFB33_9	730	1.112	0.2997	0.0038	0.04191	0.00045	0.55813	266.2	3	264.6	2.8	288	18	264.6	2.8	0.6	Single Age
SFB33_10	36.9	0.911	1.398	0.022	0.1483	0.0014	0.46371	889.6	9.1	891.2	8.1	884	18	884.0	18.0	-0.8	Single Age
SFB33_11	303	1.67	0.5717	0.0069	0.07368	0.00079	0.71084	458.9	4.4	458.2	4.7	465	11	458.2	4.7	0.2	Single Age
SFB33_12	660	2.482	0.3132	0.0039	0.04334	0.0006	0.7778	276.7	3	273.5	3.7	295	13	273.5	3.7	1.2	Single Age
SFB33_13	259	1.943	0.3471	0.0046	0.04794	0.00048	0.63925	302.5	3.5	301.8	2.9	304	14	301.8	2.9	0.2	Single Age
SFB33_14	438	1.081	0.556	0.015	0.0715	0.0018	0.95888	448.8	9.6	445	11	463.8	7.4	445.0	11.0	0.8	Single Age
SFB33_15	676	1.738	0.3739	0.0051	0.04241	0.0007	0.56299	322.5	3.8	267.7	4.3	750	17	DISC	DISC	17.0	Single Age
SFB33_16	978	3.57	0.3172	0.0034	0.04378	0.00049	0.57027	279.7	2.6	276.2	3	320	13	276.2	3.0	1.3	Single Age
SFB33_17	826	10.6	0.5316	0.0044	0.06875	0.00077	0.59499	432.8	2.9	428.6	4.6	451	15	428.6	4.6	1.0	Single Age
SFB33_18	947	1.99	0.2919	0.0044	0.04077	0.00079	0.6402	260	3.4	257.6	4.9	289	21	257.6	4.9	0.9	Single Age
SFB33_19	331	1.934	0.3362	0.0052	0.04656	0.00061	0.2887	294.1	3.9	293.3	3.7	298	16	293.3	3.7	0.3	Single Age

SFB33_20	320	9.2	0.5787	0.0092	0.0742	0.0012	0.79114	463.4	5.9	461.6	7.5	479	13	461.6	7.5	0.4	Single Age
SFB33_21	331	4.74	0.373	0.016	0.0514	0.0019	0.83671	324	11	323	12	322	15	323.0	12.0	0.3	Rim
SFB33_21	257.8	3.398	0.5598	0.0084	0.07255	0.00083	0.75631	451.3	5.5	451.5	5	451	13	451.5	5.0	0.0	Core
SFB33_22	1010	2.781	0.288	0.0076	0.0391	0.001	0.94935	256.8	6	247.1	6.4	368	14	247.1	6.4	3.8	Single Age
SFB33_23	445.8	1.596	0.3085	0.0041	0.04253	0.00053	0.67702	273	3.2	268.5	3.3	295	14	268.5	3.3	1.6	Single Age
SFB33_24	237	7.57	0.6026	0.0064	0.07701	0.00058	0.29453	479.4	3.9	478.2	3.4	487	13	478.2	3.4	0.3	Single Age
SFB33_25	189	3.94	0.715	0.021	0.0893	0.0023	0.91933	548	13	551	14	511	13	551.0	14.0	-0.5	Single Age
SFB33_26	638	1.85	0.3003	0.0042	0.04103	0.00078	0.86798	266.5	3.3	259.2	4.8	361	12	259.2	4.8	2.7	Single Age
SFB33_27	449	2.146	0.322	0.0035	0.0451	0.0006	0.68995	283.4	2.7	284.4	3.7	283	15	284.4	3.7	-0.4	Single Age
SFB33_28	1360	4	0.3089	0.0036	0.04298	0.00042	0.71552	273.7	2.9	271.2	2.6	293	8.6	271.2	2.6	0.9	Single Age
SFB33_29	130.8	1.389	0.3366	0.0055	0.04678	0.00065	0.51916	294.4	4.2	294.7	4	286	21	294.7	4.0	-0.1	Single Age
SFB33_30	238.4	2.172	0.3439	0.0054	0.04761	0.00039	0.23506	300.1	4	299.8	2.4	301	19	299.8	2.4	0.1	Single Age
SFB33_31	276.1	5.21	0.584	0.013	0.0754	0.0011	0.45352	466.7	8.1	468.8	6.5	479	23	468.8	6.5	-0.4	Rim
SFB33_31	920	8.3	2.157	0.075	0.1694	0.0043	0.93193	1165	24	1009	24	1501	21	DISC	DISC	32.8	Core
SFB33_32	122	1.256	0.3229	0.0046	0.04426	0.00039	0.37488	284	3.5	279.2	2.4	332	17	279.2	2.4	1.7	Single Age
SFB33_34	267.1	1.273	0.3247	0.0034	0.04581	0.00033	0.31019	285.5	2.6	288.7	2	269	14	288.7	2.0	-1.1	Single Age
SFB33_35	183	2.334	0.3665	0.0045	0.0521	0.00055	0.36523	317	3.3	327.4	3.3	266	20	327.4	3.3	-3.3	Single Age
SFB33_36	244	1.736	0.3211	0.004	0.04484	0.00046	0.38549	282.7	3.1	282.7	2.8	281	15	282.7	2.8	0.0	Single Age
SFB33_37	104.8	1.362	0.3417	0.0065	0.0474	0.0005	0.22409	298.3	4.9	298.5	3.1	302	23	298.5	3.1	-0.1	Single Age
SFB33_38	354	19.12	0.5725	0.0093	0.0732	0.0011	0.81888	460.4	5.8	455.5	6.7	462	11	455.5	6.7	1.1	Single Age
SFB33_39	1120	1.169	0.2782	0.0022	0.03853	0.00029	0.89242	249.2	1.8	243.7	1.8	295.5	7.5	243.7	1.8	2.2	Single Age
SFB33_40	2591	1.537	0.2945	0.0022	0.04055	0.00027	0.54117	262.1	1.7	256.3	1.7	312	10	256.3	1.7	2.2	Single Age
SFB33_41	154	9.8	0.674	0.022	0.0855	0.0024	0.75146	526	15	529	14	524	44	529.0	14.0	-0.6	Rim
SFB33_41	41.94	2.132	1.071	0.026	0.1212	0.0016	0.24232	739	13	737.3	8.9	726	52	737.3	8.9	0.2	Core
SFB33_42	355	2.507	0.3537	0.0053	0.04813	0.00056	0.43746	307.4	3.9	303	3.4	343	31	303.0	3.4	1.4	Single Age
SFB33_43	4840	2.18	0.2044	0.0069	0.0263	0.0011	0.95479	188.7	5.8	167.1	6.6	448	25	DISC	DISC	11.4	Rim
SFB33_43	743	1.815	0.3017	0.0049	0.03789	0.00095	0.79373	267.6	3.8	239.7	5.9	546	30	DISC	DISC	10.4	Core
SFB33_44	180.9	1.116	0.3246	0.0072	0.04462	0.00063	0.24537	285.2	5.5	281.4	3.9	298	55	281.4	3.9	1.3	Single Age
SFB33_45	66.4	1.086	0.3185	0.0072	0.04356	0.00061	0.080175	280.5	5.6	274.9	3.7	341	57	274.9	3.7	2.0	Single Age
SFB33_46	1942	1.585	0.3357	0.0031	0.04535	0.00033	0.56334	293.9	2.4	285.9	2	364	18	285.9	2.0	2.7	Single Age
SFB33_47	398	1.63	0.3392	0.0038	0.04689	0.00046	0.3435	296.9	2.8	295.4	2.8	307	28	295.4	2.8	0.5	Single Age
SFB33_48	318	2.022	0.3119	0.0087	0.04214	0.00098	0.32188	275.5	6.7	266.1	6.1	334	64	266.1	6.1	3.4	Single Age
SFB33_49	806	0.846	0.72	0.065	0.04235	0.00057	0.30245	544	37	267.4	3.5	1910	150	DISC	DISC	50.8	Single Age
SFB33_50	115.6	3.02	0.5526	0.0095	0.07098	0.00079	0.27344	446.4	6.2	442	4.8	457	42	442.0	4.8	1.0	Single Age
SFB33_51	492	1.555	0.3316	0.0038	0.04589	0.00038	0.50947	290.7	2.9	289.2	2.3	296	24	289.2	2.3	0.5	Single Age
SFB33_52	227	1.39	0.623	0.0087	0.07135	0.00078	0.34042	491.5	5.4	444.3	4.7	724	25	444.3	4.7	9.6	Single Age
SFB33_53	481	1.496	0.3404	0.0046	0.04662	0.00046	0.47189	297.4	3.5	293.7	2.8	319	31	293.7	2.8	1.2	Single Age
SFB33_54	294.7	2.87	0.572	0.0053	0.07409	0.00064	0.44833	459.2	3.4	460.7	3.8	457	21	460.7	3.8	-0.3	Single Age
SFB33_55	236	1.239	0.3308	0.0044	0.04598	0.00042	0.12109	290.1	3.3	289.8	2.6	304	35	289.8	2.6	0.1	Single Age
SFB33_56	692	19.2	0.647	0.026	0.0788	0.0017	0.83553	506	16	489	10	597	57	489.0	10.0	3.4	Rim
SFB33_56	60.9	1.023	4.83	0.11	0.2994	0.0052	0.66903	1790	19	1688	26	1893	34	1893.0	34.0	10.8	Core
SFB33_57	377	2.75	0.3093	0.0043	0.04267	0.00045	0.53775	273.6	3.3	269.4	2.8	307	26	269.4	2.8	1.5	Single Age
SFB33_58	912	2.638	0.2811	0.003	0.03874	0.00035	0.30356	251.8	2.3	245	2.1	337	18	245.0	2.1	2.7	Single Age
SFB33_59	208.7	4.151	0.5707	0.0086	0.07302	0.00075	0.17007	458.3	5.6	454.3	4.5	462	39	454.3	4.5	0.9	Single Age
SFB33_60	446	1.239	0.3703	0.0062	0.04664	0.00042	0.41799	319.7	4.6	293.8	2.6	495	34	293.8	2.6	8.1	Single Age
SFB33_61	160.4	0.77	1.605	0.021	0.1588	0.0018	0.71094	972	8.1	950	10	1002	22	1002.0	22.0	5.2	Single Age
SFB33_62	3548	7.5	0.2266	0.0057	0.02787	0.00049	0.28291	207.3	4.7	177.2	3.1	547	60	DISC	DISC	14.5	Rim
SFB33_62	1020	2.507	0.3323	0.0066	0.04556	0.00086	0.79439	291.1	5.1	287.2	5.3	325	23	287.2	5.3	1.3	Core
SFB33_63	172.9	3.88	0.583	0.009	0.07453	0.00084	0.33923	466.2	5.7	463.4	5	460	33	463.4	5.0	0.6	Single Age
SFB33_64	911	1.605	0.3181	0.0027	0.04354	0.00032	0.53531	280.4	2.1	274.7	2	322	20	274.7	2.0	2.0	Single Age
SFB33_65	368	1.706	0.3397	0.0046	0.04612	0.00052	0.62699	297.4	3.4	290.6	3.2	352	25	290.6	3.2	2.3	Single Age
SFB33_66	417.9	1.208	0.3275	0.0042	0.04552	0.00045	0.59114	287.5	3.2	286.9	2.8	283	26	286.9	2.8	0.2	Single Age
SFB33_67	519	2.247	0.3343	0.0036	0.04587	0.00035	0.58436	292.8	2.7	289.1	2.1	307	20	289.1	2.1	1.3	Single Age
SFB33_68	194	1.283	0.603	0.014	0.07265	0.00065	0.16034	478.4	8.5	452.1	3.9	585	49	452.1	3.9	5.5	Single Age
SFB33_69	32.3	0.675	1.849	0.045	0.1787	0.0025	0.23975	1062	16	1060	14	1096	54	1096.0	54.0	3.3	Single Age
SFB33_70	541	1.565	0.3539	0.0042	0.04909	0.00039	0.49223	307.5	3.1	308.9	2.4	308	23	308.9	2.4	-0.5	Single Age
SFB33_71	558	3.75	0.5927	0.0091	0.0764	0.0011	0.60581	472.5	5.8	474.8	6.6	468	33	474.8	6.6	-0.5	Rim
SFB33_71	285	1.31	0.877	0.017	0.1015	0.0018	0.79194	638.9	9.3	623	11	679	22	623.0	11.0	2.5	Core
SFB33_72	815	0.793	0.3276	0.0036	0.04522	0.00047	0.70101	287.7	2.7	285.1	2.9	317	16	285.1	2.9	0.9	Single Age
SFB33_73	120.3	1.327	0.3259	0.0068	0.04408	0.00042	0.18022	286.2	5.2	278.1	2.6	343	50	278.1	2.6	2.8	Single Age
SFB33_74	433	1.2098	0.3477	0.0034	0.04775	0.00037	0.28207	303.3	2.5	301	2.3	317	23	301.0	2.3	0.8	Single Age
SFB33_75	1049	1.397	0.2909	0.0031	0.03912	0.00041	0.66717	259.2	2.4	247.4	2.6	354	20	247.4	2.6	4.6	Single Age
SFB33_76	179	1.167	0.3213	0.0053	0.04414	0.00047	0.38058	282.8	4.1	278.4	2.9	296	39	278.4	2.9	1.6	Single Age
SFB33_77	246.9	1.326	0.3564	0.0045	0.04894	0.00044	0.018508	309.4	3.4	308	2.7	300	33	308.0	2.7	0.5	Single Age
SFB33_78	218	1.071	0.3353	0.006	0.04652	0.00077	0.40608	293.5	4.6	293.1	4.7	315	42	293.1	4.7	0.1	Single Age
SFB33_79	585	1.162	0.3384	0.0058	0.04645	0.00067	0.63009	295.9	4.4	292.7	4.1	316	30	292.7	4.1	1.1	Single Age
SFB33_81	544	1.92	0.3405	0.0024	0.04696	0.00033	0.29808	297.5	1.8	295.8	2	308	19	295.8	2.0	0.6	Single Age
SFB33_82	132	1.936	0.3129	0.0054	0.04399	0.00051	0.3426	276.2	4.2	277.5	3.2	254	40	277.5	3.2	-0.5	Single Age
SFB33_83	886	1.913	0.3129	0.0054	0.03649	0.00059	-0.29905	276.3	4.2	231	3.7	674	61	DISC	DISC	16.4	Single Age
SFB33_84	553.3	2.001	0.3255	0.0054	0.0448	0.00034	0.1549	286.1	4.1	282.5	2.1	318	39	282.5	2.1	1.3	Single Age
SFB33_85	418	2.45	0.3438	0.0041	0.04724	0.00047	0.34092	300	3.1	297.6	2.9	312	28	297.6	2.9	0.8	Single Age
SFB33_86	475	4.5	0.6141	0.0073	0.07818	0.00065	0.3516	486	4.6	485.3	3.9	484	28	485.3	3.9	0.1	Single Age
SFB33_87	430	2.044	0.3456	0.004	0.04755	0.00035	0.35785	301.3	3	299.4	2.1	294	25	299.4	2.1	0.6	Single Age
SFB33_88	205	1.476	0.3602	0.0059	0.05006	0.00054	0.16139	312.2	4.4	314.9	3.3	284	41	314.9	3.3	-0.9	Single Age
SFB33_90	3140	2.19	0.2859	0.0032	0.03812	0.00042	0.5543	255.3	2.5	241.2	2.6	366	23	241.2	2.6	5.5	Single Age
SFB33_91	190	3.55	0.569	0.0075	0.07371	0.00063	0.14831	457.8	4.8	458.4	3.8	441	33	458.4	3.8	-0.1	Single Age
SFB33_92	297	4.349	0.3196	0.0042	0.04442	0.00036	0.52541	281.5	3.2	280.2	2.2	283	24	280.2	2.2	0.5	Single Age
SFB33_93	814	0.6	0.2686	0.0045	0.03393	0.00051	0.54337	241.5	3.6	215.1	3.2	515	34	DISC	DISC	10.9	Single Age
SFB33_94	547	5.79	0.5567	0.005	0.07131	0.00065	0.62716	449.3	3.3	444	3.9	478	16	444.0	3.9	1.2	Single Age
SFB33_95	112.3	1.05	0.598	0.017	0.07443	0.00077	0.47467	475	11	462.8	4.6	527	58	462.8	4.6	2.6	Single Age
SFB33_96	768	1.684	0.3378	0.0038	0.04664	0.00051	0.6036	295.8	3	293.8	3.1	305	22	293.8	3.1	0.7	Single Age
SFB33_97	856	2.047	0.3437	0.0073	0.04508	0.00041	0.43182	299.7	5.4	284.2	2.5	417	42	284.2	2.5	5.2	Single Age
SFB33_98	176	2.012	0.3228	0.0048	0.04435	0.00048	0.23002	284.5	3.6	279.7	3	316	40	279.7	3.0	1.7	Single Age
SFB33_99	233	7.42	0.576	0.021	0.0737	0.0022	0.59023	462	14	458	13	553	98	458.0	13.0	0.9	Single Age
SFB33_100	460.6	2.155	0.3354	0.0033	0.04638	0.00042	0.50991	293.6	2.5	292.3	2.6	309	22	292.3	2.6	0.4	Single Age
SFB33_101	710.6	3.176	0.3246	0.0035	0.04447	0.00039	0.23855	285.4	2.7	280.5	2.4	340	28	280.5	2.4	1.7	Single Age
SFB33_102	3790	1.937	0.2721	0.0031	0.03339	0.00029	0.31744	244.4	2.5	211.7	1.8	568	24	DISC	DISC	13.4	Single Age
SFB33_103	204.1	2.196	0.364	0.013	0.04946	0.00089	-0.09597	317	10	311.2	5.4	354	86	311.2	5.4	1.8	Single Age
SFB33_104	151.9	1.075	0.537	0.039	0.04609	0.00075	0.40306	438	27	290.4	4.7	1340	130	DISC	DISC	33.7	Single Age
SFB33_105	827	3.14	0.3177	0.0027	0.04393	0.00034	0.48352	280.1	2.1	277.2	2.1	314	19	277.2	2.1	1.0	Single Age
09SFB33-1	53.2	3.091	0.3208	0.015	0.04398	0.0019	0.035324	282.2	12.0	277.4	12.0	336	34	277.4	12.0	1.7	Single Age
09SFB33-2	160	2.562	0.3323	0.014	0.04625	0.0019	0.45834	291.1	11.0	292.1	11.0	277	24	292.1	11.0	-0.3	Single Age
09SFB33-3	510	3.778	0.3396	0.014	0.04659	0.0019	0.63967	296.8	10.0	293.5	11.0	330	14	293.5	11.0	1.1	Single Age
09SFB33-4	313	3.579	0.3351	0.014	0.04689	0.0018	0.59278	293.3	10.0	295.4	11.0	283	16	295.4	11.0	-0.7	Single Age
09SFB33-5	816	16.6	0.5647	0.015	0.07294	0.0019	0.6616	454.5	9.4	453.8	12.0	462	13	453.8	12.0	0.2	Single Age
09SFB33-6	426	16.5	0.714	0.021	0.0885	0.0025	0.86765	546.5	12.0	546.0	15.0	546	16	546.0	15.0	0.1	Single Age
09SFB33-7	1090	49	0.5815	0.014	0.0751	0.0021	0.32988	465.3	9.2	466.8	13.0	464	20	466.8	13.0	-0.3	Single Age
09SFB33-8	255	12	0.846	0.046	0.1058	0.0049	0.96984	618.0	25.0	647.0	29.0	536	25	647.0	29.0	-4.7	Single Age
09SFB33-9	33.3	1.509	0.484	0.022	0.063	0.0021	0.15985	401.0	14.0	393.6	13.0	453	52	393.6	13.0	1.8	Single Age
09SFB33-10	72	8.03	2.47	0.22	0.199	0.011	0.96378	1259.0	64.0	1167.0	59.0	1377	81	1377.0	81.0	15.3	Single Age
09SFB33-11	653	18	0.5724	0.014	0.073	0.0021	0.55192	459.5	9.2	454.4	13.0	505	16	454.4	13.0	1.1	Single Age
09SFB33-12	20.8	3.98	0.615	0.028	0.0775	0.0025	0.40399	485.0	18.0	481.0	15.0	529	62	481.0	15.0	0.8	Single Age
09SFB33-13	139.1	4.758	0.572	0.018	0.0787	0.0024	0.79739	461.5	12.0	489.0	15.0	342	19	489.0	15.0	-6.0	Single Age
09SFB33-14	116.1	2.071	0.3283	0.014	0.04396	0.0019	0.57117	288.8	11.0	277.3	12.0	395	20	277.3	12.0	4.0	Single Age
09SFB33-15	340	1.487	0.3554	0.014	0.04647	0.0019	0.53866	308.7	11.0	292.8	12.0	444	23	292.8	12.0	5.2	Single Age
09SFB33-16	30.9	2.23	0.458	0.023	0.0617	0.0025	0.61565	381.0	16.0	386.0	15.0	403	42	386.0	15.0	-1.3	Single Age
09SFB33-17	683.8	3.813	0.3275	0.014	0.04454	0.0019	0.36197	287.6	11.0	280.9	12.0	360	16	280.9	12.0	2.3	Single Age
09SFB33-18	122.6	2.763	0.4222	0.015	0.05732	0.0019	0.41141	357.4	11.0	359.3	12.0	344	19	359.3	12.0	-0.5	Single Age
09SFB33-19	15.8	17.2	2.94	0.49	0.1311	0.0047	0.61666	1280.0	120.0	793.0	27.0	2040	280	DISC	DISC	38.0	Single Age

09SFB33-20	187	11.35	0.5958	0.015	0.07626	0.0019	0.49452	475.0	9.6	473.7	12.0	496	16	473.7	12.0	0.3	Single Age
09SFB33-21	141	8.1	0.467	0.018	0.0635	0.0024	0.79415	388.9	12.0	396.5	15.0	359	19	396.5	15.0	-2.0	Single Age
09SFB33-22	130.2	2.11	0.607	0.03	0.0762	0.0032	0.90707	482.0	19.0	473.0	19.0	536	29	473.0	19.0	1.9	Single Age
09SFB33-23	999	5.02	0.3382	0.014	0.04648	0.0019	0.73487	295.8	11.0	292.8	12.0	328	12	292.8	12.0	1.0	Single Age
09SFB33-24	530	4.66	0.3169	0.014	0.04337	0.0019	0.64156	279.4	11.0	273.7	12.0	342	14	273.7	12.0	2.0	Single Age
09SFB33-25	278	11.44	0.601	0.018	0.0762	0.0024	0.88417	477.5	12.0	473.3	14.0	508	15	473.3	14.0	0.9	Single Age
09SFB33-26	567	62.7	0.708	0.025	0.0858	0.0027	0.8794	542.0	15.0	530.0	16.0	608	22	530.0	16.0	2.2	Single Age
09SFB33-27	2.66	1.87	1.12	0.13	0.0911	0.0061	0.85153	729.0	51.0	561.0	36.0	1334	84	DISC	DISC	23.0	Single Age
09SFB33-28	266	1.636	0.324	0.014	0.04365	0.0018	0.38225	284.9	11.0	275.4	11.0	385	20	275.4	11.0	3.3	Single Age
09SFB33-29	215	10.9	0.5606	0.016	0.0724	0.0021	0.63085	451.7	10.0	450.3	12.0	480	15	450.3	12.0	0.3	Single Age
09SFB33-30	299	6.28	0.412	0.017	0.04363	0.002	0.75195	349.7	12.0	275.2	12.0	905	23	DISC	DISC	21.3	Single Age
09SFB33-31	16.46	5.77	0.945	0.038	0.1095	0.0042	0.6225	675.0	19.0	669.0	24.0	691	48	669.0	24.0	0.9	Single Age
09SFB33-32	24.76	1.044	0.132	0.018	0.00848	0.0018	0.01	125.0	16.0	54.5	12.0	1850	170	DISC	DISC	56.4	Single Age
09SFB33-33	20.6	9.9	1.061	0.035	0.1297	0.0035	0.53232	735.0	16.0	786.0	20.0	622	34	786.0	20.0	-6.9	Single Age
09SFB33-34	230	2.104	0.3942	0.015	0.05229	0.0019	0.2866	337.2	11.0	328.6	12.0	384	25	328.6	12.0	2.6	Single Age
09SFB33-35	293	1.926	0.607	0.028	0.0801	0.0038	0.94438	480.0	18.0	496.0	23.0	426	16	496.0	23.0	-3.3	Single Age
09SFB33-36	580	19.3	0.593	0.017	0.0756	0.0022	0.80212	472.1	11.0	469.5	13.0	484	13	469.5	13.0	0.6	Single Age
09SFB33-37	134	1.67	1.571	0.055	0.1607	0.0049	0.90849	961.0	22.0	960.0	27.0	981	13	981.0	13.0	2.1	Single Age
09SFB33-38	96.1	3.62	0.578	0.017	0.0745	0.0021	0.3446	463.0	11.0	463.3	13.0	476	27	463.3	13.0	-0.1	Single Age
09SFB33-39	256.7	3.02	0.3231	0.014	0.04501	0.0019	0.43802	284.2	11.0	283.8	12.0	292	17	283.8	12.0	0.1	Single Age
09SFB33-40	460	4.83	0.3375	0.014	0.04611	0.0019	0.44166	295.6	11.0	290.6	11.0	359	20	290.6	11.0	1.7	Single Age
09SFB33-41	276	3.35	0.3022	0.015	0.04063	0.002	0.75537	268.5	12.0	256.7	13.0	371	24	256.7	13.0	4.4	Single Age
09SFB33-42	342.8	3.363	0.3249	0.014	0.04594	0.0019	0.49294	285.6	11.0	289.5	11.0	264	15	289.5	11.0	-1.4	Single Age
09SFB33-43	71.8	2.562	0.811	0.082	0.087	0.0059	0.96189	585.0	45.0	536.0	35.0	739	77	536.0	35.0	8.4	Single Age
09SFB33-44	295.3	3.959	0.3248	0.014	0.0447	0.0019	0.53025	285.5	11.0	281.9	12.0	329	25	281.9	12.0	1.3	Single Age
09SFB33-45	109.8	2.753	1.935	0.026	0.1872	0.0033	0.53866	1092.9	9.1	1106.0	18.0	1061	14	1061.0	14.0	-4.2	Single Age
09SFB33-46	390	3.25	0.3696	0.015	0.04629	0.0019	0.57934	319.3	11.0	291.7	12.0	517	20	291.7	12.0	8.6	Single Age
09SFB33-47	269	2.394	0.477	0.017	0.061	0.0023	0.8093	395.4	12.0	381.7	14.0	453	20	381.7	14.0	3.5	Single Age
09SFB33-48	221.5	2.213	0.3118	0.015	0.04314	0.0019	0.56351	275.4	11.0	272.2	12.0	278	16	272.2	12.0	1.2	Single Age
09SFB33-49	1220	28.7	0.405	0.021	0.0531	0.003	0.96425	346.0	15.0	334.0	18.0	433	17	334.0	18.0	3.5	Single Age
09SFB33-50	518	4.09	0.544	0.018	0.0505	0.0022	0.01	440.8	12.0	317.8	14.0	1114	77	DISC	DISC	27.9	Single Age
09SFB33-52	246	4.24	0.57	0.018	0.0714	0.0023	0.63653	458.6	12.0	444.3	14.0	539	21	444.3	14.0	3.1	Single Age
09SFB33-53	334	3.77	0.342	0.015	0.04554	0.002	0.58665	298.5	11.0	287.1	12.0	380	21	287.1	12.0	3.8	Single Age
09SFB33-54	386	10.42	0.3339	0.015	0.04614	0.002	0.54134	292.4	11.0	290.8	12.0	286	14	290.8	12.0	0.5	Single Age
09SFB33-55	801	3.02	0.3282	0.014	0.0404	0.0022	0.58746	288.1	11.0	255.2	13.0	528	40	DISC	DISC	11.4	Single Age
09SFB33-56	129	6.73	0.495	0.019	0.0632	0.0026	0.6748	407.8	13.0	395.0	16.0	504	26	395.0	16.0	3.1	Single Age
09SFB33-57	522	4.498	0.3805	0.015	0.04931	0.002	0.72798	327.8	11.0	310.3	13.0	427	18	310.3	13.0	5.3	Single Age
09SFB33-58	366	1.352	0.548	0.018	0.0529	0.0028	0.76609	443.1	12.0	332.0	17.0	1140	40	DISC	DISC	25.1	Single Age
09SFB33-59	619	3.301	0.7197	0.016	0.08695	0.0021	0.71777	550.3	9.5	537.4	12.0	598	10	537.4	12.0	2.3	Single Age
09SFB33-60	107.6	4.32	0.772	0.022	0.1024	0.0026	0.79678	581.0	13.0	628.0	15.0	417	20	628.0	15.0	-8.1	Single Age
09SFB33-61	469	13.9	0.842	0.03	0.099	0.0034	0.9023	620.0	17.0	608.0	20.0	667	15	608.0	20.0	1.9	Single Age
09SFB33-62	313.7	2.57	0.3561	0.015	0.04518	0.002	0.57389	309.1	11.0	284.8	12.0	495	17	284.8	12.0	7.9	Single Age
09SFB33-63	353	2.382	0.3327	0.014	0.04572	0.0019	0.62826	291.5	11.0	288.1	12.0	306	14	288.1	12.0	1.2	Single Age
09SFB33-64	569	0.973	0.3899	0.017	0.04896	0.002	0.78755	333.9	12.0	308.1	12.0	537	28	308.1	12.0	7.7	Single Age
09SFB33-65	183	8.5	0.823	0.038	0.103	0.0036	0.55295	607.0	21.0	632.0	21.0	504	33	632.0	21.0	-4.1	Single Age
09SFB33-66	383	2.143	0.503	0.018	0.06818	0.0021	0.40344	413.0	12.0	425.1	12.0	375	39	425.1	12.0	-2.9	Single Age
09SFB33-67	717	10.67	0.443	0.022	0.0543	0.0027	0.70068	371.0	16.0	341.0	17.0	559	23	341.0	17.0	8.1	Single Age
09SFB33-69	395.8	4.74	0.6603	0.017	0.0779	0.0024	0.22737	514.6	10.0	483.6	14.0	623	25	483.6	14.0	6.0	Single Age
09SFB33-70	229	4.92	1.022	0.054	0.1122	0.005	0.96185	710.0	27.0	685.0	29.0	792	25	685.0	29.0	3.5	Single Age
09SFB33-71	1322	3.218	0.3274	0.015	0.04275	0.002	0.53763	287.4	11.0	269.9	12.0	415	22	269.9	12.0	6.1	Single Age
09SFB33-72	57.8	5.73	0.577	0.025	0.0718	0.0022	0.57767	462.0	16.0	446.9	13.0	518	47	446.9	13.0	3.3	Single Age
09SFB33-73	601	31.6	0.7193	0.017	0.0896	0.0023	0.67468	550.0	10.0	552.9	13.0	516	14	552.9	13.0	-0.5	Single Age
09SFB33-74	705	6.16	0.39	0.024	0.034	0.0037	0.66029	333.0	17.0	215.0	23.0	1310	140	DISC	DISC	35.4	Single Age
09SFB33-75	397	3.7	0.335	0.015	0.04648	0.0021	0.73388	293.2	12.0	292.8	13.0	285	20	292.8	13.0	0.1	Single Age
09SFB33-76	312.4	1.446	0.4084	0.015	0.05386	0.002	0.41032	347.5	11.0	338.2	12.0	389	19	338.2	12.0	2.7	Single Age
09SFB33-77	76.9	3.761	0.543	0.025	0.04399	0.002	0.47383	441.0	17.0	277.5	12.0	1409	59	DISC	DISC	37.1	Single Age
09SFB33-78	132.3	2.647	0.3588	0.015	0.04814	0.002	0.24202	311.1	11.0	303.1	12.0	367	26	303.1	12.0	2.6	Single Age
09SFB33-79	301.6	6.33	0.636	0.025	0.0664	0.0025	0.034374	499.0	15.0	414.0	15.0	924	78	DISC	DISC	17.0	Single Age
09SFB33-80	104.2	2.623	0.318	0.015	0.04383	0.002	0.23945	280.2	12.0	276.5	12.0	331	22	276.5	12.0	1.3	Single Age
09SFB33-81	312	14.85	0.862	0.027	0.1089	0.0029	0.84941	633.0	14.0	666.0	17.0	500	20	666.0	17.0	-5.2	Single Age
09SFB33-82	409	3.74	0.365	0.015	0.04982	0.002	0.4666	315.8	11.0	313.4	12.0	339	21	313.4	12.0	0.8	Single Age
09SFB33-83	72	5.87	0.518	0.036	0.0678	0.005	0.52484	420.0	23.0	422.0	30.0	545	73	422.0	30.0	-0.5	Single Age
09SFB33-84	53.7	6.95	1.119	0.028	0.1299	0.0027	0.52831	762.0	13.0	787.0	15.0	706	27	787.0	15.0	-3.3	Single Age
09SFB33-85	788	2.249	0.3605	0.015	0.0491	0.002	0.54485	312.4	11.0	309.0	12.0	321	17	309.0	12.0	1.1	Single Age
09SFB33-86	132.8	1.768	0.434	0.018	0.0599	0.0025	0.13117	365.9	12.0	375.0	15.0	303	58	375.0	15.0	-2.5	Single Age
09SFB33-87	59.9	1.794	0.463	0.027	0.05842	0.002	0.36336	385.0	18.0	366.0	12.0	461	71	366.0	12.0	4.9	Single Age
09SFB33-88	1270	3.421	0.1632	0.015	0.01663	0.0019	0.070897	153.4	13.0	106.3	12.0	994	89	DISC	DISC	30.7	Single Age
09SFB33-89	220.9	2.07	0.675	0.022	0.0834	0.0024	0.81652	523.0	13.0	516.6	15.0	563	23	516.6	15.0	1.2	Single Age
09SFB33-90	221	3.91	0.3433	0.015	0.04743	0.0019	0.45168	299.5	11.0	298.7	12.0	325	17	298.7	12.0	0.3	Single Age
09SFB33-91	421	5.74	0.4871	0.015	0.06345	0.002	0.67625	402.8	10.0	396.6	12.0	448	12	396.6	12.0	1.5	Single Age
09SFB33-92	93.9	3.17	6.04	0.43	0.312	0.013	0.96903	1958.0	63.0	1748.0	62.0	2179	57	2179.0	57.0	19.8	Single Age
09SFB33-93	153.3	106.3	0.5575	0.016	0.072	0.002	0.54731	449.6	11.0	448.2	12.0	440	14	448.2	12.0	0.3	Single Age
09SFB33-94	414	26	0.5524	0.016	0.0711	0.0021	0.54355	446.4	10.0	443.5	13.0	466	18	443.5	13.0	0.6	Single Age
09SFB33-95	500	16.9	1.522	0.021	0.1524	0.0025	0.7187	938.9	8.6	914.3	14.0	995	12	995.0	12.0	8.1	Single Age
09SFB33-96	153.8	1.68	0.814	0.028	0.0987	0.003	0.86725	604.0	15.0	606.0	18.0	595	17	606.0	18.0	-0.3	Single Age
09SFB33-97	98	3.689	0.3257	0.015	0.04562	0.002	0.14089	286.1	11.0	287.5	12.0	286	25	287.5	12.0	-0.5	Single Age
09SFB33-98	655	2.569	0.3294	0.015	0.04556	0.0019	0.64576	289.5	11.0	287.2	12.0	302	16	287.2	12.0	0.8	Single Age
09SFB33-99	188.8	1.945	0.798	0.019	0.0943	0.0024	0.70832	595.5	11.0	580.8	14.0	651	17	580.8	14.0	2.5	Single Age
09SFB33-100	395.9	2.97	0.4133	0.016	0.0442	0.0023	0.41866	351.1	12.0	279.0	14.0	873	52	DISC	DISC	20.5	Single Age
09SFB33-101	1488	2.7	0.324	0.017	0.0394	0.0022	0.79011	285.6	14.0	249.2	14.0	560	30	DISC	DISC	12.7	Single Age
09SFB33-102	155	3.67	0.778	0.019	0.094	0.0022	0.59818	583.8	11.0	578.9	13.0	602	20	578.9	13.0	0.8	Single Age
09SFB33-103	2260	4.057	0.2731	0.017	0.0326	0.0026	0.95531	244.6	14.0	207.0	16.0	680	50	DISC	DISC	15.4	Single Age
09SFB33-104	150	1.723	0.3251	0.015	0.04552	0.002	0.25715	285.7	11.0	287.0	12.0	289	18	287.0	12.0	-0.5	Single Age
09SFB33-105	154	7.79	0.5821	0.016	0.07393	0.002	0.37598	465.6	10.0	459.7	12.0	498	21	459.7	12.0	1.3	Single Age
09SFB33-106	245	2.212	7.751	0.077	0.4034	0.0057	0.67643	2203.1	9.2	2184.0	26.0	2215.6	9.2	2215.6	9.2	1.4	Single Age
09SFB33-107	320	7.5	0.648	0.03	0.0813	0.0036	0.93492	507.0	19.0	503.0	22.0	546	19	503.0	22.0	0.8	Single Age
09SFB33-108	126.5	2.72	0.5734	0.016	0.07374	0.002	0.53656	460.0	10.0	458.6	12.0	460	13	458.6	12.0	0.3	Single Age
09SFB33-109	680	3.142	0.3276	0.014	0.04525	0.0019	0.58911	287.7	11.0	285.3	12.0	299	14	285.3	12.0	0.8	Single Age
09SFB33-110	70.2	2.694	0.3203	0.016	0.04354	0.002	0.27531	281.9	12.0	274.7	12.0	343	35	274.7	12.0	2.6	Single Age
09SFB33-111	156.9	2.483	0.3123	0.015	0.04421	0.002	0.37566	275.9	11.0	278.9	12.0	246	21	278.9	12.0	-1.1	Single Age
09SFB33-112	102	3.75	0.692	0.018	0.0805	0.0023	0.54197	533.8	11.0	500.0	13.0	664	18	500.0	13.0	6.3	Single Age
09SFB33-113	125	4.571	0.468	0.017	0.04675	0.002	0.60715	389.3	12.0	294.5	13.0	998	25	DISC	DISC	24.4	Single Age
09SFB33-114	546	3.61	0.3247	0.015	0.04484	0.002	0.75501	285.4	11.0	282.7	12.0	315	13	282.7	12.0	0.9	Single Age
09SFB33-115	491	18.7	0.5613	0.015	0.07326	0.0021	0.67868	452.3	10.0	455.7	13.0	442	13	455.7	13.0	-0.8	Single Age
09SFB33-116	219.7	1.91	0.3366	0.015	0.04509	0.002	0.48921	295.0	11.0	284.3	12.0	381	21	284.3	12.0	3.6	Single Age
09SFB33-117	677	3.94	0.3235	0.014	0.04514	0.0019	0.5128	284.6	11.0	284.6	12.0	296	16	284.6	12.0	0.0	Single Age
09SFB33-118	252	4.062	0.3296	0.015	0.04562	0.0021	0.56589	289.7	11.0	287.5	13.0	298	24	287.5	13.0	0.8	Single Age
09SFB33-119	379	10.5	0.627	0.022	0.0798	0.0028	0.88013	493.0	13.0	495.0	17.0	501	18	495.0	17.0	-0.4	Single Age
09SFB33-120	88.1	1.06	0.5784	0.017	0.0742	0.0023	0.53075	463.1	11.0	461.2	14.0	470	23	461.2	14.0	0.4	Single Age
09SFB33-122	276	4.517	0.3312	0.015	0.04523	0.002	0.603	290.3	12.0	285.1	13.0	326	21	285.1	13.0	1.8	Single Age
09SFB33-123	156.2	2.159	0.3414	0.015	0.04595	0.002	0.32579	298.1	11.0	289.6	12.0	358	23	289.6	12.0	2.9	Single Age
09SFB33-124	96.9	2.168	0.3464	0.016	0.04505	0.002	0.42243	301.7	12.0	284.0	12.0	464	29	284.0	12.0	5.9	Single Age
09SFB33-125	467	3.25	0.3418	0.015	0.04717	0.002	0.57959	298.4	11.0	297.1	12.0	301	15	297.1	12.0	0.4	Single Age
09SFB33-126	153	5.62	1.053	0.025	0.12	0.0029	0.88716	731.1	12.0	730.0	17.0	737	11	730.0	17.0	0.2	Single Age
09SFB33-127	161	16.64	0.741	0.054	0.0821	0.0038	0.95549	555.0	30.0	508.0	22.0	755	65	508.0	22.0	8.5	Single Age
09SFB33-128	386	37.8	0.5405	0.017	0.0682	0.0023	0.86796	438.4	11.0	425.4	14.0	497	13	425.4	14.0	3.0	Single Age
09SFB33-129	214.6	1.716	0.8074	0.017	0.0961	0.0022	0.54161	600.7	9.6	591.5	13.0	638	14	591.5	13.0	1.5	Single Age
09SFB33-130	182.7	6.31	1.37	0.17	0.1306	0.0097	0.98082	851.0	64.0	787.0	54.0	1057	91	787.0	54.0	7.5	Single Age
09SFB33-131	47.9	2.63	1.343	0.089	0.1369	0.0072	0.94865	855.0	40.0	830.0	41.0	932	38	830.0	41.0	2.9	Single Age

09SFB33-132	263	4.27	0.5916	0.016	0.07435	0.0021	0.57155	471.7	10.0	462.3	12.0	508	15	462.3	12.0	2.0	Single Age
09SFB33-133	45.6	2.52	0.3286	0.017	0.04524	0.002	0.10449	288.1	13.0	285.2	12.0	323	41	285.2	12.0	1.0	Single Age
09SFB33-134	210.2	1.973	0.3175	0.014	0.04369	0.0019	0.36543	279.9	11.0	275.6	12.0	331	17	275.6	12.0	1.5	Single Age
09SFB33-135	697	3.8	0.3402	0.015	0.04677	0.002	0.65477	297.2	11.0	294.6	12.0	312	14	294.6	12.0	0.9	Single Age
09SFB33-136	612	2.84	0.3403	0.014	0.04721	0.0019	0.57808	297.3	11.0	297.4	12.0	324	18	297.4	12.0	0.0	Single Age
09SFB33-137	649	22	0.5861	0.015	0.07649	0.0021	0.58072	468.2	9.7	475.1	12.0	448	16	475.1	12.0	-1.5	Single Age
09SFB33-138	152.1	2.042	0.3248	0.015	0.04439	0.0019	0.1804	285.5	11.0	280.0	12.0	324	26	280.0	12.0	1.9	Single Age
09SFB33-139	407	5.99	0.648	0.024	0.0808	0.0027	0.90693	506.0	15.0	501.0	16.0	520	18	501.0	16.0	1.0	Single Age
09SFB33-140	413	4.02	0.3625	0.015	0.04732	0.002	0.58887	314.0	11.0	298.0	12.0	432	18	298.0	12.0	5.1	Single Age
09SFB33-141	1020	45.1	0.622	0.017	0.0803	0.0024	0.84441	491.2	11.0	498.0	14.0	466	15	498.0	14.0	-1.4	Single Age
09SFB33-142	285	10	6.2	0.7	0.279	0.025	0.99512	1980.0	100.0	1580.0	130.0	2416	55	DISC	DISC	34.6	Single Age
09SFB33-143	172.9	1.857	0.3365	0.015	0.04561	0.0019	0.30465	294.3	12.0	287.5	12.0	347	34	287.5	12.0	2.3	Single Age
09SFB33-144	410	13.12	0.5597	0.016	0.07202	0.0021	0.63824	451.2	10.0	448.2	13.0	467	16	448.2	13.0	0.7	Single Age
09SFB33-145	496	9.44	0.63	0.021	0.0807	0.0025	0.85072	496.6	13.0	500.2	15.0	492	20	500.2	15.0	-0.7	Single Age
09SFB33-146	416	9.37	0.5753	0.015	0.0731	0.002	0.46728	461.4	9.7	454.8	12.0	490	13	454.8	12.0	1.4	Single Age

Sample Name:	09-SFB-08																
Lower Freshwater Molasse IIb (21.5 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB08_1	524	3.189	0.3371	0.0035	0.04605	0.00033	0.53981	295	2.7	290.2	2	329	22	290.2	2.0	1.6	Single Age
SFB08_2	764	1.57	0.3361	0.0025	0.04618	0.00032	0.59651	294.2	1.9	291	1.9	319	13	291.0	1.9	1.1	Single Age
SFB08_3	1360	10.42	0.686	0.012	0.0824	0.0013	0.92914	530.4	7	510.1	7.7	624	15	510.1	7.7	3.8	Single Age
SFB08_4	319	1.366	1.0637	0.0065	0.12006	0.00085	0.55714	735.5	3.2	731.5	4.8	750	13	731.5	4.8	0.5	Single Age
SFB08_5	1076	2.321	0.3246	0.0043	0.03447	0.00046	0.13725	285.4	3.3	218.4	2.9	865	38	DISC	DISC	23.5	Single Age
SFB08_6	20.48	0.3868	3.339	0.052	0.07484	0.00097	0.37978	1489	12	465.2	5.8	3576	24	DISC	DISC	68.8	Single Age
SFB08_7	168.7	1.344	0.3162	0.0034	0.04311	0.00035	0.3963	279.2	2.6	272.1	2.1	319	26	272.1	2.1	2.5	Single Age
SFB08_8	621	6.5	0.372	0.016	0.0421	0.0015	0.53116	320	12	265.6	9	765	57	DISC	DISC	17.0	Single Age
SFB08_9	479	6.75	1.907	0.025	0.1787	0.0026	0.66069	1083	8.8	1060	14	1117	18	1117.0	18.0	5.1	Rim
SFB08_9	89.2	2.788	2.132	0.022	0.1979	0.0019	0.58986	1159	7.2	1165.2	9.9	1156	16	1156.0	16.0	-0.8	Core
SFB08_10	1580	9.2	0.577	0.014	0.0734	0.002	0.96333	462.3	9.3	456	12	498	16	456.0	12.0	1.4	Rim
SFB08_10	80.2	0.998	0.802	0.012	0.09755	0.00078	0.48512	597.5	6.9	600	4.6	578	30	600.0	4.6	-0.4	Core
SFB08_11	5150	2.184	0.906	0.08	0.0259	0.0035	-0.5101	653	44	165	22	3330	230	DISC	DISC	74.7	Rim
SFB08_11	2159	1.787	0.395	0.021	0.039	0.0004	0.42322	337	15	246.6	2.5	993	92	DISC	DISC	26.8	Core
SFB08_12	3160	3.61	0.2221	0.0094	0.0283	0.001	-0.27402	203.6	7.8	180	6.3	427	97	DISC	DISC	11.6	Rim
SFB08_12	699	1.959	0.3379	0.0055	0.04583	0.00069	0.87515	296.1	4.2	288.9	4.3	341	16	288.9	4.3	2.4	Core
SFB08_13	371	1.683	0.3438	0.004	0.04729	0.00044	0.51548	300	3	297.9	2.7	313	23	297.9	2.7	0.7	Single Age
SFB08_14	267	1.95	0.369	0.0042	0.04999	0.00055	0.33007	318.9	3.1	314.4	3.3	337	26	314.4	3.3	1.4	Single Age
SFB08_15	2177	1.95	0.195	0.01	0.02426	0.00093	0.828	180.7	8.5	154.5	5.9	559	52	DISC	DISC	14.5	Rim
SFB08_15	671	2.255	0.3281	0.0035	0.0432	0.00033	0.45022	288.1	2.7	272.6	2	414	22	272.6	2.0	5.4	Core
SFB08_16	329.6	1.08	0.3159	0.0062	0.04358	0.00069	0.70964	279.2	4.7	274.9	4.2	296	31	274.9	4.2	1.5	Single Age
SFB08_17	500	6.21	1.398	0.014	0.1399	0.0011	0.73814	887.9	5.9	844.1	6.5	1000	15	844.1	6.5	4.9	Rim
SFB08_17	327.7	4.84	1.613	0.018	0.1591	0.0014	0.72717	975.2	7	951.5	7.6	1023	15	1023.0	15.0	7.0	Core
SFB08_18	219	4.08	0.5108	0.0073	0.0686	0.001	0.53696	418.9	4.9	427.4	6.1	412	34	427.4	6.1	-2.0	Single Age
SFB08_19	693	1.15	0.3339	0.0044	0.04443	0.0003	0.53137	292.4	3.3	280.2	1.9	389	27	280.2	1.9	4.2	Single Age
SFB08_21	763	2.5	0.3329	0.0029	0.04606	0.00028	0.53576	291.7	2.2	290.3	1.7	307	17	290.3	1.7	0.5	Single Age
SFB08_22	997	1.09	0.336	0.0053	0.0412	0.00093	0.30347	294.7	3.8	260.3	5.7	574	51	DISC	DISC	11.7	Single Age
SFB08_23	219	1.38	0.3535	0.0053	0.04706	0.00044	0.59553	307.2	4	296.5	2.7	363	29	296.5	2.7	3.5	Single Age
SFB08_24	309	1.9	0.3327	0.0042	0.04607	0.0004	0.67668	291.5	3.2	290.4	2.5	299	20	290.4	2.5	0.4	Single Age
SFB08_25	602	1.472	0.3246	0.0029	0.04455	0.00042	0.2109	285.4	2.2	281	2.6	326	24	281.0	2.6	1.5	Single Age
SFB08_26	304.5	1.035	0.6824	0.0064	0.08447	0.00081	0.39103	528.2	3.8	522.7	4.8	534	23	522.7	4.8	1.0	Single Age
SFB08_27	761	108	0.4135	0.0055	0.05562	0.00069	0.29551	351.4	3.9	348.9	4.2	356	31	348.9	4.2	0.7	Rim
SFB08_27	205	4.3	0.5304	0.0056	0.06972	0.00075	0.63847	432	3.7	434.4	4.5	410	23	434.4	4.5	-0.6	Core
SFB08_28	662	2.49	0.382	0.0043	0.05157	0.00052	0.66503	328.5	3.1	324.1	3.2	374	20	324.1	3.2	1.3	Single Age
SFB08_29	1180	1.345	0.318	0.0044	0.04398	0.00051	0.22262	280.4	3.4	277.5	3.1	311	31	277.5	3.1	1.0	Single Age
SFB08_30	1747	3.261	0.312	0.003	0.04251	0.00032	0.52009	275.7	2.3	268.4	2	348	18	268.4	2.0	2.6	Single Age
SFB08_31	416.5	1.618	0.3268	0.004	0.04481	0.00035	0.70997	287	3	282.9	2.2	311	21	282.9	2.2	1.4	Single Age
SFB08_32	79.7	0.968	1.651	0.017	0.1651	0.0014	0.56298	989.6	6.6	984.8	7.7	1007	19	1007.0	19.0	2.2	Single Age
SFB08_33	620	2.83	0.3566	0.0038	0.04891	0.00037	0.52256	309.6	2.8	307.8	2.2	326	20	307.8	2.2	0.6	Single Age
SFB08_34	364	1.32	0.3289	0.0036	0.04557	0.0004	0.62999	288.7	2.7	287.2	2.5	295	21	287.2	2.5	0.5	Single Age
SFB08_35	451	1.441	0.3223	0.0037	0.04442	0.00041	0.54377	283.6	2.8	280.1	2.5	306	20	280.1	2.5	1.2	Single Age
SFB08_36	389	2.42	0.4005	0.0043	0.047	0.00051	0.10085	342	3.1	296	3.2	679	31	DISC	DISC	13.5	Single Age
SFB08_37	2270	1.961	0.298	0.0023	0.03989	0.00025	0.48108	264.8	1.8	252.2	1.5	386	14	252.2	1.5	4.8	Single Age
SFB08_38	577	31.2	0.3786	0.0089	0.0493	0.0013	0.66817	325.9	6.5	310.5	8.3	414	54	310.5	8.3	4.7	Rim
SFB08_38	318.5	0.985	0.8445	0.0094	0.1005	0.0011	0.69985	621.5	5.2	617.3	6.6	640	20	617.3	6.6	0.7	Core
SFB08_39	244.4	7.24	0.948	0.01	0.10987	0.00078	0.37381	677	5.3	672	4.5	693	20	672.0	4.5	0.7	Single Age
SFB08_40	556	2.259	0.326	0.0037	0.04481	0.00037	0.31558	286.5	2.8	282.6	2.3	306	20	282.6	2.3	1.4	Single Age
SFB08_41	50.43	1.594	0.893	0.015	0.1065	0.0016	0.16697	650.3	8.9	652.4	9.1	627	47	652.4	9.1	-0.3	Single Age
SFB08_42	612	1.48	0.5764	0.0053	0.07334	0.00061	0.63191	462	3.4	456.2	3.6	483	15	456.2	3.6	1.3	Single Age
SFB08_43	1240	1.45	0.7812	0.008	0.0918	0.001	0.92043	586.1	4.5	566	6	657	12	566.0	6.0	3.4	Single Age
SFB08_44	670	10.8	0.566	0.01	0.0721	0.0011	0.87645	456	6.2	449	6.8	489	19	449.0	6.8	1.5	Single Age
SFB08_45	921	2.7	0.3175	0.0028	0.04387	0.00033	0.5007	280	2.1	276.8	2.1	305	18	276.8	2.1	1.1	Single Age
SFB08_46	1200	1.76	0.3287	0.0049	0.04464	0.00063	0.85728	288.4	3.7	281.5	3.9	355	15	281.5	3.9	2.4	Single Age
SFB08_47	329	0.824	0.8503	0.0077	0.10258	0.00094	0.65279	624.7	4.2	629.4	5.5	619	18	629.4	5.5	-0.8	Single Age
SFB08_48	67.7	2.26	2.174	0.029	0.1902	0.0019	0.068425	1172	9.4	1122	10	1277	34	1277.0	34.0	12.1	Single Age
SFB08_49	177.1	1.005	1.836	0.011	0.1783	0.0012	0.6017	1059	4.2	1057.7	6.6	1060	12	1060.0	12.0	0.2	Single Age
SFB08_50	213	1.01	1.481	0.018	0.1539	0.0013	0.7383	923.5	7.1	923	7.3	913	16	913.0	16.0	-1.1	Single Age
SFB08_51	360	4.57	0.819	0.01	0.0978	0.0011	0.74462	607	5.7	601.5	6.3	620	18	601.5	6.3	0.9	Single Age
SFB08_52	635	1.58	0.3463	0.0052	0.04717	0.00075	0.78948	301.8	3.9	297.1	4.6	364	19	297.1	4.6	1.6	Single Age
SFB08_55	955	0.972	0.2843	0.004	0.03875	0.00057	0.78272	254	3.2	245.1	3.6	330	23	245.1	3.6	3.5	Single Age
SFB08_56	570	1.97	0.3404	0.0055	0.04521	0.00035	0.22342	297.3	4.1	285	2.2	392	31	285.0	2.2	4.1	Single Age
SFB08_57	235.7	1.166	0.3549	0.0052	0.04886	0.00066	0.35746	308.3	3.9	307.5	4	296	33	307.5	4.0	0.3	Single Age
SFB08_58	269	2.096	0.671	0.013	0.06288	0.00056	0.089996	520.7	8	393.1	3.4	1117	41	DISC	DISC	24.5	Single Age
SFB08_59	105.2	1.574	0.5826	0.0079	0.07404	0.00058	0.31472	465.9	5.1	460.5	3.5	508	33	460.5	3.5	1.2	Single Age
SFB08_60	108.1	0.585	1.788	0.02	0.173	0.0018	0.58679	1041	7.2	1028	10	1056	21	1056.0	21.0	2.7	Single Age
SFB08_61	585	3.053	0.3269	0.0025	0.0455	0.00037	0.64676	287.4	2	286.9	2.3	280	14	286.9	2.3	0.2	Single Age
SFB08_62	646	2.9	0.3247	0.0029	0.04466	0.00036	0.625	285.5	2.2	281.7	2.2	318	17	281.7	2.2	1.3	Single Age
SFB08_63	243	5.68	0.5824	0.0076	0.0745	0.0009	0.7783	466.8	4.6	463.2	5.4	478	20	463.2	5.4	0.8	Single Age
SFB08_64	606.5	3.155	0.3331	0.0029	0.04559	0.00025	0.52846	291.9	2.2	287.4	1.6	324	17	287.4	1.6	1.5	Single Age
SFB08_65	972	2.33	0.331	0.003	0.04418	0.00036	0.70314	290.3	2.3	278.7	2.3	367	12	278.7	2.3	4.0	Single Age
SFB08_66	365	1.372	0.3346	0.0041	0.04678	0.00046	0.55726	293	3.1	294.7	2.8	281	23	294.7	2.8	-0.6	Single Age
SFB08_67	1051	2.59	0.4033	0.009	0.04508	0.0007	-0.40541	343.8	6.4	284.2	4.3	746	56	DISC	DISC	17.3	Single Age
SFB08_68	912	4	0.3424	0.0055	0.04576	0.00054	0.40621	299	4.2	288.4	3.3	379	30	288.4	3.3	3.5	Rim
SFB08_68	196	5.57	0.5864	0.0092	0.0759	0.00065	0.45272	468.4	5.9	471.6	3.9	472	33	471.6	3.9	-0.7	Core
SFB08_69	327	27.6	0.507	0.011	0.0665	0.0012	0.73467	416.6	7.6	415.2	7.2	418	42	415.2	7.2	0.3	Rim
SFB08_69	150.6	5.35	0.7274	0.0078	0.09091	0.00088	0.31044	554.9	4.6	560.9	5.2	539	28	560.9	5.2	-1.1	Core
SFB08_71	725	14.6	0.972	0.075	0.1058	0.0035	0.94325	686	38	648	20	856	95	648.0	20.0	5.5	Rim
SFB08_71	313	1.141	12.042	0.08	0.4865	0.003	0.72561	2608	6.2	2555	13	2646.8	8.9	2646.8	8.9	3.5	Core
SFB08_72	258	46.7	0.3821	0.0058	0.05178	0.00057	0.30572	329.5	4.6	325.4	3.5	346	35	325.4	3.5	1.2	Rim
SFB08_72	127.9	7.99	0.704	0.01	0.0881	0.0011	0.31511	540.8	6	544.2	6.7	526	35	544.2	6.7	-0.6	Core
SFB08_73	980	1.1671	0.3443	0.0023	0.04691	0.00024	0.55503	300.4	1.7	295.5	1.5	328	13	295.5	1.5	1.6	Single Age
SFB08_74	194	1.82	0.3928	0.0038	0.05393	0.00031	0.002519	336.4	2.7	338.9	2	307	26	338.9	2.0	-0.7	Single Age
SFB08_76	1191	2.405	0.3241	0.0024	0.04443	0.00029	0.35084	285	1.8	280.2	1.8	329	16	280.2	1.8	1.7	Single Age
SFB08_77	279	1.545	0.5432	0.0069	0.05674	0.00048	0.099148	440.4	4.5	355.8	2.9	911	24	DISC	DISC	19.2	Single Age
SFB08_78	481	1.53	0.3314	0.0059	0.04508	0.00065	0.81648	290.5	4.5	284.2	4	345	23	284.2	4.0	2.2	Single Age
SFB08_79	107.1	1.818	0.3321	0.0069	0.0454	0.00048	0.32289	291	5.2	286.6	2.9	362	43	286.6	2.9	1.5	Single Age
SFB08_80	1118	2.421	0.315	0.0029	0.04229	0.00027	0.57923	278	2.2	267	1.6	368	15	267.0	1.6	4.0	Single Age
SFB08_81	221.3	2.528	2.802	0.082	0.2319	0.003	0.14415	1355	21	1344	15	1367	46	1367.0	46.0	1.7	Single Age
SFB08_82	826	3.14	0.3324	0.0028	0.04604	0.00035	0.75611	291.4	2.1	290.1	2.1	310	14	290.1	2.1	0.4	Single Age

SFB08_83	216	1.318	0.3577	0.0034	0.04979	0.0004	0.4504	310.8	2.6	313.2	2.5	305	24	313.2	2.5	-0.8	Single Age
SFB08_84	528	109	0.3402	0.0092	0.04681	0.00094	0.6435	297.3	7	294.9	5.8	305	46	294.9	5.8	0.8	Rim
SFB08_84	67.9	1.826	1.91	0.023	0.1845	0.0016	0.67953	1084	8	1091.5	8.9	1066	18	1066.0	18.0	-2.4	Core
SFB08_85	2230	4.37	0.3289	0.0022	0.04493	0.00035	0.74702	288.7	1.7	283.3	2.1	339	11	283.3	2.1	1.9	Single Age
SFB08_86	350	2.237	0.3806	0.0037	0.05032	0.00037	0.41058	327.5	2.7	316.5	2.3	416	22	316.5	2.3	3.4	Single Age
SFB08_87	391	2.066	0.3497	0.0047	0.04771	0.00056	0.69761	304.4	3.6	300.4	3.5	327	23	300.4	3.5	1.3	Single Age
SFB08_88	195.4	0.869	0.8766	0.008	0.10281	0.00068	0.32992	639	4.3	630.9	4	663	21	630.9	4.0	1.3	Single Age
SFB08_89	796	2.558	0.336	0.0028	0.04585	0.0003	0.59702	294.1	2.1	289	1.9	346	14	289.0	1.9	1.7	Single Age
SFB08_90	517	1.179	0.3257	0.0025	0.04493	0.00032	0.41861	286.2	1.9	283.3	2	332	16	283.3	2.0	1.0	Single Age
SFB08_92	1910	2.705	0.2547	0.0058	0.03515	0.0008	0.95522	230.3	4.7	222.7	5	304	18	222.7	5.0	3.3	Single Age
SFB08_93	287	0.889	0.2728	0.0049	0.03893	0.00063	0.52828	244.7	3.9	246.2	3.9	228	31	246.2	3.9	-0.6	Single Age
SFB08_94	248	5.38	0.752	0.018	0.0831	0.0014	0.80539	569	11	514.8	8.1	804	30	514.8	8.1	9.5	Single Age
SFB08_96	228	1.008	0.8515	0.0063	0.09992	0.00083	0.46441	625.4	3.5	613.9	4.9	660	20	613.9	4.9	1.8	Single Age
SFB08_97	260.8	4.83	0.8106	0.0086	0.09805	0.00094	0.43106	602.7	4.8	603	5.5	601	23	603.0	5.5	0.0	Rim
SFB08_97	192.7	5.81	0.87	0.013	0.10415	0.00085	0.47701	637	7.8	638.7	4.9	607	30	638.7	4.9	-0.3	Core
SFB08_99	579	1.352	0.3182	0.0023	0.04361	0.00041	0.57483	280.5	1.7	275.2	2.5	298	20	275.2	2.5	1.9	Single Age
SFB08_100	208	1.11	0.5444	0.0058	0.07004	0.0006	0.40977	441.2	3.8	436.4	3.6	474	24	436.4	3.6	1.1	Single Age
SFB08_101	3060	2.929	0.208	0.015	0.0269	0.0022	0.98449	190	13	171	14	456	25	DISC	DISC	10.0	Single Age
SFB08_102	238	5.28	0.6239	0.0056	0.07928	0.00049	0.3571	492.2	3.5	491.8	2.9	489	20	491.8	2.9	0.1	Single Age
SFB08_103	787	1.97	0.3334	0.0036	0.0441	0.00038	0.041303	292.1	2.8	278.2	2.4	395	27	278.2	2.4	4.8	Single Age
SFB08_104	925	1.953	0.3139	0.0034	0.04219	0.0003	0.1988	277.2	2.6	266.4	1.9	358	21	266.4	1.9	3.9	Single Age
SFB08_105	1791	1.4	0.3252	0.0043	0.04207	0.00046	0.78128	286.2	3.4	265.6	2.8	461	19	265.6	2.8	7.2	Single Age
SFB08_108	2415	7.41	0.274	0.011	0.0372	0.0011	0.7338	246.1	8.9	235.5	6.9	344	49	235.5	6.9	4.3	Rim
SFB08_108	206	1.697	0.3943	0.0092	0.05071	0.00066	0.6241	337.2	6.7	318.9	4	455	36	318.9	4.0	5.4	Core
SFB08_109	258.5	3.96	0.629	0.019	0.0666	0.0011	0.4368	495	12	415.5	6.8	898	60	DISC	DISC	16.1	Single Age
SFB08_110	817	2.522	0.3386	0.0035	0.042	0.00056	0.56749	296.1	2.7	265.2	3.4	556	29	DISC	DISC	10.4	Single Age
SFB08_111	191	5.39	0.5766	0.007	0.0742	0.00069	0.57503	462.1	4.5	461.4	4.1	458	21	461.4	4.1	0.2	Single Age
SFB08_112	964	3.361	5.869	0.053	0.3539	0.0036	0.78074	1957	7.9	1953	17	1959	15	1959.0	15.0	0.3	Single Age
SFB08_113	96.9	0.724	1.142	0.012	0.12868	0.00094	0.33302	773.2	5.9	780.3	5.4	777	25	780.3	5.4	-0.9	Single Age
SFB08_114	794.6	2.911	0.3267	0.0024	0.04428	0.00028	0.38045	287	1.9	279.3	1.7	346	18	279.3	1.7	2.7	Single Age
SFB08_115	418	1.194	0.3362	0.0039	0.04656	0.00054	0.7392	294.2	3	293.4	3.3	317	19	293.4	3.3	0.3	Single Age
SFB08_116	239	6.04	2.19	0.014	0.2016	0.0013	0.71283	1178	4.3	1183.6	7.1	1169.6	9.2	1169.6	9.2	-1.2	Single Age
SFB08_117	594	1.86	0.3273	0.0025	0.04472	0.00026	0.38078	287.5	1.9	282	1.6	320	18	282.0	1.6	1.9	Single Age
SFB08_119	309.4	1.938	0.3678	0.004	0.05041	0.00041	0.39527	318	2.9	317	2.5	328	23	317.0	2.5	0.3	Single Age
SFB08_120	1189	2.241	0.3141	0.0029	0.03995	0.00042	0.74177	277.3	2.2	252.5	2.6	496	14	252.5	2.6	8.9	Single Age

Sample Name:	09-SFB-13																
Upper Freshwater Molasse lib (21.5 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
09SFB13_b1	337.00	2.07	0.3363	0.0051	0.04655	0.00055	0.344	294.2	3.8	293.3	3.4	319	33	293.3	3.4	0.3	Single Age
09SFB13_b2	488.00	2.76	0.3556	0.0077	0.04878	0.00048	0.286	308.7	5.7	307	3	338	47	307.0	3.0	0.6	Single Age
09SFB13_b3	81.90	0.95	0.8030	0.0190	0.09770	0.00120	0.259	598	11	600.7	7.1	594	50	600.7	7.1	-0.5	Single Age
09SFB13_b4	343.00	1.13	0.2902	0.0068	0.03370	0.00130	0.588	258.7	5.4	213.8	7.9	634	72	DISC	DISC	17.4	Single Age
09SFB13_b5	186.00	1.64	0.3252	0.0070	0.04560	0.00058	0.310	286.5	5.5	287.4	3.6	283	47	287.4	3.6	-0.3	Single Age
09SFB13_b6	560.00	1.58	0.3401	0.0046	0.04632	0.00053	0.368	297.2	3.5	291.9	3.3	357	29	291.9	3.3	1.8	Single Age
09SFB13_b7	1670.00	9.25	0.2922	0.0069	0.03849	0.00052	0.590	260.2	5.4	243.5	3.2	429	44	243.5	3.2	6.4	Single Age
09SFB13_b8	293.00	1.98	0.3234	0.0048	0.04452	0.00031	0.083	284.5	3.7	280.8	1.9	334	39	280.8	1.9	1.3	Single Age
09SFB13_b9	489.00	1.21	0.3318	0.0030	0.04655	0.00038	0.457	291.2	2.2	293.3	2.4	292	20	293.3	2.4	-0.7	Single Age
09SFB13_b10	1530.00	2.72	0.3377	0.0061	0.04654	0.00081	0.733	295.2	4.7	293.2	5	328	26	293.2	5.0	0.7	Single Age
09SFB13_b11	720.00	0.73	0.3452	0.0062	0.03307	0.00082	0.077	301	4.7	209.7	5.1	1062	59	DISC	DISC	30.3	Single Age
09SFB13_b12	16.78	0.14	1.8090	0.0530	0.04830	0.00140	0.013	1055	21	304	8.8	3259	74	DISC	DISC	71.2	Single Age
09SFB13_b13	423.00	1.46	0.3276	0.0084	0.04413	0.00085	0.120	287.7	6.5	278.4	5.3	278	74	278.4	5.3	3.2	Single Age
09SFB13_b14	526.00	1.59	0.3370	0.0047	0.04677	0.00057	0.652	294.8	3.5	294.7	3.5	291	24	294.7	3.5	0.0	Single Age
09SFB13_b15	289.00	1.69	0.3415	0.0046	0.04790	0.00044	0.266	298.2	3.5	301.6	2.7	273	29	301.6	2.7	-1.1	Single Age
09SFB13_b16	325.00	1.84	0.7690	0.0110	0.09330	0.00120	0.729	580.5	6.2	575	6.8	612	21	575.0	6.8	0.9	Single Age
09SFB13_b17	1480.00	3.11	0.3430	0.0120	0.04610	0.00120	0.373	299.6	8.8	290.8	7.3	356	64	290.8	7.3	2.9	Single Age
09SFB13_b18	384.00	2.56	0.3441	0.0045	0.04692	0.00046	0.414	300.7	3.5	295.6	2.8	339	28	295.6	2.8	1.7	Single Age
09SFB13_b19	294.00	1.63	0.3574	0.0062	0.04897	0.00065	0.345	310.1	4.6	308.2	4	322	35	308.2	4.0	0.6	Single Age
09SFB13_b20	661.00	2.30	0.3355	0.0037	0.04701	0.00047	0.641	294.1	2.9	296.1	2.9	293	24	296.1	2.9	-0.7	Single Age
09SFB13_b21	1084.00	1.21	0.2781	0.0058	0.03530	0.00080	0.522	249	4.6	223.6	5	465	44	DISC	DISC	10.2	Single Age
09SFB13_b22	126.60	1.75	0.3104	0.0057	0.04337	0.00051	0.205	274.3	4.4	273.7	3.1	281	42	273.7	3.1	0.2	Single Age
09SFB13_b23	360.00	2.15	0.5740	0.0460	0.04655	0.00061	0.602	455	29	293.3	3.8	1330	140	DISC	DISC	35.5	Single Age
09SFB13_b24	672.00	1.48	0.3359	0.0043	0.04641	0.00040	0.140	294	3.3	292.4	2.4	302	25	292.4	2.4	0.5	Single Age
09SFB13_b26	666.00	1.69	0.3426	0.0037	0.04710	0.00044	0.681	299.1	2.8	296.7	2.7	333	23	296.7	2.7	0.8	Single Age
09SFB13_b27	196.00	2.12	0.3289	0.0048	0.04671	0.00044	0.310	288.6	3.6	294.3	2.7	242	34	294.3	2.7	-2.0	Single Age
09SFB13_b28	241.00	2.16	0.3170	0.0059	0.04371	0.00044	0.234	279.5	4.6	275.8	2.7	303	42	275.8	2.7	1.3	Single Age
09SFB13_b29	922.00	4.41	0.3288	0.0061	0.04423	0.00078	0.613	288.5	4.7	279	4.8	381	37	279.0	4.8	3.3	Single Age
09SFB13_b30	369.00	1.79	0.3311	0.0042	0.04637	0.00051	0.540	290.3	3.2	292.2	3.1	280	28	292.2	3.1	-0.7	Single Age
09SFB13_b31	187.50	1.96	0.8500	0.0100	0.10110	0.00120	0.463	625.6	5.5	621.7	6.7	627	26	621.7	6.7	0.6	Single Age
09SFB13_b32	473.00	1.84	0.3384	0.0047	0.04647	0.00051	0.560	295.8	3.6	292.8	3.2	326	29	292.8	3.2	1.0	Single Age
09SFB13_b33	375.00	7.91	0.5814	0.0056	0.07467	0.00076	0.522	465.3	3.6	464.2	4.5	455	21	464.2	4.5	0.2	Single Age
09SFB13_b34	963.00	1.53	0.3383	0.0042	0.04681	0.00048	0.593	295.8	3.2	294.9	3	301	22	294.9	3.0	0.3	Single Age
09SFB13_b35	516.00	1.86	0.3318	0.0054	0.04573	0.00060	0.283	290.9	4.1	288.2	3.7	324	38	288.2	3.7	0.9	Single Age
09SFB13_b36	1077.00	3.49	0.3332	0.0038	0.04614	0.00051	0.648	291.9	2.9	290.8	3.1	315	21	290.8	3.1	0.4	Single Age
09SFB13_b37	1535.00	1.90	0.3570	0.0120	0.03890	0.00160	0.790	310	9.3	246	9.9	826	51	DISC	DISC	20.6	Single Age
09SFB13_b38	237.00	1.31	0.3259	0.0044	0.04512	0.00043	0.119	286.3	3.4	284.5	2.6	288	37	284.5	2.6	0.6	Single Age
09SFB13_b39	969.00	5.00	0.3449	0.0058	0.04740	0.00057	0.214	300.8	4.4	298.6	3.5	339	43	298.6	3.5	0.7	Rim
09SFB13_b39	183.70	3.77	1.5060	0.0240	0.15290	0.00180	0.462	935	10	917	10	950	32	950.0	32.0	3.5	Core
09SFB13_b40	680.00	28.70	0.3728	0.0068	0.05066	0.00086	0.427	321.6	5	318.5	5.3	342	40	318.5	5.3	1.0	Rim
09SFB13_b40	262.00	3.36	0.7340	0.0110	0.09055	0.00099	0.393	558.9	6.3	558.8	5.9	565	29	558.8	5.9	0.0	Core
09SFB13_b41	774.00	2.24	0.3589	0.0047	0.04707	0.00069	0.627	311.3	3.5	296.5	4.3	432	29	296.5	4.3	4.8	Single Age
09SFB13-1	960	2.85	0.3302	0.0099	0.046	0.0015	0.74357	289.5	7.6	290.1	9.5	330	30	290.1	9.5	-0.2	Single Age
09SFB13-2	404	3.936	0.3526	0.0079	0.0482	0.0012	0.7317	306.3	5.9	303.4	7.2	363	20	303.4	7.2	0.9	Single Age
09SFB13-3	1109	3.59	0.3409	0.007	0.0472	0.0012	0.76307	297.6	5.2	297.2	7.2	316	18	297.2	7.2	0.1	Single Age
09SFB13-4	166.3	2.066	0.328	0.01	0.0452	0.0011	0.57693	287.6	7.7	284.8	7.0	308	29	284.8	7.0	1.0	Single Age
09SFB13-5	477	4.203	0.3384	0.0069	0.0467	0.001	0.67007	295.7	5.2	294.3	6.4	299	21	294.3	6.4	0.5	Single Age
09SFB13-6	417	1.829	0.4135	0.009	0.0556	0.0013	0.65732	351.8	6.4	348.9	8.2	387	21	348.9	8.2	0.8	Single Age
09SFB13-7	353.2	1.99	0.3238	0.0086	0.045	0.0012	0.67901	284.4	6.6	283.8	7.7	299	28	283.8	7.7	0.2	Single Age
09SFB13-8	73.2	3.118	0.314	0.012	0.0444	0.0012	0.42021	279.0	8.7	279.7	7.2	295	46	279.7	7.2	-0.3	Single Age
09SFB13-9	133.8	2.288	0.3299	0.0098	0.0446	0.0012	0.40747	289.0	7.5	281.4	7.1	356	38	281.4	7.1	2.6	Single Age
09SFB13-10	2030	5.43	0.3265	0.0072	0.0454	0.0011	0.85241	286.6	5.5	286.2	6.8	311	15	286.2	6.8	0.1	Single Age
09SFB13-11	329.2	3.631	0.3356	0.0079	0.0463	0.0011	0.72713	294.3	5.9	291.4	6.8	349	18	291.4	6.8	1.0	Single Age
09SFB13-12	515	3.293	0.3189	0.008	0.0459	0.0014	0.61217	280.9	6.2	289.4	8.7	248	30	289.4	8.7	-3.0	Single Age
09SFB13-13	470	5.44	0.3406	0.0076	0.0465	0.0012	0.65748	298.0	5.7	293.1	7.2	348	25	293.1	7.2	1.6	Single Age
09SFB13-14	419	2.875	0.91	0.024	0.1071	0.0028	0.77002	656.0	12.0	656.0	16.0	689	21	656.0	16.0	0.0	Single Age
09SFB13-15	118	3.932	0.339	0.011	0.0473	0.0011	0.40096	296.5	8.3	298.1	7.0	306	37	298.1	7.0	-0.5	Single Age
09SFB13-16	586	3.54	0.3322	0.0072	0.0464	0.0013	0.73692	291.7	5.7	292.1	7.8	321	18	292.1	7.8	-0.1	Single Age
09SFB13-17	277	2.224	1.725	0.042	0.1671	0.0053	0.78329	1017.0	15.0	1000.0	28.0	1062	19	1062.0	19.0	5.8	Single Age
09SFB13-18	98.5	3.496	0.322	0.01	0.0457	0.0012	0.52655	284.2	8.0	288.1	7.5	290	36	288.1	7.5	-1.4	Single Age
09SFB13-19	556	1.993	0.3317	0.0089	0.0453	0.001	0.73298	291.4	6.6	285.3	6.5	328	19	285.3	6.5	2.1	Single Age
09SFB13-20	798	2.358	0.3329	0.0066	0.0462	0.001	0.77865	291.5	5.0	290.9	6.4	310	16	290.9	6.4	0.2	Single Age
09SFB13-21	1100	3.66	0.3431	0.0083	0.0472	0.0011	0.77693	299.1	6.2	297.5	7.0	298	18	297.5	7.0	0.5	Single Age
09SFB13-22	117.1	2.444	0.321	0.01	0.0458	0.0012	0.6575	282.0	7.9	288.3	7.4	260	32	288.3	7.4	-2.2	Single Age
09SFB13-23	351	2.787	0.3333	0.0074	0.0469	0.0012	0.59911	292.5	5.5	295.1	7.1	275	27	295.1	7.1	-0.9	Single Age
09SFB13-24	343	3.74	0.3455	0.0083	0.0475	0.0012	0.66403	301.0	6.2	299.0	7.5	316	25	299.0	7.5	0.7	Single Age
09SFB13-25	489	1.786	0.3176	0.0073	0.04411	0.00095	0.61579	279.8	5.6	278.2	5.9	316	23	278.2	5.9	0.6	Single Age
09SFB13-26	250.5	2.859	0.3316	0.0091	0.046	0.0011	0.53881	290.4	6.9	289.8	6.8	307	32	289.8	6.8	0.2	Single Age
09SFB13-27	1181	4.766	0.3367	0.0067	0.0467	0.001	0.82208	294.4	5.0	294.4	6.2	315	15	294.4	6.2	0.0	Single Age

09SFB13-28	160	5.309	0.3286	0.0094	0.0453	0.0012	0.51673	289.0	7.3	285.5	7.2	333	32	285.5	7.2	1.2	Single Age
09SFB13-29	218	2.23	0.3298	0.0094	0.0452	0.0011	0.49995	289.8	7.0	285.2	6.6	347	34	285.2	6.6	1.6	Single Age
09SFB13-30	477	2.09	0.325	0.0072	0.0452	0.0011	0.64761	285.5	5.5	285.1	6.9	313	25	285.1	6.9	0.1	Single Age
09SFB13-31	1737	3.96	0.407	0.012	0.053	0.0018	0.82329	346.2	8.8	334.0	11.0	436	24	334.0	11.0	3.5	Single Age
09SFB13-32	858	2.172	0.3197	0.0064	0.0444	0.0011	0.74698	281.5	4.9	280.6	6.6	306	16	280.6	6.6	0.3	Single Age
09SFB13-33	121	3.63	0.3131	0.0098	0.0435	0.0011	0.50633	276.0	7.5	274.4	7.1	294	34	274.4	7.1	0.6	Single Age
09SFB13-34	577	2.978	0.3339	0.0076	0.046	0.001	0.72955	292.2	5.8	289.8	6.2	292	18	289.8	6.2	0.8	Single Age
09SFB13-35	32.8	5.26	0.329	0.02	0.0441	0.0012	0.36373	288.0	16.0	277.8	7.5	478	54	277.8	7.5	3.5	Single Age
09SFB13-36	153.3	1.881	0.325	0.01	0.0444	0.0011	0.45463	285.8	8.1	280.0	7.0	325	35	280.0	7.0	2.0	Single Age
09SFB13-37	105.2	1.957	0.317	0.0096	0.0448	0.0011	0.39505	280.9	7.4	282.5	6.5	293	32	282.5	6.5	-0.6	Single Age
09SFB13-38	623	3.91	0.3218	0.0076	0.0445	0.001	0.80558	283.0	5.8	280.3	6.2	309	17	280.3	6.2	1.0	Single Age
09SFB13-39	611	1.789	0.3292	0.0076	0.0457	0.0012	0.8237	288.6	5.8	287.9	7.3	304	17	287.9	7.3	0.2	Single Age
09SFB13-40	347.7	3.89	0.3221	0.0074	0.0455	0.0012	0.71674	283.2	5.7	287.0	7.6	278	25	287.0	7.6	-1.3	Single Age
09SFB13-41	644	2.653	0.3476	0.0089	0.048	0.001	0.79302	302.5	6.7	301.9	6.2	305	16	301.9	6.2	0.2	Single Age
09SFB13-42	118.4	1.38	0.322	0.01	0.0454	0.0011	0.46126	283.6	7.8	285.8	6.7	300	33	285.8	6.7	-0.8	Single Age
09SFB13-43	315	2.579	0.3312	0.0087	0.0468	0.0013	0.69989	290.1	6.6	294.6	7.9	252	22	294.6	7.9	-1.6	Single Age
09SFB13-44	389	3.593	0.3327	0.0078	0.046	0.0011	0.74363	291.3	5.9	290.5	6.7	292	13	290.5	6.7	0.3	Single Age
09SFB13-45	1190	3.08	0.3448	0.0072	0.0472	0.0012	0.804	300.5	5.4	297.2	7.3	319	19	297.2	7.3	1.1	Single Age
09SFB13-46	212	1.995	0.3107	0.0078	0.0441	0.0011	0.66065	275.1	5.9	278.2	6.9	238	21	278.2	6.9	-1.1	Single Age
09SFB13-47	652	1.872	0.3358	0.0066	0.0467	0.0011	0.717	293.8	5.0	293.9	6.5	299	23	293.9	6.5	0.0	Single Age
09SFB13-48	288.9	2.133	0.327	0.0084	0.0451	0.0011	0.69584	287.7	6.5	284.1	6.7	304	27	284.1	6.7	1.3	Single Age
09SFB13-49	191	2.243	0.869	0.021	0.1026	0.0026	0.82139	634.0	11.0	629.0	15.0	641	20	629.0	15.0	0.8	Single Age
09SFB13-50	516	2.665	0.3268	0.0089	0.0461	0.0013	0.71175	286.7	6.8	290.2	7.7	287	26	290.2	7.7	-1.2	Single Age
09SFB13-51	200.3	2.156	0.3263	0.0084	0.0452	0.0012	0.71317	286.3	6.5	285.0	7.2	320	26	285.0	7.2	0.5	Single Age
09SFB13-52	177.4	1.639	0.3198	0.0088	0.0446	0.0012	0.57439	282.3	7.0	281.2	7.3	303	29	281.2	7.3	0.4	Single Age
09SFB13-53	224	5	0.556	0.013	0.0727	0.0016	0.64704	448.4	8.3	452.5	9.8	424	21	452.5	9.8	-0.9	Single Age
09SFB13-54	362	8.02	0.595	0.017	0.0761	0.0019	0.59695	473.0	11.0	473.0	12.0	484	23	473.0	12.0	0.0	Single Age
09SFB13-55	451.7	2.277	0.3382	0.0089	0.0461	0.001	0.61587	295.4	6.7	290.4	6.3	343	24	290.4	6.3	1.7	Single Age
09SFB13-56	968	5.798	0.3502	0.0073	0.0479	0.0012	0.83449	304.6	5.5	301.3	7.4	323	16	301.3	7.4	1.1	Single Age
09SFB13-57	296	1.533	1.043	0.03	0.1179	0.0032	0.8613	724.0	15.0	718.0	19.0	738	16	718.0	19.0	0.8	Single Age
09SFB13-58	858	2.42	0.3214	0.0073	0.0438	0.0011	0.67074	282.7	5.6	276.1	7.0	355	17	276.1	7.0	2.3	Single Age
09SFB13-59	486	3.45	0.333	0.011	0.0463	0.0018	0.61228	291.6	8.7	292.0	11.0	287	42	292.0	11.0	-0.1	Single Age
09SFB13-60	153	3.178	0.3397	0.0098	0.0467	0.0013	0.52221	296.5	7.4	294.4	8.0	337	34	294.4	8.0	0.7	Single Age
09SFB13-61	1477	3.35	0.335	0.0074	0.0458	0.0012	0.79721	293.1	5.6	288.4	7.1	335	16	288.4	7.1	1.6	Single Age
09SFB13-62	1500	4.413	0.3496	0.0075	0.0479	0.0012	0.81231	305.6	5.6	301.5	7.1	351	17	301.5	7.1	1.3	Single Age
09SFB13-63	350	3.99	0.3448	0.0096	0.0477	0.0012	0.62968	301.3	7.4	300.4	7.6	309	24	300.4	7.6	0.3	Single Age
09SFB13-64	771	17.83	0.3295	0.0079	0.0466	0.0012	0.75425	288.9	6.0	293.6	7.3	264	20	293.6	7.3	-1.6	Single Age
09SFB13-65	416	1.026	0.3324	0.009	0.0446	0.0011	0.59681	291.0	6.8	281.0	6.7	374	31	281.0	6.7	3.4	Single Age
09SFB13-66	883	2.23	0.3405	0.0086	0.0463	0.0012	0.7837	297.2	6.5	291.5	7.5	361	20	291.5	7.5	1.9	Single Age
09SFB13-67	542	2.787	0.404	0.016	0.0442	0.0015	0.34199	344.0	11.0	280.3	9.6	853	80	DISC	DISC	18.5	Single Age
09SFB13-68	724	2.79	0.2682	0.007	0.0398	0.0012	0.73412	241.1	5.6	251.6	7.7	273	25	251.6	7.7	-4.4	Single Age
09SFB13-69	634	3.234	0.3383	0.0072	0.0464	0.0011	0.60628	295.6	5.5	292.4	7.1	327	20	292.4	7.1	1.1	Single Age
09SFB13-70	1470	25.54	0.555	0.018	0.0717	0.0027	0.85071	448.0	11.0	446.0	16.0	452	22	446.0	16.0	0.4	Single Age
09SFB13-71	501	3.449	0.3447	0.0076	0.0474	0.0011	0.7255	301.1	5.8	298.4	6.8	341	19	298.4	6.8	0.9	Single Age
09SFB13-72	513	1.921	0.3507	0.0091	0.0481	0.0012	0.67519	304.9	6.8	303.0	7.4	329	26	303.0	7.4	0.6	Single Age
09SFB13-73	268.1	4.57	0.335	0.008	0.0469	0.0012	0.65825	293.1	6.1	295.4	7.4	308	26	295.4	7.4	-0.8	Single Age
09SFB13-74	517	3.37	0.3435	0.0088	0.0487	0.0012	0.75063	299.4	6.7	306.4	7.3	257	17	306.4	7.3	-2.3	Single Age
09SFB13-75	145.9	1.59	0.584	0.017	0.0735	0.002	0.59361	466.0	11.0	458.0	12.0	470	28	458.0	12.0	1.7	Single Age
09SFB13-76	539	1.316	0.3388	0.0088	0.0455	0.0012	0.71262	297.4	6.9	286.8	7.5	359	24	286.8	7.5	3.6	Single Age
09SFB13-77	93.1	2.262	0.327	0.013	0.0446	0.0012	0.55126	286.0	10.0	281.2	7.7	359	40	281.2	7.7	1.7	Single Age
09SFB13-78	165.2	3.451	0.58	0.017	0.0738	0.002	0.73224	465.0	11.0	459.0	12.0	477	20	459.0	12.0	1.3	Single Age
09SFB13-79	243	2.215	0.3244	0.0092	0.04487	0.00099	0.69059	284.8	7.1	282.9	6.1	283	23	282.9	6.1	0.7	Single Age
09SFB13-80	211	1.41	0.907	0.023	0.1069	0.0027	0.77471	656.0	13.0	655.0	16.0	664	16	655.0	16.0	0.2	Single Age
09SFB13-81	422	3.297	0.337	0.0083	0.0469	0.0012	0.66835	294.5	6.3	295.3	7.4	324	18	295.3	7.4	-0.3	Single Age
09SFB13-82	728	2.08	0.3315	0.007	0.0452	0.0012	0.74577	290.4	5.3	284.7	7.1	350	19	284.7	7.1	2.0	Single Age
09SFB13-83	469	3.382	0.3433	0.009	0.0483	0.0013	0.72523	300.1	6.7	303.7	8.2	290	24	303.7	8.2	-1.2	Single Age
09SFB13-84	189.6	2.935	0.906	0.022	0.1055	0.003	0.76254	654.0	12.0	646.0	17.0	683	20	646.0	17.0	1.2	Single Age
09SFB13-85	174.8	0.583	0.304	0.011	0.0422	0.001	0.56765	268.7	8.4	266.2	6.3	273	27	266.2	6.3	0.9	Single Age
09SFB13-86	87.1	2.87	0.336	0.011	0.0465	0.0013	0.48523	293.3	8.7	292.8	8.3	343	42	292.8	8.3	0.2	Single Age
09SFB13-87	270.3	1.848	0.327	0.013	0.045	0.0014	0.53775	286.6	9.7	283.4	8.6	286	42	283.4	8.6	1.1	Single Age
09SFB13-88	390	3.552	0.795	0.019	0.0961	0.0028	0.83348	593.0	10.0	591.0	16.0	608	14	591.0	16.0	0.3	Single Age
09SFB13-89	345	3.217	0.3334	0.0093	0.0467	0.0012	0.68385	291.7	7.0	294.4	7.4	300	22	294.4	7.4	-0.9	Single Age
09SFB13-90	516	2.828	0.3363	0.0083	0.0456	0.0012	0.63916	294.1	6.3	287.1	7.6	369	29	287.1	7.6	2.4	Single Age
09SFB13-91	148	3.2	0.346	0.014	0.0486	0.0014	0.59497	301.0	11.0	306.0	8.9	323	38	306.0	8.9	-1.7	Single Age
09SFB13-92	120.7	3.273	0.321	0.01	0.0455	0.0014	0.4961	282.4	7.7	287.6	8.5	246	25	287.6	8.5	-1.8	Single Age
09SFB13-93	262.5	1.99	0.3315	0.0091	0.0452	0.0011	0.63632	291.1	6.8	284.9	6.7	310	24	284.9	6.7	2.1	Single Age
09SFB13-94	415	1.77	0.3456	0.0083	0.0473	0.0014	0.71052	301.1	6.3	297.6	8.5	352	25	297.6	8.5	1.2	Single Age
09SFB13-95	1012	2.182	0.3273	0.0072	0.0449	0.001	0.77983	287.2	5.5	283.2	6.4	323	19	283.2	6.4	1.4	Single Age
09SFB13-96	22.9	2.977	3.89	0.12	0.0726	0.0021	0.59876	1613.0	25.0	451.0	13.0	3861	25	DISC	DISC	72.0	Single Age
09SFB13-97	255	2.249	0.58	0.017	0.0755	0.0021	0.70933	465.0	11.0	469.0	12.0	464	21	469.0	12.0	-0.9	Single Age
09SFB13-98	641	3.192	0.3488	0.008	0.0472	0.0012	0.80974	303.5	6.1	297.3	7.4	356	16	297.3	7.4	2.0	Single Age
09SFB13-99	615	2.48	0.3368	0.008	0.0472	0.0013	0.75383	294.4	6.1	297.5	7.8	314	19	297.5	7.8	-1.1	Single Age
09SFB13-100	325	3.684	0.3479	0.0094	0.0489	0.0013	0.60785	302.8	7.1	307.7	8.0	293	30	307.7	8.0	-1.6	Single Age
09SFB13-101	336	1.893	0.3223	0.008	0.0447	0.0011	0.64637	283.3	6.1	281.7	6.5	309	27	281.7	6.5	0.6	Single Age
09SFB13-102	328.9	1.444	0.3265	0.0078	0.0457	0.001	0.80314	286.6	6.0	288.0	6.3	261	19	288.0	6.3	-0.5	Single Age
09SFB13-103	533	25.15	0.92	0.018	0.1078	0.0026	0.83486	661.6	9.6	662.0	15.0	662	17	662.0	15.0	-0.1	Single Age
09SFB13-104	92.2	2.589	0.334	0.015	0.0479	0.0014	0.32422	292.0	11.0	301.8	8.5	252	43	301.8	8.5	-3.4	Single Age
09SFB13-105	73.4	2.35	0.437	0.027	0.0465	0.0011	0.46253	367.0	19.0	292.7	6.9	880	100	DISC	DISC	20.2	Single Age
09SFB13-106	160.8	1.458	0.838	0.025	0.0997	0.0029	0.77619	617.0	14.0	612.0	17.0	654	27	612.0	17.0	0.8	Single Age
09SFB13-108	35.2	2.61	0.328	0.02	0.0459	0.0013	0.25492	286.0	15.0	289.2	8.1	415	67	289.2	8.1	-1.1	Single Age
09SFB13-109	656	3.503	0.3592	0.0085	0.0472	0.0011	0.73262	311.3	6.3	297.5	6.9	404	19	297.5	6.9	4.4	Single Age
09SFB13-110	194.1	3.636	0.3223	0.0094	0.04505	0.00098	0.66537	284.2	7.1	284.0	6.0	297	27	284.0	6.0	0.1	Single Age
09SFB13-111	594	2.78	0.3409	0.0079	0.047	0.0011	0.68528	297.5	5.9	296.1	7.0	317	25	296.1	7.0	0.5	Single Age
09SFB13-112	81	1.217	0.716	0.021	0.0887	0.0022	0.54812	548.0	12.0	548.0	13.0	509	33	548.0	13.0	0.0	Single Age
09SFB13-113	577	3.18	0.698	0.025	0.0839	0.0026	0.79582	535.0	15.0	521.0	15.0	617	22	521.0	15.0	2.6	Single Age
09SFB13-114	989	3.535	0.3417	0.0086	0.0473	0.0011	0.7413	298.1	6.5	297.6	6.9	325	15	297.6	6.9	0.2	Single Age
09SFB13-115	289.4	3.15	0.3447	0.0081	0.0471	0.001	0.62609	300.4	6.1	297.7	6.3	339	26	297.7	6.3	0.9	Single Age
09SFB13-116	582	1.558	0.3274	0.0065	0.0449	0.0011	0.68995	287.3	4.9	283.0	6.7	314	20	283.0	6.7	1.5	Single Age
09SFB13-117	428	1.924	0.3326	0.009	0.0469	0.0011	0.29408	291.1	6.9	295.2	7.1	286	28	295.2	7.1	-1.4	Single Age
09SFB13-118	47.7	2.466	0.319	0.016	0.0452	0.0013	0.26695	280.0	12.0	285.0	8.1	349	56	285.0	8.1	-1.8	Single Age
09SFB13-119	741	2.911	0.3391	0.0079	0.0471	0.0011	0.74777	296.1	5.9	296.7	6.8	307	21	296.7	6.8	-0.2	Single Age
09SFB13-120	526	3.979	0.3343	0.0083	0.0472	0.0011	0.73063	292.5	6.3	297.3	6.9	227	21	297.3	6.9	-1.6	Single Age
09SFB13-121	164.4	1.96	10.31	0.23	0.406	0.011	0.72249	2466.0	22.0	2195.0	48.0	2700	20	2700.0	20.0	18.7	Single Age
09SFB13-122	380	2.712	0.3441	0.0098	0.0463	0.0013	0.70181	299.9	7.4	291.5	8.2	381	26	291.5	8.2	2.8	Single Age
09SFB13-123	450	4.26	0.3492	0.009	0.048	0.0013	0.63938	304.5	6.6	302.1	7.8	322	23	302.1	7.8	0.8	Single Age
09SFB13-124	645	2.617	0.3436	0.0078	0.0473	0.0012	0.79991	299.6	5.9	298.0	7.4	307	17	298.0	7.4	0.5	Single Age
09SFB13-125	158.5	1.636	0.323	0.011	0.0453	0.0012	0.65583	287.3	9.0	285.3	7.6	328	30	285.3	7.6	0.7	Single Age
09SFB13-127	1030	5.22	0.3523	0.0099	0.0479	0.0014	0.81089	306.0	7.4	301.6	8.5	335	18	301.6	8.5	1.4	Single Age
09SFB13-128	331	2.319	1.05	0.029	0.1194	0.0028	0.79195	729.0	14.0	732.0	16.0	751	14	732.0	16.0	-0.4	Single Age
09SFB13-129	59.3	3.058	0.335	0.015	0.047	0.0014	0.35698	295.0	11.0	295.9	8.9	347	54	295.9	8.9	-0.3	Single Age
09SFB13-130	640	1.89	0.323	0.0079	0.0442	0.0011	0.77274	285.4	6.1	279.8	7.0	333	21	279.8	7.0	2.0	Single Age
09SFB13-131	336	4.57	0.521	0.011	0.0652	0.0017	0.6353	425.1	7.5	407.0	10.0	537	25	407.0	10.0	4.3	Single Age
09SFB13-132	987	2.369	0.3297	0.0077	0.0461	0.0012	0.84888	289.8	5.7	290.4	7.4	319	16	290.4	7.4	-0.2	Single Age
09SFB13-133	655	4.55	0.3489	0.0077	0.048	0.0012	0.75856	303.5	5.8	303.2	7.2	298	17	303.2	7.2	0.1	Single Age
09SFB13-134	658	3.705	0.3314	0.0078	0.0452	0.0011	0.71274	291.1	6.1	284.9	7.0	360	21	284.9	7.0	2.1	Single Age
09SFB13-135	1264	3.721	0.389	0.011	0.0445	0.0012	0.84365	333.3	7.9	280.5	7.2	723	17	DISC	DISC	15.8	Single Age
09SFB13-136	1113	3.594	0.3426	0.0089	0.0455	0.0013	0.82446	298.8	6.7	286.6	7.9	378	20	286.6	7.9	4.1	Single Age
09SFB13-137	416	7.66	0.576	0.013	0.0751	0.0018	0.6923	461.2	8.3	467.0	11.0	443	22	467.0	11.0	-1.3	Single Age
09SFB13-138	483	4.58	0.3402	0.0082	0.0474	0.0013	0.79299	297.7	6.1	298.4	8.0	306	18	298.4	8.0	-0.2	Single Age

09SFB13-139	561	3.69	0.3372	0.0076	0.0471	0.0012	0.83316	295.5	5.7	296.5	7.5	315	17	296.5	7.5	-0.3	Single Age
09SFB13-140	579	3.327	0.3395	0.0077	0.0459	0.0011	0.70136	296.5	5.9	289.5	6.9	351	19	289.5	6.9	2.4	Single Age

Sample Name:	09-SFB-21																
Lower Freshwater Molasse IIa (22.5 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB21_01	608	2.43	0.3558	0.0037	0.04896	0.00037	0.4273	309	2.7	308.1	2.3	326	12	308.1	2.3	0.3	Single Age
SFB21_03	1333	15.71	0.5608	0.0061	0.07198	0.00071	0.73673	451.9	3.9	448.1	4.3	483	10	448.1	4.3	0.8	Single Age
SFB21_04	159.9	1.947	1.015	0.015	0.115	0.0014	0.81716	710.7	7.7	701.9	8	755	13	701.9	8.0	1.2	Single Age
SFB21_05	1555	43.9	0.8597	0.0051	0.10201	0.00062	0.60619	629.9	2.8	626.2	3.6	645.4	7.9	626.2	3.6	0.6	Single Age
SFB21_06	401	1.49	0.3334	0.0088	0.04613	0.0009	0.46859	292.1	6.7	290.7	5.6	305	30	290.7	5.6	0.5	Single Age
SFB21_07	358	3.24	0.7045	0.0083	0.08866	0.00081	0.53227	541.3	5	547.6	4.8	520	12	547.6	4.8	-1.2	Single Age
SFB21_08	634	1.717	0.8227	0.0093	0.09812	0.00096	0.50725	609.4	5.2	603.3	5.7	650	11	603.3	5.7	1.0	Single Age
SFB21_09	173.5	1.314	0.3198	0.007	0.04425	0.00066	0.16161	281.7	5.4	279.1	4	294	28	279.1	4.0	0.9	Single Age
SFB21_10	314	4.43	0.5906	0.0069	0.07495	0.00068	0.46141	471.7	4.3	465.9	4.1	515	15	465.9	4.1	1.2	Single Age
SFB21_11	104	1.564	0.531	0.013	0.04119	0.00065	0.027195	431.8	8.5	260.2	4	1524	36	DISC	DISC	39.7	Single Age
SFB21_12	449	10.01	0.5498	0.0069	0.07197	0.00072	0.11232	444.7	4.5	448	4.4	433	17	448.0	4.4	-0.7	Single Age
SFB21_13	1018	1.677	0.394	0.012	0.04716	0.00079	0.70271	337	8.9	297.1	4.8	625	34	DISC	DISC	11.8	Single Age
SFB21_14	409	6.73	0.802	0.022	0.0929	0.0015	0.89097	597	12	572.4	8.9	709	31	572.4	8.9	4.1	Single Age
SFB21_16	361	1.354	1.132	0.012	0.12695	0.00096	0.58559	768.5	5.6	770.4	5.5	773	12	770.4	5.5	-0.2	Single Age
SFB21_17	1501	4.46	0.541	0.012	0.0687	0.0013	0.87861	438.9	8.3	428.1	8	503	14	428.1	8.0	2.5	Single Age
SFB21_18	309.1	3.414	0.3513	0.0052	0.04825	0.00038	0.091021	305.6	3.9	303.8	2.3	348	22	303.8	2.3	0.6	Single Age
SFB21_19	856	0.969	1.042	0.067	0.0577	0.0013	-0.62247	716	33	361.3	7.9	2090	160	DISC	DISC	49.5	Single Age
SFB21_20	1990	16.65	0.5328	0.004	0.06435	0.00065	0.61957	433.7	2.7	402	4	608	12	402.0	4.0	7.3	Single Age
SFB21_21	500	3.15	0.3298	0.0035	0.04532	0.00049	0.55138	289.4	2.7	285.7	3	313	13	285.7	3.0	1.3	Single Age
SFB21_22	1545	1.251	0.5392	0.0076	0.06193	0.00054	0.35649	437.7	5	387.4	3.3	718	27	DISC	DISC	11.5	Single Age
SFB21_23	74.4	0.46	0.635	0.06	0.04967	0.00098	0.65327	491	38	312.5	6	1380	180	DISC	DISC	36.4	Single Age
SFB21_24	554	1.96	0.3608	0.0048	0.04851	0.0005	0.38062	312.7	3.5	305.4	3.1	362	22	305.4	3.1	2.3	Single Age
SFB21_25	914	2.01	0.3517	0.0034	0.04813	0.00034	0.14166	306	2.5	303	2.1	327.7	9.1	303.0	2.1	1.0	Single Age
SFB21_26	919	5.73	0.5873	0.0047	0.07533	0.00052	0.546	469.1	3	468.2	3.1	482	8.1	468.2	3.1	0.2	Single Age
SFB21_27	383	0.816	0.5932	0.0065	0.07502	0.00059	0.6293	472.7	4.2	466.3	3.5	495.4	9	466.3	3.5	1.4	Single Age
SFB21_28	610	1.714	0.565	0.0071	0.0714	0.001	0.86766	454.6	4.6	444.5	6.3	504.9	8.6	444.5	6.3	2.2	Single Age
SFB21_29	915	2.831	0.3389	0.0037	0.04664	0.00045	0.8471	296.3	2.8	293.8	2.8	315.2	8	293.8	2.8	0.8	Single Age
SFB21_30	620	7.7	0.693	0.02	0.0885	0.0022	0.95566	533	12	546	13	488.3	9.8	546.0	13.0	-2.4	Single Age
SFB21_31	1094	6.7	0.5843	0.0073	0.07204	0.00092	0.76436	467.8	4.6	448.4	5.5	566	12	448.4	5.5	4.1	Single Age
SFB21_32	694	3.38	0.6064	0.0064	0.07771	0.00069	0.90586	481.1	4.1	482.4	4.1	481.6	9.4	482.4	4.1	-0.3	Single Age
SFB21_33	324	1.71	0.649	0.014	0.079	0.0018	0.82588	506.9	8.7	490	11	589	19	490.0	11.0	3.3	Single Age
SFB21_34	349	3.825	0.998	0.03	0.1133	0.0026	0.95269	703	15	692	15	737	16	692.0	15.0	1.6	Single Age
SFB21_35	149	1.983	0.3392	0.0053	0.04687	0.00049	0.19905	296.4	4.1	295.3	3	328	26	295.3	3.0	0.4	Single Age
SFB21_36	215	4.17	0.591	0.0097	0.07577	0.00061	0.35582	471.2	6.2	470.8	3.6	474	21	470.8	3.6	0.1	Single Age
SFB21_37	250	2.63	0.6489	0.0067	0.08237	0.00067	0.20586	508.1	4.1	510.2	4	504	13	510.2	4.0	-0.4	Single Age
SFB21_38	405	2.84	0.5871	0.0058	0.07587	0.00051	0.25004	468.9	3.7	471.4	3	465	12	471.4	3.0	-0.5	Single Age
SFB21_39	870	2.137	0.3598	0.0032	0.04984	0.00039	0.47772	312	2.4	313.5	2.4	300	12	313.5	2.4	-0.5	Single Age
SFB21_40	852	1.92	4.65	0.14	0.2691	0.0059	0.95684	1761	24	1535	30	2031	22	DISC	DISC	24.4	Single Age
SFB21_41	202	4.49	0.5879	0.0064	0.07526	0.00057	0.1446	469.4	4.1	467.8	3.4	488	16	467.8	3.4	0.3	Single Age
SFB21_42	102.9	0.838	0.583	0.013	0.0715	0.0012	0.12103	466	8.5	445.2	6.9	591	34	445.2	6.9	4.5	Single Age
SFB21_43	808	1.223	0.8211	0.0059	0.09821	0.00078	0.74067	609.1	3.2	603.9	4.6	618.8	8.7	603.9	4.6	0.9	Single Age
SFB21_44	218	1.766	0.3164	0.0061	0.04358	0.0006	0.38309	278.9	4.7	274.9	3.7	303	25	274.9	3.7	1.4	Single Age
SFB21_45	181.3	5.22	0.6831	0.0098	0.0845	0.001	0.51703	528.3	5.9	522.7	6.1	547	15	522.7	6.1	1.1	Single Age
SFB21_46	192	18.1	0.695	0.017	0.0861	0.0016	0.73193	535	10	532	9.2	539	21	532.0	9.2	0.6	Single Age
SFB21_47	25.14	0.411	3.367	0.043	0.2602	0.0032	0.33596	1497	10	1490	16	1493	17	1493.0	17.0	0.2	Single Age
SFB21_48	2267	1.616	0.2259	0.0022	0.03018	0.00029	0.77802	206.8	1.8	191.7	1.8	383.3	9.1	191.7	1.8	7.3	Single Age
SFB21_49	349	4.16	1.85	0.14	0.123	0.0056	0.8629	1060	49	747	32	1774	56	DISC	DISC	29.5	Single Age
SFB21_50	804	9.11	0.71	0.027	0.0834	0.0037	0.84717	544	16	516	22	683	32	516.0	22.0	5.1	Single Age
SFB21_51	366	2.94	0.742	0.013	0.0896	0.0017	0.88677	562.9	7.8	553	9.9	610	11	553.0	9.9	1.8	Single Age
SFB21_52	470	2.076	0.6289	0.0067	0.07881	0.00053	0.29231	495.3	4.2	489	3.2	532	16	489.0	3.2	1.3	Single Age
SFB21_53	396	8.09	0.5528	0.006	0.07106	0.00055	0.62153	446.7	3.9	442.5	3.3	460.7	9.8	442.5	3.3	0.9	Single Age
SFB21_54	408	1.586	0.746	0.013	0.0898	0.0012	0.84847	565.9	7.8	554.4	7.4	622	14	554.4	7.4	2.0	Single Age
SFB21_55	196.7	5.04	3.73	0.24	0.1906	0.0095	0.95955	1568	54	1140	49	2178	49	DISC	DISC	47.7	Single Age
SFB21_56	171.5	0.2736	6.015	0.038	0.3567	0.0023	0.54067	1978	5.5	1966	11	1987.6	5.9	1987.6	5.9	1.1	Single Age
SFB21_57	373	1.598	0.933	0.081	0.0806	0.0025	0.95678	660	42	500	15	1210	110	DISC	DISC	24.2	Single Age
SFB21_58	1394	2.79	0.326	0.0038	0.03187	0.00086	0.20236	286.5	2.9	202.2	5.4	1079	60	DISC	DISC	29.4	Single Age
SFB21_59	168	1.9	0.3356	0.0054	0.04603	0.00043	0.15997	293.7	4.1	290.1	2.6	337	24	290.1	2.6	1.2	Single Age
SFB21_60	123	1.78	0.5914	0.0087	0.07496	0.0007	0.24979	471.5	5.5	465.9	4.2	495	19	465.9	4.2	1.2	Single Age
SFB21_61	211.9	1.931	0.3616	0.0065	0.04761	0.00048	0.14401	313.2	4.8	299.8	3	422	25	299.8	3.0	4.3	Single Age
SFB21_62	325	2.35	0.5722	0.0082	0.07279	0.00084	0.76503	459.3	5.3	452.9	5	491	17	452.9	5.0	1.4	Single Age
SFB21_63	236.8	0.953	0.851	0.018	0.0967	0.0017	0.58705	624.8	9.6	595	10	728	18	595.0	10.0	4.8	Single Age
SFB21_64	289	0.624	0.3872	0.0044	0.05284	0.00045	0.36376	332.2	3.2	332	2.8	330	12	332.0	2.8	0.1	Single Age
SFB21_65	353.3	0.522	0.5736	0.0071	0.07235	0.00073	0.59431	460.7	4.5	450.3	4.4	485	14	450.3	4.4	2.3	Single Age
SFB21_66	210	2.63	1.529	0.017	0.1567	0.0011	0.53578	942.5	6.9	938.2	6.3	952	11	952.0	11.0	1.4	Single Age
SFB21_67	74.9	22.3	0.965	0.023	0.1096	0.0012	0.038801	685	11	670.2	7	702	24	670.2	7.0	2.2	Single Age
SFB21_68	63.5	1.091	0.81	0.027	0.092	0.0012	0.052523	603	15	567.4	7	713	45	567.4	7.0	5.9	Single Age
SFB21_69	492	1.632	1.687	0.021	0.1658	0.0023	0.83057	1003	8	989	13	1043.1	8.3	1043.1	8.3	5.2	Single Age
SFB21_70	130.5	1.521	0.6083	0.0093	0.07484	0.00074	0.30321	482.2	5.9	465.2	4.5	570	28	465.2	4.5	3.5	Single Age
SFB21_71	431	2.86	0.6252	0.0074	0.07879	0.00088	0.53768	493	4.6	488.9	5.3	510	14	488.9	5.3	0.8	Single Age
SFB21_72	1604	2.99	0.3089	0.0052	0.04077	0.00061	0.75589	273.2	4.1	257.6	3.8	404	12	257.6	3.8	5.7	Single Age
SFB21_73	253.6	2.838	0.5715	0.0062	0.07231	0.00056	0.32549	459.4	4.1	450	3.4	501	16	450.0	3.4	2.0	Single Age
SFB21_74	147	2.543	0.929	0.016	0.1077	0.0014	0.5335	666.8	8.6	659.1	8	687	19	659.1	8.0	1.2	Single Age
SFB21_75	1966	1.234	0.2529	0.0041	0.03105	0.00048	0.78919	228.9	3.3	197.1	3	565	16	DISC	DISC	13.9	Single Age
SFB21_76	737	7.6	0.5604	0.0041	0.0722	0.00047	0.34097	452.1	2.6	449.4	2.8	452	11	449.4	2.8	0.6	Single Age
SFB21_77	221	0.31	0.8142	0.0093	0.09698	0.00081	0.68703	604.5	5.2	596.6	4.8	629	12	596.6	4.8	1.3	Single Age
SFB21_78	904	2.06	0.339	0.0038	0.04663	0.00039	0.20431	296.4	2.9	293.8	2.4	303	16	293.8	2.4	0.9	Single Age
SFB21_79	2110	1.91	0.2743	0.006	0.03609	0.00083	0.92162	246	4.7	228.5	5.2	429	13	228.5	5.2	7.1	Single Age
SFB21_80	198.3	1.18	0.831	0.011	0.0996	0.00084	0.38201	613.8	6.2	612	5	614	17	612.0	5.0	0.3	Single Age
SFB21_81	47.8	1.236	5.17	0.19	0.2656	0.0067	0.84533	1857	33	1518	34	2233	27	DISC	DISC	32.0	Single Age
SFB21_82	475.6	6.59	0.474	0.011	0.061	0.0014	0.88596	393.5	7.3	381.8	8.7	483	14	381.8	8.7	3.0	Single Age
SFB21_83	60.4	0.85	1.585	0.018	0.1619	0.0016	0.18495	963.8	7.3	968.2	9.2	950	17	950.0	17.0	-1.9	Single Age
SFB21_84	3120	1.469	0.3866	0.0091	0.03246	0.00087	0.54294	332.8	6.4	205.9	5.4	1432	55	DISC	DISC	38.1	Single Age
SFB21_85	597	12.39	1.786	0.027	0.1697	0.003	0.68387	1040	9.8	1011	16	1103	20	1103.0	20.0	8.3	Rim
SFB21_85	190.7	1.134	2.812	0.03	0.221	0.0023	0.64816	1359	8.1	1287	12	1469.8	8	1469.8	8.0	12.4	Core
SFB21_86	109.5	1.604	14.12	0.14	0.5124	0.006	0.50629	2757	9.5	2666	25	2821.5	9.2	2821.5	9.2	5.5	Single Age
SFB21_87	1353	1.726	0.2993	0.0046	0.04031	0.0005	0.71958	265.8	3.6	254.7	3.1	377	16	254.7	3.1	4.2	Single Age
SFB21_88	162.4	1.886	0.5967	0.009	0.07512	0.0007	0.27357	474.8	5.7	466.9	4.2	506	20	466.9	4.2	1.7	Single Age
SFB21_89	463	12.9	0.561	0.008	0.0719	0.00091	0.65665	452	5.2	447.6	5.5	470	12	447.6	5.5	1.0	Single Age
SFB21_90	522	8.51	0.6123	0.0046	0.07658	0.00079	0.43006	485	2.9	475.6	4.7	511	12	475.6	4.7	1.9	Single Age
SFB21_91	1620	2.515	0.2587	0.003	0.03148	0.00044	0.54482	233.5	2.4	199.8	2.8	579	22	DISC	DISC	14.4	Single Age
SFB21_92	1430	29.3	0.5832	0.0082	0.0746	0.001	0.75968	466.3	5.2	463.8	6.3	477.2	9.3	463.8	6.3	0.5	Single Age
SFB21_93	569.2	0.755	1.339	0.051	0.1364	0.0032	0.64767	860	21	824	18	938	27	824.0	18.0	4.2	Single Age
SFB21_94	544	2.959	9.695	0.093	0.4038	0.0042	0.72305	2407	9.1	2186	19	2593.7	8.5	2593.7	8.5	15.7	Single Age
SFB21_95	619	3.066	0.3447	0.0044	0.04725	0.00037	0.037252	300.6	3.3	297.6	2.3	312	20	297.6	2.3	1.0	Single Age
SFB21_96	426	2.462	1.877	0.012	0.1792	0.001	0.62142	1073	4.3	1062.6	5.5	1083.1	4.8	1083.1	4.8	1.9	Single Age
SFB21_97	1120	2.57	0.3243	0.0065	0.0441	0.0011	0.9007	285	5	278	6.6	345	18	278.0	6.6	2.5	Single Age
SFB21_98	198.4	0.991	0.3273	0.005	0.04587	0.00049	0.5389	287.3	3.9	289.1	3	286	15	289.1	3.0	-0.6	Single Age
SFB21_99	510	6.58	0.662	0.024	0.0805	0.0012	0.88964	514	14	498.8	7.4	589	46	498.8	7.4	3.0	Single Age
SFB21_100	603	10.98	0.5893	0.0051	0.07564	0.00055	0.50917	470.3	3.2	470	3.3	471	8.6	470.0	3.3	0.1	Single Age
SFB21_101	319	1.152	0.3338	0.0043	0.04653	0.00044	0.30467	292.4	3.3	293.2	2.7	293	16	293.2	2.7	-0.3	Single Age
SFB21_102	720	1.916	0.6242	0.0064	0.07901	0.00063	0.22251	492.3	4	490.2	3.8	496	12	490.2	3.8	0.4	Single Age
SFB21_103	264	14.9	0.695	0.014	0.0879	0.0018	0.76443	535.5	8.2	543	11	525	19	543.0	11.0	-1.4	Single Age

SFB21_104	237.4	2.649	0.6012	0.0093	0.07345	0.00079	0.06601	477.7	5.9	457.6	4.9	526	26	457.6	4.9	4.2	Single Age
SFB21_105	426	1.523	0.6251	0.0047	0.07937	0.00048	0.26096	493.3	2.9	492.4	2.9	504	11	492.4	2.9	0.2	Single Age
SFB21_106	582	1.184	0.623	0.015	0.0734	0.00072	0.6871	491.3	9.2	456.6	4.3	675	34	456.6	4.3	7.1	Single Age
SFB21_107	32.9	0.919	0.808	0.028	0.0911	0.0014	0.1184	603	15	562.2	8.1	784	43	562.2	8.1	6.8	Single Age
SFB21_108	597	3.67	0.6817	0.0097	0.07571	0.00065	0.5794	527.6	5.9	470.4	3.9	776	19	DISC	DISC	10.8	Single Age
SFB21_109	577	7.79	0.5824	0.0056	0.07265	0.00055	0.60704	465.9	3.6	452.1	3.3	511	12	452.1	3.3	3.0	Single Age
SFB21_110	471	3.44	0.5972	0.0067	0.07693	0.0008	0.52015	475.3	4.3	477.7	4.8	478	13	477.7	4.8	-0.5	Single Age
SFB21_111	884	1.251	0.5826	0.0063	0.07173	0.00068	0.61717	466.1	4.1	446.6	4.1	550	13	446.6	4.1	4.2	Single Age
SFB21_112	327.2	5.74	0.6113	0.0099	0.07544	0.00099	0.14618	484.2	6.2	468.8	5.9	570	31	468.8	5.9	3.2	Single Age
SFB21_113	246.5	5.69	0.95	0.013	0.1077	0.0012	0.37684	677.8	6.6	659.5	6.9	748	23	659.5	6.9	2.7	Single Age
SFB21_114	1986	2.142	0.321	0.0029	0.04292	0.0004	0.39952	282.6	2.2	270.9	2.5	377	20	270.9	2.5	4.1	Single Age
SFB21_115	987	1.65	0.393	0.008	0.04526	0.00063	0.53958	336.3	5.8	285.3	3.9	706	27	DISC	DISC	15.2	Single Age
SFB21_116	619	1.132	0.5846	0.0049	0.07499	0.00067	0.57021	467.3	3.1	466.1	4	463	9.5	466.1	4.0	0.3	Single Age
SFB21_117	233	10.1	0.585	0.013	0.07371	0.00097	0.41832	467.6	8.3	458.4	5.8	537	27	458.4	5.8	2.0	Single Age
SFB21_118	448	1.481	0.588	0.006	0.07363	0.00045	0.29251	469.4	3.9	458	2.7	522	13	458.0	2.7	2.4	Single Age
SFB21_119	333	14.5	0.61	0.014	0.0764	0.0018	0.62831	482.7	9	475	11	527	25	475.0	11.0	1.6	Single Age
SFB21_120	358	9.41	0.5809	0.0055	0.07428	0.00055	0.48597	464.9	3.6	461.9	3.3	477	12	461.9	3.3	0.6	Single Age

Sample Name:	09-SFB-45																
Lower Freshwater Molasse I (27 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB45_01	171.8	1.36	1.467	0.025	0.1467	0.0021	0.83019	916	10	882	12	978	12	978.0	12.0	9.8	Single Age
SFB45_02	243.9	1.495	0.3632	0.007	0.04945	0.00069	0.5627	315	5.1	311.1	4.3	326	21	311.1	4.3	1.2	Single Age
SFB45_03	393	0.989	0.704	0.016	0.0728	0.0015	0.57099	540.3	8.8	452.7	9.2	931	43	DISC	DISC	16.2	Single Age
SFB45_04	85.4	0.3849	0.858	0.031	0.0875	0.0015	-0.52357	627	17	540.8	8.7	952	94	DISC	DISC	13.7	Single Age
SFB45_05	587	22.5	0.3909	0.0052	0.05302	0.00075	0.57277	335	3.8	333	4.6	345	16	333.0	4.6	0.6	Single Age
SFB45_06	365	1.867	0.652	0.01	0.0807	0.0016	0.69952	509.6	6.4	500.4	9.6	598	30	500.4	9.6	1.8	Single Age
SFB45_08	578	30	0.7052	0.0061	0.08618	0.00082	0.58134	541.8	3.6	532.9	4.8	568	10	532.9	4.8	1.6	Single Age
SFB45_09	203	0.895	0.3767	0.0066	0.05143	0.00048	0.34473	325	5	323.3	3	320	20	323.3	3.0	0.5	Single Age
SFB45_11	74.2	0.511	1.727	0.027	0.1681	0.0015	-0.006653	1018	9.9	1001.3	8.4	1051	24	1051.0	24.0	4.7	Single Age
SFB45_12	939	36.7	0.4093	0.0091	0.05473	0.00087	0.82839	348.2	6.5	343.5	5.3	373	17	343.5	5.3	1.3	Single Age
SFB45_13	429.2	0.97	0.8852	0.0061	0.10449	0.00074	0.47822	643.7	3.3	640.6	4.3	645	10	640.6	4.3	0.5	Single Age
SFB45_14	78.7	0.729	13.784	0.091	0.5351	0.0042	0.5058	2735	6.2	2765	18	2708.4	6.6	2708.4	6.6	-2.1	Single Age
SFB45_15	224.9	1.031	0.6097	0.0088	0.0752	0.00074	0.28411	483.1	5.5	467.4	4.4	552	23	467.4	4.4	3.2	Single Age
SFB45_16	180	1.616	2.368	0.045	0.2077	0.003	0.875	1232	13	1216	16	1243	13	1243.0	13.0	2.2	Single Age
SFB45_17	327	2.31	0.4293	0.007	0.05422	0.0006	0.15926	362.5	5	340.4	3.7	495	34	340.4	3.7	6.1	Single Age
SFB45_18	214	0.9342	2.208	0.017	0.2014	0.0012	0.51179	1183	5.3	1182.5	6.7	1182.7	7.8	1182.7	7.8	0.0	Single Age
SFB45_19	31.7	0.587	1.63	0.035	0.1577	0.0018	-0.12873	982	13	944	9.8	1074	31	1074.0	31.0	12.1	Single Age
SFB45_20	322	1.71	0.6426	0.0088	0.08062	0.00067	0.46405	503.7	5.5	499.8	4	511	14	499.8	4.0	0.8	Single Age
SFB45_21	136	0.518	5.707	0.084	0.3615	0.0054	0.89237	1931	13	1988	25	1863.7	7.6	1863.7	7.6	-6.7	Single Age
SFB45_22	272	0.497	0.8391	0.009	0.09944	0.00095	-0.085796	618.4	5	611.1	5.6	633	12	611.1	5.6	1.2	Single Age
SFB45_23	1027	0.0266	0.778	0.01	0.092	0.0015	0.9276	583.9	5.6	567.1	9.1	657	11	567.1	9.1	2.9	Single Age
SFB45_24	310	1.572	0.796	0.015	0.0926	0.0011	0.21607	594.1	8.4	570.9	6.5	673	25	570.9	6.5	3.9	Single Age
SFB45_25	480	1.495	0.8097	0.0071	0.09772	0.00064	0.47981	602.2	4	601	3.7	590.8	9.7	601.0	3.7	0.2	Single Age
SFB45_26	331	1.61	2.089	0.022	0.1917	0.0023	0.83214	1145	7.2	1130	13	1163.9	8.5	1163.9	8.5	2.9	Single Age
SFB45_27	132.6	0.711	0.937	0.014	0.1097	0.0017	0.63926	670.6	7.5	670.7	9.6	660	19	670.7	9.6	0.0	Single Age
SFB45_28	173	1.398	1.209	0.018	0.1306	0.0012	0.37066	804.2	8.4	791	7	834	20	791.0	7.0	1.6	Single Age
SFB45_29	155.5	2.34	3.468	0.024	0.2672	0.002	0.312	1520	5.4	1526	10	1500	11	1500.0	11.0	-1.7	Single Age
SFB45_30	130.3	1.086	0.888	0.017	0.1007	0.0021	0.71644	644.6	9.3	618	12	744	18	618.0	12.0	4.1	Single Age
SFB45_31	181.7	1.84	7.124	0.048	0.3791	0.0024	0.66869	2127	6	2074	12	2179.7	5.8	2179.7	5.8	4.8	Single Age
SFB45_32	199.4	4.5	0.731	0.022	0.0894	0.0018	0.088762	556	13	552	11	581	23	552.0	11.0	0.7	Single Age
SFB45_33	157.5	0.659	0.2835	0.0057	0.03843	0.0004	0.17132	253.2	4.5	243.1	2.5	347	28	243.1	2.5	4.0	Single Age
SFB45_34	215	0.7408	1.596	0.019	0.1558	0.0012	0.2563	968.2	7.3	933.4	6.5	1033	15	1033.0	15.0	9.6	Single Age
SFB45_35	698	1.22	0.4174	0.0053	0.05451	0.00059	0.010393	354.1	3.8	342.1	3.6	437	28	342.1	3.6	3.4	Single Age
SFB45_36	533	12.2	0.6945	0.0078	0.08607	0.00076	0.64481	536.1	4.8	532.3	4.5	545	10	532.3	4.5	0.7	Single Age
SFB45_37	627	1.537	0.832	0.011	0.0994	0.0014	0.71998	614.3	6	610.6	8.5	634	13	610.6	8.5	0.6	Single Age
SFB45_38	502	1.061	0.2189	0.0037	0.03044	0.00044	-0.021558	200.9	3.1	193.3	2.8	315	24	193.3	2.8	3.8	Single Age
SFB45_39	193	1.19	0.6202	0.0063	0.07938	0.00057	0.14416	489.8	3.9	492.4	3.4	473	15	492.4	3.4	-0.5	Single Age
SFB45_40	279.1	0.789	1.0073	0.0097	0.11424	0.00094	0.36525	707.3	4.9	697.3	5.4	728	12	697.3	5.4	1.4	Single Age
SFB45_41	217.4	0.89	0.762	0.01	0.08924	0.00082	0.43635	574.9	5.8	551	4.9	666	15	551.0	4.9	4.2	Single Age
SFB45_42	901	0.874	0.7543	0.0054	0.08786	0.00056	0.37298	570.6	3.1	542.9	3.3	686	11	542.9	3.3	4.9	Single Age
SFB45_43	66.4	0.95	4.897	0.061	0.3162	0.0025	0.4108	1802	10	1771	12	1835	16	1835.0	16.0	3.5	Single Age
SFB45_44	297.1	1.692	0.3802	0.0053	0.05246	0.00045	-0.034673	327	3.9	329.6	2.7	323	23	329.6	2.7	-0.8	Single Age
SFB45_45	699	0.911	0.4227	0.0067	0.05312	0.00085	0.66061	358.4	4.9	333.6	5.2	516	17	333.6	5.2	6.9	Single Age
SFB45_46	748	1.61	0.582	0.013	0.0504	0.0017	0.47418	467.1	8.4	317	10	1283	54	DISC	DISC	32.1	Single Age
SFB45_47	268	2.246	0.3495	0.0057	0.04699	0.00046	0.055756	304.2	4.3	296	2.9	383	24	296.0	2.9	2.7	Single Age
SFB45_48	226	9	0.53	0.036	0.0672	0.0044	0.88539	431	24	419	26	530	51	419.0	26.0	2.8	Rim
SFB45_48	42.9	0.437	0.894	0.023	0.1028	0.0017	0.1237	647	13	631	10	726	42	631.0	10.0	2.5	Core
SFB45_49	422	1.227	0.4205	0.0064	0.05662	0.00057	0.44019	356.2	4.6	355	3.5	366	20	355.0	3.5	0.3	Single Age
SFB45_50	621	1.992	0.3547	0.0031	0.04863	0.0003	0.31952	308.2	2.3	306.1	1.8	321	10	306.1	1.8	0.7	Single Age
SFB45_51	175.5	5.58	0.614	0.012	0.0735	0.0013	0.37245	486	7.4	456.9	8	610	33	456.9	8.0	6.0	Single Age
SFB45_52	162	1.598	3.066	0.091	0.2265	0.0025	0.34542	1421	22	1316	13	1605	50	1605.0	50.0	18.0	Single Age
SFB45_53	218	1.59	0.794	0.013	0.08781	0.0008	0.19283	593	7.1	542.5	4.8	791	28	542.5	4.8	8.5	Single Age
SFB45_54	239	0.969	0.935	0.027	0.089	0.0023	0.76935	673	15	549	14	1105	24	DISC	DISC	18.4	Single Age
SFB45_55	306	0.8653	0.3743	0.0058	0.05022	0.00053	0.72228	322.7	4.2	315.9	3.2	365	18	315.9	3.2	2.1	Single Age
SFB45_56	319	0.922	0.7124	0.0088	0.08497	0.00081	0.17377	545.9	5.2	525.7	4.8	639	19	525.7	4.8	3.7	Single Age
SFB45_57	326	2.02	0.3562	0.0063	0.04844	0.00052	0.43086	309.2	4.7	304.9	3.2	356	20	304.9	3.2	1.4	Single Age
SFB45_58	144.5	1.399	0.5797	0.0097	0.07258	0.0007	0.25137	463.9	6.2	451.6	4.2	544	22	451.6	4.2	2.7	Single Age
SFB45_59	699.9	1.619	1.074	0.012	0.1151	0.0016	0.69154	740.3	6	702	9.5	863	16	702.0	9.5	5.2	Single Age
SFB45_60	249	1.41	0.3939	0.0072	0.05221	0.0006	0.28668	337.1	5.2	328.1	3.7	424	27	328.1	3.7	2.7	Single Age
SFB45_61	416	15.6	0.498	0.034	0.0641	0.0021	0.66773	410	22	400	13	560	75	400.0	13.0	2.4	Rim
SFB45_61	182	2.259	0.727	0.013	0.0871	0.0013	0.56478	554.5	7.5	538.6	8	635	16	538.6	8.0	2.9	Core
SFB45_62	381	1.652	0.7649	0.0077	0.09382	0.00066	0.50849	576.6	4.4	578	3.9	596	14	578.0	3.9	-0.2	Single Age
SFB45_63	184	1.97	0.672	0.01	0.0775	0.0017	0.37982	521.6	6.4	481	10	713	32	481.0	10.0	7.8	Single Age
SFB45_64	16.1	0.966	1.835	0.098	0.148	0.0041	0.27622	1050	35	889	23	1451	79	DISC	DISC	38.7	Single Age
SFB45_65	382	2.73	0.3658	0.0044	0.04894	0.0004	0.21258	316.5	3.3	308	2.5	387	17	308.0	2.5	2.7	Single Age
SFB45_66	117.6	1.015	0.768	0.011	0.09263	0.00095	0.24859	578.4	6.2	571	5.6	618	22	571.0	5.6	1.3	Single Age
SFB45_67	232	0.414	0.0794	0.0032	0.01059	0.00015	0.17086	77.5	3	67.92	0.95	429	52	DISC	DISC	12.4	Single Age
SFB45_69	144	1.76	0.537	0.012	0.06458	0.00079	0.42558	436.1	8.2	403.4	4.8	627	31	403.4	4.8	7.5	Single Age
SFB45_70	288.8	3.372	0.5395	0.0074	0.06186	0.00068	0.215	437.9	4.9	386.9	4.1	732	17	DISC	DISC	11.6	Single Age
SFB45_71	362	6.43	0.583	0.011	0.07391	0.0009	0.75069	466.8	7.1	459.6	5.4	498	16	459.6	5.4	1.5	Single Age
SFB45_72	57	1.558	2.014	0.029	0.1816	0.0022	0.25322	1120	9.7	1076	12	1210	20	1210.0	20.0	11.1	Single Age
SFB45_73	187.6	0.6618	0.5816	0.0069	0.07298	0.00071	0.31467	465.3	4.4	454	4.3	524	16	454.0	4.3	2.4	Single Age
SFB45_74	191	1.03	0.3799	0.0075	0.04844	0.00052	0.18778	326.7	5.5	304.9	3.2	512	33	304.9	3.2	6.7	Single Age
SFB45_75	177.9	0.927	0.4232	0.0069	0.05439	0.0006	0.22629	358.1	4.9	341.4	3.7	474	24	341.4	3.7	4.7	Single Age
SFB45_76	329	1.534	0.4002	0.0048	0.05435	0.00032	-0.099905	341.6	3.5	341.1	1.9	347	16	341.1	1.9	0.1	Single Age
SFB45_77	338	5.95	0.9033	0.0084	0.10558	0.00069	0.50392	653.3	4.5	647	4	676.5	9.1	647.0	4.0	1.0	Single Age
SFB45_78	80.4	0.6657	0.67	0.012	0.08112	0.00092	-0.044013	520.5	7.5	502.7	5.5	604	29	502.7	5.5	3.4	Single Age
SFB45_79	144.5	1.271	1.073	0.02	0.1178	0.0018	0.7441	741	10	720	10	833	19	720.0	10.0	2.8	Single Age
SFB45_80	512	2.14	0.343	0.0045	0.04708	0.00039	0.61083	299.9	3.5	296.6	2.4	343	12	296.6	2.4	1.1	Single Age
SFB45_81	330	1.333	0.3688	0.0054	0.04996	0.00048	0.18351	318.6	4	314.3	3	364	21	314.3	3.0	1.3	Single Age
SFB45_82	657	1.75	0.4279	0.0099	0.05444	0.0005	0.50427	361.3	7	341.7	3.1	491	39	341.7	3.1	5.4	Single Age
SFB45_85	1.89	-5.21E+04	1.89	0.33	0.0741	0.0062	-0.012782	1020	140	459	37	2920	200	DISC	DISC	55.0	Single Age
SFB45_86	65	1.418	1.546	0.025	0.1573	0.0018	0.12145	948	10	942	10	983	26	983.0	26.0	4.2	Single Age
SFB45_87	60.3	0.4053	0.385	0.011	0.04988	0.00088	-0.053247	330.2	7.9	313.8	5.4	439	41	313.8	5.4	5.0	Single Age
SFB45_88	405	5.38	1.182	0.025	0.1276	0.0019	0.88846	791	11	774	11	842	14	774.0	11.0	2.1	Single Age
SFB45_89	109	0.746	0.809	0.014	0.0953	0.0012	0.5172	601.2	7.9	587	6.9	664	17	587.0	6.9	2.4	Single Age
SFB45_90	125.9	1.434	0.4942	0.0083	0.06377	0.00072	0.10972	407.5	5.7	398.5	4.4	480	24	398.5	4.4	2.2	Single Age

SFB45_91	97.5	0.687	4.5	0.037	0.3067	0.0021	0.40176	1732	6.7	1724	11	1757.2	9.2	1757.2	9.2	1.9	Single Age
SFB45_92	311	1.265	6.62	0.33	0.31	0.013	0.98383	2053	45	1740	62	2397	18	DISC	DISC	27.4	Single Age
SFB45_93	166.4	0.744	0.7914	0.0098	0.0946	0.001	0.40996	591.7	5.5	582.6	5.9	645	17	582.6	5.9	1.5	Single Age
SFB45_94	240	0.902	1.22	0.014	0.1355	0.0018	0.70773	810.3	6.8	819	10	817	13	819.0	10.0	-1.1	Single Age
SFB45_95	54.9	1.073	0.612	0.016	0.0753	0.001	0.25894	487	9.5	468.1	6	576	37	468.1	6.0	3.9	Single Age
SFB45_97	290	1.0237	0.274	0.0061	0.03465	0.00038	0.44611	245.7	4.9	219.6	2.4	521	37	DISC	DISC	10.6	Single Age
SFB45_98	214.2	0.6657	0.7706	0.0087	0.09233	0.00096	0.24468	580.5	4.9	569.3	5.7	641	15	569.3	5.7	1.9	Single Age
SFB45_99	591	0.771	1.755	0.017	0.1615	0.0013	0.59676	1029	6.3	964.8	7.4	1164	12	1164.0	12.0	17.1	Single Age
SFB45_100	403	3.55	2.71	0.17	0.1312	0.0042	0.82297	1316	46	794	24	2320	60	DISC	DISC	39.7	Single Age
SFB45_101	849	1.762	0.3631	0.0052	0.0386	0.0021	0.45941	314.4	3.9	244	13	882	95	DISC	DISC	22.4	Single Age
SFB45_102	1171	18.8	2.112	0.067	0.1944	0.0077	0.7722	1152	22	1145	41	1174	25	1174.0	25.0	2.5	Rim
SFB45_102	254	1.67	2.693	0.03	0.2215	0.0024	0.67584	1326	8.2	1290	13	1388	12	1388.0	12.0	7.1	Core
SFB45_103	348	6.71	3.48	0.25	0.217	0.012	0.98982	1521	53	1271	64	1894	27	DISC	DISC	32.9	Single Age
SFB45_104	120.2	1.12	1.494	0.017	0.1552	0.0011	0.27853	927.3	7	930.1	6.3	942	12	942.0	12.0	1.3	Single Age
SFB45_105	353.6	8.8	0.5843	0.0058	0.0724	0.00058	0.40851	467.1	3.7	450.6	3.5	574	14	450.6	3.5	3.5	Single Age
SFB45_106	258	0.486	10.374	0.066	0.4659	0.0032	0.69167	2469	5.9	2466	14	2472.8	5.2	2472.8	5.2	0.3	Single Age
SFB45_107	609	2.322	3.318	0.02	0.247	0.0018	0.71885	1485	4.6	1423.1	9.5	1576.6	6.1	1576.6	6.1	9.7	Single Age
SFB45_108	186	3.85	0.3762	0.0074	0.04939	0.00076	0.39362	324	5.5	310.8	4.7	445	26	310.8	4.7	4.1	Single Age
SFB45_109	130.3	1.63	1.259	0.026	0.1382	0.0019	0.63936	827	12	834	11	797	17	834.0	11.0	-0.8	Single Age
SFB45_110	399	10.1	0.7455	0.0077	0.09185	0.00088	0.54236	565.4	4.4	566.5	5.2	568	12	566.5	5.2	-0.2	Single Age
SFB45_111	253	1.741	0.3748	0.0055	0.04972	0.00063	0.49095	323.1	4	312.8	3.9	413	18	312.8	3.9	3.2	Single Age
SFB45_112	60.6	0.656	0.638	0.018	0.0797	0.0011	0.16437	500	11	495	6.6	550	34	495.0	6.6	1.0	Single Age
SFB45_113	406	1.86	0.605	0.015	0.0674	0.0014	0.83642	479.8	9.8	420.7	8.4	787	21	DISC	DISC	12.3	Single Age
SFB45_114	386	1.413	0.3324	0.0045	0.04508	0.00036	0.34607	291.3	3.4	284.2	2.2	349	14	284.2	2.2	2.4	Single Age
SFB45_115	101	1.432	0.97	0.013	0.1117	0.0014	0.29914	688.2	6.6	683.4	7.8	723	18	683.4	7.8	0.7	Single Age
SFB45_116	452	1.167	0.768	0.01	0.0798	0.0012	0.46492	578.2	5.8	494.7	7	941	14	DISC	DISC	14.4	Single Age
SFB45_117	350	1.802	0.7328	0.0073	0.08946	0.00078	0.56635	558.1	4.3	552.3	4.6	586.8	9.3	552.3	4.6	1.0	Single Age
SFB45_118	290.9	12.2	0.4498	0.0079	0.0541	0.0011	0.51773	378.2	5.8	339.9	6.8	615	26	DISC	DISC	10.1	Single Age
SFB45_120	188	1.18	0.596	0.018	0.06063	0.00073	0.38979	474	11	379.5	4.4	959	43	DISC	DISC	19.9	Single Age

Sample Name:	09-SFB 10b																
Lower Marine Molasse (32 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
09SFB10b-1	238	2.61	0.369	0.024	0.04903	0.0025	0.16301	317.8	16	308.5	15	392	45	308.5	15.0	2.9	Single Age
09SFB10b-2	151	4.46	0.731	0.023	0.0894	0.0028	0.74161	556.6	13	551.6	16	587	17	551.6	16.0	0.9	Single Age
09SFB10b-3	335	3.85	0.3648	0.02	0.04888	0.0025	0.59376	315.6	15	307.6	15	380	21	307.6	15.0	2.5	Single Age
09SFB10b-4	666	3.24	0.4947	0.02	0.0637	0.0025	0.64549	408.7	13	398	15	477	17	398.0	15.0	2.6	Single Age
09SFB10b-5	421	12.06	0.4917	0.02	0.0626	0.0025	0.57828	405.8	14	391.6	15	463	20	391.6	15.0	3.5	Single Age
09SFB10b-6	942	9.72	0.3603	0.019	0.04897	0.0024	0.57465	312.8	15	308.2	15	347	18	308.2	15.0	1.5	Single Age
09SFB10b-7	299	3.31	2.416	0.073	0.1994	0.0052	0.86069	1249	21	1172	28	1391	20	1391.0	20.0	15.7	Single Age
09SFB10b-8	106	2.66	0.649	0.033	0.0801	0.0036	0.86886	506	21	496	22	585	19	496.0	22.0	2.0	Single Age
09SFB10b-9	870	2.715	0.0428	0.019	0.00588	0.0023	0.079773	42.5	18	37.77	15	328	67	DISC	DISC	11.1	Single Age
09SFB10b-10	442	13.1	0.4417	0.021	0.0571	0.0025	0.73907	371.2	14	357.9	15	465	20	357.9	15.0	3.6	Single Age
09SFB10b-11	313	1.244	0.4302	0.021	0.05466	0.0024	0.51016	363	15	343	15	484	30	343.0	15.0	5.5	Single Age
09SFB10b-12	780	19.9	0.3791	0.019	0.05084	0.0024	0.77788	326.2	14	319.6	15	384	12	319.6	15.0	2.0	Single Age
09SFB10b-13	70.6	2.918	2.645	0.047	0.2146	0.0042	0.51605	1312	13	1259	22	1391	18	1391.0	18.0	9.5	Single Age
09SFB10b-14	75.3	1.192	3.93	0.13	0.2299	0.0064	0.91845	1613	27	1336	34	2005	14	DISC	DISC	33.4	Single Age
09SFB10b-15	62.1	2.72	1.39	0.056	0.0966	0.0027	0.30917	881	23	594.2	16	1710	59	DISC	DISC	32.6	Single Age
09SFB10b-16	1119	7.38	0.432	0.023	0.0476	0.003	0.28466	365	17	299	19	828	87	DISC	DISC	18.1	Single Age
09SFB10b-17	1924	3.7	0.349	0.026	0.04093	0.0024	0.87648	303	19	258.6	15	646	65	DISC	DISC	14.7	Single Age
09SFB10b-18	68.5	3.4	0.776	0.032	0.0945	0.0037	0.77349	583	18	582	22	608	27	582.0	22.0	0.2	Single Age
09SFB10b-19	290	7.4	0.545	0.029	0.0704	0.0033	0.91523	440	19	438	20	467	19	438.0	20.0	0.5	Single Age
09SFB10b-20	440	2.574	0.534	0.025	0.0634	0.0027	0.81803	433	16	396.2	17	634	24	396.2	17.0	8.5	Single Age
09SFB10b-21	298	6.2	0.553	0.024	0.0685	0.0033	0.7314	447	16	427	20	584	30	427.0	20.0	4.5	Single Age
09SFB10b-22	1050	1.462	0.55	0.039	0.0393	0.0032	0.79186	443	25	248	20	1680	77	DISC	DISC	44.0	Single Age
09SFB10b-23	393.4	1.75	0.5423	0.02	0.06981	0.0024	0.33152	439.7	13	435	15	474	24	435.0	15.0	1.1	Single Age
09SFB10b-24	78.4	1.539	11	0.2	0.4515	0.0076	0.75857	2521	17	2401	34	2611	16	2611.0	16.0	8.0	Single Age
09SFB10b-25	94	1.554	0.499	0.029	0.0533	0.0026	-0.31748	409	20	335	16	850	120	DISC	DISC	18.1	Single Age
09SFB10b-26	559.7	2.258	0.4149	0.02	0.0546	0.0026	0.72388	353.6	15	342.6	16	426	27	342.6	16.0	3.1	Single Age
09SFB10b-27	230.8	1.437	1.031	0.034	0.1101	0.0032	0.64964	718	17	673	18	868	35	673.0	18.0	6.3	Single Age
09SFB10b-28	724	3.57	0.695	0.03	0.0656	0.0033	-0.43914	534	18	409	20	1100	130	DISC	DISC	23.4	Single Age
09SFB10b-29	96.6	2.73	1.459	0.037	0.1405	0.0039	0.86197	912	16	847	22	1045	17	847.0	22.0	7.1	Single Age
09SFB10b-30	83.7	1.151	7.15	0.52	0.248	0.017	0.9809	2108	61	1429	89	2911	19	DISC	DISC	50.9	Single Age
09SFB10b-31	209	2.81	2.08	0.18	0.18	0.012	0.9473	1127	62	1063	66	1234	44	1234.0	44.0	13.9	Single Age
09SFB10b-32	198	1.268	0.664	0.022	0.0814	0.0025	0.54278	516.4	14	504.4	15	550	20	504.4	15.0	2.3	Single Age
09SFB10b-33	149.1	2.107	0.627	0.021	0.0772	0.0025	0.6113	495	13	479.4	15	566	19	479.4	15.0	3.2	Single Age
09SFB10b-34	217	3.039	3.46	0.1	0.2558	0.0058	0.60387	1515	22	1475	30	1572	28	1572.0	28.0	6.2	Single Age
09SFB10b-35	379	2.53	0.654	0.04	0.0735	0.003	0.63297	508	24	457	18	815	79	DISC	DISC	10.0	Single Age
09SFB10b-36	276	5.35	0.506	0.021	0.0607	0.0025	0.10932	415.3	14	379.8	15	622	50	379.8	15.0	8.5	Single Age
09SFB10b-37	714	15.2	0.476	0.029	0.0636	0.0032	0.75752	394	19	397	19	411	40	397.0	19.0	-0.8	Single Age
09SFB10b-38	155	2.769	0.646	0.023	0.0792	0.0029	0.58266	506.4	15	491	17	555	27	491.0	17.0	3.0	Single Age
09SFB10b-39	528	5.67	0.806	0.052	0.0835	0.0031	0.82819	594	29	517	18	868	82	DISC	DISC	13.0	Single Age
09SFB10b-40	326	7.18	0.545	0.022	0.063	0.0027	0.44092	441.6	15	394	16	718	41	DISC	DISC	10.8	Single Age
09SFB10b-41	359	2.36	0.945	0.027	0.1085	0.003	0.85237	676	14	664	18	709	14	664.0	18.0	1.8	Single Age
09SFB10b-42	538	3.26	10.8	0.79	0.244	0.018	0.82619	2485	66	1395	96	3644	74	DISC	DISC	61.7	Single Age
09SFB10b-43	280.4	3.82	5.43	0.76	0.17	0.0071	0.97166	1800	100	1011	39	2920	150	DISC	DISC	65.4	Single Age
09SFB10b-44	172.8	0.769	0.2963	0.02	0.03853	0.0024	0.53784	264.1	15	243.6	15	474	28	243.6	15.0	7.8	Single Age
09SFB10b-45	688	1.96	0.58	0.022	0.0685	0.0026	0.76217	464.2	14	426.8	16	633	20	426.8	16.0	8.1	Single Age
09SFB10b-46	273.8	1.269	0.538	0.022	0.0669	0.0025	0.51591	436.6	14	417.5	15	538	35	417.5	15.0	4.4	Single Age
09SFB10b-47	230	2	0.774	0.032	0.0922	0.003	0.80223	580	18	570	18	617	34	570.0	18.0	1.7	Single Age
09SFB10b-48	112	1.47	1.28	0.16	0.1179	0.0083	0.70084	804	65	716	48	1020	100	DISC	DISC	10.9	Single Age
09SFB10b-49	330	1.79	0.632	0.029	0.0735	0.0042	0.91015	496	18	460	25	663	34	460.0	25.0	7.3	Single Age
09SFB10b-50	158.4	2.151	0.812	0.025	0.0945	0.0029	0.6636	603.1	14	582	17	688	22	582.0	17.0	3.5	Single Age
09SFB10b-51	452	7.88	0.3557	0.02	0.0468	0.0025	0.73877	308.7	15	294.6	15	397	21	294.6	15.0	4.6	Single Age
09SFB10b-52	237.2	1.776	2.545	0.04	0.2075	0.0041	0.74269	1286	12	1218	22	1401	15	1401.0	15.0	13.1	Single Age
09SFB10b-53	270	2.9	1.9	0.4	0.109	0.0073	0.89649	980	120	665	42	1730	240	DISC	DISC	32.1	Single Age
09SFB10b-54	62	9.7	1.634	0.053	0.1537	0.0039	0.44409	987	20	921	22	1116	41	1116.0	41.0	17.5	Single Age
09SFB10b-55	774	116.9	0.5517	0.02	0.0711	0.0025	0.72522	445.8	13	442.8	15	480	16	442.8	15.0	0.7	Single Age
09SFB10b-56	244	10.2	0.689	0.048	0.085	0.0055	0.96877	530	29	525	33	573	23	525.0	33.0	0.9	Single Age
09SFB10b-57	218	4.74	0.568	0.021	0.0713	0.0025	0.38584	457.8	14	443.8	15	530	24	443.8	15.0	3.1	Single Age
09SFB10b-58	246	2.72	1.32	0.1	0.1364	0.0048	0.52631	846	43	823	28	918	85	823.0	28.0	2.7	Single Age
09SFB10b-59	396	1.916	0.731	0.029	0.0774	0.0043	0.87114	556	17	480	26	916	56	DISC	DISC	13.7	Single Age
09SFB10b-60	134.8	0.879	0.993	0.033	0.1102	0.0042	0.73657	699	17	674	24	765	29	674.0	24.0	3.6	Single Age
09SFB10b-61	218	4.6	0.627	0.05	0.0741	0.0046	0.86917	488	31	460	28	673	56	460.0	28.0	5.7	Single Age
09SFB10b-62	277	2.074	0.4253	0.019	0.05545	0.0023	0.58664	359.7	14	347.9	14	437	17	347.9	14.0	3.3	Single Age
09SFB10b-63	2832	118	0.513	0.021	0.0667	0.0026	0.69102	421.4	13	416	16	475	15	416.0	16.0	1.3	Single Age
09SFB10b-64	166.5	4.93	1.102	0.035	0.1229	0.0033	0.55763	753	17	747	19	790	19	747.0	19.0	0.8	Single Age
09SFB10b-65	74.8	4.05	0.688	0.026	0.0879	0.0031	0.68596	531	16	543	18	479	27	543.0	18.0	-2.3	Single Age
09SFB10b-66	92.8	1.92	3.39	0.33	0.224	0.018	0.97657	1473	74	1294	92	1779	40	DISC	DISC	27.3	Single Age
09SFB10b-67	791	2.26	0.612	0.028	0.0612	0.0047	0.82482	483	17	382	28	1016	86	DISC	DISC	20.9	Single Age
09SFB10b-68	461	1.62	0.667	0.047	0.0806	0.0055	0.96823	517	29	499	33	633	20	499.0	33.0	3.5	Single Age
09SFB10b-69	146.4	1.79	3.177	0.055	0.2412	0.0046	0.61893	1450	13	1392	24	1550	18	1550.0	18.0	10.2	Single Age
09SFB10b-70	88.3	3.02	0.384	0.022	0.05083	0.0024	0.61629	329.4	16	319.6	15	411	34	319.6	15.0	3.0	Single Age
09SFB10b-71	433	5.95	0.5355	0.02	0.0694	0.0024	0.65336	435.2	13	432.3	15	439	17	432.3	15.0	0.7	Single Age
09SFB10b-72	483	11.36	0.468	0.021	0.0594	0.0026	0.8235	390.5	14	371.8	16	519	16	371.8	16.0	4.8	Single Age
09SFB10b-73	304	1.973	1.21	0.19	0.0819	0.0044	0.86016	775	89	507	26	1530	230	DISC	DISC	34.6	Single Age
09SFB10b-74	88.5	1.359	10.55	0.24	0.466	0.0097	0.61397	2487	23	2472	41	2492	19	2492.0	19.0	0.8	Single Age
09SFB10b-75	123.2	1.297	0.812	0.025	0.0934	0.0029	0.40086	602.7	14	576	17	743	41	576.0	17.0	4.4	Single Age

09SFB10b-76	532	9.18	0.701	0.058	0.0684	0.0027	-0.24759	533	33	426.2	16	1070	180	DISC	DISC	20.0	Single Age
09SFB10b-77	307	4.18	0.697	0.021	0.0863	0.0027	0.67793	537.8	13	533.5	16	556	16	533.5	16.0	0.8	Single Age
09SFB10b-78	361.3	0.991	0.836	0.022	0.099	0.003	0.61844	616.4	12	608	17	653	21	608.0	17.0	1.4	Single Age
09SFB10b-79	129.6	0.962	0.812	0.044	0.0906	0.0031	0.65825	601	22	559	19	780	58	559.0	19.0	7.0	Single Age
09SFB10b-80	172.8	1.608	5.76	0.16	0.3425	0.0094	0.80189	1939	24	1898	45	2000	20	2000.0	20.0	5.1	Single Age
09SFB10b-81	268	3.47	0.426	0.025	0.0475	0.0024	0.33204	359	18	299.1	15	827	85	DISC	DISC	16.7	Single Age
09SFB10b-82	364.2	5.1	0.582	0.026	0.071	0.0032	0.87961	465	17	442	19	556	23	442.0	19.0	4.9	Single Age
09SFB10b-83	377	1.238	0.3841	0.019	0.05246	0.0024	0.53252	330.6	14	329.6	15	338	21	329.6	15.0	0.3	Single Age
09SFB10b-84	148.8	5.3	0.778	0.023	0.0935	0.0029	0.66898	585.7	14	576	17	639	25	576.0	17.0	1.7	Single Age
09SFB10b-85	744	8.8	0.545	0.031	0.0701	0.0035	0.96711	439	20	436	21	465	20	436.0	21.0	0.7	Single Age
09SFB10b-86	424	3.27	0.618	0.038	0.0639	0.0037	0.92193	487	24	399	22	943	29	DISC	DISC	18.1	Single Age
09SFB10b-87	263.4	1.93	2	0.13	0.1565	0.0075	0.95891	1111	44	941	43	1452	39	DISC	DISC	35.2	Single Age
09SFB10b-88	401.2	1.813	0.3667	0.02	0.04888	0.0024	0.60234	317	15	307.6	15	389	21	307.6	15.0	3.0	Single Age
09SFB10b-89	103.4	2.014	1.079	0.028	0.1204	0.003	0.53757	744	14	732	17	796	22	732.0	17.0	1.6	Single Age
09SFB10b-90	257.7	3.73	0.73	0.021	0.0888	0.0026	0.55416	556.1	12	549.4	15	590	17	549.4	15.0	1.2	Single Age
09SFB10b-91	222	7.32	0.764	0.029	0.0928	0.0029	0.63496	575	16	572	17	604	30	572.0	17.0	0.5	Single Age
09SFB10b-92	483	21.6	0.3871	0.02	0.05183	0.0024	0.71538	332	14	325.7	15	377	20	325.7	15.0	1.9	Single Age
09SFB10b-93	743	4.28	0.5067	0.02	0.0621	0.0024	0.53421	416	13	388.4	15	567	33	388.4	15.0	6.6	Single Age
09SFB10b-94	650	3.485	1.275	0.035	0.1316	0.0036	0.81116	833	16	796	20	944	18	796.0	20.0	4.4	Single Age
09SFB10b-95	252	2.68	1.82	0.033	0.1766	0.0034	0.54805	1053	12	1048	19	1059	17	1059.0	17.0	1.0	Single Age
09SFB10b-96	221	4.78	8.51	0.29	0.429	0.01	0.83343	2295	32	2308	49	2265	31	2265.0	31.0	-1.9	Single Age
09SFB10b-97	171	2.76	1.417	0.083	0.1484	0.0067	0.95569	890	36	890	38	940	29	940.0	29.0	5.3	Single Age
09SFB10b-98	294	1.318	0.801	0.022	0.0942	0.0026	0.56023	596.7	12	581.2	15	654	17	581.2	15.0	2.6	Single Age
09SFB10b-99	377	4.37	0.548	0.02	0.0709	0.0025	0.59948	443.4	13	441.7	15	473	18	441.7	15.0	0.4	Single Age
09SFB10b-100	208	4.06	0.537	0.025	0.0576	0.0027	0.64912	435	17	361	16	830	28	DISC	DISC	17.0	Single Age
09SFB10b-101	218	2.81	0.416	0.023	0.0527	0.0025	0.57631	352.7	16	331.1	15	449	43	331.1	15.0	6.1	Single Age
09SFB10b-102	473	8	0.565	0.043	0.0698	0.003	0.81878	451	25	435	18	508	45	435.0	18.0	3.5	Single Age
09SFB10b-103	314	6.39	0.58	0.049	0.0729	0.0026	0.67086	451	16	453.4	16	472	58	453.4	16.0	-0.5	Single Age
09SFB10b-104	402	4.47	9.18	0.48	0.386	0.015	0.81144	2341	47	2099	72	2546	37	2546.0	37.0	17.6	Single Age
09SFB10b-105	455	0.667	0.721	0.032	0.0874	0.0034	0.8859	552	18	540	20	654	26	540.0	20.0	2.2	Single Age
09SFB10b-106	367	0.872	0.3719	0.02	0.04988	0.0023	0.65089	320.9	15	313.8	14	378	25	313.8	14.0	2.2	Single Age
09SFB10b-107	114.9	3.64	0.581	0.033	0.0545	0.0026	0.25032	463	21	342.3	16	1129	89	DISC	DISC	26.1	Single Age
09SFB10b-108	149.1	3.23	5.09	0.14	0.1021	0.0033	0.84913	1832	23	626	19	3763	13	DISC	DISC	65.8	Single Age
09SFB10b-109	70.4	3.43	0.939	0.065	0.0777	0.0028	0.31486	672	35	482.1	17	1340	120	DISC	DISC	28.3	Single Age
09SFB10b-110	235	9.47	0.553	0.024	0.0677	0.0028	0.76492	446	16	422	17	583	25	422.0	17.0	5.4	Single Age
09SFB10b-111	392	8.62	0.583	0.021	0.0728	0.0025	0.72826	467.2	13	452.8	15	549	18	452.8	15.0	3.1	Single Age
09SFB10b-112	274	2.5	3.061	0.094	0.2148	0.0066	0.84979	1418	24	1257	36	1668	22	DISC	DISC	24.6	Single Age
09SFB10b-113	248	20.2	0.475	0.021	0.0613	0.0025	0.67154	394.5	14	383.6	15	460	20	383.6	15.0	2.8	Single Age
09SFB10b-114	106.4	1.383	0.74	0.026	0.0891	0.0027	0.58303	563	15	551.5	16	599	23	551.5	16.0	2.0	Single Age
09SFB10b-115	313	2.278	0.3364	0.019	0.04556	0.0024	0.58531	294.3	15	287.2	15	345	20	287.2	15.0	2.4	Single Age
09SFB10b-116	596	5.35	0.412	0.023	0.052	0.0027	0.8705	349	17	326.8	17	506	22	326.8	17.0	6.4	Single Age
09SFB10b-117	386	5.02	0.3842	0.02	0.05055	0.0024	0.62917	329.9	14	317.9	15	409	18	317.9	15.0	3.6	Single Age
09SFB10b-118	442	2.34	0.666	0.022	0.083	0.0027	0.70253	517.8	14	513.8	16	543	20	513.8	16.0	0.8	Single Age
09SFB10b-119	516	10.51	0.489	0.021	0.0628	0.0027	0.74047	404.3	14	392.3	16	489	25	392.3	16.0	3.0	Single Age
09SFB10b-120	92.7	2.89	1.177	0.028	0.1268	0.0031	0.5677	789	13	769	18	823	20	769.0	18.0	2.5	Single Age
09SFB10b-121	187	3.37	0.3977	0.021	0.04927	0.0024	0.49571	339.6	15	310	15	555	26	310.0	15.0	8.7	Single Age
09SFB10b-122	119	4.22	1.832	0.035	0.1728	0.0038	0.57736	1056	12	1027	21	1132	19	1132.0	19.0	9.3	Single Age
09SFB10b-123	78.6	1.134	0.776	0.034	0.0894	0.0034	0.75189	581	19	552	20	698	34	552.0	20.0	5.0	Single Age
09SFB10b-124	543	2.66	0.3616	0.019	0.04814	0.0024	0.60165	313.3	14	303.1	15	379	22	303.1	15.0	3.3	Single Age
09SFB10b-125	472	25.9	0.59	0.024	0.0723	0.0028	0.77794	470.3	15	449.7	17	556	23	449.7	17.0	4.4	Single Age
09SFB10b-126	727	85	0.463	0.021	0.0603	0.0026	0.72826	385.8	15	377.4	16	423	21	377.4	16.0	2.2	Single Age
09SFB10b-127	527	7.3	0.653	0.033	0.08	0.0035	0.9149	512	20	496	21	556	27	496.0	21.0	3.1	Single Age
09SFB10b-128	225	3.6	0.56	0.021	0.07238	0.0024	0.44207	450.8	14	451.3	15	446	22	451.3	15.0	-0.1	Single Age
09SFB10b-129	333	5.3	0.702	0.03	0.0808	0.0027	0.75411	538	18	500.7	16	707	42	500.7	16.0	6.9	Single Age
09SFB10b-130	195	10.26	0.632	0.024	0.0788	0.0027	0.69066	496.9	15	488.7	16	544	19	488.7	16.0	1.7	Single Age
09SFB10b-131	1355	3.35	0.2804	0.019	0.03854	0.0023	0.58664	251.4	15	243.7	14	312	22	243.7	14.0	3.1	Single Age
09SFB10b-132	349.9	3.692	0.6157	0.021	0.0758	0.0025	0.55147	486.8	13	470.8	15	561	18	470.8	15.0	3.3	Single Age
09SFB10b-133	527.9	15.03	0.51	0.027	0.0631	0.0028	0.8501	418	18	394.4	17	557	43	394.4	17.0	5.6	Single Age
09SFB10b-134	213.8	5.32	0.583	0.021	0.0716	0.0025	0.35353	466.2	14	445.7	15	567	27	445.7	15.0	4.4	Single Age
09SFB10b-135	1330	14.62	0.515	0.036	0.0637	0.0044	0.95196	418	25	397	27	551	33	397.0	27.0	5.0	Single Age
09SFB10b-136	244.5	8.64	1.837	0.057	0.1259	0.0034	0.79357	1059	20	764	19	1726	32	DISC	DISC	27.9	Single Age
09SFB10b-137	479	7.37	0.5234	0.021	0.0669	0.0025	0.72503	427.9	14	417.3	15	485	15	417.3	15.0	2.5	Single Age
09SFB10b-138	231	3.11	0.606	0.022	0.0743	0.0026	0.69672	480.4	14	461.8	16	573	20	461.8	16.0	3.9	Single Age
09SFB10b-139	372	2.84	0.532	0.029	0.0621	0.0029	0.76001	431	19	388	17	713	38	388.0	17.0	10.0	Single Age
09SFB10b-140	329	7.8	0.589	0.024	0.0675	0.0026	0.35054	472	16	421.1	16	699	45	DISC	DISC	10.8	Single Age
09SFB10b-141	74.8	1.422	8.06	0.2	0.3617	0.0073	0.83994	2238	22	1989	35	2480	13	2480.0	13.0	19.8	Single Age
09SFB10b-142	692	1.3	2.639	0.066	0.16	0.0038	0.8816	1309	19	959	20	1935	18	DISC	DISC	50.4	Single Age
09SFB10b-143	549.5	1.84	0.3931	0.019	0.05131	0.0024	0.50484	336.5	14	322.5	14	433	19	322.5	14.0	4.2	Single Age
09SFB10b-144	130.4	1.825	0.594	0.022	0.0738	0.0025	0.44339	473.3	14	459.2	15	560	23	459.2	15.0	3.0	Single Age
09SFB10b-145	328	71.1	0.426	0.021	0.05646	0.0025	0.55853	361.5	15	354	15	409	24	354.0	15.0	2.1	Single Age
09SFB10b-146	528	11.1	0.4885	0.02	0.0629	0.0025	0.37388	404.5	13	393.9	15	480	29	393.9	15.0	2.6	Single Age
09SFB10b-147	453	6.8	0.726	0.04	0.0799	0.003	0.64294	551	23	495	18	746	56	DISC	DISC	10.2	Single Age

Sample Name:	09-SFB-02																
Northern Helvetic Flysch (35 ± 3 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
09SFB02-1	448	1.929	0.6021	0.012	0.07726	0.0014	0.51511	478.4	7.5	479.7	8.4	470	14	479.7	8.4	0.3	Single Age
09SFB02-2	292	24.7	0.5539	0.012	0.06987	0.0013	0.48069	447.4	7.7	435.4	7.9	490	15	435.4	7.9	2.7	Single Age
09SFB02-3	267	3.31	0.989	0.018	0.1124	0.0019	0.3907	698.2	9	686.3	11	720	21	686.3	11.0	1.7	Single Age
09SFB02-4	268.9	8.84	0.5791	0.014	0.0747	0.0017	0.77421	463.7	8.8	464.3	9.9	454	12	464.3	9.9	0.1	Single Age
09SFB02-5	251	14.14	0.5661	0.012	0.0729	0.0015	0.50792	455.3	7.4	453.3	9.2	478	16	453.3	9.2	0.4	Single Age
09SFB02-6	292.4	2.219	4.514	0.091	0.2849	0.006	0.79524	1732	17	1615	30	1875	14	1875.0	14.0	13.9	Single Age
09SFB02-7	386	8.17	0.6017	0.012	0.077	0.0015	0.61111	478.1	7.8	478	8.9	489	16	478.0	8.9	0.0	Single Age
09SFB02-8	315	10.09	0.5787	0.013	0.0738	0.0015	0.4097	463.3	8.5	459.1	9.3	462	16	459.1	9.3	0.9	Single Age
09SFB02-9	365	20.3	0.549	0.014	0.0705	0.0018	0.5392	444	9.3	438.9	11	483	28	438.9	11.0	1.1	Single Age
09SFB02-10	97.7	13.3	0.753	0.025	0.0915	0.0026	0.79607	571	14	564	16	600	25	564.0	16.0	1.2	Single Age
09SFB02-11	311	4.38	0.6003	0.012	0.0769	0.0015	0.62269	477.9	7.7	478.1	9.1	481	16	478.1	9.1	0.0	Single Age
09SFB02-12	158	3.06	0.766	0.016	0.0936	0.0021	0.64131	576.9	9	577	12	564	20	577.0	12.0	0.0	Single Age
09SFB02-13	43.3	1.46	0.914	0.026	0.1068	0.0025	0.69063	658	14	654	14	661	29	654.0	14.0	0.6	Single Age
09SFB02-14	567	16.9	0.5664	0.012	0.0735	0.0016	0.67954	455.5	7.9	458	9.5	451	14	458.0	9.5	0.5	Single Age
09SFB02-15	272	3.018	0.4283	0.012	0.05817	0.0014	0.67574	361.7	8.6	364.5	8.7	367	18	364.5	8.7	0.8	Single Age
09SFB02-16	760	278	0.3553	0.011	0.04914	0.0013	0.57299	309.2	8.3	309.2	8.1	320	15	309.2	8.1	0.0	Single Age
09SFB02-17	512	1.53	0.0417	0.0097	0.00586	0.0011	0.060896	41.4	9.4	37.67	6.8	307	49	DISC	DISC	9.0	Single Age
09SFB02-18	373	23.7	0.6057	0.011	0.07759	0.0014	0.37207	480.7	7.2	481.7	8.3	485	15	481.7	8.3	0.2	Single Age
09SFB02-19	1094	289	0.4322	0.012	0.05849	0.0014	0.76827	364.6	8.6	366.4	8.6	372	16	366.4	8.6	0.5	Single Age
09SFB02-20	407.5	4.89	0.5407	0.013	0.0688	0.0016	0.64874	438.7	8.5	428.8	9.4	484	18	428.8	9.4	2.3	Single Age
09SFB02-21	204	5.03	0.608	0.015	0.0763	0.0018	0.67128	481.8	9.3	473.9	11	500	16	473.9	11.0	1.6	Single Age
09SFB02-22	432	23.6	0.5274	0.012	0.06771	0.0014	0.41071	430	7.7	422.3	8.5	462	18	422.3	8.5	1.8	Single Age
09SFB02-23	115.3	2.452	5.251	0.083	0.3203	0.0055	0.72722	1860	14	1795	26	1927	11	1927.0	11.0	6.9	Single Age
09SFB02-24	339	2.06	0.8444	0.014	0.1013	0.0016	0.68749	621.3	7.5	621.8	9.6	602	11	621.8	9.6	0.1	Single Age
09SFB02-25	175	3.8	1.349	0.051	0.1443	0.0041	0.91814	868	22	868	23	868	25	868.0	25.0	0.0	Single Age
09SFB02-26	195	4.71	0.672	0.018	0.0851	0.002	0.7622	522.7	11	526	12	495	16	526.0	12.0	0.6	Single Age
09SFB02-27	209.1	1.306	1.56	0.027	0.1584	0.0038	0.55656	954	11	952	20	961	16	961.0	16.0	0.9	Single Age
09SFB02-28	278	2.549	0.868	0.02	0.1036	0.0023	0.65241	635.6	11	635	13	628	18	635.0	13.0	0.1	Single Age
09SFB02-29	90.5	2.79	0.651	0.017	0.0824	0.0019	0.64934	510.5	11	510.1	11	513	20	510.1	11.0	0.1	Single Age
09SFB02-30	216	1.681	0.698	0.015	0.0848	0.0018	0.52609	537.1	9.2	524.9	11	589	18	524.9	11.0	2.3	Single Age
09SFB02-31	84.8	2.309	0.354	0.038	0.02393	0.0012	0.60057	304	27	152.4	7.6	1670	150	DISC	DISC	49.9	Single Age
09SFB02-32	297	3.66	0.793	0.015	0.0938	0.0017	0.5837	593.8	8.3	578.2	9.8	633	17	578.2	9.8	2.6	Single Age

09SFB02-33	130.1	1.161	0.88	0.018	0.1035	0.0016	0.41522	640.6	9.6	634.7	9.5	650	23	634.7	9.5	0.9	Single Age
09SFB02-34	463	263	0.462	0.017	0.0633	0.0022	0.68993	385	12	397	13	344	36	397.0	13.0	3.1	Single Age
09SFB02-35	178.9	2.295	0.415	0.015	0.0558	0.0016	0.31918	352.4	10	349.9	9.9	391	47	349.9	9.9	0.7	Single Age
09SFB02-36	131.3	20.7	0.3257	0.012	0.04513	0.0014	0.49287	286.1	9.2	284.5	8.5	315	28	284.5	8.5	0.6	Single Age
09SFB02-37	321	7.32	0.4349	0.013	0.058	0.0015	0.60453	366.5	9.4	363.2	9.2	392	17	363.2	9.2	0.9	Single Age
09SFB02-38	155	5.39	0.575	0.019	0.0735	0.002	0.75368	461	12	457	12	504	27	457.0	12.0	0.9	Single Age
09SFB02-39	117.1	1.134	0.998	0.021	0.1123	0.0018	0.60249	702.2	11	685.9	10	764	17	685.9	10.0	2.3	Single Age
09SFB02-40	299	1.69	0.861	0.018	0.1029	0.0019	0.5606	630.3	9.8	631.2	11	644	18	631.2	11.0	0.1	Single Age
09SFB02-41	548	12.2	0.5862	0.012	0.0752	0.0015	0.66361	468.2	7.8	467.6	9	468	13	467.6	9.0	0.1	Single Age
09SFB02-42	240	16.62	0.605	0.015	0.0767	0.0018	0.612	480.2	9.5	476.1	11	508	24	476.1	11.0	0.9	Single Age
09SFB02-43	117.7	1.605	0.823	0.017	0.096	0.0016	0.68494	609.2	9.3	590.7	9.7	676	16	590.7	9.7	3.0	Single Age
09SFB02-44	194	2.75	0.575	0.029	0.0748	0.003	0.58973	460	19	465	18	437	48	465.0	18.0	1.1	Single Age
09SFB02-45	156.4	22.9	0.741	0.015	0.0911	0.0019	0.55688	562.6	8.7	562.1	11	561	19	562.1	11.0	0.1	Single Age
09SFB02-46	84.7	1.291	0.868	0.024	0.0994	0.0017	0.45465	634	13	610.7	9.8	747	31	610.7	9.8	3.7	Single Age
09SFB02-47	283	3.19	0.603	0.02	0.0771	0.0021	0.59026	479	12	478	13	502	38	478.0	13.0	0.2	Single Age
09SFB02-48	95	2.154	0.767	0.024	0.0934	0.0023	0.61957	577	14	576	14	604	22	576.0	14.0	0.2	Single Age
09SFB02-49	252	12	12.12	0.17	0.4847	0.0062	0.77069	2613	13	2550	27	2668	11	2668.0	11.0	4.4	Single Age
09SFB02-50	386	3.96	0.5721	0.013	0.0738	0.0016	0.64794	459.1	8.6	458.8	9.8	469	15	458.8	9.8	0.1	Single Age
09SFB02-52	161	35.6	9.62	0.32	0.412	0.016	0.83918	2401	32	2220	70	2528	31	2528.0	31.0	12.2	Single Age
09SFB02-53	37	1.113	0.836	0.033	0.0974	0.0025	0.36136	616	18	599	15	678	48	599.0	15.0	2.8	Single Age
09SFB02-54	112	12.5	0.618	0.026	0.0779	0.0029	0.8312	488	16	484	17	545	39	484.0	17.0	0.8	Single Age
09SFB02-55	130	1.486	0.756	0.018	0.0921	0.0021	0.70221	571.9	10	568	12	609	17	568.0	12.0	0.7	Single Age
09SFB02-56	208.4	2.41	1.197	0.02	0.1276	0.0022	0.77922	798.8	9.1	774	12	858	13	774.0	12.0	3.1	Single Age
09SFB02-57	177.7	1.46	0.896	0.031	0.0977	0.0017	0.48049	648	16	601.1	9.9	843	54	601.1	9.9	7.2	Single Age
09SFB02-59	230.1	2.88	0.039	0.0097	0.0061	0.0011	0.1496	38.9	9.5	39.19	6.8	255	52	DISC	DISC	0.7	Single Age
09SFB02-61	240	6.64	0.89	0.03	0.1057	0.0027	0.54749	645	16	647	16	653	31	647.0	16.0	0.3	Single Age
09SFB02-62	153	7.58	0.574	0.015	0.0727	0.0017	0.53775	460	9.5	453.2	9.7	514	21	453.2	9.7	1.5	Single Age
09SFB02-63	404	5.16	0.5684	0.012	0.07236	0.0014	0.49188	456.8	7.9	450.3	8.4	489	24	450.3	8.4	1.4	Single Age
09SFB02-64	171.1	16.24	1.667	0.029	0.1646	0.0031	0.66519	996	11	982	17	1029	13	1029.0	13.0	4.6	Single Age
09SFB02-65	522	3.92	0.785	0.012	0.0957	0.0015	0.60201	588.2	6.9	588.8	8.6	586	12	588.8	8.6	0.1	Single Age
09SFB02-66	52.8	1.358	0.671	0.016	0.0834	0.0017	0.43604	520.9	9.8	516.2	10	570	23	516.2	10.0	0.9	Single Age
09SFB02-67	566	6.23	0.5992	0.014	0.0746	0.0017	0.74575	476.5	8.6	463.8	10	546	15	463.8	10.0	2.7	Single Age
09SFB02-68	250.6	2.106	0.32	0.011	0.04443	0.0012	0.16712	281.8	8.2	280.2	7.4	294	23	280.2	7.4	0.6	Single Age
09SFB02-69	150.8	2.259	0.3431	0.012	0.0451	0.0012	0.47879	299.3	8.8	284.3	7.3	434	23	284.3	7.3	5.0	Single Age
09SFB02-70	121.5	3.13	0.987	0.018	0.1146	0.002	0.20936	696.9	9.3	699.1	12	693	25	699.1	12.0	0.3	Single Age
09SFB02-71	32.59	3.162	0.98	0.025	0.1133	0.0022	0.22489	692	13	692	13	700	29	692.0	13.0	0.0	Single Age
09SFB02-72	262	3.38	2.55	0.21	0.184	0.012	0.98225	1280	61	1085	67	1637	30	DISC	DISC	33.7	Single Age
09SFB02-73	245.4	2.18	5.36	0.13	0.2957	0.007	0.93008	1882	22	1669	35	2109.7	7.8	DISC	DISC	20.9	Single Age
09SFB02-74	154	1.689	0.148	0.014	0.00717	0.0011	0.35714	139.2	13	46.1	6.8	2260	100	DISC	DISC	66.9	Single Age
09SFB02-75	181.3	5.04	0.6209	0.013	0.077	0.0015	0.35054	490.2	7.9	478.3	8.8	554	20	478.3	8.8	2.4	Single Age
09SFB02-76	337	2.07	0.613	0.016	0.0774	0.0019	0.80034	485.4	10	480.5	12	522	16	480.5	12.0	1.0	Single Age
09SFB02-77	192	3.26	0.6859	0.013	0.08565	0.0014	0.56113	530.1	7.9	529.7	8.5	533	17	529.7	8.5	0.1	Single Age
09SFB02-78	327	2.867	0.364	0.012	0.05031	0.0014	0.70356	315.9	9.5	316.4	8.6	316	17	316.4	8.6	0.2	Single Age
09SFB02-79	241	4.52	0.661	0.014	0.0835	0.0017	0.46215	515	8.7	516.7	10	518	18	516.7	10.0	0.3	Single Age
09SFB02-80	662	35.5	0.606	0.022	0.0772	0.002	0.53963	481	14	479.2	12	481	29	479.2	12.0	0.4	Single Age
09SFB02-81	340	15.45	0.6034	0.013	0.0772	0.0017	0.68246	479.8	8	479.4	9.9	485	15	479.4	9.9	0.1	Single Age
09SFB02-83	158	5.31	0.729	0.029	0.0831	0.0027	0.87152	554	17	514	16	718	26	514.0	16.0	7.2	Single Age
09SFB02-84	174	5.62	7.39	0.42	0.33	0.013	0.94009	2153	52	1838	65	2475	30	DISC	DISC	25.7	Single Age
09SFB02-85	189	2.18	0.843	0.014	0.10233	0.0014	0.39353	620.7	7.9	628	8.5	580	14	628.0	8.5	1.2	Single Age
09SFB02-86	392.6	5.94	0.5576	0.012	0.07174	0.0013	0.61646	449.9	7.8	446.6	8.1	468	16	446.6	8.1	0.7	Single Age
09SFB02-87	1207	5.42	0.2565	0.012	0.03472	0.0014	0.84654	231.7	9.6	220	8.7	355	19	220.0	8.7	5.0	Single Age
09SFB02-88	778	1.965	0.5935	0.013	0.0741	0.0016	0.73247	472.9	8.3	460.8	9.3	521	19	460.8	9.3	2.6	Single Age
09SFB02-89	336	3.52	0.657	0.02	0.083	0.0025	0.79781	513	12	514	15	508	20	514.0	15.0	0.2	Single Age
09SFB02-90	92.1	1.69	0.617	0.016	0.0774	0.0015	0.49677	487.4	10	480.8	9.1	526	21	480.8	9.1	1.4	Single Age
09SFB02-91	148.7	8.59	0.6	0.014	0.0762	0.0016	0.52599	476.9	8.8	473.5	9.4	514	26	473.5	9.4	0.7	Single Age
09SFB02-92	241.7	3.36	0.633	0.014	0.0758	0.0019	0.34712	497.9	8.6	470.9	12	618	30	470.9	12.0	5.4	Single Age
09SFB02-93	439.3	2.34	0.0384	0.0097	0.005773	0.0011	0.13009	38.2	9.5	37.11	6.8	214	42	DISC	DISC	2.9	Single Age
09SFB02-94	545	0.989	0.766	0.015	0.0909	0.0018	0.70418	578.5	8.5	562	11	647	16	562.0	11.0	2.9	Single Age
09SFB02-95	348	4.55	0.5302	0.012	0.06755	0.0014	0.29682	431.8	8	421.3	8.4	481	24	421.3	8.4	2.4	Single Age
09SFB02-96	236.8	5.42	0.7041	0.013	0.08693	0.0014	0.67875	541	7.8	537.3	8.4	542	12	537.3	8.4	0.7	Single Age
09SFB02-97	291	3.65	0.3403	0.013	0.04521	0.0014	0.74859	298	10	285	8.7	398	25	285.0	8.7	4.4	Single Age
09SFB02-98	244.4	2.669	0.2603	0.011	0.03637	0.0011	0.27076	234.8	8.7	230.3	7.1	291	31	230.3	7.1	1.9	Single Age
09SFB02-99	340	1.241	0.755	0.014	0.0923	0.0015	0.70625	571.6	8.4	570.2	8.6	593	12	570.2	8.6	0.2	Single Age
09SFB02-100	94.6	2.73	0.3373	0.012	0.04701	0.0012	-0.11152	294.9	8.9	296.1	7.5	289	27	296.1	7.5	0.4	Single Age
09SFB02-101	120	3.193	0.785	0.025	0.0955	0.0025	0.80825	587	14	588	15	613	20	588.0	15.0	0.2	Single Age
09SFB02-102	197	3.173	0.341	0.011	0.04731	0.0013	0.44639	297.8	8.7	297.9	7.8	305	25	297.9	7.8	0.0	Single Age
09SFB02-103	232	2.09	0.3087	0.01	0.04291	0.0012	0.4503	273.5	7.8	270.8	7.7	315	22	270.8	7.7	1.0	Single Age
09SFB02-104	385	2.616	0.341	0.011	0.04716	0.0012	0.44983	297.8	8	297.1	7.5	315	18	297.1	7.5	0.2	Single Age
09SFB02-105	109.3	2.36	3.85	0.19	0.244	0.01	0.96976	1597	40	1402	54	1868	17	DISC	DISC	24.9	Single Age
09SFB02-106	121.3	1.453	1.779	0.022	0.1728	0.0025	0.69039	1037	8	1028	14	1056	12	1056.0	12.0	2.7	Single Age
09SFB02-107	129.2	5.1	0.585	0.014	0.07547	0.0013	0.35984	467	9.2	469	8.1	472	23	469.0	8.1	0.4	Single Age
09SFB02-108	273	1.47	0.776	0.021	0.094	0.0022	0.82209	582	12	579	13	599	20	579.0	13.0	0.5	Single Age
09SFB02-109	412.6	16.3	0.5638	0.013	0.0707	0.0015	0.76676	454.5	8.9	440.1	9	520	17	440.1	9.0	3.2	Single Age
09SFB02-110	298	16.51	0.64	0.014	0.0743	0.0016	0.53519	501.8	9	462.2	9.8	704	18	462.2	9.8	7.9	Single Age
09SFB02-111	543	5.25	0.3419	0.012	0.0466	0.0014	0.62646	298.4	8.8	293.6	8.5	315	25	293.6	8.5	1.6	Single Age
09SFB02-112	585	2.044	0.3027	0.011	0.04016	0.0012	0.24336	268.4	8.4	253.8	7.3	374	26	253.8	7.3	5.4	Single Age
09SFB02-113	849.4	3.684	0.319	0.01	0.04338	0.0012	0.59123	281.1	8	273.8	7.3	332	16	273.8	7.3	2.6	Single Age
09SFB02-114	106	4.48	0.672	0.037	0.071	0.0027	0.8523	518	22	442	16	877	56	DISC	DISC	14.7	Single Age
09SFB02-115	210	3.991	0.5496	0.013	0.07048	0.0014	0.4164	444.5	8.7	439	8.2	483	15	439.0	8.2	1.2	Single Age
09SFB02-116	236	2.768	0.341	0.011	0.04707	0.0013	0.44844	297.8	8.6	296.5	8	317	23	296.5	8.0	0.4	Single Age
09SFB02-117	224	4.59	3.9	0.44	0.206	0.018	0.99171	1563	95	1209	95	2118	59	DISC	DISC	42.9	Single Age
09SFB02-118	211	4.81	0.5928	0.012	0.07543	0.0014	0.5358	473	7.6	468.7	8.3	490	14	468.7	8.3	0.9	Single Age
09SFB02-119	210	4.69	3.6	0.23	0.224	0.011	0.9726	1551	52	1300	61	1906	27	DISC	DISC	31.8	Single Age
09SFB02-120	425	6.2	0.521	0.015	0.0672	0.0018	0.80269	426.3	9.9	419.1	11	477	13	419.1	11.0	1.7	Single Age
09SFB02-121	247.1	10.35	0.57	0.015	0.0721	0.0015	-0.03322	457.5	9.5	449	9	483	23	449.0	9.0	1.9	Single Age
09SFB02-122	146.8	3.42	0.2995	0.012	0.04263	0.0012	0.20824	265.8	9	269.1	7.4	282	31	269.1	7.4	1.2	Single Age
09SFB02-123	133	8.02	0.833	0.029	0.0895	0.0027	0.83267	615	16	552	16	866	22	DISC	DISC	10.2	Single Age
09SFB02-124	191	1.389	0.854	0.031	0.1001	0.0034	0.8658	626	17	615	20	686	24	615.0	20.0	1.8	Single Age
09SFB02-125	305	14.3	0.59	0.014	0.0731	0.0016	0.49981	470.5	8.9	455	9.4	531	21	455.0	9.4	3.3	Single Age
09SFB02-126	290.4	1.69	4.98	0.16	0.2931	0.008	0.95431	1811	29	1656	40	1993	15	1993.0	15.0	16.9	Single Age
09SFB02-127	548	6.73	0.7101	0.013	0.0877	0.0016	0.73976	544.5	8	541.8	9.4	565	11	541.8	9.4	0.5	Single Age
09SFB02-128	395	6.73	0.64	0.032	0.0803	0.003	0.92256	501	19	498	18	528	35	498.0	18.0	0.6	Single Age
09SFB02-129	194.4	10.65	0.5882	0.013	0.07373	0.0013	0.20424	469.6	8.1	458.6	8	526	22	458.6	8.0	2.3	Single Age
09SFB02-130	221	1.57	0.967	0.032	0.1107	0.003	0.85768	686	16	676	18	728	20	676.0	18.0	1.5	Single Age
09SFB02-131	129.6	1.847	0.833	0.017	0.098	0.0016	0.19024	614.8	9.5	602.9	9.2	644	30	602.9	9.2	1.9	Single Age
09SFB02-132	199	31.1	0.516	0.022	0.068	0.0028	0.91493	423	15	424	17	423	19	424.0	17.0	0.2	Single Age
09SFB02-133	61.4	1.035	0.906	0.037	0.0997	0.0021	0.11596	653	19	612	13	876	94	612.0	13.0	6.3	Single Age
09SFB02-134	206	3.85	1.116	0.03	0.1025	0.0021	0.85611	760	14	629	12	1164	21	DISC	DISC	17.2	Single Age
09SFB02-135	144.4	7.33	1.148	0.022	0.128	0.0024	0.73366	775.6	10	776	14	768	13	776.0	14.0	0.1	Single Age
09SFB02-136	146	3.51	0.666	0.017	0.0849	0.0019	0.57702	518	10	526.5	11	492	26	526.5	11.0	1.6	Single Age
09SFB02-137	596	20.02	0.3153	0.011	0.04353	0.0013	0.60657	278.1	8.4	274.7	7.9	319	17	274.7	7.9	1.2	Single Age
09SFB02-138	520	26.9	0.64	0.015	0.0812	0.0016	0.74092	501.9	9.2	503.5	9.8	497	13	503.5	9.8	0.3	Single Age
09SFB02-139	365	8.6	0.527	0.022	0.0665	0.0022	0.8825	429	14	415	13	510	21	415.0	13.0	3.3	Single Age
09SFB02-140	105.6	2.81	1.367	0.072	0.1433	0.0065	0.93095	869	32	862	37	905	25	905.0	25.0	4.8	Single Age
09SFB02-141	152.8	9.36	5.739	0.089	0.3336	0.0054	0.80674	1936	14	1855	26	2014	13	2014.0	13.0	7.9	Single Age
09SFB02-142	105.2	2.567	0.9	0.017	0.1048	0.0018	0.50947	651	8.9	642.6	10	688	19	642.6	10.0	1.3	Single Age
09SFB02-143	389.5	3.4	1.138	0.017	0.1254	0.0018	0.69273	771.1	8.3	761.6	10	803	12	761.6	10.0	1.2	Single Age
09SFB02-144	161.4	5.85	4.52	0.41	0.222	0.017	0.98327	1730	77	1300	86	2303	31	DISC	DISC	43.6	Single Age
09SFB02-145	321	2.108	1.169	0.016	0.1295	0.0021	0.64512	785.9	7.7	785	12	788	15	785.0	12.0	0.1	Single Age

09SFB02-146	233	6.43	0.5834	0.012	0.0754	0.0015	0.61255	466.4	7.8	468.3	8.8	467	16	468.3	8.8	0.4	Single Age
09SFB02-147	14.92	13.71	0.594	0.026	0.0732	0.0023	0.34087	471	16	455	14	546	40	455.0	14.0	3.4	Single Age
09SFB02-148	135	4.74	4.07	0.29	0.254	0.014	0.97748	1641	60	1455	73	1882	35	DISC	DISC	22.7	Single Age
09SFB02-149	503	10.6	0.753	0.057	0.0868	0.0055	0.97504	564	34	535	33	692	30	535.0	33.0	5.1	Single Age
09SFB02-150	186	2.61	0.349	0.026	0.0471	0.0017	-0.087061	296	12	296.5	11	354	78	296.5	11.0	0.2	Single Age
09SFB02-151	448	1.994	0.6279	0.013	0.0793	0.0016	0.74185	494.5	8.4	491.9	9.8	521	14	491.9	9.8	0.5	Single Age
09SFB02-152	212.3	3.088	0.617	0.012	0.0783	0.0016	0.37987	487.8	7.8	486	9.6	507	17	486.0	9.6	0.4	Single Age
09SFB02-153	480	2.05	0.89	0.016	0.1059	0.0016	0.6341	646	8.7	649.5	9.8	653.5	9.9	649.5	9.8	0.5	Single Age
09SFB02-154	419.1	16.6	0.803	0.017	0.0956	0.0018	0.82455	599.3	9.3	589.7	11	637	11	589.7	11.0	1.6	Single Age
09SFB02-155	353	11.8	0.567	0.027	0.0729	0.0032	0.94791	454	18	453	19	485	16	453.0	19.0	0.2	Single Age
09SFB02-156	195	2.052	0.913	0.018	0.1051	0.0017	0.62479	659	9.5	644	10	691	22	644.0	10.0	2.3	Single Age
09SFB02-157	843	15.5	0.3317	0.011	0.04335	0.0012	0.47222	290.8	8.4	273.5	7.6	457	23	273.5	7.6	5.9	Single Age
09SFB02-158	363	5.14	0.763	0.015	0.0932	0.0015	0.6018	575.9	8.6	574.5	9	580	17	574.5	9.0	0.2	Single Age
09SFB02-159	203	3.51	0.824	0.015	0.0991	0.0019	0.70846	610	8.4	609.2	11	624	14	609.2	11.0	0.1	Single Age
09SFB02-160	285.3	1.58	0.891	0.018	0.1075	0.0024	0.59848	646.6	9.6	658	14	601	22	658.0	14.0	1.8	Single Age
09SFB02-161	204	2.565	0.9	0.024	0.098	0.0025	0.68075	653	13	603	14	804	22	603.0	14.0	7.7	Single Age

Sample Name:	09-SFB-43																
Northern Helvetic Flysch (35 ± 3 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB43_1	394	16.8	0.6249	0.0082	0.07829	0.00097	0.43504	492.9	5.1	485.9	5.8	527	29	485.9	5.8	1.4	Rim
SFB43_1	100	5.2	0.6958	0.0094	0.08679	0.00089	0.36384	536.1	5.6	536.5	5.3	522	32	536.5	5.3	-0.1	Core
SFB43_2	394	0.62	0.782	0.011	0.09477	0.00081	0.58259	588	6.5	583.7	4.7	600	23	583.7	4.7	0.7	Single Age
SFB43_3	302.7	1.341	0.03778	0.00092	0.005668	0.000079	0.086616	37.65	0.9	36.44	0.5	102	61	36.4	0.5	3.2	Single Age
SFB43_4	307	1.55	0.8627	0.0075	0.10231	0.00077	0.78616	631.5	4.1	627.9	4.5	645	15	627.9	4.5	0.6	Single Age
SFB43_5	307.3	39.3	0.344	0.0073	0.04605	0.00061	0.68776	300.2	5.5	290.2	3.7	377	39	290.2	3.7	3.3	Single Age
SFB43_6	141.9	4.63	0.5092	0.0055	0.06647	0.00048	0.37165	417.8	3.7	414.8	2.9	429	23	414.8	2.9	0.7	Single Age
SFB43_7	212	1.278	14.08	0.13	0.5063	0.005	0.70257	2755	8.7	2641	21	2838	13	2838.0	13.0	6.9	Single Age
SFB43_8	578	0.96	0.03549	0.00058	0.005525	0.000058	0.024664	35.4	0.57	35.52	0.37	40	41	35.5	0.4	-0.3	Single Age
SFB43_9	147	2	0.623	0.017	0.0785	0.0021	0.94707	491	11	487	12	514	18	487.0	12.0	0.8	Single Age
SFB43_10	279.8	6.8	0.6663	0.0047	0.08158	0.00046	0.37702	518.4	2.9	505.6	2.8	582	16	505.6	2.8	2.5	Single Age
SFB43_12	318.6	31.2	0.8747	0.0073	0.1027	0.0011	0.46356	638.1	3.9	630.3	6.7	659	22	630.3	6.7	1.2	Rim
SFB43_12	187	2.03	1.191	0.024	0.1311	0.0022	0.80127	798	11	794	13	808	25	794.0	13.0	0.5	Core
SFB43_13	750	3.11	0.3134	0.0019	0.04347	0.00028	0.59045	276.8	1.5	274.3	1.8	300	13	274.3	1.8	0.9	Single Age
SFB43_14	669	0.901	0.7659	0.0082	0.0906	0.0011	0.84397	577.3	4.7	559	6.6	656	15	559.0	6.6	3.2	Single Age
SFB43_15	409	30.8	0.5461	0.004	0.06942	0.00039	0.52032	442.4	2.6	432.7	2.4	494	15	432.7	2.4	2.2	Single Age
SFB43_16	320	2.83	0.668	0.018	0.0813	0.0017	0.91721	519	11	504	10	581	25	504.0	10.0	2.9	Single Age
SFB43_17	161.2	0.98	0.8024	0.0089	0.0969	0.001	0.53507	598.1	5	596	6	601	25	596.0	6.0	0.4	Single Age
SFB43_18	453	64	0.4362	0.0073	0.05775	0.0007	0.87443	367.4	5.2	361.9	4.3	392	17	361.9	4.3	1.5	Single Age
SFB43_19	124.2	0.36	0.7143	0.0062	0.08701	0.00065	0.54308	547.7	3.8	537.8	3.8	582	20	537.8	3.8	1.8	Single Age
SFB43_20	373	9.04	0.588	0.012	0.07497	0.00082	0.84779	469.1	7.4	466	4.9	512	34	466.0	4.9	0.7	Single Age
SFB43_21	43.3	0.979	0.821	0.015	0.0983	0.0011	0.55256	608.3	8.5	604.3	6.6	626	34	604.3	6.6	0.7	Single Age
SFB43_22	70.7	1.378	1.705	0.027	0.1646	0.0027	0.62874	1010	10	982	15	1083	28	1083.0	28.0	9.3	Single Age
SFB43_23	23.2	0.307	0.769	0.015	0.0958	0.0015	0.3013	578.6	8.5	589.8	8.8	533	43	589.8	8.8	-1.9	Single Age
SFB43_24	218.1	1.32	6.093	0.056	0.3542	0.0033	0.81748	1989	8	1954	16	2025	13	2025.0	13.0	3.5	Single Age
SFB43_25	1306	78.1	0.3588	0.0028	0.04897	0.00036	0.80855	311.3	2.1	308.2	2.2	340	10	308.2	2.2	1.0	Single Age
SFB43_26	215	1.1	0.891	0.025	0.1028	0.0013	0.22383	646	13	630.6	7.5	662	39	630.6	7.5	2.4	Single Age
SFB43_27	231.3	1.89	0.7802	0.005	0.0941	0.00064	0.41744	585.5	2.9	579.7	3.8	608	15	579.7	3.8	1.0	Single Age
SFB43_28	613	4.18	0.3154	0.003	0.04328	0.00038	0.66283	278.3	2.3	273.1	2.3	325	18	273.1	2.3	1.9	Single Age
SFB43_29	163	1.227	0.7063	0.0066	0.0842	0.00069	0.33145	542.4	3.9	521.1	4.1	613	18	521.1	4.1	3.9	Single Age
SFB43_30	248.9	1.488	0.0392	0.0016	0.005561	0.000098	0.42855	39	1.6	35.75	0.63	254	90	35.8	0.6	8.3	Single Age
SFB43_31	464	4.88	0.3153	0.0028	0.04374	0.00031	0.62992	278.2	2.2	276	1.9	291	16	276.0	1.9	0.8	Single Age
SFB43_32	175.5	2.652	0.6038	0.005	0.077	0.00061	0.69534	479.6	3.2	478.2	3.7	476	15	478.2	3.7	0.3	Single Age
SFB43_33	186	1.346	0.0372	0.0018	0.00576	0.00014	-0.01487	37.1	1.7	37.02	0.92	56	92	37.0	0.9	0.2	Rim
SFB43_33	92.4	0.491	5.092	0.058	0.3204	0.0031	0.8073	1836	9.2	1791	15	1876	12	1876.0	12.0	4.5	Core
SFB43_34	1068	70	1.23	0.17	0.1161	0.0081	0.99466	809	79	707	47	1070	150	DISC	DISC	12.6	Single Age
SFB43_35	314	1.258	0.8434	0.0057	0.10032	0.00073	0.47426	621	3.2	616.2	4.3	627	17	616.2	4.3	0.8	Single Age
SFB43_36	249	5.13	0.5749	0.0083	0.07431	0.00099	0.82216	460.9	5.3	462	5.9	444	18	462.0	5.9	-0.2	Single Age
SFB43_37	204	0.903	0.7815	0.0081	0.09433	0.00058	0.47586	586.2	4.6	581.1	3.4	598	19	581.1	3.4	0.9	Single Age
SFB43_38	388	1.821	0.3366	0.003	0.04687	0.00038	0.25411	294.5	2.2	295.3	2.4	284	18	295.3	2.4	-0.3	Single Age
SFB43_39	42.1	1.68	6.012	0.079	0.3396	0.0046	0.60827	1977	11	1884	22	2067	19	2067.0	19.0	8.9	Single Age
SFB43_40	340	8.9	0.6277	0.0072	0.08038	0.00082	0.64086	494.6	4.5	498.4	4.9	481	20	498.4	4.9	-0.8	Single Age
SFB43_41	103.43	0.845	0.836	0.014	0.0986	0.0011	0.57681	617	7.5	606.2	6.5	641	23	606.2	6.5	1.8	Single Age
SFB43_42	57.89	1.166	1.533	0.015	0.1546	0.0015	0.44731	943.7	5.9	926.8	8.3	981	19	981.0	19.0	5.5	Single Age
SFB43_43	777	13.56	0.5325	0.0057	0.06805	0.00076	0.76875	433.9	3.8	424.4	4.6	474	14	424.4	4.6	2.2	Single Age
SFB43_44	550	1.11	0.742	0.035	0.08719	0.00087	0.43129	555	14	538.9	5.2	631	52	538.9	5.2	2.9	Single Age
SFB43_45	322	2.78	0.6074	0.0064	0.07666	0.00089	0.73301	481.9	4	476.1	5.4	486	24	476.1	5.4	1.2	Single Age
SFB43_46	494	107	0.469	0.04	0.0617	0.0043	0.93809	390	28	386	26	451	72	386.0	26.0	1.0	Rim
SFB43_46	74.8	1.125	12.62	0.15	0.4822	0.0059	0.77068	2654	11	2536	26	2739	15	2739.0	15.0	7.4	Core
SFB43_47	52.3	1.068	11.649	0.075	0.4747	0.0038	0.74071	2576	6	2504	17	2631	9.5	2631.0	9.5	4.8	Single Age
SFB43_48	121	1.46	6.504	0.049	0.3568	0.0027	0.82879	2046	6.6	1967	13	2118.3	9.5	2118.3	9.5	7.1	Single Age
SFB43_49	434	1.24	0.03604	0.00094	0.00559	0.000092	-0.050508	35.95	0.92	35.94	0.59	35	65	35.9	0.6	0.0	Single Age
SFB43_50	246	3.38	0.63	0.01	0.08079	0.00087	0.27458	495.9	6.5	500.8	5.2	483	24	500.8	5.2	-1.0	Single Age
SFB43_51	420	6.9	0.5582	0.0044	0.07257	0.00056	0.36133	450.2	2.8	451.6	3.4	449	20	451.6	3.4	-0.3	Single Age
SFB43_52	334	1.32	0.03437	0.00083	0.005418	0.000065	0.23831	34.3	0.82	34.83	0.42	32	51	34.8	0.4	-1.5	Single Age
SFB43_53	212.8	1.353	0.037	0.0014	0.005668	0.00008	-0.006475	36.9	1.3	36.43	0.51	89	80	36.4	0.5	1.3	Single Age
SFB43_54	98	1.488	0.6005	0.0071	0.07673	0.00082	0.39308	477.4	4.5	476.5	4.9	481	26	476.5	4.9	0.2	Single Age
SFB43_55	206	1.25	0.6395	0.0076	0.07995	0.00081	0.56519	501.8	4.7	495.8	4.8	546	20	495.8	4.8	1.2	Single Age
SFB43_56	994	11.9	0.8135	0.0061	0.09597	0.00071	0.72215	604.3	3.4	590.7	4.2	667	12	590.7	4.2	2.3	Single Age
SFB43_57	917	79	0.881	0.0062	0.10367	0.00079	0.71886	641.5	3.4	635.9	4.6	671	13	635.9	4.6	0.9	Single Age
SFB43_58	42.6	0.63	0.361	0.01	0.04761	0.00063	0.30463	312.6	7.4	299.8	3.9	426	59	299.8	3.9	4.1	Single Age
SFB43_59	306	3.44	1.161	0.012	0.1291	0.0012	0.25309	782	5.6	782.5	6.6	786	16	782.5	6.6	-0.1	Single Age
SFB43_60	79.4	1.589	1.102	0.014	0.12086	0.00082	0.17628	753.8	6.5	735.5	4.7	818	24	735.5	4.7	2.4	Single Age
SFB43_61	287.7	7.2	0.773	0.013	0.0939	0.0015	0.88957	581.1	7.4	578.7	8.6	611	18	578.7	8.6	0.4	Single Age
SFB43_62	277	3.38	11.987	0.071	0.4717	0.0035	0.69308	2605	6.2	2491	15	2687.4	9.9	2687.4	9.9	7.3	Single Age
SFB43_63	373	10.08	0.6252	0.0083	0.0798	0.001	0.78719	492.9	5.1	494.8	6.2	512	21	494.8	6.2	-0.4	Single Age
SFB43_64	915	1.52	0.876	0.011	0.1039	0.0013	0.82851	638.8	5.9	637	7.5	671	16	637.0	7.5	0.3	Single Age
SFB43_65	491	1.374	0.03672	0.00097	0.005554	0.000075	0.15571	36.61	0.95	35.7	0.48	106	59	35.7	0.5	2.5	Single Age
SFB43_66	2150	5	0.4115	0.0094	0.0534	0.0011	0.56719	349.9	6.8	335.4	6.9	444	45	335.4	6.9	4.1	Rim
SFB43_66	428.4	1.16	0.7615	0.0064	0.09342	0.00072	0.51717	574.8	3.7	575.7	4.2	566	18	575.7	4.2	-0.2	Core
SFB43_67	416.2	1.687	0.038	0.0016	0.005863	0.000086	-0.28428	37.8	1.5	37.68	0.55	48	86	37.7	0.6	0.3	Single Age
SFB43_68	234	2.06	0.5816	0.0094	0.07531	0.00094	0.4503	465.4	6.1	468.1	5.6	462	36	468.1	5.6	-0.6	Rim
SFB43_68	265	1.416	1.03	0.017	0.1154	0.0011	0.72104	718.7	8.6	703.8	6.6	768	27	703.8	6.6	2.1	Core
SFB43_69	52.44	1.295	13.061	0.074	0.5037	0.0036	0.41867	2685	5.1	2629	15	2726	11	2726.0	11.0	3.6	Single Age
SFB43_70	191.3	1.343	0.0357	0.001	0.005601	0.000083	0.2575	35.6	1	36.01	0.53	36	54	36.0	0.5	-1.2	Single Age
SFB43_71	137	0.804	0.339	0.011	0.03081	0.00041	0.42278	297.3	8.5	195.6	2.5	1190	55	DISC	DISC	34.2	Single Age
SFB43_73	249.9	3.15	0.5724	0.008	0.074	0.0012	0.83456	459.4	5.2	460.3	7.2	471	27	460.3	7.2	-0.2	Single Age
SFB43_74	170	1.8	0.765	0.013	0.0945	0.0012	0.73461	576.5	7.7	582.9	7.1	569	25	582.9	7.1	-1.1	Single Age
SFB43_75	1330	17.45	0.4131	0.0042	0.05371	0.0008	0.65015	351.1	3	337.3	4.9	468	26	337.3	4.9	3.9	Rim
SFB43_75	448	4.23	0.5562	0.0055	0.07129	0.00054	0.57357	448.9	3.6	443.9	3.3	478	18	443.9	3.3	1.1	Core
SFB43_76	138	0.94	0.925	0.067	0.0924	0.0011	0.42704	661	35	569.4	6.6	960	140	DISC	DISC	13.9	Single Age
SFB43_77	38.5	1.352	0.803	0.067	0.06232	0.00089	-0.074809	588	34	389.7	5.4	1400	130	DISC	DISC	33.7	Single Age
SFB43_78	139.2	1.851	0.5447	0.0084	0.07058	0.00079	0.49224	441.3	5.5	439.6	4.8	448	28	439.6	4.8	0.4	Single Age
SFB43_80	48	1.578	1.218	0.015	0.1301	0.0014	0.36184	808.6	6.7	788.2	7.9	849	24	788.2	7.9	2.5	Single Age
SFB43_81	563	10.83	0.5372	0.0036	0.06912	0.00045	0.58631	436.5	2.3	430.9	2.7	470	13	430.9	2.7	1.3	Single Age
SFB43_82	80.6	4.133	0.7178	0.0081	0.08834	0.00073	0.244	549.1	4.8	545.7	4.3	553	25	545.7	4.3	0.6	Single Age
SFB43_83	301	1.832	0.7694	0.0062	0.09326	0.00064	0.59111	579.3	3.6	574.8	3.7	596	13	574.8	3.7	0.8	Single Age
SFB43_84	353	11.7	0.592	0.011	0.0757	0.0014	0.6227	472.2	7	470.2	8.5	473	33	470.2	8.5	0.4	Rim

SFB43_84	214	1.634	0.951	0.012	0.1028	0.0013	0.015153	678.4	6.3	630.8	7.4	817	30	630.8	7.4	7.0	Core
SFB43_86	1220	15	0.5567	0.0038	0.0712	0.00048	0.61004	449.4	2.5	443.4	2.9	483	14	443.4	2.9	1.3	Single Age
SFB43_87	999	59	0.419	0.011	0.0554	0.0016	0.7895	355.3	7.6	347.5	9.7	380	34	347.5	9.7	2.2	Rim
SFB43_87	100.3	1.487	0.7588	0.0085	0.09191	0.00087	0.44596	573.2	4.9	566.8	5.1	589	23	566.8	5.1	1.1	Core
SFB43_88	46.2	1.184	1.312	0.014	0.1414	0.0012	0.313	850.9	6.1	852.3	6.7	849	24	849.0	6.7	-0.2	Single Age
SFB43_89	855	3.376	0.3496	0.0022	0.04851	0.00032	0.54908	304.6	1.7	305.3	2	310	15	305.3	2.0	-0.2	Single Age
SFB43_90	288	3.52	0.5769	0.0055	0.07386	0.00064	0.58386	462.4	3.6	459.3	3.8	482	18	459.3	3.8	0.7	Single Age
SFB43_91	1127	2.11	0.3253	0.0035	0.04494	0.00038	0.64573	285.9	2.7	283.8	2.2	311	22	283.8	2.2	0.7	Single Age
SFB43_93	285.2	1.842	0.864	0.03	0.0963	0.0016	0.81875	631	16	592.7	9.3	772	50	592.7	9.3	6.1	Single Age
SFB43_94	799	2.98	0.4579	0.0059	0.06031	0.00079	0.81717	382.7	4.1	377.5	4.8	414	19	377.5	4.8	1.4	Single Age
SFB43_95	598	1.984	0.5355	0.007	0.06835	0.00095	0.83224	435.3	4.6	426.2	5.7	494	17	426.2	5.7	2.1	Single Age
SFB43_96	129	1.292	0.862	0.01	0.1027	0.001	0.53759	631	5.5	630.1	6.1	639	24	630.1	6.1	0.1	Single Age
SFB43_97	99	1.294	0.6976	0.008	0.08708	0.00092	0.55647	537.2	4.8	538.2	5.5	530	22	538.2	5.5	-0.2	Single Age
SFB43_98	674	47	0.4282	0.0086	0.0575	0.001	0.86467	361.8	6.1	360.7	6.2	382	24	360.7	6.2	0.3	Rim
SFB43_98	84.2	1.136	1.046	0.012	0.1201	0.0011	0.041204	727.7	5.6	731.4	6.2	728	27	731.4	6.2	-0.5	Core
SFB43_99	159	1.125	0.7997	0.0083	0.09682	0.00071	0.22942	596.5	4.7	595.7	4.1	612	25	595.7	4.1	0.1	Single Age
SFB43_100	135	0.96	0.733	0.011	0.0896	0.0011	0.47869	558.6	6.1	553.1	6.4	580	27	553.1	6.4	1.0	Single Age
SFB43_101	743	3.214	0.3427	0.0022	0.0475	0.00025	0.65255	299.2	1.6	299.1	1.6	297	12	299.1	1.6	0.0	Single Age
SFB43_102	260	1.257	0.03734	0.00098	0.005762	0.000088	0.025078	37.21	0.96	37.04	0.56	30	58	37.0	0.6	0.5	Single Age
SFB43_104	381	1.893	4.018	0.042	0.2389	0.0029	0.82999	1638	8.6	1381	15	1965	11	DISC	DISC	29.7	Single Age
SFB43_105	451	6.3	0.9414	0.008	0.10923	0.00089	0.72961	673.5	4.2	668.3	5.2	682	13	668.3	5.2	0.8	Single Age
SFB43_106	293	2.13	1.792	0.02	0.1721	0.0024	0.41602	1043	7.2	1023	13	1063	27	1063.0	27.0	3.8	Single Age
SFB43_107	59.7	1.148	1.379	0.048	0.1339	0.0018	0.60445	879	20	810	10	1070	53	810.0	10.0	7.8	Single Age
SFB43_108	272	2.16	6.696	0.07	0.3623	0.0038	0.88364	2072	9.2	1993	18	2148.8	8.8	2148.8	8.8	7.3	Single Age
SFB43_109	279	47.8	0.852	0.015	0.0998	0.0013	0.81716	625.5	8	613	7.7	668	24	613.0	7.7	2.0	Single Age
SFB43_110	231	1.647	0.6112	0.006	0.07771	0.00063	0.39774	484.2	3.8	482.4	3.8	477	20	482.4	3.8	0.4	Single Age
SFB43_111	194	1.829	0.6206	0.0096	0.0749	0.00051	0.54906	489.9	6	465.6	3.1	607	29	465.6	3.1	5.0	Single Age
SFB43_112	370	4.18	0.5558	0.0076	0.07037	0.00088	0.86666	448.7	4.9	438.4	5.3	497	16	438.4	5.3	2.3	Single Age
SFB43_113	246	35.6	0.8289	0.0075	0.09964	0.00082	0.36234	612.9	4.2	612.3	4.8	607	22	612.3	4.8	0.1	Single Age
SFB43_114	252	3.556	0.7405	0.0066	0.08983	0.00079	0.51696	562.6	3.9	554.5	4.6	579	17	554.5	4.6	1.4	Single Age
SFB43_115	363.1	0.739	0.777	0.019	0.0895	0.0011	0.5054	583	11	552.5	6.2	682	33	552.5	6.2	5.2	Single Age
SFB43_116	337	5.05	0.57	0.0046	0.07303	0.00049	0.17262	458	3	454.4	2.9	462	19	454.4	2.9	0.8	Single Age
SFB43_117	289	1.963	0.9006	0.0093	0.1053	0.0012	0.71623	651.9	5	645.3	6.9	660	20	645.3	6.9	1.0	Single Age
SFB43_118	341	2.15	0.3352	0.0064	0.04506	0.00058	0.24526	293.5	4.9	284.1	3.6	351	32	284.1	3.6	3.2	Rim
SFB43_118	189.5	1.169	1.052	0.019	0.1163	0.0016	0.79042	729.6	9.3	709.3	9.1	795	22	709.3	9.1	2.8	Core
SFB43_119	385	1.973	0.7909	0.0096	0.0947	0.00077	0.091927	591.5	5.4	583.2	4.6	609	24	583.2	4.6	1.4	Single Age
SFB43_120	497	9.1	0.5808	0.0042	0.07453	0.00051	0.37288	464.9	2.7	463.4	3.1	468	16	463.4	3.1	0.3	Single Age

U-Pb Data-Thun Section

Sample Name:	OA-13-SFB03																
Lower Freshwater Molasse I (27 ± 0.5 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB03_1	175	1.77	0.781	0.013	0.0933	0.0013	0.29388	586.7	7.5	574.8	7.4	628	40	574.8	7.4	2.0	Single Age
SFB03_2	286	5.1	5.51	0.069	0.3311	0.0042	0.78121	1904	12	1843	20	1983	19	1983	19	7.1	Single Age
SFB03_3	207	7.12	0.701	0.012	0.0856	0.001	0.29297	539.6	7.3	529.6	6	560	36	529.6	6	1.9	Single Age
SFB03_4	290	131.9	0.3703	0.0061	0.05239	0.00057	0.15374	319.7	4.5	329.2	3.5	269	40	329.2	3.5	3.0	Single Age
SFB03_5	331	1.3	0.749	0.01	0.0916	0.001	0.38519	569.3	5.5	565.1	6.2	571	30	565.1	6.2	0.7	Single Age
SFB03_6	207	0.709	1.718	0.036	0.1717	0.003	0.61942	1016	13	1021	16	1031	36	1031	36	1.0	Single Age
SFB03_7	85.6	0.8029	24.12	0.24	0.6511	0.0085	0.66767	3274.2	9.4	3237	34	3304	15	3304	15	2.0	Single Age
SFB03_8	666	1.531	0.4013	0.0098	0.0498	0.0015	0.75263	342.3	7.1	313.4	9.1	531	41	313.4	9.1	8.4	Single Age
SFB03_9	132.7	1.633	0.32	0.01	0.04363	0.00086	0.45165	281.2	7.8	275.2	5.3	306	61	275.2	5.3	2.1	Single Age
SFB03_10	663	95	0.365	0.027	0.0489	0.0028	0.66477	316	20	308	17	380	120	308	17	2.5	Rim
SFB03_10	325	7.31	0.5217	0.0093	0.0682	0.0011	0.4951	428.9	6	425	6.9	443	41	425	6.9	0.9	Core
SFB03_11	49.1	2.131	0.287	0.014	0.0379	0.0012	0.21016	255	11	239.6	7.5	430	120	239.6	7.5	6.0	Single Age
SFB03_12	111.9	0.824	0.684	0.023	0.0841	0.0015	0.29133	529	14	520.4	9	560	66	520.4	9	1.6	Single Age
SFB03_13	187	1.152	0.56	0.016	0.0721	0.0019	0.63396	451	10	449	11	461	55	449	11	0.4	Single Age
SFB03_14	128	0.614	0.888	0.016	0.1022	0.0015	0.33092	644.7	8.6	627	8.7	718	43	627	8.7	2.7	Single Age
SFB03_15	631	18	0.517	0.018	0.0681	0.0018	0.51381	423	12	425	11	417	71	425	11	0.5	Rim
SFB03_15	237	6.11	0.593	0.015	0.0766	0.0012	0.28562	472.5	9.7	475.9	7.2	474	63	475.9	7.2	0.7	Core
SFB03_16	164	1.366	0.35	0.012	0.04722	0.00086	0.11813	305	8.6	297.4	5.3	368	76	297.4	5.3	2.5	Single Age
SFB03_17	85.3	0.853	0.774	0.017	0.0949	0.0014	0.11872	581.2	9.8	586.7	8.1	582	49	586.7	8.1	0.9	Single Age
SFB03_19	134.4	1.013	4.32	0.085	0.2723	0.0054	0.43226	1701	15	1552	28	1892	42	1892	42	18.0	Single Age
SFB03_20	84	0.925	5.61	0.18	0.316	0.011	0.72092	1914	27	1767	55	2055	48	2055	48	14.0	Single Age
SFB03_21	598	3.444	0.3281	0.0058	0.04572	0.00068	0.57836	288.5	4.6	288.1	4.2	304	36	288.1	4.2	0.1	Single Age
SFB03_22	216	20.2	0.444	0.02	0.0546	0.0021	0.3526	373	14	343	13	520	130	343	13	8.0	Single Age
SFB03_23	348	12.8	0.53	0.057	0.0662	0.0016	0.34497	431	37	413.1	9.6	520	260	413.1	9.6	4.2	Rim
SFB03_23	230	1.974	0.745	0.015	0.0909	0.002	0.30397	565.2	8.7	561	12	601	58	561	12	0.7	Core
SFB03_25	732	2.76	0.3191	0.0067	0.04455	0.00077	0.57481	281.1	5.1	280.9	4.7	288	42	280.9	4.7	0.1	Single Age
SFB03_26	17.95	1.172	2.88	0.44	0.1612	0.0079	0.66656	1370	120	963	44	2050	190	DISC	DISC	53.0	Single Age
SFB03_27	921	126	0.408	0.011	0.0567	0.0012	0.48129	346.9	8	355.3	7.1	335	46	355.3	7.1	2.4	Rim
SFB03_27	203.4	1.026	0.693	0.021	0.0852	0.003	0.47303	534	13	527	18	537	65	527	18	1.3	Core
SFB03_28	616	5.8	0.3849	0.0086	0.04967	0.0006	0.41076	330.6	6.3	312.5	3.7	456	53	312.5	3.7	5.5	Rim
SFB03_28	271.2	3	0.511	0.016	0.0688	0.0022	0.6732	419	11	429	13	337	58	429	13	2.4	Core
SFB03_29	107.9	4.56	0.338	0.011	0.0472	0.0013	0.18209	295	8.2	297.2	8.2	313	80	297.2	8.2	0.7	Single Age
SFB03_31	104.4	1.843	5.4	0.13	0.3063	0.0073	0.79093	1893	20	1728	38	2074	33	2074	33	16.7	Single Age
SFB03_32	600	1.462	0.3805	0.0065	0.05129	0.00078	0.47048	327.3	4.7	322.4	4.8	379	37	322.4	4.8	1.5	Single Age
SFB03_33	239	0.93	0.707	0.027	0.0824	0.0028	0.67598	542	16	510	17	707	59	510	17	5.9	Single Age
SFB03_34	538	30.2	0.552	0.028	0.062	0.0017	0.60919	446	19	388	10	742	90	DISC	DISC	13.0	Single Age
SFB03_35	684	3.198	0.3276	0.0065	0.04365	0.00092	0.55588	287.6	4.9	275.4	5.7	392	45	275.4	5.7	4.2	Single Age
SFB03_36	203.7	10.31	0.3824	0.0072	0.05234	0.00091	0.10035	328.6	5.3	328.8	5.6	332	54	328.8	5.6	0.1	Single Age
SFB03_37	439	3.284	0.3446	0.0063	0.0465	0.001	0.41663	300.5	4.8	292.6	6.2	398	50	292.6	6.2	2.6	Single Age
SFB03_38	247	4.8	0.469	0.016	0.061	0.0023	0.48072	390	11	381	14	491	76	381	14	2.3	Single Age
SFB03_39	231	2.86	0.5685	0.0098	0.074	0.0012	0.40187	457.6	6.2	460	7.1	451	42	460	7.1	0.5	Single Age
SFB03_40	866	1.95	0.369	0.011	0.0467	0.0012	0.63472	318.5	8.2	294	7.4	511	48	294	7.4	7.7	Single Age
SFB03_41	463	1.5	0.73	0.012	0.0897	0.0018	0.58891	556.2	6.8	553	10	612	35	553	10	0.6	Single Age
SFB03_42	76	2.25	0.545	0.027	0.0686	0.0017	0.61515	440	18	428	10	516	80	428	10	2.7	Single Age
SFB03_43	193	2.81	0.925	0.039	0.1062	0.0045	0.35486	664	21	651	26	760	110	651	26	2.0	Single Age
SFB03_44	79	2.76	0.691	0.022	0.0823	0.0021	0.23015	533	13	510	13	711	87	510	13	4.3	Single Age
SFB03_45	276	2.857	0.336	0.019	0.0428	0.0025	0.59526	293	14	270	15	580	110	270	15	7.8	Single Age
SFB03_46	29.5	2.03	0.423	0.038	0.0511	0.0029	0.31689	356	27	325	17	630	200	325	17	8.7	Single Age
SFB03_47	650	3.01	0.386	0.011	0.0513	0.0019	0.48247	332.9	8.3	322	12	367	80	322	12	3.3	Single Age
SFB03_48	161.4	4.33	0.383	0.017	0.0502	0.0024	0.43116	329	13	316	15	500	100	316	15	4.0	Single Age
SFB03_50	239	7.69	0.744	0.031	0.072	0.0035	0.71612	563	18	448	21	1064	70	DISC	DISC	20.4	Single Age
SFB03_51	149.6	5.55	0.394	0.02	0.0493	0.0033	0.66407	336	15	310	20	490	110	310	20	7.7	Single Age
SFB03_52	71.9	1.171	0.431	0.034	0.0494	0.0033	0.74893	362	24	311	20	788	93	DISC	DISC	14.1	Single Age
SFB03_54	199.2	3.324	0.751	0.018	0.0914	0.0023	0.67765	568	11	566	14	568	44	566	14	0.4	Single Age
SFB03_55	500	2.64	0.722	0.021	0.0885	0.002	0.69569	555	10	546	12	604	46	546	12	1.6	Single Age
SFB03_56	165.3	1.223	0.762	0.026	0.0872	0.003	0.69242	576	16	539	18	731	51	539	18	6.4	Single Age
SFB03_57	31.1	2.426	0.587	0.03	0.0719	0.0019	0.06353	470	20	447	11	550	120	447	11	4.9	Single Age
SFB03_58	479	4.41	0.344	0.018	0.0462	0.0025	0.764	299	13	291	15	386	80	291	15	2.7	Single Age
SFB03_59	187	0.978	1.296	0.037	0.1319	0.0047	0.61836	843	16	798	27	945	53	798	27	5.3	Single Age
SFB03_60	444	17.5	0.572	0.028	0.073	0.0025	0.58891	459	18	454	15	560	110	454	15	1.1	Rim
SFB03_60	186.3	2.172	2.43	0.14	0.173	0.0053	0.82002	1248	42	1029	29	1629	65	DISC	DISC	36.8	Core
SFB03_61	285.9	3.31	0.571	0.028	0.0658	0.0026	0.68459	458	18	411	16	679	83	DISC	DISC	10.3	Single Age
SFB03_62	70.2	1.138	0.387	0.017	0.0517	0.0018	0.16642	333	13	325	11	430	110	325	11	2.4	Single Age
SFB03_63	241	38.6	0.419	0.011	0.04778	0.00095	0.42148	354.8	7.8	300.8	5.8	725	49	DISC	DISC	15.2	Single Age
SFB03_64	63.5	13.82	0.679	0.045	0.0491	0.003	0.22909	522	27	309	18	1540	160	DISC	DISC	40.8	Single Age
SFB03_65	90.7	4.68	0.393	0.034	0.0512	0.0038	0.65279	336	24	321	23	480	170	321	23	4.5	Single Age
SFB03_66	264	7.38	0.611	0.035	0.0714	0.0041	0.48461	485	21	444	25	640	120	444	25	8.5	Single Age
SFB03_67	91.8	2.62	0.448	0.026	0.0469	0.0026	0.7068	373	18	297	16	830	100	DISC	DISC	20.4	Single Age
SFB03_68	235	37	0.676	0.033	0.0835	0.0052	0.67351	526	21	517	31	565	91	517	31	1.7	Single Age
SFB03_69	312	0.845	0.201	0.015	0.0147	0.0013	0.73822	186	13	93.8	8.2	1640	110	DISC	DISC	49.6	Single Age
SFB03_70	119.4	3.34	0.425	0.021	0.0476	0.004	0.54636	359	15	299	24	910	120	DISC	DISC	16.7	Single Age
SFB03_71	224	2.79	0.633	0.04	0.0628	0.0042	0.7006	495	25	392	26	973	98	DISC	DISC	20.8	Single Age
SFB03_72	135.8	3.76	0.345	0.023	0.046	0.0028	0.49222	299	17	290	17	400	150	290	17	3.0	Single Age
SFB03_73	198	31.9	0.739	0.042	0.0873	0.0058	0.32527	560	25	539	35	610	160	539	35	3.8	Single Age
SFB03_74	159	3.66	0.689	0.055	0.0413	0.0034	0.57556	527	32	261	21	1940	130	DISC	DISC	50.5	Single Age
SFB03_75	103	2.91	0.524	0.041	0.044	0.0026	0.60314	421	27	277	16	1250	120	DISC	DISC	34.2	Single Age
SFB03_76	143	23.1	0.742	0.058	0.0867	0.0074	0.4088	560	33	535	44	570	200	535	44	4.5	Single Age
SFB03_77	60.3	0.731	0.581	0.05	0.0676	0.0046	0.64623	462	32	421	28	590	150	421	28	8.9	Single Age
SFB03_78	194.3	1.166	0.255	0.011	0.0343	0.001	0.38302	230.1	8.8	217.6	6.2	376	93	217.6	6.2	5.4	Single Age
SFB03_79	547	1.597	0.3286	0.0071	0.04213	0.00061	0.5451	288.4	5.5	266	3.8	464	40	266	3.8	7.8	Single Age
SFB03_80	129.1	1.369	7.59	0.16	0.3552	0.0058	0.19794	2183	19	1959	27	2387	38	2387	38	17.9	Single Age
SFB03_81	598	2.98	0.697	0.014	0.0867	0.002	0.69323	537.6	8.3	536	12	562	37	536	12	0.3	Single Age
SFB03_82	115.9	3.5	0.64	0.023	0.0782	0.0021	0.22363	504	15	485	13	596	73	485	13	3.8	Single Age
SFB03_83	115.7	1.44	0.865	0.017	0.1037	0.0016	0.31326	632.3	9.2	636.2	9.1	626	51	636.2	9.1	0.6	Single Age
SFB03_84	464	29.8	0.453	0.012	0.0612	0.0014	0.41148	379	8.4	382.8	8.6	340	55	382.8	8.6	1.0	Single Age
SFB03_85	245	0.878	0.634	0.016	0.0794	0.0017	0.46345	497.8	9.8	493	10	564	56	493	10	1.0	Single Age
SFB03_86	659	2.369	0.275	0.012	0.0364	0.0015	0.28205	246.4	9.8	230.5	9.5	410	110	230.5	9.5	6.5	Single Age
SFB03_87	214	4.09	0.472	0.011	0.06126	0.00098	0.20374	393.7	7.6	384.3	5.7	455	60	384.3	5.7	2.4	Single Age
SFB03_88	388	4.16	0.241	0.013	0.0225	0.0014	0.36646	219	11	143.2	8.9	1120	140	DISC	DISC	34.6	Single Age
SFB03_89	188	6.45	1.564	0.093	0.155	0.011	0.59938	953	37	928	62	1020	120	1020	120	9.0	Single Age
SFB03_90	21.3	1.528	0.428	0.03	0.0472	0.0037	0.23716	363	22	297	23	930	210	DISC	DISC	18.2	Single Age
SFB03_91	210	4.97	1.362	0.069	0.1482	0.0075	0.74002	877	28	890	42	900	87	900	87	1.1	Single Age
SFB03_92	46	4.7	0.997	0.061	0.1149	0.0087	0.50981	698	30	698	50	660	130	698	50	0.0	Single Age

SFB03_93	92.9	22.7	0.34	0.02	0.0473	0.0031	0.47492	296	15	298	19	320	140	298	19	0.7	Single Age
SFB03_94	142.3	4.87	0.736	0.028	0.0854	0.0039	0.44903	560	16	528	23	727	82	528	23	5.7	Single Age
SFB03_95	315	6.26	0.355	0.011	0.0432	0.0013	0.68541	309.7	8.3	272.6	7.9	623	53	DISC	DISC	12.0	Single Age
SFB03_98	23.5	3.98	0.862	0.099	0.0667	0.0034	0.04619	622	52	416	20	1410	230	DISC	DISC	33.1	Single Age
SFB03_99	273	10.96	0.798	0.016	0.0977	0.0019	0.55906	594.9	9	601	11	591	42	601	11	1.0	Single Age
SFB03_100	75.5	1.766	0.712	0.056	0.0831	0.005	0.60803	543	33	514	30	670	130	514	30	5.3	Single Age
SFB03_101	32.7	1.97	14.21	0.8	0.522	0.032	0.79565	2750	53	2730	140	2786	69	2786	69	2.0	Single Age
SFB03_102	203	4.36	0.932	0.079	0.072	0.0032	0.39231	665	42	448	19	1530	200	DISC	DISC	32.6	Single Age
SFB03_103	254.5	2.595	0.3415	0.0096	0.04668	0.00096	0.6375	297.8	7.3	294.1	5.9	347	50	294.1	5.9	1.2	Single Age
SFB03_104	60.1	4.75	0.704	0.031	0.0854	0.0031	0.45703	542	18	528	18	591	94	528	18	2.6	Single Age
SFB03_105	189	0.984	0.736	0.038	0.0899	0.004	0.75364	561	23	558	24	569	64	558	24	0.5	Single Age
SFB03_106	508	19.6	0.523	0.013	0.0659	0.0018	0.53222	426.5	8.7	412	11	491	53	412	11	3.4	Single Age
SFB03_107	485	1.902	0.2905	0.0059	0.04036	0.00068	0.528	258.9	4.6	255	4.2	274	43	255	4.2	1.5	Single Age
SFB03_108	567	14.69	0.432	0.01	0.0575	0.00096	0.5652	364.5	7.3	360.4	5.8	395	49	360.4	5.8	1.1	Single Age
SFB03_109	306.8	76.8	0.3707	0.007	0.05076	0.00088	0.47511	319.9	5.1	319.1	5.4	342	40	319.1	5.4	0.3	Single Age
SFB03_110	77.1	1.073	0.31	0.012	0.0423	0.0012	0.15715	273.5	9.6	267	7.3	283	90	267	7.3	2.4	Single Age
SFB03_111	223.6	1.47	0.3587	0.0086	0.04769	0.0008	0.28656	311.7	6.2	300.3	4.9	376	57	300.3	4.9	3.7	Single Age
SFB03_112	138	3.07	0.371	0.012	0.04996	0.00095	0.11065	320.1	8.6	314.2	5.8	364	77	314.2	5.8	1.8	Single Age
SFB03_113	481	17.8	0.449	0.015	0.0568	0.0017	0.58026	376	11	356	10	478	61	356	10	5.3	Rim
SFB03_113	112	2.12	0.6	0.031	0.0746	0.0037	0.37448	476	20	464	22	530	120	464	22	2.5	Core
SFB03_114	968	137	0.3935	0.0088	0.0522	0.0014	0.65265	336.7	6.4	328.1	8.6	331	50	328.1	8.6	2.6	Single Age
SFB03_115	301.5	7.96	5.33	0.11	0.3197	0.0059	0.68977	1873	17	1788	29	1943	28	1943	28	8.0	Single Age
SFB03_116	524	3.44	0.3237	0.0051	0.04445	0.00072	0.39283	284.6	3.9	280.8	4.4	320	41	280.8	4.4	1.3	Single Age
SFB03_117	825	41.8	0.43	0.015	0.0581	0.0021	0.50238	363	11	364	13	342	81	364	13	0.3	Rim
SFB03_117	448	17.8	4.2	0.087	0.2744	0.0049	0.59505	1673	17	1563	25	1828	32	1828	32	14.5	Core
SFB03_118	107.2	3.47	0.295	0.015	0.0325	0.0012	0.3973	262	12	206.2	7.8	830	120	DISC	DISC	21.3	Single Age
SFB03_119	429	1.209	0.48	0.011	0.0623	0.0019	0.53357	397.6	7.4	390	11	443	62	390	11	1.9	Single Age
SFB03_120	187.2	1.039	0.2514	0.0077	0.03491	0.00079	0.22344	227.5	6.2	221.2	4.9	271	79	221.2	4.9	2.8	Single Age

Sample Name:	OA-13-SFB04																
Lower Freshwater Molasse I (26 ± 0.5 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SFB04_1	306	3.66	0.595	0.011	0.0753	0.0011	0.52789	474.6	6.8	468.1	6.7	494	34	468.1	6.7	1.4	Single Age
SFB04_2	449	0.848	0.853	0.014	0.1025	0.0014	0.15648	626.1	7.4	629.1	8.2	589	36	629.1	8.2	0.5	Single Age
SFB04_3	34.18	1.345	0.443	0.024	0.057	0.0015	0.12093	370	17	357.4	8.9	430	110	357.4	8.9	3.4	Single Age
SFB04_4	458	1.46	0.59	0.024	0.072	0.003	0.69544	470	16	448	18	531	81	448	18	4.7	Rim
SFB04_4	316.4	0.819	0.723	0.022	0.0834	0.0024	0.68912	552	13	516	14	683	47	516	14	6.5	Core
SFB04_5	295	30.8	0.593	0.021	0.0747	0.0019	0.55867	472	14	464	11	499	60	464	11	1.7	Rim
SFB04_5	63.5	1.057	0.8	0.028	0.0981	0.0022	0.22546	599	15	603	13	590	83	603	13	0.7	Core
SFB04_6	421	8.71	0.559	0.023	0.0686	0.0019	0.49305	451	15	428	11	522	87	428	11	5.1	Single Age
SFB04_7	334	1.32	0.795	0.013	0.0952	0.0021	0.46733	593.8	7.1	586	12	607	44	586	12	1.3	Single Age
SFB04_9	257	11.9	0.535	0.028	0.0665	0.0029	0.77797	438	20	415	17	576	61	415	17	5.3	Single Age
SFB04_10	299	1.462	1.695	0.031	0.1663	0.0035	0.64473	1006	12	991	19	1033	33	1033	33	4.1	Single Age
SFB04_11	843	9.85	0.737	0.026	0.0891	0.0037	0.78004	560	15	550	22	578	58	550	22	1.8	Rim
SFB04_11	625	12.24	0.84	0.02	0.0999	0.0022	0.5356	619	11	614	13	612	47	614	13	0.8	Core
SFB04_12	316	9.6	0.524	0.011	0.0668	0.0015	0.57842	427.4	7.4	416.6	8.8	455	41	416.6	8.8	2.5	Single Age
SFB04_13	92.3	1.738	6.27	0.13	0.3541	0.0072	0.39925	2014	18	1954	34	2070	42	2070	42	5.6	Single Age
SFB04_14	569	11.76	0.472	0.018	0.0602	0.0025	0.79884	392	13	377	15	453	65	377	15	3.8	Single Age
SFB04_15	342	5.1	0.884	0.028	0.1029	0.0028	0.42616	643	15	631	16	694	61	631	16	1.9	Rim
SFB04_15	102.5	0.87	0.99	0.03	0.1137	0.0025	0.09655	698	16	694	15	734	91	694	15	0.6	Core
SFB04_17	211.3	2.19	0.525	0.011	0.06657	0.00098	0.35245	427.7	7.4	415.4	5.9	470	44	415.4	5.9	2.9	Single Age
SFB04_18	431	15.9	0.458	0.014	0.06	0.0018	0.568	382	10	376	11	385	50	376	11	1.6	Rim
SFB04_18	54.6	0.573	0.795	0.049	0.0941	0.004	0.59354	591	28	579	24	661	96	579	24	2.0	Core
SFB04_19	223.3	32.6	0.562	0.024	0.0706	0.0028	0.45642	458	15	440	17	528	87	440	17	3.9	Single Age
SFB04_20	106.6	3.73	0.44	0.02	0.0442	0.0018	0.35125	372	14	279	11	962	81	DISC	DISC	25.0	Single Age
SFB04_21	89.1	2.449	7.74	0.18	0.3361	0.0081	0.68504	2201	21	1866	39	2533	32	DISC	DISC	26.3	Single Age
SFB04_22	258	1.542	0.504	0.029	0.0567	0.0037	0.68962	413	19	355	23	790	110	DISC	DISC	14.0	Single Age
SFB04_23	287	2.68	0.807	0.014	0.0939	0.0017	0.48281	600	7.6	578.7	9.8	644	38	578.7	9.8	3.6	Single Age
SFB04_24	934	12.1	0.386	0.017	0.0481	0.0017	0.87578	331	12	303	11	536	49	303	11	8.5	Single Age
SFB04_25	631	16.1	0.412	0.013	0.0552	0.0015	0.67512	350.3	9.3	346.3	9.3	376	55	346.3	9.3	1.1	Rim
SFB04_25	156.6	0.355	0.677	0.023	0.0841	0.0032	0.5152	525	14	520	19	590	82	520	19	1.0	Core
SFB04_26	501	2.676	0.3319	0.0065	0.04504	0.00074	0.52692	290.8	4.9	284	4.6	343	41	284	4.6	2.3	Single Age
SFB04_27	181	2.707	0.484	0.015	0.0589	0.0016	0.5203	402.8	9.9	369.1	9.7	621	56	369.1	9.7	8.4	Single Age
SFB04_28	183.5	2.273	3.114	0.072	0.2121	0.0057	0.73791	1438	17	1239	30	1751	30	DISC	DISC	29.2	Single Age
SFB04_29	151.7	2.119	0.343	0.018	0.0454	0.0016	0.63088	299	13	286.4	9.7	442	80	286.4	9.7	4.2	Single Age
SFB04_30	127.7	59.4	0.408	0.016	0.0548	0.0024	0.42455	347	11	344	14	401	88	344	14	0.9	Single Age
SFB04_31	72.6	0.833	0.716	0.047	0.0825	0.0034	0.64364	547	27	511	20	730	110	511	20	6.6	Single Age
SFB04_32	31.26	2.034	0.598	0.035	0.0744	0.0027	0.0252	474	23	462	16	540	140	462	16	2.5	Single Age
SFB04_33	76.1	19	0.583	0.04	0.0545	0.0032	0.59302	463	26	342	20	1120	120	DISC	DISC	26.1	Single Age
SFB04_34	68.2	3.59	2.93	0.16	0.1354	0.0055	0.46343	1385	42	818	31	2444	89	DISC	DISC	40.9	Single Age
SFB04_35	265	15.3	0.391	0.024	0.0493	0.0023	0.54424	335	18	310	14	450	140	310	14	7.5	Rim
SFB04_35	94.9	0.905	4.12	0.16	0.2432	0.007	0.37054	1656	32	1403	36	1986	76	DISC	DISC	29.4	Core
SFB04_36	85.5	24	0.696	0.049	0.0591	0.0033	0.57153	534	29	370	20	1290	120	DISC	DISC	30.7	Single Age
SFB04_37	654	16.9	0.4102	0.0066	0.05535	0.00073	0.43958	348.9	4.8	347.2	4.5	364	34	347.2	4.5	0.5	Single Age
SFB04_38	672	1.323	0.3105	0.0066	0.04249	0.0007	0.46093	274.4	5.1	268.3	4.3	347	48	268.3	4.3	2.2	Single Age
SFB04_39	29.5	1.068	0.974	0.073	0.1007	0.0062	0.04577	688	38	628	33	870	190	628	33	8.7	Single Age
SFB04_41	152	1.598	0.621	0.029	0.0717	0.0035	0.80938	488	18	446	21	765	58	446	21	8.6	Single Age
SFB04_42	76.5	7.96	0.603	0.034	0.0718	0.0036	0.57495	478	21	447	21	620	130	447	21	6.5	Single Age
SFB04_44	437	19.7	0.55	0.012	0.0708	0.0016	0.54439	444.6	7.6	442	9.1	424	50	442	9.1	0.6	Single Age
SFB04_45	824	15.4	0.415	0.019	0.0517	0.0023	0.56329	355	12	325	14	538	70	325	14	8.5	Single Age
SFB04_47	92.3	4.53	1.014	0.064	0.0847	0.0044	0.66843	709	32	524	26	1352	92	DISC	DISC	26.1	Single Age
SFB04_49	204.1	1.129	0.549	0.017	0.0692	0.0017	0.35271	443	11	431	10	474	59	431	10	2.7	Single Age
SFB04_50	439.2	3.438	9.82	0.15	0.4075	0.009	0.58686	2421	15	2203	41	2597	36	2597	36	15.2	Single Age
SFB04_51	811	3.39	0.3518	0.0082	0.0463	0.0013	0.26777	305.8	6.2	292.7	8.1	391	56	292.7	8.1	4.3	Single Age
SFB04_52	178.1	0.898	0.566	0.014	0.0718	0.001	0.04037	454.9	9.2	446.8	6.1	480	63	446.8	6.1	1.8	Single Age
SFB04_53	177	4.1	4.75	0.14	0.275	0.01	0.85078	1774	24	1565	51	2038	34	DISC	DISC	23.2	Single Age
SFB04_54	359	2.3	0.3549	0.008	0.0497	0.001	0.50602	308.1	6	312.7	6.3	278	46	312.7	6.3	1.5	Single Age
SFB04_55	486.9	0.8883	0.695	0.011	0.08056	0.00087	0.42181	535.6	6.3	499.4	5.2	678	36	499.4	5.2	6.8	Single Age
SFB04_56	194	5.45	6.52	0.15	0.3514	0.0079	0.69313	2052	20	1940	38	2170	33	2170	33	10.6	Single Age
SFB04_57	320	2.81	0.528	0.013	0.06798	0.00098	0.60137	429.9	8.6	423.9	5.9	481	43	423.9	5.9	1.4	Single Age
SFB04_58	181	0.394	0.728	0.015	0.0877	0.0011	0.17826	557.8	8.6	542.1	6.3	626	48	542.1	6.3	2.8	Single Age
SFB04_59	290	6.4	0.616	0.018	0.0782	0.0013	0.25179	487	12	485.4	7.6	468	60	485.4	7.6	0.3	Single Age
SFB04_60	962	56	0.357	0.012	0.0493	0.0014	0.52744	309.9	9.1	310.4	8.5	316	90	310.4	8.5	0.2	Rim
SFB04_60	115.8	1.96	0.734	0.018	0.0878	0.0019	0.40403	558	11	542	11	633	51	542	11	2.9	Core
SFB04_61	46.1	0.841	0.779	0.037	0.0891	0.0027	0.60474	583	21	550	16	717	86	550	16	5.7	Single Age
SFB04_62	41.3	1.213	0.636	0.041	0.0722	0.002	0.27275	498	25	449	12	720	120	449	12	9.8	Single Age

SFB04_63	307	5.66	0.569	0.011	0.0711	0.0012	0.55812	456.8	6.8	442.9	7.1	512	38	442.9	7.1	3.0	Single Age
SFB04_64	65.5	0.495	0.833	0.024	0.0967	0.0026	0.52043	614	13	595	15	646	64	595	15	3.1	Single Age
SFB04_65	481	86.8	0.4083	0.0071	0.05428	0.00086	0.40135	347.4	5.1	341.4	5.1	345	43	341.4	5.1	1.7	Single Age
SFB04_66	466	2.017	0.657	0.012	0.0814	0.0013	0.30506	512.8	7.6	504.7	7.9	536	47	504.7	7.9	1.6	Single Age
SFB04_67	198.6	1.302	6.167	0.076	0.3629	0.0044	0.66536	1999	11	1996	21	1997	16	1997	16	0.1	Single Age
SFB04_69	714	4.21	0.447	0.019	0.0598	0.002	0.35051	375	13	375	12	400	110	375	12	0.0	Single Age
SFB04_70	47.6	1.383	3.86	0.17	0.2564	0.0079	0.64267	1602	35	1471	40	1777	71	1777	71	17.2	Single Age
SFB04_71	780	3.18	0.2991	0.0059	0.04165	0.00073	0.71544	265.5	4.6	263	4.5	290	33	263	4.5	0.9	Single Age
SFB04_72	960	232	0.412	0.027	0.0551	0.004	0.87429	349	20	346	24	427	83	346	24	0.9	Rim
SFB04_72	282	1.588	1.584	0.042	0.1575	0.0048	0.69846	963	17	942	27	970	41	970	41	2.9	Core
SFB04_73	511	1.31	0.703	0.014	0.0852	0.0018	0.67971	540.1	8.6	527	11	580	38	527	11	2.4	Single Age
SFB04_74	164	2.174	0.759	0.014	0.0934	0.002	0.35101	572.6	8.3	575	12	566	43	575	12	0.4	Single Age
SFB04_75	200	2.59	0.578	0.015	0.0737	0.002	0.25882	462.2	9.8	458	12	484	59	458	12	0.9	Single Age
SFB04_76	182	2.94	0.723	0.024	0.09	0.003	0.65626	553	14	555	18	544	66	555	18	0.4	Single Age
SFB04_77	72.5	2.95	0.725	0.023	0.0761	0.002	0.30719	553	14	473	12	884	80	DISC	DISC	14.5	Single Age
SFB04_79	650	51.2	0.62	0.12	0.0425	0.0018	0.25645	484	77	269	11	1610	340	DISC	DISC	44.4	Rim
SFB04_79	1090	43.8	0.602	0.012	0.0741	0.0014	0.35932	478.2	7.4	460.6	8.4	553	48	460.6	8.4	3.7	Core
SFB04_81	78.3	1.38	7.18	0.14	0.3858	0.0078	0.59898	2131	17	2102	36	2160	30	2160	30	2.7	Single Age
SFB04_82	276.4	1.668	0.879	0.013	0.1056	0.0014	0.44559	641	7	646.9	8.4	611	32	646.9	8.4	0.9	Single Age
SFB04_83	125.6	0.738	0.555	0.018	0.0711	0.0016	0.53828	447	12	442.4	9.9	453	61	442.4	9.9	1.0	Single Age
SFB04_84	1120	8.54	0.464	0.012	0.05273	0.00069	0.14703	386.9	8.4	331.2	4.2	740	66	DISC	DISC	14.4	Single Age
SFB04_85	234	1.49	6.62	0.2	0.356	0.013	0.61744	2063	27	1959	61	2156	52	2156	52	9.1	Single Age
SFB04_87	930	4.9	0.877	0.025	0.1049	0.0033	0.83036	638	14	643	19	617	44	643	19	0.8	Single Age
SFB04_88	504	0.889	0.4445	0.0069	0.05817	0.00092	0.4976	373.8	4.9	364.5	5.6	392	36	364.5	5.6	2.5	Single Age
SFB04_89	520	96.1	0.4074	0.0058	0.05481	0.00092	0.39966	346.9	4.2	344	5.6	363	42	344	5.6	0.8	Single Age
SFB04_90	78.6	2.88	0.564	0.027	0.0701	0.0027	0.39619	453	18	437	16	506	83	437	16	3.5	Single Age
SFB04_91	408	2.52	0.561	0.016	0.0698	0.0022	0.36799	452	11	435	13	548	81	435	13	3.8	Single Age
SFB04_92	461	15.9	0.64	0.034	0.0814	0.0053	0.62898	501	21	504	31	420	120	504	31	0.6	Rim
SFB04_92	304.3	2.179	4.616	0.079	0.2803	0.0057	0.71201	1751	14	1592	28	1920	27	1920	27	17.1	Core
SFB04_93	652	1.42	0.3455	0.0048	0.04771	0.00066	0.43324	301.2	3.6	300.4	4.1	285	33	300.4	4.1	0.3	Single Age
SFB04_94	711	18.68	0.5971	0.0069	0.0759	0.00079	0.41659	475.8	4.5	471.6	4.7	475	30	471.6	4.7	0.9	Single Age
SFB04_95	641	3.541	1.077	0.027	0.1186	0.0031	0.73858	744	13	723	18	763	33	723	18	2.8	Single Age
SFB04_96	169.6	0.763	1.289	0.023	0.1371	0.0022	0.35642	846	11	828	12	882	46	828	12	2.1	Single Age
SFB04_97	61.7	1.566	0.313	0.013	0.0425	0.0011	0.26839	277.6	9.8	268.2	7	356	97	268.2	7	3.4	Single Age
SFB04_98	125	0.524	0.267	0.019	0.0347	0.0017	0.1912	240	15	220	10	410	170	220	10	8.3	Single Age
SFB04_99	279	2.977	1.078	0.015	0.1194	0.0019	0.36531	742.2	7.3	727	11	765	41	727	11	2.0	Single Age
SFB04_101	379	2.84	0.5591	0.0095	0.0722	0.0012	0.45586	450.6	6.2	449.1	7.5	443	38	449.1	7.5	0.3	Single Age
SFB04_102	670	2.84	0.326	0.012	0.044	0.0018	0.59805	286	8.9	277	11	322	90	277	11	3.1	Single Age
SFB04_103	149	1.411	0.336	0.011	0.04571	0.00099	0.07619	293.5	8.4	288	6.1	310	76	288	6.1	1.9	Single Age
SFB04_105	300	0.76	0.3375	0.0063	0.0456	0.00059	0.20574	295.1	4.8	287.4	3.7	325	49	287.4	3.7	2.6	Single Age
SFB04_106	582	9.64	0.348	0.0042	0.04697	0.00057	0.29356	303.2	3.1	295.9	3.5	335	35	295.9	3.5	2.4	Single Age
SFB04_107	50.2	1.015	0.575	0.024	0.0715	0.0025	0.08146	460	16	445	15	500	130	445	15	3.3	Single Age
SFB04_108	220	7.02	0.623	0.028	0.0797	0.0018	0.47309	491	17	495	11	496	79	495	11	0.8	Rim
SFB04_108	394	0.8	0.862	0.013	0.1013	0.0014	0.59688	630.8	7.3	622.2	8.1	645	32	622.2	8.1	1.4	Core
SFB04_109	83.2	1.448	11.94	0.21	0.4789	0.009	0.57343	2599	16	2521	39	2644	32	2644	32	4.7	Single Age
SFB04_111	84.4	2.37	0.807	0.029	0.0944	0.0022	0.5085	598	16	581	13	628	63	581	13	2.8	Single Age
SFB04_112	228	1.419	0.462	0.016	0.0592	0.0021	0.7066	385	11	370	13	416	63	370	13	3.9	Single Age
SFB04_113	309.4	5.66	0.557	0.01	0.06928	0.0009	0.25077	449.2	6.6	431.8	5.4	495	44	431.8	5.4	3.9	Single Age
SFB04_114	331	1.13	0.866	0.014	0.1004	0.0017	0.53867	633.2	7.7	616	10	677	35	616	10	2.7	Single Age
SFB04_115	62.8	0.627	0.842	0.023	0.0982	0.0022	0.0445	619	13	604	13	693	76	604	13	2.4	Single Age
SFB04_116	111.5	1.04	0.382	0.011	0.0532	0.0011	0.42929	327.8	8.1	334.4	6.5	262	63	334.4	6.5	2.0	Single Age
SFB04_117	2.916	0.1148	25.06	0.74	0.253	0.013	0.04021	3308	30	1450	67	4842	95	DISC	DISC	70.1	Single Age
SFB04_120	26.22	1.775	0.757	0.032	0.0917	0.0027	0.25831	570	18	565	16	595	99	565	16	0.9	Single Age

Sample Name:	10SMB06																
Lower Freshwater Molasse II (23 ± 2.5 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
10SMB06-1	341	0.551	0.551	0.025	0.0717	0.0037	0.83204	445.1	17	446	22	449	22	446.0	22.0	-0.2	Single Age
10SMB06-2	390	0.361	0.361	0.024	0.0484	0.0035	0.76545	312.6	18	304.3	21	374	23	304.3	21.0	2.7	Single Age
10SMB06-3	1250	0.376	0.376	0.024	0.0509	0.0034	0.56508	323.2	18	319.7	21	340	36	319.7	21.0	1.1	Single Age
10SMB06-4	527	0.360	0.36	0.023	0.0489	0.0034	0.67194	311.9	17	307.9	21	336	25	307.9	21.0	1.3	Single Age
10SMB06-5	302.3	0.475	0.475	0.025	0.0621	0.0036	0.68205	393.6	17	389.2	22	451	31	389.2	22.0	1.1	Single Age
10SMB06-6	553	0.345	0.3446	0.023	0.0476	0.0034	0.6625	300.2	17	299.9	21	320	22	299.9	21.0	0.1	Single Age
10SMB06-7	56.3	0.218	0.2182	0.024	0.02692	0.0033	0.47772	199.8	19	171.2	21	552	73	DISC	DISC	14.3	Single Age
10SMB06-8	318	0.349	0.349	0.023	0.0483	0.0034	0.78612	304.4	18	304	21	308	23	304.0	21.0	0.1	Single Age
10SMB06-9	351	0.533	0.533	0.029	0.0704	0.0041	0.82794	433	19	438	25	385	25	438.0	25.0	-1.2	Single Age
10SMB06-10	209	0.570	0.57	0.027	0.0741	0.0037	0.63946	457	18	460	22	461	32	460.0	22.0	-0.7	Single Age
10SMB06-11	257	0.350	0.3497	0.023	0.0482	0.0035	0.73924	304.1	17	303.2	21	320	22	303.2	21.0	0.3	Single Age
10SMB06-12	123	0.355	0.355	0.024	0.0489	0.0035	0.68054	309	18	307.4	22	367	30	307.4	22.0	0.5	Single Age
10SMB06-13	586	0.349	0.3486	0.023	0.0476	0.0034	0.83101	303.4	17	299.7	21	321	18	299.7	21.0	1.2	Single Age
10SMB06-14	147	0.602	0.602	0.025	0.077	0.0036	0.77998	478.4	16	479.2	22	471	19	479.2	22.0	-0.2	Single Age
10SMB06-15	215	0.790	0.79	0.072	0.0653	0.004	0.67102	576	40	407	24	1240	140	DISC	DISC	29.3	Single Age
10SMB06-16	610	0.594	0.594	0.028	0.0774	0.0038	0.79318	473	18	480	23	446	23	480.0	23.0	-1.5	Single Age
10SMB06-17	362	0.399	0.399	0.024	0.0535	0.0036	0.69418	339.9	18	335.7	22	394	32	335.7	22.0	1.2	Single Age
10SMB06-18	481	0.348	0.3479	0.023	0.0481	0.0035	0.71869	302.8	17	303.5	21	324	19	303.5	21.0	-0.2	Single Age
10SMB06-19	516	0.344	0.3435	0.023	0.0471	0.0034	0.74067	299.5	17	296.4	21	312	21	296.4	21.0	1.0	Single Age
10SMB06-20	199.8	0.337	0.3372	0.023	0.04734	0.0034	0.77641	294.8	18	298.1	21	297	18	298.1	21.0	-1.1	Single Age
10SMB06-21	441	0.309	0.3093	0.023	0.0434	0.0034	0.80854	273.3	18	274.6	22	307	20	274.6	22.0	-0.5	Single Age
10SMB06-22	267	0.337	0.3374	0.024	0.0468	0.0035	0.7746	294.7	18	294.6	22	286	24	294.6	22.0	0.0	Single Age
10SMB06-23	228.3	0.321	0.3213	0.023	0.0445	0.0034	0.72764	282.5	18	280.6	21	317	25	280.6	21.0	0.7	Single Age
10SMB06-24	220	0.342	0.3416	0.023	0.0476	0.0035	0.76443	298.1	18	299.9	21	338	21	299.9	21.0	-0.6	Single Age
10SMB06-25	1340	0.288	0.288	0.026	0.0393	0.0037	0.82962	256	20	248	23	315	26	248.0	23.0	3.1	Single Age
10SMB06-26	553	5.370	5.37	0.22	0.339	0.015	0.95733	1854	47	1874	76	1826	26	1826.0	26.0	-2.6	Single Age
10SMB06-27	300	0.599	0.5994	0.024	0.0786	0.0036	0.72707	476.5	15	487.6	22	443	20	487.6	22.0	-2.3	Single Age
10SMB06-28	652	0.346	0.3462	0.023	0.0474	0.0035	0.71995	301.7	17	298.7	21	330	22	298.7	21.0	1.0	Single Age
10SMB06-29	1355	0.382	0.382	0.024	0.0487	0.0036	0.5964	327.8	18	306.2	22	487	38	306.2	22.0	6.6	Single Age
10SMB06-30	765	0.334	0.3335	0.023	0.04597	0.0034	0.80935	292	18	289.7	21	308	16	289.7	21.0	0.8	Single Age
10SMB06-31	1217	0.344	0.344	0.023	0.04739	0.0034	0.80391	300.1	17	298.4	21	320	11	298.4	21.0	0.6	Single Age
10SMB06-32	544	0.579	0.579	0.025	0.0743	0.0037	0.81628	463	16	462	22	468	17	462.0	22.0	0.2	Single Age
10SMB06-33	2670	0.238	0.2382	0.023	0.02689	0.0034	0.6923	217.3	18	171.6	22	775	35	DISC	DISC	21.0	Single Age
10SMB06-34	693	0.410	0.41	0.03	0.0526	0.0041	0.90172	352	21	330	25	545	26	330.0	25.0	6.3	Single Age
10SMB06-35	312	0.816	0.816	0.084	0.0564	0.0036	0.62779	600	49	353.7	22	1520	190	DISC	DISC	41.1	Single Age
10SMB06-36	166	0.312	0.3124	0.023	0.0442	0.0034	0.70248	275.7	18	278.8	21	263	19	278.8	21.0	-1.1	Single Age
10SMB06-37	402	0.376	0.3759	0.024	0.0515	0.0035	0.75913	323.5	18	323.9	22	327	25	323.9	22.0	-0.1	Single Age
10SMB06-38	1470	0.318	0.3183	0.024	0.0388	0.0037	0.94491	281.7	19	245	23	600	28	DISC	DISC	13.0	Single Age
10SMB06-39	669	0.400	0.4	0.026	0.0525	0.0036	0.58924	340.5	19	330	22	398	32	330.0	22.0	3.1	Single Age

10SMB06-40	179.1	0.548	0.5479	0.025	0.0708	0.0036	0.79363	443.2	16	440.6	22	463	13	440.6	22.0	0.6	Single Age
10SMB06-41	595	0.349	0.3493	0.024	0.0454	0.0035	0.68798	304.6	17	286.2	22	438	22	286.2	22.0	6.0	Single Age
10SMB06-42	1067	0.338	0.3383	0.024	0.04651	0.0035	0.85294	296.3	18	293	22	320	18	293.0	22.0	1.1	Single Age
10SMB06-43	2760	0.295	0.295	0.027	0.0367	0.0038	0.92064	261	22	232.1	23	503	33	DISC	DISC	11.1	Single Age
10SMB06-44	615	0.414	0.414	0.027	0.0562	0.0038	0.92762	350.8	19	352	23	356	14	352.0	23.0	-0.3	Single Age
10SMB06-46	354	0.474	0.474	0.035	0.0589	0.0046	0.93161	391	24	368	28	553	22	368.0	28.0	5.9	Single Age
10SMB06-47	238	0.759	0.759	0.028	0.0938	0.0039	0.69347	574.1	16	578	23	564	23	578.0	23.0	-0.7	Single Age
10SMB06-48	880	0.355	0.3548	0.024	0.04733	0.0036	0.58148	308.1	18	298.1	22	407	23	298.1	22.0	3.2	Single Age
10SMB06-49	204	0.327	0.3274	0.024	0.0458	0.0036	0.71717	287.1	19	289.2	23	301	20	289.2	23.0	-0.7	Single Age
10SMB06-51	374	0.355	0.3549	0.025	0.0479	0.0037	0.73551	308.7	18	301.7	23	367	22	301.7	23.0	2.3	Single Age
10SMB06-52	1470	0.237	0.2365	0.024	0.0262	0.0036	0.72298	215	20	166.7	22	797	42	DISC	DISC	22.5	Single Age
10SMB06-53	55.4	0.695	0.695	0.027	0.0846	0.0038	0.7363	535.2	16	523.5	22	612	19	523.5	22.0	2.2	Single Age
10SMB06-54	275	0.560	0.56	0.026	0.072	0.0037	0.88577	452	17	447.8	22	476	16	447.8	22.0	0.9	Single Age
10SMB06-55	383	0.551	0.551	0.027	0.0719	0.0039	0.82423	447.2	18	447	24	463	21	447.0	24.0	0.0	Single Age
10SMB06-56	264	0.616	0.616	0.026	0.0775	0.0038	0.63831	487.9	16	481	23	500	27	481.0	23.0	1.4	Single Age
10SMB06-58	933	0.405	0.4053	0.025	0.0544	0.0036	0.74965	346	17	341.6	22	362	19	341.6	22.0	1.3	Single Age
10SMB06-59	865	0.356	0.3555	0.024	0.04894	0.0036	0.8161	308.5	18	308	22	313	14	308.0	22.0	0.2	Single Age
10SMB06-60	219	6.010	6.01	0.2	0.368	0.012	0.79781	1972	29	2015	57	1919	22	1919.0	22.0	-5.0	Single Age
10SMB06-61	616	0.524	0.524	0.032	0.0688	0.0044	0.89595	427	22	428	27	436	20	428.0	27.0	-0.2	Single Age
10SMB06-62	274	0.657	0.657	0.026	0.0824	0.0039	0.83129	512.7	16	510	23	518	19	510.0	23.0	0.5	Single Age
10SMB06-63	320	0.562	0.562	0.026	0.0724	0.0038	0.68738	452.2	17	451.3	23	475	23	451.3	23.0	0.2	Single Age
10SMB06-65	2250	0.466	0.466	0.032	0.03751	0.0035	-0.2036	388	22	238	22	1357	96	DISC	DISC	38.7	Single Age
10SMB06-66	893	0.557	0.557	0.025	0.0727	0.0038	0.74683	450.4	17	452.4	23	433	17	452.4	23.0	-0.4	Single Age
10SMB06-67	250	0.479	0.479	0.027	0.0627	0.0039	0.55363	397.6	19	391.6	23	450	19	391.6	23.0	1.5	Single Age
10SMB06-68	585	0.405	0.405	0.026	0.054	0.0038	0.78331	345	18	339	23	382	24	339.0	23.0	1.7	Single Age
10SMB06-69	713	4.760	4.76	0.18	0.321	0.013	0.78679	1776	32	1793	61	1774	27	1774.0	27.0	-1.1	Single Age
10SMB06-70	200	0.781	0.781	0.028	0.0929	0.0038	0.73839	585.3	16	573.7	23	632	17	573.7	23.0	2.0	Single Age
10SMB06-72	352	0.540	0.5395	0.025	0.0684	0.0037	0.68454	439	17	426.6	22	495	19	426.6	22.0	2.8	Single Age
10SMB06-73	226	0.344	0.3442	0.025	0.0481	0.0037	0.75707	300	19	303.8	23	293	21	303.8	23.0	-1.3	Single Age
10SMB06-74	2120	0.283	0.283	0.029	0.0287	0.0038	0.13421	251	22	182.2	24	960	110	DISC	DISC	27.4	Single Age
10SMB06-75	831	0.559	0.559	0.027	0.0722	0.0039	0.86069	451.1	17	449	24	446	17	449.0	24.0	0.5	Single Age
10SMB06-76	431	0.488	0.488	0.032	0.0645	0.0044	0.95502	407	22	402	27	456	17	402.0	27.0	1.2	Single Age
10SMB06-77	179	0.337	0.3367	0.025	0.04593	0.0037	0.63104	294.3	19	289.4	23	329	25	289.4	23.0	1.7	Single Age
10SMB06-78	904	0.367	0.367	0.024	0.0435	0.0037	0.4961	317.2	18	274.7	23	643	49	DISC	DISC	13.4	Single Age
10SMB06-79	788	0.347	0.3472	0.025	0.04767	0.0037	0.71939	302.3	19	300.2	23	324	20	300.2	23.0	0.7	Single Age
10SMB06-80	116.9	0.538	0.538	0.026	0.0698	0.0038	0.74693	437.2	17	434.9	23	468	21	434.9	23.0	0.5	Single Age
10SMB06-81	256	0.338	0.3375	0.025	0.0468	0.0037	0.72882	295	19	294.6	23	293	19	294.6	23.0	0.1	Single Age
10SMB06-82	206	0.806	0.806	0.031	0.0742	0.0043	0.45219	603	17	461	26	1161	55	DISC	DISC	23.5	Single Age
10SMB06-83	206	0.802	0.802	0.029	0.0962	0.0041	0.6351	597.3	16	592	24	642	22	592.0	24.0	0.9	Single Age
10SMB06-84	188.8	0.335	0.3354	0.025	0.04645	0.0037	0.70608	294	19	292.7	23	307	21	292.7	23.0	0.4	Single Age
10SMB06-85	1145	0.346	0.3462	0.025	0.0491	0.0037	0.83339	303.3	20	309.2	23	283	19	309.2	23.0	-1.9	Single Age
10SMB06-86	137.9	0.710	0.71	0.027	0.0884	0.0039	0.73836	545.9	15	546	23	554	16	546.0	23.0	0.0	Single Age
10SMB06-87	357	0.552	0.552	0.027	0.0684	0.0038	0.81498	445.3	18	426.6	23	527	20	426.6	23.0	4.2	Single Age
10SMB06-88	275	0.562	0.5617	0.025	0.0727	0.0037	0.7708	452.3	16	452.3	22	460	13	452.3	22.0	0.0	Single Age
10SMB06-89	772	0.360	0.3604	0.026	0.0489	0.0038	0.77163	312	19	307.5	23	379	26	307.5	23.0	1.4	Single Age
10SMB06-90	1526	0.286	0.286	0.027	0.0338	0.0039	0.90552	256.1	21	214	24	641	33	DISC	DISC	16.4	Single Age
10SMB06-91	167.3	0.329	0.3289	0.025	0.04597	0.0037	0.3702	288.5	19	289.7	23	282	30	289.7	23.0	-0.4	Single Age
10SMB06-92	74.8	0.385	0.3846	0.025	0.05276	0.0037	0.65191	330	19	331.4	23	324	20	331.4	23.0	-0.4	Single Age
10SMB06-94	970	0.354	0.3535	0.025	0.04895	0.0037	0.87189	307.8	18	308	23	304	11	308.0	23.0	-0.1	Single Age
10SMB06-95	116.6	0.335	0.3353	0.025	0.04678	0.0037	0.63606	293.4	19	294.7	23	274	22	294.7	23.0	-0.4	Single Age
10SMB06-96	422	0.385	0.3845	0.025	0.0527	0.0038	0.8243	330.9	18	331.1	23	318	21	331.1	23.0	-0.1	Single Age
10SMB06-97	408	0.556	0.556	0.035	0.0636	0.0046	0.94659	447	23	397	28	707	16	DISC	DISC	11.2	Single Age
10SMB06-100	0.831	35.200	35.2	5.5	0.391	0.054	0.98714	3500	160	2030	230	4583	36	DISC	DISC	55.7	Single Age
10SMB06-101	506	0.338	0.338	0.026	0.0461	0.0039	0.74138	295	20	290.7	24	312	25	290.7	24.0	1.5	Single Age
10SMB06-103	245	0.345	0.3446	0.025	0.04863	0.0037	0.56559	300.4	19	306.1	23	285	23	306.1	23.0	-1.9	Single Age
10SMB06-105	158	0.356	0.3559	0.026	0.04896	0.0038	0.33972	308.7	19	308.8	24	300	25	308.8	24.0	0.0	Single Age
10SMB06-106	311	0.335	0.335	0.026	0.04498	0.0037	0.62546	293.9	20	284.2	23	362	31	284.2	23.0	3.3	Single Age
10SMB06-108	159.9	0.332	0.332	0.025	0.04612	0.0037	0.69199	291	19	290.6	23	311	16	290.6	23.0	0.1	Single Age
10SMB06-110	389	0.586	0.586	0.026	0.0755	0.0039	0.824	469.6	17	468.9	23	473	11	468.9	23.0	0.1	Single Age
10SMB06-111	5140	0.390	0.39	0.03	0.0524	0.0045	0.89598	333	22	329	27	358	36	329.0	27.0	1.2	Single Age
10SMB06-112	186.5	0.759	0.759	0.032	0.0935	0.0043	0.7629	575	18	577	25	552	21	577.0	25.0	-0.3	Single Age
10SMB06-113	1133	0.383	0.3827	0.026	0.0507	0.0039	0.82097	328.6	19	318.8	24	413	18	318.8	24.0	3.0	Single Age
10SMB06-115	244	0.353	0.353	0.028	0.04417	0.0037	0.49992	305.9	20	278.6	23	493	52	278.6	23.0	8.9	Single Age
10SMB06-116	0.559	71.900	71.9	8.7	0.724	0.087	0.98915	4200	120	3340	300	4775	21	DISC	DISC	30.1	Single Age
10SMB06-117	681	0.644	0.644	0.036	0.0812	0.0048	0.94634	504	22	503	29	527	19	503.0	29.0	0.2	Single Age
10SMB06-118	3.85	1.360	1.36	0.27	0.0607	0.0067	0.59314	750	98	378	39	1820	220	DISC	DISC	49.6	Single Age
10SMB06-119	481	0.548	0.5477	0.026	0.068	0.0038	0.7109	443.1	17	424	23	546	15	424.0	23.0	4.3	Single Age
10SMB06-120	144.6	1.086	1.086	0.045	0.1187	0.005	0.94566	748	21	722	29	803	18	722.0	29.0	3.5	Single Age
10SMB06-121	312	0.390	0.39	0.026	0.0534	0.0039	0.72729	334.8	18	335.3	24	356	19	335.3	24.0	-0.1	Single Age
10SMB06-122	538	0.347	0.347	0.025	0.0478	0.0038	0.67096	302.3	19	300.9	23	319	19	300.9	23.0	0.5	Single Age
10SMB06-125	178.3	0.709	0.709	0.029	0.0857	0.0043	0.83223	543.5	17	530	25	585	19	530.0	25.0	2.5	Single Age
10SMB06-126	1310	0.333	0.3334	0.025	0.0465	0.0038	0.79559	292.5	19	292.9	23	291	15	292.9	23.0	-0.1	Single Age
10SMB06-127	270	0.331	0.3305	0.026	0.04567	0.0038	0.8163	289.7	20	287.8	24	327	16	287.8	24.0	0.7	Single Age
10SMB06-128	617	0.648	0.648	0.045	0.0597	0.004	0.50857	507	27	373.4	24	1119	85	DISC	DISC	26.4	Single Age
10SMB06-129	8090	0.440	0.44	0.045	0.0514	0.0038	-0.2865	364	29	322.9	24	620	160	DISC	DISC	11.3	Single Age
10SMB06-130	458	0.343	0.3428	0.026	0.0475	0.0039	0.82438	298.9	20	299.2	24	305	19	299.2	24.0	-0.1	Single Age
10SMB06-131	750	0.344	0.3439	0.026	0.047	0.004	0.92023	299.7	20	296.2	24	322	14	296.2	24.0	1.2	Single Age
10SMB06-132	434	0.343	0.343	0.027	0.0463	0.0039	0.7206	298.9	20	291.9	24	312	25	291.9	24.0	2.3	Single Age
10SMB06-133	293.4	0.351	0.3512	0.026	0.0477	0.0039	0.8569	305.3	20	300	24	344	23	300.0	24.0	1.7	Single Age
10SMB06-134	462	0.767	0.767	0.027	0.0945	0.004	0.72885	578.2	16	582.1	23	565	14	582.1	23.0	-0.7	Single Age
10SMB06-135	302	0.476	0.476	0.027	0.0625	0.004	0.7627	395	19	390.6	24	456	19	390.6	24.0	1.1	Single Age
10SMB06-136	228.6	0.551	0.551	0.027	0.072	0.004	0.70127	446.2	18	448.3	24	439	20	448.3	24.0	-0.5	Single Age
10SMB06-137	475	0.566	0.566	0.028	0.073	0.0041	0.76341	455	18	454	25	470	17	454.0	25.0	0.2	Single Age
10SMB06-138	848	0.808	0.808	0.098	0.0779	0.0062	0.95482	576	51	482	37	910	110	DISC	DISC	16.3	Single Age
10SMB06-140	478	0.407	0.4065	0.027	0.0558	0.004	0.78816	345.9	19	350.2	24	303	17	350.2	24.0	-1.2	Single Age
10SMB06-141	440	0.397	0.3971	0.026	0.05332	0.0039	0.73706	339.2	19	334.8	24	354	21	334.8	24.0	1.3	Single Age
10SMB06-142	34.1	0.667	0.667	0.029	0.0859	0.0041	0.74029	518.2	18	531.8	24	480	17	531.8	24.0	-2.6	Single Age
10SMB06-143	241	12.470	12.47	0.22	0.525	0.011	0.75815	2644	17	2722	47	2585	16	2585.0	16.0	-5.3	Single Age
10SMB06-144	389	0.348	0.348	0.026	0.0473	0.0039	0.79347	302.9	20	297.6	24	326	16	297.6	24.0	1.7	Single Age
10SMB06-145	306	0.589	0.589	0.03	0.0736	0.0043	0.93577	470	20	457	26	545	18	457.0	26.0	2.8	Single Age
10SMB06-146	222	0.536	0.536	0.031	0.0696	0.0043	0.86922	436	20	433	26	443	23	433.0	26.0	0.7	Single Age
10SMB06-147	540	0.357	0.3572	0.027	0.0485	0.0039	0.75744	309.8	20	305.3	24	319	24	305.3	24.0	1.5	Single Age
10SMB06-148	2550	0.281	0.2805	0.027	0.039	0.004	0.78076	250.7	21	246.4	25	293	30	DISC	DISC	1.7	Single Age
10SMB06-149	193.7	0.575	0.575	0.028	0.0729	0.004	0.71811	460.8	18	453.8	24	458	18	453.8	24.0	1.5	Single Age
10SMB06-150	259	0.950	0.95	0.033	0.1093	0.0048	0.55577	677	17	668	28	716	34	668.0	28.0	1.3	Single Age
10SMB06-151	292	0.646	0.646	0.033	0.0729	0.0041	0.52003	504	20	454.5	25	738	45	454.5	25.0	9.8	Single Age
10SMB06-152	242.1	0.598	0.598	0.03	0.0757	0.0042	0.62773	477.5	19	471	25	490	29	471.0	25.0	1.4	Single Age

10SMB06-153	255	1.557	1.557	0.057	0.1563	0.0064	0.81492	950	23	939	37	1014	22	1014.0	22.0	7.4	Single Age
10SMB06-154	408	0.359	0.3587	0.027	0.0499	0.004	0.09993	310.9	20	313.8	24	271	23	313.8	24.0	-0.9	Single Age
10SMB06-155	282	0.529	0.529	0.031	0.0657	0.0043	0.85988	430	20	410	26	545	20	410.0	26.0	4.7	Single Age
10SMB06-156	894	0.381	0.3814	0.027	0.0519	0.004	0.75148	328.3	20	326.4	24	329	18	326.4	24.0	0.6	Single Age
10SMB06-157	442	0.337	0.3366	0.027	0.0474	0.0039	0.73606	294.3	20	298.5	24	234	21	298.5	24.0	-1.4	Single Age
10SMB06-159	314	0.629	0.629	0.035	0.0759	0.0044	0.77572	493	22	471	26	579	35	471.0	26.0	4.5	Single Age
10SMB06-160	407	1.101	1.101	0.038	0.1233	0.0047	0.8661	754	18	749	27	771	18	749.0	27.0	0.7	Single Age
10SMB06-161	489	0.315	0.3149	0.026	0.03963	0.0039	0.73888	277.8	20	250.5	24	514	14	250.5	24.0	9.8	Single Age
10SMB06-162	158	0.350	0.3498	0.027	0.04638	0.0039	0.57737	304.2	20	292.2	24	361	25	292.2	24.0	3.9	Single Age
10SMB06-163	208	0.572	0.572	0.028	0.0727	0.0042	0.74142	459	18	452.6	25	456	21	452.6	25.0	1.4	Single Age
10SMB06-164	341	0.528	0.528	0.031	0.0685	0.0043	0.89688	429	21	427	26	449	17	427.0	26.0	0.5	Single Age
10SMB06-166	133.4	0.332	0.332	0.027	0.04575	0.0039	0.63595	290.8	20	288.3	24	302	21	288.3	24.0	0.9	Single Age
10SMB06-167	577	0.506	0.506	0.028	0.0664	0.0041	0.81192	415.5	19	414.6	25	423	21	414.6	25.0	0.2	Single Age
10SMB06-168	228	0.390	0.39	0.027	0.0526	0.0039	0.80959	334.2	19	330.4	24	342	12	330.4	24.0	1.1	Single Age
10SMB06-169	358	0.953	0.953	0.059	0.1081	0.0061	0.96448	673	32	663	36	693	31	663.0	36.0	1.5	Single Age
10SMB06-170	699	0.535	0.535	0.034	0.0648	0.0045	0.95532	435	22	404	27	598	12	404.0	27.0	7.1	Single Age
10SMB06-171	496	0.352	0.352	0.028	0.0489	0.0041	0.72759	305.5	21	307.8	25	299	28	307.8	25.0	-0.8	Single Age
10SMB06-172	418	0.350	0.3497	0.027	0.04832	0.004	0.70082	304.2	20	304.8	25	298	19	304.8	25.0	-0.2	Single Age
10SMB06-173	337	0.342	0.3424	0.027	0.04778	0.004	0.7724	298.7	20	300.9	24	299	16	300.9	24.0	-0.7	Single Age
10SMB06-174	175	0.757	0.757	0.034	0.0911	0.0045	0.90516	572	20	562	27	603	15	562.0	27.0	1.7	Single Age
10SMB06-175	207	0.535	0.535	0.038	0.0678	0.005	0.92935	431	25	423	30	467	25	423.0	30.0	1.9	Single Age
10SMB06-176	217	0.338	0.3379	0.027	0.0465	0.004	0.71457	295.9	20	293.9	24	293	20	293.9	24.0	0.7	Single Age
10SMB06-178	512	0.504	0.504	0.031	0.0587	0.0042	0.8436	414	21	367.8	25	682	29	DISC	DISC	11.2	Single Age
10SMB06-179	315	0.526	0.526	0.028	0.0674	0.0042	0.78879	428.8	19	420.3	25	478	15	420.3	25.0	2.0	Single Age
10SMB06-180	210	0.392	0.392	0.028	0.0533	0.0042	0.69896	335.9	21	334.8	25	348	26	334.8	25.0	0.3	Single Age

Sample Name:	10SMB07																
Upper Freshwater Molasse (18 Ma ± 3 MA)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
10SMB07-1	315	0.3069	0.3069	0.015	0.04319	0.0015	0.60807	271.8	11	272.6	9.2	296	11	272.6	9.2	-0.3	Single Age
10SMB07-2	385	0.3165	0.3165	0.015	0.04256	0.0015	0.24399	279.2	11	268.7	9.1	394	19	268.7	9.1	3.8	Single Age
10SMB07-3	227	0.4232	0.4232	0.016	0.0565	0.0018	0.7337	358.2	11	354.2	11	354	17	354.2	11	1.1	Single Age
10SMB07-4	472	0.5576	0.5576	0.016	0.07182	0.0017	0.76846	449.8	10	447.1	10	459	10	447.1	10	0.6	Single Age
10SMB07-5	148	0.504	0.504	0.019	0.0496	0.0017	0.69635	414.1	13	311.9	11	1016	31	DISC	DISC	24.7	Single Age
10SMB07-7	746	0.3344	0.3344	0.015	0.04643	0.0015	0.77353	292.8	11	292.6	9.3	303.5	8.1	292.6	9.3	0.1	Single Age
10SMB07-8	305	0.611	0.611	0.025	0.0786	0.0023	0.78321	484	16	488	14	476	28	488	14	-0.8	Single Age
10SMB07-9	609	0.3108	0.3108	0.015	0.04379	0.0015	0.69792	274.7	11	276.3	9.3	309	12	276.3	9.3	-0.6	Single Age
10SMB07-10	997	0.3174	0.3174	0.015	0.04465	0.0017	0.88017	279.9	12	281.6	10	289	12	281.6	10	-0.6	Single Age
10SMB07-12	294	0.5904	0.5904	0.017	0.075	0.0018	0.7998	471	11	465.9	11	491	11	465.9	11	1.1	Single Age
10SMB07-13	205	0.3343	0.3343	0.015	0.04588	0.0015	0.60547	292.8	12	289.1	9.4	318	14	289.1	9.4	1.3	Single Age
10SMB07-14	85.6	0.3216	0.3216	0.016	0.04436	0.0015	0.52846	283.6	12	279.8	9.5	330	20	279.8	9.5	1.3	Single Age
10SMB07-15	449	0.3494	0.3494	0.016	0.04834	0.0017	0.82686	304.2	12	304.3	10	307	14	304.3	10	0.0	Single Age
10SMB07-17	250.4	4.92	4.92	0.85	0.249	0.034	0.98876	1610	180	1400	180	2130	110	DISC	DISC	34.3	Single Age
10SMB07-19	214.4	1.583	1.583	0.02	0.1615	0.002	0.7361	963.2	7.8	964.8	11	975.7	8.5	975.7	8.5	1.1	Single Age
10SMB07-20	378	0.3146	0.3146	0.015	0.04388	0.0016	0.71463	277.7	12	276.8	9.7	288	10	276.8	9.7	0.3	Single Age
10SMB07-21	591	0.4069	0.4069	0.016	0.05437	0.0016	0.69375	346.6	11	341.3	9.9	383	10	341.3	9.9	1.5	Single Age
10SMB07-22	638	0.3105	0.3105	0.015	0.04319	0.0016	0.62781	274.9	12	272.6	9.7	323	13	272.6	9.7	0.8	Single Age
10SMB07-23	156	5.32	5.32	0.23	0.328	0.013	0.98145	1877	35	1828	63	1922	13	1922	13	4.9	Single Age
10SMB07-24	226.9	0.3333	0.3333	0.016	0.04645	0.0016	0.60613	292	12	292.7	10	283	15	292.7	10	-0.2	Single Age
10SMB07-25	480	0.2996	0.2996	0.016	0.04176	0.0016	0.78366	266.6	13	263.7	10	280	13	263.7	10	1.1	Single Age
10SMB07-26	44.6	1.184	1.184	0.066	0.1194	0.0022	0.68612	792	32	727	13	937	89	727	13	8.2	Single Age
10SMB07-27	186	0.3371	0.3371	0.016	0.04641	0.0016	0.56679	294.9	12	292.4	10	293	15	292.4	10	0.8	Single Age
10SMB07-28	649	0.34	0.34	0.016	0.04663	0.0016	0.72452	297.1	12	293.8	9.9	303	12	293.8	9.9	1.1	Single Age
10SMB07-33	528	0.3332	0.3332	0.016	0.04572	0.0016	0.62679	292	12	288.2	10	353	15	288.2	10	1.3	Single Age
10SMB07-37	221	0.342	0.342	0.016	0.04749	0.0016	0.47471	298.6	12	299.1	10	291	13	299.1	10	-0.2	Single Age
10SMB07-38	1028	0.3263	0.3263	0.016	0.04581	0.0017	0.79051	286.7	12	288.7	10	297	11	288.7	10	-0.7	Single Age
10SMB07-40	652	0.3584	0.3584	0.017	0.0446	0.0019	0.79572	310.9	13	281.5	12	548	25	281.5	12	9.5	Single Age
10SMB07-53	160	0.3618	0.3618	0.018	0.04969	0.0017	0.46208	313.4	13	312.6	11	339	19	312.6	11	0.3	Single Age
10SMB07-64	353	0.3334	0.3334	0.016	0.04623	0.0017	0.68399	292.1	13	291.3	10	289	12	291.3	10	0.3	Single Age
10SMB07-66	1940	0.3305	0.3305	0.016	0.04596	0.0017	0.76067	289.9	13	289.6	10	313	9.7	289.6	10	0.1	Single Age
10SMB07-67	449	0.4864	0.4864	0.018	0.04919	0.0017	0.45838	402.3	12	309.5	10	982	17	DISC	DISC	23.1	Single Age
10SMB07-68	295	0.3372	0.3372	0.016	0.04667	0.0017	0.61938	295	12	294	10	293	10	294	10	0.3	Single Age
10SMB07-69	1020	0.3444	0.3444	0.016	0.04756	0.0017	0.78352	300.4	12	299.5	10	301	10	299.5	10	0.3	Single Age
10SMB07-76	579	0.3325	0.3325	0.017	0.04585	0.0017	0.75397	291.4	13	289	10	317	10	289	10	0.8	Single Age
10SMB07-80	1000	0.392	0.392	0.017	0.05346	0.0018	0.79794	335.8	12	335.7	11	355	10	335.7	11	0.0	Single Age
10SMB07-84	335	0.355	0.355	0.017	0.04881	0.0017	0.7021	308.4	12	307.2	11	322	11	307.2	11	0.4	Single Age
10SMB07-86	90	0.929	0.929	0.019	0.10893	0.0019	0.38777	666.8	10	666.5	11	663	13	666.5	11	0.0	Single Age
10SMB07-88	365	0.2828	0.2828	0.017	0.0397	0.0017	0.66806	252.8	13	251	11	272	13	251	11	0.7	Single Age
10SMB07-89	275.7	0.529	0.529	0.021	0.0696	0.0024	0.89454	431	14	434	14	440	12	434	14	-0.7	Single Age
10SMB07-91	202	0.767	0.767	0.02	0.0959	0.0021	0.82651	577.8	12	590.5	12	537	12	590.5	12	-2.2	Single Age
10SMB07-92	858	0.3522	0.3522	0.017	0.04835	0.0017	0.68294	306.3	12	304.4	10	327	11	304.4	10	0.6	Single Age
10SMB07-95	1540	0.408	0.408	0.021	0.0294	0.0026	0.82699	347.1	15	187	16	1691	86	DISC	DISC	46.1	Single Age
10SMB07-98	201	0.4424	0.4424	0.017	0.05919	0.0018	0.61099	371.8	12	370.7	11	375	13	370.7	11	0.3	Single Age
10SMB07-99	2010	0.2146	0.2146	0.019	0.0293	0.0021	0.97614	197	16	186.1	13	345.1	9.3	186.1	13	5.5	Single Age
10SMB07-102	2260	0.427	0.427	0.045	0.0323	0.0023	-0.9123	357	32	205	14	1430	280	DISC	DISC	42.6	Single Age
10SMB07-105	1010	0.9594	0.9594	0.019	0.112	0.0021	0.86663	683.4	10	684	12	673.2	7	684	12	-0.1	Single Age
10SMB07-108	1123	0.3286	0.3286	0.017	0.04498	0.0018	0.86007	288.4	13	283.6	11	339	11	283.6	11	1.7	Single Age
10SMB07-110	1610	0.3429	0.3429	0.017	0.04768	0.0018	0.86951	299.3	13	300.2	11	305.7	9.5	300.2	11	-0.3	Single Age
10SMB07-116	10590	0.3625	0.3625	0.017	0.04892	0.0017	0.76102	314.1	12	307.9	10	360	7.5	307.9	10	2.0	Single Age
10SMB07-118	1330	0.3578	0.3578	0.017	0.04952	0.0018	0.91208	310.5	13	311.6	11	297.8	8	311.6	11	-0.4	Single Age
10SMB07-120	1403	0.3151	0.3151	0.017	0.04425	0.0018	0.88152	278.7	14	279.1	11	306.3	8.7	279.1	11	-0.1	Single Age
10SMB07-121	320	11.02	11.02	0.35	0.438	0.012	0.95406	2529	28	2339	55	2688.2	9.8	2688.2	9.8	13.0	Single Age
10SMB07-122	1097	0.3377	0.3377	0.017	0.04658	0.0017	0.7399	295.8	12	293.5	11	323	10	293.5	11	0.8	Single Age
10SMB07-128	247	0.3573	0.3573	0.018	0.04915	0.0018	0.58974	310.1	13	309.3	11	330	21	309.3	11	0.3	Single Age
10SMB07-130	281	0.4969	0.4969	0.019	0.055	0.002	0.50495	410.6	12	345.4	12	782	34	DISC	DISC	15.9	Single Age
10SMB07-136	11700	0.787	0.787	0.025	0.0984	0.0031	0.902	590.9	13	605	18	658	22	605	18	-2.4	Single Age
10SMB07-140	1670	0.3503	0.3503	0.018	0.04815	0.0019	0.89006	304.8	14	303.1	12	323	12	303.1	12	0.6	Single Age
10SMB07-144	129.6	0.3566	0.3566	0.018	0.04709	0.0018	0.36905	309.5	13	296.6	11	391	29	296.6	11	4.2	Single Age

U-Pb Data-Bregenz Section

Sample Name:	10SMB09																
Upper Freshwater Molasse (15 ± 2 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SMB09_1.FIN2	278	1	0.3529	0.0049	0.04778	0.0006	0.57007	306.8	3.7	301.3	3.4	344	27	301.3	3.4	1.8	Single Age
SMB09_2.FIN2	154	1.62	0.385	0.0087	0.05205	0.0007	0.45752	330.3	6.4	327.1	4.5	339	47	327.1	4.5	1.0	Single Age
SMB09_3.FIN2	90.9	0.626	0.2917	0.0085	0.04079	0.0008	0.4107	260.8	6.4	257.7	4.6	252	59	257.7	4.6	1.2	Single Age
SMB09_6.FIN2	61.5	0.8	0.3644	0.009	0.04874	0.0008	0.080002	316.4	6.9	306.7	4.7	351	75	306.7	4.7	3.1	Single Age
SMB09_7.FIN2	201	1.103	0.3445	0.0052	0.04723	0.0005	0.3136	300.4	3.9	297.9	3.1	320	32	297.9	3.1	0.8	Single Age
SMB09_8.FIN2	419	1.035	0.3483	0.0065	0.04765	0.0007	0.25799	303.4	4.9	300.1	4.2	319	42	300.1	4.2	1.1	Single Age
SMB09_9.FIN2	268.5	0.933	0.709	0.012	0.0866	0.0017	0.82493	544.1	6.9	535.6	9.9	569	26	535.6	9.9	1.6	Single Age
SMB09_11.FIN2	695	1.5	0.3842	0.0037	0.05117	0.0006	0.67871	330.1	2.7	321.7	3.5	390	19	321.7	3.5	2.5	Single Age
SMB09_12.FIN2	325	2.07	0.36	0.0056	0.04907	0.0005	0.2491	312.1	4.2	308.8	2.9	341	38	308.8	2.9	1.1	Single Age
SMB09_13.FIN2	26.79	0.657	1.01	0.11	0.1095	0.0038	0.086596	699	45	670	22	780	150	670	22	4.1	Single Age
SMB09_14.FIN2	120.7	0.769	0.7525	0.0084	0.09171	0.001	0.42762	569.5	4.9	565.6	5.9	576	25	565.6	5.9	0.7	Single Age
SMB09_15.FIN2	415.2	0.617	0.3744	0.0057	0.05006	0.0007	0.62937	322.7	4.2	314.9	4	389	29	314.9	4	2.4	Single Age
SMB09_16.FIN2	577	1.861	0.3105	0.0061	0.04219	0.0007	0.86652	274.5	4.7	266.4	4.4	355	20	266.4	4.4	3.0	Rim
SMB09_16.FIN2	250.5	3.318	0.3453	0.0061	0.0472	0.0008	0.46342	301.1	4.6	297.3	4.8	307	40	297.3	4.8	1.3	Core
SMB09_17.FIN2	252	3.36	0.5485	0.0067	0.07152	0.0007	0.58373	443.9	4.4	445.3	4.2	459	22	445.3	4.2	0.3	Single Age
SMB09_18.FIN2	987	15.7	0.3794	0.0079	0.04953	0.0009	0.42741	326.5	5.8	311.6	5.7	453	42	311.6	5.7	4.6	Rim
SMB09_18.FIN2	110.9	2.26	0.543	0.011	0.0691	0.0012	0.28171	440.5	7.5	430.4	7.3	540	60	430.4	7.3	2.3	Core
SMB09_20.FIN2	190	46	1.591	0.041	0.158	0.0065	0.64684	966	16	945	36	991	48	991	48	4.6	Rim
SMB09_20.FIN2	45.37	1.165	2.154	0.041	0.1977	0.0033	0.48279	1166	13	1163	18	1198	33	1198	33	2.9	Core
SMB09_21.FIN2	409	2.843	0.803	0.017	0.078	0.0017	0.71692	598	9.5	484	10	1042	35	DISC	DISC	19.1	Single Age
SMB09_22.FIN2	182	1.539	0.3783	0.009	0.05089	0.0008	0.20123	325.5	6.6	320	5	365	52	320	5	1.7	Single Age
SMB09_23.FIN2	434.3	2.057	0.3906	0.0063	0.05315	0.0008	0.16277	334.6	4.6	333.8	4.6	340	33	333.8	4.6	0.2	Single Age
SMB09_25.FIN2	242	4.03	0.537	0.0058	0.07025	0.0006	0.47369	436.3	3.8	438.1	3.8	436	24	438.1	3.8	0.4	Single Age
SMB09_27.FIN2	287	1.603	0.3682	0.0071	0.04941	0.0006	0.38725	318.2	5.3	310.9	3.4	373	41	310.9	3.4	2.3	Single Age
SMB09_30.FIN2	237.1	2	0.559	0.048	0.0599	0.0027	0.2608	450	31	375	16	860	200	DISC	DISC	16.7	Rim
SMB09_30.FIN2	115	0.692	12.22	0.22	0.355	0.0074	0.77461	2626	19	1958	35	3179	18	DISC	DISC	38.4	Core
SMB09_31.FIN2	163.2	3.5	0.494	0.012	0.0645	0.0011	0.57568	407.1	8.1	402.8	6.9	434	39	402.8	6.9	1.1	Single Age
SMB09_36.FIN2	189	0.973	0.728	0.016	0.0871	0.0015	0.48687	555	9.2	538.1	8.9	620	40	538.1	8.9	3.0	Single Age
SMB09_37.FIN2	145.9	1.755	6.05	0.11	0.3554	0.0058	0.74663	1986	17	1960	27	2030	24	2030	24	3.4	Single Age
SMB09_39.FIN2	159	1.299	0.319	0.013	0.042	0.0014	0.00267	281	10	264.9	8.5	420	120	264.9	8.5	5.7	Rim
SMB09_39.FIN2	95	2.65	0.815	0.017	0.0984	0.0017	0.50228	604.7	9.6	605	10	638	44	605	10	0.0	Core
SMB09_40.FIN2	399	2.53	0.3951	0.0061	0.05321	0.0006	0.088685	338	4.4	334.2	3.5	365	41	334.2	3.5	1.1	Single Age
SMB09_41.FIN2	429	1.623	0.3985	0.0065	0.0531	0.0008	0.62064	340.5	4.8	333.5	5	382	26	333.5	5	2.1	Single Age
SMB09_42.FIN2	59.2	0.6029	1.799	0.028	0.1752	0.0024	0.20569	1044	10	1041	13	1040	29	1040	29	0.1	Single Age
SMB09_43.FIN2	4440	1.87	0.3388	0.0027	0.04532	0.0004	0.74969	296.2	2	285.7	2.5	370	12	285.7	2.5	3.5	Single Age
SMB09_46.FIN2	74.6	0.632	0.3848	0.0087	0.05115	0.0007	0.20173	330.2	6.4	321.6	4.5	377	58	321.6	4.5	2.6	Single Age
SMB09_47.FIN2	246	1.9	0.7131	0.0097	0.0879	0.0011	0.60959	546.4	5.8	542.9	6.7	561	26	542.9	6.7	0.6	Single Age
SMB09_49.FIN2	128.5	1.119	0.786	0.011	0.0949	0.0011	0.37528	588.9	6.5	584.6	6.4	586	33	584.6	6.4	0.7	Single Age
SMB09_50.FIN2	596	2.033	1.668	0.021	0.1641	0.0021	0.45974	996.2	7.8	979	11	1025	22	1025	22	4.5	Single Age
SMB09_52.FIN2	582	5.86	0.3858	0.0047	0.05199	0.0005	0.22341	331.2	3.5	326.7	3.2	360	32	326.7	3.2	1.4	Single Age
SMB09_57.FIN2	299	2.67	4.429	0.047	0.3009	0.0036	0.7661	1717.3	8.7	1695	18	1742	13	1742	13	2.7	Single Age
SMB09_58.FIN2	169.2	14.58	0.3938	0.0055	0.05326	0.0007	0.22643	337	4	334.5	4.5	344	34	334.5	4.5	0.7	Single Age
SMB09_59.FIN2	91	0.821	0.38	0.014	0.0523	0.001	0.31804	327	10	328.5	6.2	318	68	328.5	6.2	0.5	Single Age
SMB09_62.FIN2	132.8	0.837	0.5509	0.0088	0.06982	0.0009	0.41421	445.4	5.8	435	5.5	489	33	435	5.5	2.3	Single Age
SMB09_63.FIN2	295	3.3	0.4181	0.0069	0.05628	0.0007	0.62359	354.5	5	352.9	4	352	30	352.9	4	0.5	Single Age
SMB09_65.FIN2	148	1.715	2.041	0.017	0.1906	0.0013	0.43455	1128.9	5.8	1124.6	6.9	1128	17	1128	17	0.3	Single Age
SMB09_69.FIN2	338	1.307	0.3755	0.0051	0.05124	0.0004	0.47472	324.1	3.7	322.1	2.6	326	26	322.1	2.6	0.6	Single Age
SMB09_70.FIN2	46.6	1.447	2.281	0.045	0.1959	0.0028	0.30648	1206	14	1153	15	1276	43	1276	43	9.6	Single Age
SMB09_73.FIN2	835	0.0082	0.3348	0.0029	0.04534	0.0005	0.65803	293.2	2.2	285.8	3.1	342	20	285.8	3.1	2.5	Single Age
SMB09_74.FIN2	193.1	3.88	0.686	0.013	0.083	0.0011	0.44572	530.1	7.9	513.8	6.7	597	35	513.8	6.7	3.1	Single Age
SMB09_75.FIN2	533	1.89	0.3789	0.0032	0.0518	0.0004	0.35564	326.2	2.4	325.5	2.3	331	21	325.5	2.3	0.2	Single Age
SMB09_76.FIN2	80.2	1.262	1.642	0.035	0.1629	0.0025	0.20626	986	14	973	14	1012	43	1012	43	3.9	Single Age
SMB09_77.FIN2	692	5.11	0.4299	0.0057	0.05272	0.0008	0.055042	363.1	4.1	331.2	4.9	585	56	331.2	4.9	8.8	Single Age
SMB09_78.FIN2	62.6	1.311	0.864	0.022	0.1021	0.0012	0.095614	634	12	626.7	7.1	621	55	626.7	7.1	1.2	Single Age
SMB09_79.FIN2	250	11.39	0.4082	0.0066	0.05475	0.0005	0.40092	347.4	4.7	343.6	3	369	34	343.6	3	1.1	Single Age
SMB09_80.FIN2	51.48	1.534	0.662	0.051	0.0508	0.0018	0.11943	522	33	319	11	1530	160	DISC	DISC	38.9	Single Age
SMB09_81.FIN2	202	1.65	0.364	0.0052	0.05	0.0008	0.181	315.1	3.8	314.5	4.8	318	48	314.5	4.8	0.2	Single Age
SMB09_82.FIN2	282	2.77	0.371	0.0042	0.05085	0.0006	0.53798	320.3	3.1	319.7	3.9	334	27	319.7	3.9	0.2	Single Age
SMB09_84.FIN2	233	6.22	0.4125	0.0094	0.0556	0.0011	0.56924	350.4	6.7	348.8	6.5	402	46	348.8	6.5	0.5	Single Age
SMB09_85.FIN2	255	120.2	0.671	0.042	0.0722	0.0037	0.79796	521	25	449	22	856	67	DISC	DISC	13.8	Rim
SMB09_85.FIN2	79.8	7.71	4.507	0.061	0.2193	0.0032	0.27401	1737	11	1278	17	2338	30	DISC	DISC	45.3	Core
SMB09_86.FIN2	166	1.493	0.381	0.011	0.05175	0.0007	0.089243	327.3	7.8	325.3	4.5	360	61	325.3	4.5	0.6	Single Age
SMB09_87.FIN2	23.7	0.614	0.352	0.015	0.04782	0.001	0.125	305	12	301.1	6	320	100	301.1	6	1.3	Single Age
SMB09_88.FIN2	265	9.8	0.5751	0.0071	0.07379	0.0008	0.46052	461.7	4.5	459.5	4.5	465	29	459.5	4.5	0.5	Single Age
SMB09_90.FIN2	270	0.95	0.405	0.0052	0.05559	0.0005	0.4585	345.1	3.8	348.7	3.2	323	27	348.7	3.2	1.0	Single Age
SMB09_92.FIN2	599	1.84	0.4333	0.0077	0.05623	0.001	0.23119	365.4	5.4	352.6	5.9	434	39	352.6	5.9	3.5	Single Age
SMB09_93.FIN2	195	1.708	0.4277	0.0054	0.05758	0.0006	0.22867	361.4	3.8	360.9	3.6	361	31	360.9	3.6	0.1	Single Age
SMB09_95.FIN2	870	0.864	0.3566	0.0057	0.04931	0.0007	0.71736	309.5	4.3	310.3	4.3	295	27	310.3	4.3	0.3	Single Age
SMB09_98.FIN2	1249	6.8	0.3724	0.0067	0.04954	0.0008	0.14465	321.3	5	311.7	5	390	40	311.7	5	3.0	Single Age
SMB09_100.FIN2	369	2.308	0.3656	0.0042	0.05007	0.0003	0.43803	316.3	3.1	315	2.1	325	25	315	2.1	0.4	Single Age
SMB09_101.FIN2	167	0.484	0.816	0.013	0.0986	0.0012	0.33203	605.2	7.4	606.2	7	601	32	606.2	7	0.2	Single Age
SMB09_102.FIN2	410	11	0.3337	0.0063	0.045	0.0012	0.65158	292.3	4.8	283.8	7.3	339	54	283.8	7.3	2.9	Single Age
SMB09_104.FIN2	305	6.81	0.3849	0.0059	0.05272	0.0007	0.58972	331	4.4	331.2	4.3	324	29	331.2	4.3	0.1	Single Age
SMB09_105.FIN2	193	8.1	0.5531	0.0069	0.07224	0.0007	0.4271	446.9	4.5	449.6	4	427	27	449.6	4	0.6	Single Age
SMB09_106.FIN2	232	6.68	0.57	0.0073	0.0739	0.0011	0.46388	457.9	4.7	459.6	6.3	462	32	459.6	6.3	0.4	Single Age
SMB09_108.FIN2	376	2.29	0.4234	0.0069	0.05349	0.0007	0.37614	358.4	4.9	335.9	4.2	510	38	335.9	4.2	6.3	Single Age
SMB09_109.FIN2	820	33.4	0.389	0.016	0.0526	0.0021	0.93315	333	12	330	13	340	43	330	13	0.9	Rim
SMB09_109.FIN2	116.8	4.91	0.701	0.015	0.0874	0.0015	0.57926	539	9.2	539.9	8.8	556	39	539.9	8.8	0.2	Core
SMB09_110.FIN2	5610	0.06	0.3419	0.0024	0.04553	0.0004	0.63505	298.6	1.8	287	2.3	387	13	287	2.3	3.9	Single Age
SMB09_111.FIN2	349	2.219	0.8155	0.0082	0.09434	0.0009	0.54449	605.4	4.6	581.1	5.5	704	22	581.1	5.5	4.0	Single Age
SMB09_113.FIN2	285.6	1.156	0.426	0.0062	0.05551	0.0005	0.87409	360.2	4.4	348.2	3.3	443	27	348.2	3.3	3.3	Single Age
SMB09_114.FIN2	291	1.706	1.943	0.018	0.1872	0.0018	0.75889	1096.6	6.3	1106.2	9.9	1090	12	1090	12	1.5	Single Age
SMB09_115.FIN2	3280	0.02746	0.329	0.0021	0.04457	0.0003	0.47295	288.8	1.6	281.1	1.6	374	13	281.1	1.6	2.7	Single Age
SMB09_116.FIN2	380.2	7.4	0.596	0.011	0.07306	0.0009	0.52666	474.4	6.8	454.5	5.4	587	32	454.5	5.4	4.2	Single Age
SMB09_117.FIN2	164.1	0.823	0.3524	0.0067	0.04923	0.0006	0.21874	306.4	5	309.8	3.9	311	49	309.8	3.9	1.1	Single Age
SMB09_119.FIN2	384	1.512	0.3965	0.0061	0.05358	0.0008	0.44634	339	4.4	336.5	5	399	36	336.5	5	0.7	Single Age
SMB09_120.FIN2	471	2.094	0.8672	0.0086	0.10168	0.001	0.39445	633.9	4.7	624.2	5.6	694	22	624.2	5.6	1.5	Single Age

Sample Name:	10SMB10
Upper Marine Molasse (19 ± 2 Ma)	

	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
10SMB10-1	323	0.3276	0.3276	0.046	0.0455	0.0052	0.56195	288.1	34	286.8	32	297	17	DISC	DISC	0.5	Single Age
10SMB10-2	134.9	0.568	0.568	0.047	0.07274	0.0052	0.50574	456.5	30	452.6	32	478	15	452.6	32	0.9	Single Age
10SMB10-3	151.8	0.3661	0.3661	0.047	0.04619	0.0052	0.38602	316.6	35	291	32	485	30	DISC	DISC	8.1	Single Age
10SMB10-4	326	0.3596	0.3596	0.047	0.04753	0.0052	0.20074	311.7	35	299.3	32	392	36	DISC	DISC	4.0	Single Age
10SMB10-5	287	0.3454	0.3454	0.046	0.0477	0.0052	0.62467	301.1	35	300.3	32	310	15	DISC	DISC	0.3	Single Age
10SMB10-6	165	0.3448	0.3448	0.046	0.0472	0.0052	0.77149	300.6	35	297.3	32	336	17	DISC	DISC	1.1	Single Age
10SMB10-7	360	0.3826	0.3826	0.047	0.05053	0.0053	0.77193	328.7	34	317.7	32	410	21	DISC	DISC	3.3	Single Age
10SMB10-8	227	0.3423	0.3423	0.046	0.04715	0.0053	0.60824	298.8	35	297	32	310	18	DISC	DISC	0.6	Single Age
10SMB10-9	219	0.5402	0.5402	0.046	0.0696	0.0053	0.75883	438.4	31	433.8	32	462	14	433.8	32	1.0	Single Age
10SMB10-10	666	0.766	0.766	0.048	0.094	0.0057	0.80905	577.3	28	579	33	601	12	579	33	-0.3	Single Age
10SMB10-11	193.9	3.982	3.982	0.07	0.2811	0.0064	0.80599	1632	15	1597	32	1672	10	1672	10	4.5	Single Age
10SMB10-12	361.7	1.033	1.033	0.048	0.1124	0.0055	0.6961	720	24	686	32	815	15	686	32	4.7	Single Age
10SMB10-13	442	0.3368	0.3368	0.046	0.04615	0.0053	0.44643	294.7	35	290.8	33	342	23	DISC	DISC	1.3	Single Age
10SMB10-14	723	0.3422	0.3422	0.048	0.04758	0.0054	0.65948	298.8	36	299.6	33	302	13	DISC	DISC	-0.3	Single Age
10SMB10-15	401	0.3777	0.3777	0.05	0.04496	0.0056	0.66936	325.2	37	283.5	35	620	18	DISC	DISC	12.8	Single Age
10SMB10-16	135.1	0.5735	0.5735	0.051	0.07353	0.0057	0.61362	460.1	33	457.4	34	472	16	457.4	34	0.6	Single Age
10SMB10-17	502.9	0.3194	0.3194	0.052	0.04408	0.0058	0.76297	281.4	40	278	36	294	14	DISC	DISC	1.2	Single Age
10SMB10-18	157	0.5789	0.5789	0.052	0.07416	0.0058	0.56524	463.6	33	461.1	35	462	12	461.1	35	0.5	Single Age
10SMB10-19	149	0.3852	0.3852	0.05	0.0523	0.0057	0.7512	330.7	37	328.6	35	329	16	DISC	DISC	0.6	Single Age
10SMB10-20	336	0.3864	0.3864	0.049	0.05047	0.0056	0.67483	331.7	36	317.4	35	398	14	DISC	DISC	4.3	Single Age
10SMB10-21	522	0.3632	0.3632	0.047	0.04754	0.0053	0.36926	314.5	35	299.4	32	426	25	DISC	DISC	4.8	Single Age
10SMB10-22	318	0.3185	0.3185	0.047	0.04249	0.0052	0.58023	281.3	35	268.2	32	370	18	DISC	DISC	4.7	Single Age
10SMB10-24	1525	0.2044	0.2044	0.046	0.02803	0.0052	0.84676	188.8	39	178.2	33	328	15	DISC	DISC	5.6	Single Age
10SMB10-25	314	0.3411	0.3411	0.047	0.04688	0.0053	0.75517	297.9	35	295.9	32	309	14	DISC	DISC	0.7	Single Age
10SMB10-26	503	0.778	0.778	0.05	0.0928	0.0055	0.87132	584	28	572	32	620	17	572	32	2.1	Single Age
10SMB10-27	61.9	0.379	0.379	0.047	0.0516	0.0053	0.58673	325.9	35	324.3	32	326	21	324.3	32	0.5	Single Age
10SMB10-28	247	0.6271	0.6271	0.047	0.07959	0.0053	0.73794	494.1	29	493.6	32	498	13	493.6	32	0.1	Single Age
10SMB10-29	90.5	1.925	1.925	0.053	0.1857	0.0059	0.79517	1089.3	19	1098	32	1064	12	1064	12	-3.2	Single Age
10SMB10-30	238	0.5789	0.5789	0.047	0.074	0.0054	0.81807	463.5	30	460	32	496	13	460	32	0.8	Single Age
10SMB10-32	433	0.581	0.581	0.048	0.0651	0.0056	0.57823	465.1	31	406	34	787	46	DISC	DISC	12.7	Single Age
10SMB10-35	189	0.5677	0.5677	0.047	0.07367	0.0053	0.6084	456.3	30	458.2	32	461	14	458.2	32	-0.4	Single Age
10SMB10-37	649	0.3313	0.3313	0.047	0.04516	0.0054	0.79242	290.5	36	284.7	33	369	16	DISC	DISC	2.0	Single Age
10SMB10-38	1341	0.333	0.333	0.047	0.04644	0.0054	0.85498	291.7	36	292.6	33	328	14	DISC	DISC	-0.3	Single Age
10SMB10-39	279.3	0.3965	0.3965	0.047	0.05149	0.0053	0.67623	339.1	34	323.6	33	449	15	DISC	DISC	4.6	Single Age
10SMB10-40	93	0.3925	0.3925	0.047	0.0525	0.0053	0.67921	336.9	35	329.8	33	393	15	DISC	DISC	2.1	Single Age
10SMB10-41	365	1.055	1.055	0.053	0.1192	0.0058	0.86362	730	26	726	34	760	20	726	34	0.5	Single Age
10SMB10-42	1022	0.3086	0.3086	0.046	0.0425	0.0052	0.76023	273	36	268.3	32	320	10	DISC	DISC	1.7	Single Age
10SMB10-43	249	0.376	0.376	0.047	0.0498	0.0053	0.76513	323.7	35	313.2	33	382	24	DISC	DISC	3.2	Single Age
10SMB10-44	837	0.3327	0.3327	0.046	0.04599	0.0053	0.77952	291.5	35	289.8	32	313	11	DISC	DISC	0.6	Single Age
10SMB10-46	651	0.3236	0.3236	0.047	0.04459	0.0053	0.85299	284.6	36	281.2	33	310	13	DISC	DISC	1.2	Single Age
10SMB10-47	236	0.736	0.736	0.049	0.0877	0.0056	0.86777	559.7	28	542	33	637	12	542	33	3.2	Single Age
10SMB10-48	547	0.3832	0.3832	0.047	0.05134	0.0053	0.48401	329.3	34	322.7	32	364	13	322.7	32	2.0	Single Age
10SMB10-49	334	1.172	1.172	0.049	0.1296	0.0056	0.84781	788.1	22	786	32	805.5	9.8	786	32	0.3	Single Age
10SMB10-50	306	0.5647	0.5647	0.048	0.0723	0.0054	0.7945	454.4	31	450.1	32	469	11	450.1	32	0.9	Single Age
10SMB10-52	298.4	0.5921	0.5921	0.048	0.07356	0.0054	0.72781	472	31	457.5	32	533	15	457.5	32	3.1	Single Age
10SMB10-53	104.3	0.994	0.994	0.054	0.0998	0.0055	0.36478	700	27	613.2	32	964	41	DISC	DISC	12.4	Single Age
10SMB10-54	1050	0.3776	0.3776	0.047	0.04977	0.0053	0.71701	325.1	35	313.1	32	390	10	DISC	DISC	3.7	Single Age
10SMB10-55	590	0.3165	0.3165	0.047	0.04241	0.0053	0.85015	279.1	36	267.7	33	384	16	DISC	DISC	4.1	Single Age
10SMB10-56	399	0.877	0.877	0.05	0.1013	0.0055	0.83093	640.2	26	623.2	31	685	20	623.2	31	2.7	Single Age
10SMB10-57	89.1	5.55	5.55	0.1	0.3461	0.0069	0.55637	1908	15	1921	35	1884	12	1884	12	-2.0	Single Age
10SMB10-59	294	0.729	0.729	0.051	0.0878	0.0057	0.86222	555.3	30	542	34	590	14	542	34	2.4	Single Age
10SMB10-60	294	0.918	0.918	0.049	0.1071	0.0055	0.81331	661.2	26	656.1	32	671.7	9.1	656.1	32	0.8	Single Age
10SMB10-61	396	0.3823	0.3823	0.048	0.0479	0.0054	0.64543	329.4	36	301.6	33	542	20	DISC	DISC	8.4	Single Age
10SMB10-62	249	5.07	5.07	0.36	0.28	0.019	0.97382	1823	66	1591	97	2114	21	DISC	DISC	24.7	Single Age
10SMB10-63	690	0.3105	0.3105	0.046	0.04332	0.0052	0.728	274.5	36	273.3	32	285	13	DISC	DISC	0.4	Single Age
10SMB10-64	220	0.6199	0.6199	0.047	0.0785	0.0053	0.73465	490.2	30	487.1	32	508	13	487.1	32	0.6	Single Age
10SMB10-65	866	0.3539	0.3539	0.047	0.04772	0.0053	0.79725	307.6	35	300.5	33	383	14	DISC	DISC	2.3	Single Age
10SMB10-66	6500	0.3443	0.3443	0.047	0.04749	0.0053	0.88986	300.3	36	299.1	33	314.2	8.2	DISC	DISC	0.4	Single Age
10SMB10-67	143	0.7808	0.7808	0.048	0.0947	0.0054	0.76322	586.4	28	583.3	32	586	12	583.3	32	0.5	Single Age
10SMB10-69	587	2.987	2.987	0.062	0.2382	0.0061	0.74268	1404	16	1377	32	1457.7	9.7	1457.7	9.7	5.5	Single Age
10SMB10-70	194	4.69	4.69	0.17	0.314	0.012	0.98393	1759	32	1755	61	1789	16	1789	16	1.9	Single Age
10SMB10-72	190	0.5746	0.5746	0.047	0.07435	0.0053	0.55312	460.8	31	462.3	32	455	16	462.3	32	-0.3	Single Age
10SMB10-73	322	0.2932	0.2932	0.047	0.04066	0.0053	0.74975	261	37	256.9	33	292	16	DISC	DISC	1.6	Single Age
10SMB10-74	824	0.3925	0.3925	0.047	0.05317	0.0053	0.81099	336.1	34	333.9	33	350	12	333.9	33	0.7	Single Age
10SMB10-75	1054	0.478	0.478	0.048	0.053	0.0056	0.49023	396.5	33	333	34	815	63	DISC	DISC	16.0	Single Age
10SMB10-76	257.7	0.3435	0.3435	0.047	0.04341	0.0053	0.66661	301.1	36	273.9	33	518	23	DISC	DISC	9.0	Single Age
10SMB10-77	2502	0.281	0.281	0.045	0.03935	0.0053	0.69982	251.7	37	248.8	33	257	11	DISC	DISC	1.2	Single Age
10SMB10-78	163	0.5633	0.5633	0.047	0.07145	0.0053	0.6458	453.5	31	444.9	32	480	16	444.9	32	1.9	Single Age
10SMB10-79	1540	0.3082	0.3082	0.047	0.04255	0.0053	0.80696	272.7	37	268.6	33	284	8.6	DISC	DISC	1.5	Single Age
10SMB10-80	307.2	0.5686	0.5686	0.048	0.07179	0.0054	0.78635	456.9	31	447.7	32	499	13	447.7	32	2.0	Single Age
10SMB10-81	1766	0.218	0.218	0.049	0.0247	0.0058	0.96967	199	40	157	36	795	73	DISC	DISC	21.1	Single Age
10SMB10-82	617	0.3229	0.3229	0.047	0.04367	0.0053	0.80461	284	36	275.5	33	315	13	DISC	DISC	3.0	Single Age
10SMB10-83	160.6	1.699	1.699	0.051	0.1669	0.0056	0.84937	1007.7	19	995	31	1023.1	8.8	1023.1	8.8	2.7	Single Age
10SMB10-84	301	0.3294	0.3294	0.047	0.04514	0.0053	0.69526	289	36	284.6	33	327	14	DISC	DISC	1.5	Single Age
10SMB10-85	97.9	5.9	5.9	0.13	0.3387	0.0086	0.90674	1959	20	1880	41	2045.6	9.9	2045.6	9.9	8.1	Single Age
10SMB10-86	182	0.742	0.742	0.051	0.0903	0.0057	0.842	563	30	557.4	34	579	17	557.4	34	1.0	Single Age
10SMB10-87	309	1.763	1.763	0.053	0.1696	0.0058	0.8188	1031.5	20	1010	32	1069	10	1069	10	5.5	Single Age
10SMB10-88	92.3	0.3692	0.3692	0.049	0.05019	0.0055	0.51286	318.9	37	315.7	34	351	21	DISC	DISC	1.0	Single Age
10SMB10-89	7010	0.38	0.38	0.049	0.05462	0.0056	0.81783	327	36	342.8	34	223.6	5.3	342.8	34	-4.8	Single Age
10SMB10-91	290	0.3472	0.3472	0.048	0.04801	0.0055	0.60291	302.5	36	302.3	34	332	15	DISC	DISC	0.1	Single Age
10SMB10-92	447	0.591	0.591	0.049	0.0759	0.0057	0.92035	471.3	32	471	34	485	16	471	34	0.1	Single Age
10SMB10-93	1172	0.3766	0.3766	0.047	0.04804	0.0053	0.70986	324.4	34	302.4	33	493	24	DISC	DISC	6.8	Single Age
10SMB10-94	188.4	0.4932	0.4932	0.047	0.06463	0.0053	0.57953	406.9	32	403.7	32	450	21	403.7	32	0.8	Single Age
10SMB10-95	616	0.554	0.554	0.054	0.0702	0.0062	0.966	447	35	437	37	516	21	437	37	2.2	Single Age
10SMB10-97	534	0.485	0.485	0.046	0.06447	0.0053	0.79746	401.9	32	402.7	32	407	9.1	402.7	32	-0.2	Single Age
10SMB10-98	930	0.401	0.401	0.047	0.04286	0.0053	0.071518	341.8	34	270.5	33	857	72	DISC	DISC	20.9	Single Age
10SMB10-99	315.4	0.5325	0.5325	0.047	0.06771	0.0053	0.71842	433.3	31	422.3	32	486	15	422.3	32	2.5	Single Age
10SMB10-100	73.8	3.182	3.182	0.069	0.2462	0.0065	0.80792	1452	17	1419	34	1497	11	1497	11	5.2	Single Age
10SMB10-101	877	0.399	0.399	0.047	0.05406	0.0053	0.82248	341.4	33	339.4	32	352	11	339.4	32	0.6	Single Age
10SMB10-102	46.2	0.619	0.619	0.048	0.0792	0.0054	0.49066	488.8	30	491.3	32	476	22	491.3	32	-0.5	Single Age
10SMB10-103	523	0.3329	0.3329	0.047	0.04583	0.0053	0.70088	291.7	36	288.9	33	300	13	DISC	DISC	1.0	Single Age
10SMB10-104	170.4	0.3925	0.3925	0.048	0.05284	0.0054	0.67542	336	35	331.9	33	360	15	331.9	33	1.2	Single Age

10SMB10-105	158.3	0.3158	0.3158	0.048	0.04421	0.0054	0.55008	278.6	37	278.8	33	276	15	DISC	DISC	-0.1	Single Age
10SMB10-106	272	0.4023	0.4023	0.049	0.05178	0.0054	0.67929	343.1	35	325.4	33	468	22	DISC	DISC	5.2	Single Age
10SMB10-107	878	3.28	3.28	0.1	0.2022	0.0073	0.93391	1475	24	1187	39	1930	11	DISC	DISC	38.5	Single Age
10SMB10-108	402	0.3832	0.3832	0.048	0.04625	0.0054	0.56097	329.2	35	291.5	33	592	26	DISC	DISC	11.5	Single Age
10SMB10-109	302	0.3786	0.3786	0.048	0.0478	0.0054	0.58452	325.9	35	301	33	516	18	DISC	DISC	7.6	Single Age
10SMB10-111	203.8	0.627	0.627	0.049	0.0798	0.0055	0.88613	494.5	30	494.9	33	498	14	494.9	33	-0.1	Single Age
10SMB10-112	546	0.5835	0.5835	0.048	0.07546	0.0054	0.77253	466.6	30	469	32	464.6	7.9	469	32	-0.5	Single Age
10SMB10-113	378	0.3505	0.3505	0.047	0.0496	0.0054	0.83206	304.9	35	312.1	33	297	14	DISC	DISC	-2.4	Single Age
10SMB10-114	464	0.767	0.767	0.048	0.0941	0.0055	0.86832	577.6	28	579.5	32	591	13	579.5	32	-0.3	Single Age
10SMB10-115	224	0.578	0.578	0.059	0.0735	0.0067	0.96557	462	38	457	40	509	23	457	40	1.1	Single Age
10SMB10-116	1024	0.428	0.428	0.047	0.0433	0.0054	-0.44656	363.1	32	273	33	1008	98	DISC	DISC	24.8	Single Age
10SMB10-117	280.2	0.8027	0.8027	0.023	0.09754	0.003	0.67326	598.2	13	599.9	18	592.4	8.4	599.9	18	-0.3	Single Age
10SMB10-118	113.8	4.5	4.5	0.14	0.3074	0.0094	0.93595	1729	26	1727	46	1705	12	1705	12	-1.3	Single Age
10SMB10-119	26.8	15.34	15.34	0.33	0.553	0.0094	0.76776	2835	20	2837	39	2837	12	2837	12	0.0	Single Age
10SMB10-120	617	0.385	0.385	0.028	0.0499	0.0037	0.9461	330	20	314	23	460	15	314	23	4.8	Single Age
10SMB10-121	99.4	3.848	3.848	0.05	0.2829	0.0046	0.8329	1602.3	10	1605	23	1608	11	1608	11	0.2	Single Age
10SMB10-123	301.1	0.6067	0.6067	0.025	0.07774	0.0032	0.72416	481.3	16	482.6	19	485	15	482.6	19	-0.3	Single Age
10SMB10-125	83.4	2.47	2.47	0.046	0.2169	0.0038	0.6485	1263	14	1266	20	1285	22	1285	22	1.5	Single Age
10SMB10-128	292	0.3874	0.3874	0.024	0.05308	0.0032	0.78809	332.3	18	333.4	19	332	13	333.4	19	-0.3	Single Age
10SMB10-129	195.3	1.504	1.504	0.045	0.1471	0.0044	0.85382	934	17	885	25	1063	19	1063	19	16.7	Single Age
10SMB10-130	181	0.797	0.797	0.029	0.0964	0.0036	0.89251	594.2	17	593	21	608	14	593	21	0.2	Single Age
10SMB10-131	682	0.3138	0.3138	0.024	0.04327	0.0032	0.80873	277	18	273.1	20	307	11	273.1	20	1.4	Single Age
10SMB10-132	334	0.392	0.392	0.025	0.0474	0.0033	0.83654	335.6	18	298.5	20	598	16	DISC	DISC	11.1	Single Age
10SMB10-133	172	0.674	0.674	0.032	0.0809	0.0041	0.92454	522	20	501	24	589	16	501	24	4.0	Single Age
10SMB10-136	314	0.5687	0.5687	0.024	0.07264	0.0031	0.6166	457	16	452	19	478	13	452	19	1.1	Single Age
10SMB10-137	163.6	0.658	0.658	0.031	0.0791	0.0039	0.95662	513	19	491	23	598	14	491	23	4.3	Single Age
10SMB10-138	415	0.704	0.704	0.028	0.0871	0.0036	0.9245	540.8	17	538	21	543	11	538	21	0.5	Single Age
10SMB10-139	63.37	0.3264	0.3264	0.026	0.04423	0.0032	0.50929	286.4	20	279	20	328	32	279	20	2.6	Single Age
10SMB10-140	945	0.3331	0.3331	0.024	0.04618	0.0032	0.81256	291.8	18	291	20	309	11	291	20	0.3	Single Age
SMB10_1.FIN2	42.3	0.5539	1.473	0.041	0.1519	0.0037	0.44708	918	17	911	21	946	54	946	54	3.7	Single Age
SMB10_2.FIN2	151.7	1.271	1.624	0.014	0.1659	0.0012	0.53975	979.3	5.4	989.4	6.4	973	17	973	17	1.7	Single Age
SMB10_3.FIN2	570	9.79	0.539	0.0064	0.07061	0.0008	0.43476	437.6	4.2	439.8	5	449	22	439.8	5	0.5	Single Age
SMB10_4.FIN2	512	10.7	0.6296	0.0082	0.07931	0.001	0.051598	495.6	5.1	492	5.9	517	18	492	5.9	0.7	Single Age
SMB10_5.FIN2	869	3.4	4.76	0.17	0.2423	0.0077	0.92713	1776	30	1398	40	2264	21	DISC	DISC	38.3	Single Age
SMB10_6.FIN2	144.1	1.213	0.3754	0.0059	0.05143	0.0006	0.41522	323.4	4.3	323.3	3.5	306	35	323.3	3.5	0.0	Single Age
SMB10_8.FIN2	283	5.22	0.5797	0.0068	0.07483	0.0008	0.75967	464.1	4.4	465.1	4.9	463	22	465.1	4.9	0.2	Single Age
SMB10_9.FIN2	177.9	1.399	0.3429	0.0058	0.04724	0.0006	0.15606	299.2	4.3	297.5	3.7	290	42	297.5	3.7	0.6	Single Age
SMB10_10.FIN2	29.42	1.895	2.887	0.065	0.2018	0.0053	0.62017	1377	17	1184	28	1703	46	DISC	DISC	30.5	Single Age
SMB10_11.FIN2	330.9	0.844	0.3809	0.007	0.05167	0.0009	0.51284	327.6	5.2	324.7	5.6	366	46	324.7	5.6	0.9	Single Age
SMB10_13.FIN2	181.5	26.7	1.652	0.018	0.1679	0.0017	0.59827	991.2	7	1000.5	9.2	976	20	976	20	2.5	Single Age
SMB10_14.FIN2	145.7	1.644	12.1	0.15	0.4842	0.0072	0.83365	2611	12	2545	31	2658	13	2658	13	4.3	Single Age
SMB10_15.FIN2	1457	2.36	0.2769	0.0041	0.03702	0.0006	0.89544	248.1	3.3	234.3	3.8	380	19	234.3	3.8	5.6	Single Age
SMB10_16.FIN2	176	1.657	0.586	0.013	0.07211	0.0009	0.27584	467.9	8.5	448.8	5.7	571	44	448.8	5.7	4.1	Single Age
SMB10_17.FIN2	277	1.6	0.354	0.012	0.04875	0.0007	0.25312	307.1	8.7	306.8	4.1	293	37	306.8	4.1	0.1	Single Age
SMB10_18.FIN2	156	0.85	0.3899	0.0056	0.05355	0.0006	0.4837	334.1	4.1	336.3	3.8	322	32	336.3	3.8	0.7	Single Age
SMB10_19.FIN2	228	3.49	0.7424	0.0091	0.09153	0.001	0.50724	564.6	5	564.5	5.8	583	24	564.5	5.8	0.0	Single Age
SMB10_20.FIN2	515	7.03	0.4447	0.0053	0.05944	0.0009	0.63109	373.5	3.8	372.2	5.2	395	27	372.2	5.2	0.3	Single Age
SMB10_22.FIN2	56.3	1.541	3.061	0.05	0.2432	0.0037	0.67296	1422	13	1406	20	1457	24	1457	24	3.5	Single Age
SMB10_23.FIN2	794	13.43	0.6053	0.0057	0.07709	0.0008	0.72498	480.4	3.6	478.7	4.9	500	15	478.7	4.9	0.4	Single Age
SMB10_24.FIN2	596	0.959	0.3311	0.0033	0.04568	0.0005	0.19629	290.4	2.5	287.9	2.8	313	26	287.9	2.8	0.9	Single Age
SMB10_25.FIN2	1409	26.5	0.319	0.018	0.0402	0.0012	0.62198	281	14	254.1	7.7	518	86	254.1	7.7	9.6	Rim
SMB10_25.FIN2	386.5	1.188	0.576	0.011	0.0734	0.0013	0.13445	461.9	7.3	456.7	7.6	486	38	456.7	7.6	1.1	Core
SMB10_26.FIN2	700	3.102	0.332	0.0035	0.04512	0.0005	0.56009	291	2.7	284.5	3.2	350	24	284.5	3.2	2.2	Single Age
SMB10_27.FIN2	285.1	3.1	0.599	0.012	0.0737	0.0013	0.61746	476.2	7.8	458.2	7.7	543	34	458.2	7.7	3.8	Single Age
SMB10_29.FIN2	414	72	0.433	0.056	0.0528	0.0024	0.41226	363	36	332	15	409	75	332	15	8.5	Rim
SMB10_29.FIN2	188	1.102	0.838	0.017	0.0993	0.0023	0.81458	618.1	9.6	610	14	651	26	610	14	1.3	Core
SMB10_31.FIN2	465	2.002	0.3635	0.0066	0.04965	0.0006	0.48652	316.2	4.9	313	4	361	37	313	4	1.0	Single Age
SMB10_32.FIN2	187.7	1.567	0.63	0.012	0.07939	0.0008	0.11552	495.4	7.3	492.5	4.4	499	44	492.5	4.4	0.6	Single Age
SMB10_34.FIN2	102.4	1.311	5.294	0.084	0.3265	0.0053	0.84408	1869	14	1821	26	1924	17	1924	17	5.4	Single Age
SMB10_35.FIN2	148.3	0.546	3.96	0.27	0.2648	0.004	0.25213	1617	50	1514	20	1760	110	1760	110	14.0	Single Age
SMB10_36.FIN2	118	2.029	0.3167	0.0056	0.04431	0.0007	0.031811	279.2	4.3	279.5	4.5	281	51	279.5	4.5	0.1	Single Age
SMB10_37.FIN2	213	3.05	0.5675	0.0067	0.07315	0.0007	0.014874	456.2	4.3	455.1	4	472	31	455.1	4	0.2	Single Age
SMB10_38.FIN2	136.9	5.12	0.5765	0.0093	0.07489	0.0008	0.1456	462.9	5.7	465.5	4.9	457	30	465.5	4.9	0.6	Single Age
SMB10_39.FIN2	388	7.46	0.5741	0.0072	0.07402	0.0009	0.46322	460.5	4.7	460.3	5.6	489	24	460.3	5.6	0.0	Single Age
SMB10_40.FIN2	182	3.85	0.626	0.011	0.0808	0.0012	0.73791	493.3	6.9	501.1	7.2	473	32	501.1	7.2	1.6	Single Age
SMB10_42.FIN2	1191	2.71	0.396	0.011	0.0444	0.0009	0.50969	338.6	8.1	280.1	5.4	775	45	DISC	DISC	17.3	Single Age
SMB10_44.FIN2	362	1.726	0.3568	0.0053	0.04968	0.0007	0.61185	309.7	4	312.5	4.1	282	33	312.5	4.1	0.9	Single Age
SMB10_45.FIN2	232	1.289	0.755	0.012	0.0921	0.0016	0.69644	570.6	6.9	568.1	9.6	592	27	568.1	9.6	0.4	Single Age
SMB10_46.FIN2	454.4	2.269	0.3263	0.0031	0.0454	0.0004	0.42892	286.7	2.4	286.2	2.3	298	22	286.2	2.3	0.2	Single Age
SMB10_48.FIN2	199	2.52	0.3894	0.0064	0.05314	0.0006	0.012334	333.7	4.7	333.8	3.7	344	40	333.8	3.7	0.0	Single Age
SMB10_49.FIN2	156.7	2.506	2.411	0.032	0.2074	0.0026	0.34286	1245.2	9.4	1215	14	1295	22	1295	22	6.2	Single Age
SMB10_50.FIN2	131.1	2.091	1.122	0.014	0.1245	0.0013	0.76928	763.4	6.6	756.2	7.7	789	24	756.2	7.7	0.9	Single Age
SMB10_51.FIN2	317	1.572	0.864	0.011	0.103	0.0013	0.04815	631.9	5.8	631.8	7.4	634	17	631.8	7.4	0.0	Single Age
SMB10_53.FIN2	665	3.622	0.3331	0.0063	0.03556	0.0008	0.75689	291.9	4.8	225.3	5.1	872	31	DISC	DISC	22.8	Single Age
SMB10_54.FIN2	2450	0.0461	0.69	0.1	0.0461	0.0011	0.73869	527	58	290.5	6.6	1740	240	DISC	DISC	44.9	Single Age
SMB10_55.FIN2	54.5	1.419	2.718	0.046	0.2281	0.002	0.19926	1332	12	1324	11	1338	26	1338	26	1.0	Single Age
SMB10_56.FIN2	335	5.23	4.813	0.075	0.2731	0.0051	0.70499	1787	13	1556	26	2054	25	DISC	DISC	24.2	Single Age
SMB10_57.FIN2	219.8	0.615	1.701	0.047	0.1633	0.0036	0.6438	1008	18	975	20	1101	44	1101	44	11.4	Single Age
SMB10_58.FIN2	333	7.53	0.933	0.015	0.1077	0.0016	0.40734	668.6	7.8	659.4	9.2	694	21	659.4	9.2	1.4	Single Age
SMB10_59.FIN2	29.2	2.431	0.338	0.012	0.04665	0.001	0.37208	295.3	8.7	293.9	5.9	310	91	293.9	5.9	0.5	Single Age
SMB10_60.FIN2	512	2.11	0.5684	0.0092	0.0736	0.0011	0.72881	456.6	6	458	6.8	459	20	458	6.8	0.3	Single Age
SMB10_61.FIN2	79.3	1.44	0.319	0.011	0.04297	0.001	0.022613	281	8.4	271.2	6	321	80	271.2	6	3.5	Single Age
SMB10_62.FIN2	428	1.114	0.3981	0.0065	0.0539	0.0012	0.25989	340.2	4.7	338.4	7.4	367	44	338.4	7.4	0.5	Single Age
SMB10_63.FIN2	364.7	0.94	4.477	0.065	0.2992	0.0046	0.83031	1726	12	1686	23	1785	17	1785	17	5.5	Single Age
SMB10_65.FIN2	217	0.686	0.3736	0.0057	0.05084	0.0007	0.48429	322.1	4.2	320.2	4.6	348	33	320.2	4.6	0.6	Single Age
SMB10_66.FIN2	249	1.519	0.3291	0.0077	0.04424	0.0007	0.53571	288.7	5.9	279	4	366	40	279	4	3.4	Single Age
SMB10_69.FIN2	607	8.02	0.3149	0.006	0.04318	0.0008	0.45895	277.9	4.6	272.5	4.6	312	42	272.5	4.6	1.9	Single Age
SMB10_70.FIN2	180	1.746	0.355	0.013	0.04739	0.0005	0.024933	304.2	5.9	298.5	3.3	341	52	298.5	3.3	1.9	Single Age
SMB10_71.FIN2	450	1.149	0.5885	0.0078	0.0755	0.0012	0.78269	469.7	5	469.2	7.2	464	16	469.2	7.2	0.1	Single Age
SMB10_72.FIN2	98.2	1.431	0.334	0.01	0.04408	0.0008	0.30756	292.6	7.9	278.1	5	418	62	278.1	5	5.0	Single Age
SMB10_73.FIN2	422	2.45	0.5473	0.0089	0.0709	0.0015	0.72262	443.1	5.8	441.5	8.9	452	35	441.5	8.9	0.4	Single Age
SMB10_74.FIN2	316	1.98	1.676	0.019	0.1645	0.0023	0.69274	999.1	7.4	982	13	1008	23	1008	23	2.6	Single Age
SMB10_75.FIN2	155.3	1.048	0.3486	0.0076	0.04821	0.0007	0.2157	303.4	5.7	303.5	4.1	282	44	303.5	4.1	0.0	Single Age
SMB10_76.FIN2	113	1.525	0.605	0.014	0.0764	0.001	0.097486	480.3	8.8	474.6	6.2	491	45	474.6	6.2	1.2	Single Age

SMB10_77.FIN2	177	0.8721	0.3307	0.0056	0.04537	0.0006	0.33453	289.9	4.3	286	3.4	305	33	286	3.4	1.3	Single Age
SMB10_78.FIN2	128.6	6.41	0.534	0.011	0.0693	0.0012	0.34236	434.2	7.1	431.7	7.4	424	48	431.7	7.4	0.6	Single Age
SMB10_79.FIN2	930	2.11	0.3111	0.0039	0.04356	0.0006	0.54706	274.9	3	274.9	3.6	282	29	274.9	3.6	0.0	Single Age
SMB10_80.FIN2	414	7.7	0.3873	0.0058	0.05261	0.0006	0.35404	332.2	4.3	330.5	3.3	322	28	330.5	3.3	0.5	Single Age
SMB10_81.FIN2	1846	22.1	0.3488	0.0095	0.0347	0.0016	0.55533	303.8	7.1	220	10	1043	77	DISC	DISC	27.6	Rim
SMB10_81.FIN2	316	7.24	0.5358	0.0099	0.0707	0.0017	0.69547	435.5	6.5	440	10	419	37	440	10	1.0	Core
SMB10_82.FIN2	120	1.159	0.3649	0.0083	0.0504	0.0012	0.64604	316.7	6.4	317	7.4	318	50	317	7.4	0.1	Single Age
SMB10_83.FIN2	688	1.842	0.348	0.0042	0.04746	0.0006	0.346	303.1	3.2	298.9	3.6	336	26	298.9	3.6	1.4	Single Age
SMB10_85.FIN2	135.5	0.759	0.3582	0.0081	0.04981	0.0005	0.30522	310.6	6.1	313.3	3.3	290	50	313.3	3.3	0.9	Single Age
SMB10_86.FIN2	81.9	13.2	0.517	0.018	0.0677	0.0025	0.69687	422	12	422	15	462	65	422	15	0.0	Single Age
SMB10_87.FIN2	70.6	0.902	0.876	0.012	0.1045	0.0013	0.49538	638.7	6.2	640.8	7.7	630	31	640.8	7.7	0.3	Single Age
SMB10_88.FIN2	233.4	1.742	0.802	0.013	0.0973	0.0015	0.80314	597.9	7.2	600.1	8.2	607	21	600.1	8.2	0.4	Single Age
SMB10_89.FIN2	1331	3.133	0.3232	0.009	0.02487	0.0006	0.45897	284.3	6.9	158.4	3.7	1535	60	DISC	DISC	44.3	Rim
SMB10_89.FIN2	474	1.78	0.371	0.0065	0.04527	0.0006	0.005453	320.3	4.8	285.4	3.6	589	42	DISC	DISC	10.9	Core
SMB10_90.FIN2	113	1.109	0.4151	0.0095	0.0561	0.0011	0.57487	352.3	6.8	351.6	6.8	384	45	351.6	6.8	0.2	Single Age
SMB10_91.FIN2	164	1.462	0.83	0.012	0.1019	0.0011	0.51961	613.2	6.6	625.5	6.5	587	28	625.5	6.5	2.0	Single Age
SMB10_92.FIN2	105	1.138	0.3906	0.0099	0.05286	0.0007	0.09362	334.3	7.2	332	4.5	322	52	332	4.5	0.7	Single Age
SMB10_93.FIN2	192.1	1.03	1.686	0.025	0.1697	0.0023	0.58071	1002.9	9.4	1010	13	983	24	983	24	2.7	Single Age
SMB10_94.FIN2	312	2.135	0.4167	0.0065	0.05582	0.0008	0.50952	354.2	4.8	350.1	4.7	371	31	350.1	4.7	1.2	Single Age
SMB10_95.FIN2	307	2.395	0.3521	0.0043	0.04844	0.0006	0.57038	306.2	3.2	304.9	3.4	315	25	304.9	3.4	0.4	Single Age
SMB10_96.FIN2	421	1.42	0.3643	0.0074	0.049	0.001	0.51482	315.3	5.5	308.3	6.1	347	37	308.3	6.1	2.2	Single Age
SMB10_97.FIN2	752	1.77	0.3491	0.0054	0.04789	0.0007	0.58053	303.9	4	301.5	4	299	25	301.5	4	0.8	Single Age
SMB10_99.FIN2	74.6	1.064	1.702	0.026	0.17	0.0022	0.36417	1010	9.7	1012	12	989	31	989	31	2.3	Single Age
SMB10_100.FIN2	295	4.28	0.4119	0.0058	0.05518	0.0006	0.032444	350.2	4.2	346.2	3.6	361	38	346.2	3.6	1.1	Single Age
SMB10_102.FIN2	252	1.297	0.3328	0.0053	0.04591	0.0006	0.41224	291.6	4	289.3	3.5	304	34	289.3	3.5	0.8	Single Age
SMB10_103.FIN2	313	2.66	0.4221	0.0061	0.05631	0.0006	0.60015	357.4	4.3	353.1	3.9	398	27	353.1	3.9	1.2	Single Age
SMB10_104.FIN2	1251	1	0.1945	0.0038	0.02534	0.0005	0.33807	180.4	3.2	161.3	3.4	468	43	DISC	DISC	10.6	Rim
SMB10_104.FIN2	536	1.671	0.379	0.012	0.05238	0.0008	0.53634	326.2	9	329.1	4.9	316	69	329.1	4.9	0.9	Core
SMB10_105.FIN2	20.37	0.496	1.76	0.056	0.1739	0.0038	0.15958	1033	22	1033	21	1083	94	1083	94	4.6	Single Age
SMB10_106.FIN2	207	1.316	0.3926	0.0055	0.05379	0.0005	0.16091	336.1	4	337.8	3	351	32	337.8	3	0.5	Single Age
SMB10_107.FIN2	124.1	0.687	0.4105	0.0069	0.056	0.001	0.61853	349	4.9	351.3	6.4	361	35	351.3	6.4	0.7	Single Age
SMB10_108.FIN2	129	2.35	0.356	0.0098	0.04737	0.0009	0.49149	308.9	7.3	298.3	5.7	380	54	298.3	5.7	3.4	Single Age
SMB10_109.FIN2	395	1.422	0.788	0.01	0.0973	0.0014	0.70121	590.1	5.8	598.4	8	573	25	598.4	8	1.4	Single Age
SMB10_110.FIN2	128	8.7	0.743	0.013	0.0915	0.0011	0.36655	563.7	7.7	564.3	6.4	569	35	564.3	6.4	0.1	Single Age
SMB10_111.FIN2	169	1.141	0.58	0.012	0.07339	0.0009	0.069608	463.9	7.5	456.5	5.3	464	42	456.5	5.3	1.6	Single Age
SMB10_115.FIN2	5420	0.02885	0.3001	0.0031	0.04067	0.0004	0.83285	266.4	2.4	257	2.5	329	12	257	2.5	3.5	Single Age
SMB10_116.FIN2	419	3.434	0.3576	0.0051	0.04911	0.0005	0.46068	310.3	3.8	309	3	310	30	309	3	0.4	Single Age
SMB10_117.FIN2	166.7	1.204	0.3412	0.0053	0.04715	0.0005	0.31174	298.6	4.1	297	3.1	292	33	297	3.1	0.5	Single Age
SMB10_118.FIN2	124.9	1.4	2.756	0.048	0.2216	0.0037	0.70607	1343	13	1290	19	1397	21	1397	21	7.7	Single Age
SMB10_119.FIN2	282	8.57	0.787	0.011	0.0958	0.0011	0.44333	589.2	6.4	589.6	6.7	569	35	589.6	6.7	0.1	Single Age

Sample Name:	**10SMB11**																
Lower Freshwater Molasse II (22 ± 2 Ma)			**Isotopic Ratios**					**Apparent Ages (Ma)**									
	U	**U/Th**	**207Pb**	**2σ error**	**206Pb**	**2σ error**	**Error**	**207Pb**	**2σ error**	**206Pb**	**2σ error**	**207Pb**	**2σ error**	**Best age**	**2σ error**	**Discordance***	**Rim, Core or**
Grain #	**(ppm)**		**235U**	**(abs.)**	**238U**	**(abs.)**	**Corr.**	**235U**	**(Ma)**	**238U**	**(Ma)**	**206Pb**	**(Ma)**	**(Ma)**	**(Ma)**	**%**	**Single Age**
SMB11_1.FIN2	245	4.68	0.604	0.015	0.0751	0.0017	0.71526	479.1	9.2	467	10	508	35	467	10	2.5	Single Age
SMB11_2.FIN2	1460	0.01345	0.39	0.012	0.0502	0.0011	0.49955	334.5	8.5	315.7	6.8	463	53	315.7	6.8	5.6	Single Age
SMB11_5.FIN2	431	1.184	0.3572	0.0036	0.04948	0.0003	0.056434	310.1	2.7	311.3	1.8	303	26	311.3	1.8	0.4	Single Age
SMB11_7.FIN2	181.5	0.754	0.4078	0.0077	0.05582	0.0006	0.27079	347.1	5.5	350.1	3.5	336	42	350.1	3.5	0.9	Single Age
SMB11_8.FIN2	126.1	0.969	0.541	0.011	0.07103	0.0009	0.26152	440.2	7.5	442.4	5.1	456	42	442.4	5.1	0.5	Single Age
SMB11_9.FIN2	160.4	0.652	0.575	0.011	0.0746	0.0011	0.41748	461.1	6.8	463.8	6.4	475	39	463.8	6.4	0.6	Single Age
SMB11_10.FIN2	49.3	1.149	3.7	0.055	0.2761	0.0029	0.48056	1572	11	1571	15	1596	22	1596	22	1.6	Single Age
SMB11_11.FIN2	211	29	0.61	0.084	0.0572	0.001	0.078836	479	48	358.8	6.3	1060	230	DISC	DISC	25.1	Rim
SMB11_11.FIN2	198	1.383	0.617	0.018	0.07072	0.0007	0.069943	487	11	440.5	4.3	710	60	440.5	4.3	9.5	Core
SMB11_12.FIN2	100	1.098	1.099	0.018	0.1202	0.0016	0.42837	752.7	8.9	733.5	9.8	805	35	733.5	9.8	2.6	Single Age
SMB11_13.FIN2	164	4.39	0.663	0.01	0.0835	0.0012	0.66097	516.1	6.4	516.7	6.9	495	37	516.7	6.9	0.1	Single Age
SMB11_14.FIN2	716	0.00996	0.5528	0.0075	0.0681	0.0011	0.22598	446.7	4.9	424.8	6.5	575	36	424.8	6.5	4.9	Single Age
SMB11_15.FIN2	418	2.041	0.444	0.01	0.0502	0.0012	0.47586	373	7.3	315.8	7.2	745	43	DISC	DISC	15.3	Single Age
SMB11_16.FIN2	5681	0.07828	0.3487	0.0031	0.04686	0.0004	0.6915	303.7	2.3	295.2	2.3	385	17	295.2	2.3	2.8	Single Age
SMB11_17.FIN2	6120	0.0915	0.5187	0.0047	0.066	0.0007	0.84785	424.2	3.1	412	4.3	493	12	412	4.3	2.9	Single Age
SMB11_18.FIN2	127.7	1.386	2.23	0.034	0.2019	0.0021	0.56567	1189	10	1185	11	1209	27	1209	27	2.0	Single Age
SMB11_19.FIN2	173.2	2.431	7.263	0.071	0.3892	0.0028	0.3059	2143.7	8.8	2119	13	2172	20	2172	20	2.4	Single Age
SMB11_21.FIN2	721	0.01042	0.5038	0.0072	0.06444	0.0006	0.62861	414.1	4.8	402.6	3.8	489	20	402.6	3.8	2.8	Single Age
SMB11_22.FIN2	190	0.839	0.5433	0.0093	0.07044	0.0008	0.44923	440.3	6.1	438.8	4.8	473	32	438.8	4.8	0.3	Single Age
SMB11_24.FIN2	31.5	0.743	2.13	0.17	0.1697	0.0019	0.2448	1126	42	1010	11	1330	100	DISC	DISC	24.1	Single Age
SMB11_25.FIN2	4630	0.06276	0.3285	0.0038	0.04359	0.0004	0.76429	288.4	2.9	275	2.7	414	20	275	2.7	4.6	Single Age
SMB11_26.FIN2	201.3	0.901	0.2436	0.0039	0.03431	0.0005	0.39345	221.3	3.2	217.5	3	264	37	217.5	3	1.7	Single Age
SMB11_27.FIN2	239.7	1.59	0.5596	0.0094	0.0708	0.001	0.0269	451	6.1	441.2	6.1	506	44	441.2	6.1	2.2	Single Age
SMB11_30.FIN2	166	1.87	0.893	0.016	0.1059	0.0011	0.35348	647.2	8.5	648.9	6.5	639	29	648.9	6.5	0.3	Single Age
SMB11_31.FIN2	362.4	1.309	7.01	0.1	0.3852	0.0056	0.83731	2117	13	2100	26	2128	15	2128	15	1.3	Single Age
SMB11_33.FIN2	85.1	1.127	2.216	0.046	0.1973	0.0045	0.62838	1189	14	1161	24	1209	37	1209	37	4.0	Single Age
SMB11_35.FIN2	550	6.41	0.3907	0.0048	0.05287	0.0006	0.3478	334.7	3.5	332.1	3.4	350	29	332.1	3.4	0.8	Single Age
SMB11_36.FIN2	242	0.318	0.3811	0.0061	0.05168	0.0006	0.27328	327.7	4.5	324.8	3.6	345	37	324.8	3.6	0.9	Single Age
SMB11_37.FIN2	179	1.546	0.553	0.014	0.0694	0.0014	0.60172	446.8	9.3	432.8	8.7	494	45	432.8	8.7	3.1	Single Age
SMB11_38.FIN2	75	1.252	2.746	0.081	0.2243	0.0081	0.58722	1339	22	1303	42	1372	55	1372	55	5.0	Single Age
SMB11_39.FIN2	623	0.0091	0.559	0.015	0.0672	0.0011	0.57466	449.8	9.9	419.2	6.5	609	48	419.2	6.5	6.8	Single Age
SMB11_40.FIN2	159.6	1.032	3.968	0.045	0.2765	0.0031	0.71539	1627.3	9.3	1574	15	1682	16	1682	16	6.4	Single Age
SMB11_41.FIN2	1279	1.255	3.556	0.039	0.2193	0.0025	0.70015	1539.5	8.7	1278	13	1923	16	DISC	DISC	33.5	Single Age
SMB11_43.FIN2	56.9	3.05	0.759	0.02	0.09117	0.0009	0.21697	572	11	562.4	5	603	58	562.4	5	1.7	Single Age
SMB11_44.FIN2	555	1.476	0.394	0.011	0.0503	0.001	0.49093	339	8.7	316.3	6.2	510	58	316.3	6.2	6.7	Single Age
SMB11_46.FIN2	219	1.079	0.3877	0.0085	0.05136	0.0009	0.32549	332.5	6.2	322.9	5.4	423	55	322.9	5.4	2.9	Single Age
SMB11_47.FIN2	155.3	1.718	0.431	0.01	0.05731	0.001	0.14046	363.3	7.2	359.2	6	386	56	359.2	6	1.1	Single Age
SMB11_49.FIN2	213	2.188	3.387	0.057	0.2597	0.0039	0.73471	1502	13	1488	20	1539	18	1539	18	3.3	Single Age
SMB11_50.FIN2	103.4	1.8	0.662	0.018	0.0757	0.0018	0.31549	515	11	471	11	717	64	471	11	8.5	Single Age
SMB11_51.FIN2	175.2	1.363	0.933	0.026	0.1078	0.0015	0.15763	668	13	659.7	8.4	713	52	659.7	8.4	1.2	Single Age
SMB11_57.FIN2	59.7	0.943	5.48	0.08	0.3411	0.0048	0.45668	1896	13	1891	23	1922	20	1922	20	1.6	Single Age
SMB11_58.FIN2	143.2	6.66	0.39	0.0081	0.05254	0.0006	0.14738	334.1	5.9	330.1	3.8	371	48	330.1	3.8	1.2	Single Age
SMB11_59.FIN2	206.1	0.842	0.441	0.02	0.05581	0.0007	0.13116	370	13	350.1	4	458	66	350.1	4	5.4	Single Age
SMB11_60.FIN2	548	1.887	0.6559	0.0087	0.0827	0.0013	0.15665	511.9	5.4	512.3	8	540	40	512.3	8	0.1	Single Age
SMB11_64.FIN2	1363	1.896	0.3402	0.0061	0.04676	0.0005	0.40492	297.2	4.6	294.6	3.3	333	30	294.6	3.3	0.9	Single Age
SMB11_65.FIN2	72	0.947	1.995	0.042	0.1872	0.0024	0.53645	1113	14	1106	13	1136	38	1136	38	2.6	Single Age
SMB11_66.FIN2	102.8	0.556	0.411	0.021	0.0526	0.0009	0.13525	348	14	330.5	5.7	450	100	330.5	5.7	5.0	Single Age
SMB11_68.FIN2	221	0.886	0.825	0.013	0.1005	0.0015	0.3737	610.2	7.2	617.5	8.7	592	35	617.5	8.7	1.2	Single Age
SMB11_69.FIN2	152	3.48	0.875	0.016	0.1038	0.0015	0.34602	637.7	8.4	636.3	8.8	633	36	636.3	8.8	0.2	Single Age

SMB11_70.FIN2	136	2.23	0.5621	0.0086	0.07304	0.0008	0.40824	452.6	5.6	454.4	4.7	445	33	454.4	4.7	0.4	Single Age
SMB11_71.FIN2	794	1.486	0.3404	0.0032	0.04668	0.0004	0.18146	297.5	2.5	294.1	2.4	320	26	294.1	2.4	1.1	Single Age
SMB11_74.FIN2	3764	0.0504	0.3564	0.0066	0.04761	0.001	0.89336	309.4	5	299.8	6	365	20	299.8	6	3.1	Single Age
SMB11_77.FIN2	314	2.981	0.3674	0.0055	0.05029	0.0006	0.29243	317.7	4.1	316.3	3.3	328	36	316.3	3.3	0.4	Single Age
SMB11_79.FIN2	158.6	1.321	0.3881	0.009	0.05257	0.0008	0.33936	333.7	6.8	330.2	4.8	347	49	330.2	4.8	1.0	Single Age
SMB11_81.FIN2	176	0.728	0.5584	0.0097	0.07311	0.0009	0.47516	450.1	6.3	454.8	5.4	419	33	454.8	5.4	1.0	Single Age
SMB11_84.FIN2	132.5	1.64	0.455	0.016	0.05962	0.0009	0.37242	380	11	373.3	5.6	401	70	373.3	5.6	1.8	Rim
SMB11_84.FIN2	134.4	1.923	0.525	0.01	0.0687	0.0011	0.26329	428.1	6.8	428.6	6.8	430	47	428.6	6.8	0.1	Core
SMB11_85.FIN2	722	13.7	0.448	0.016	0.0594	0.0012	0.34356	376	11	372	7.6	382	79	372	7.6	1.1	Rim
SMB11_85.FIN2	203	1.124	0.636	0.012	0.08218	0.0009	0.42934	499.8	7.5	509.1	5.3	472	35	509.1	5.3	1.9	Core
SMB11_86.FIN2	169.8	1.322	0.4165	0.0087	0.05544	0.0008	0.31947	353.3	6.2	347.8	4.8	388	42	347.8	4.8	1.6	Single Age
SMB11_89.FIN2	313	2.52	0.3443	0.0042	0.04731	0.0004	0.17557	300.7	3.2	298	2.7	323	31	298	2.7	0.9	Single Age
SMB11_90.FIN2	75.7	0.4355	0.429	0.012	0.05587	0.0009	0.36083	362.5	8.5	350.4	5.6	403	67	350.4	5.6	3.3	Single Age
SMB11_91.FIN2	309	1.268	2.18	0.026	0.2007	0.0018	0.61943	1174.2	7.9	1178.7	9.8	1165	22	1165	22	1.2	Single Age
SMB11_92.FIN2	260	6.18	0.632	0.017	0.0807	0.0014	0.56299	497	11	500.4	8.4	490	64	500.4	8.4	0.7	Single Age
SMB11_94.FIN2	916	0.0123	0.3565	0.004	0.04759	0.0005	0.47384	309.6	3	299.7	3.2	374	26	299.7	3.2	3.2	Single Age
SMB11_96.FIN2	171	0.485	0.4147	0.0059	0.05647	0.0005	0.35941	352.1	4.2	354.1	3.2	338	30	354.1	3.2	0.6	Single Age
SMB11_97.FIN2	4070	0.04502	0.4289	0.0033	0.04723	0.0005	0.86063	362.3	2.4	297.5	2.9	803	11	DISC	DISC	17.9	Single Age
SMB11_99.FIN2	66.7	1.44	0.871	0.018	0.1077	0.0029	0.41167	641	11	659	17	565	56	659	17	2.8	Single Age
SMB11_100.FIN2	798	1.428	0.3459	0.0029	0.04814	0.0005	0.51004	301.6	2.2	303.1	2.9	307	19	303.1	2.9	0.5	Single Age
SMB11_101.FIN2	80.4	2.258	0.3541	0.0097	0.04797	0.0008	0.23998	308.3	7.1	302	5.1	339	58	302	5.1	2.0	Single Age
SMB11_103.FIN2	118.4	1.026	0.3447	0.0069	0.04729	0.0007	0.35599	300.5	5.2	297.8	4.1	307	43	297.8	4.1	0.9	Single Age
SMB11_115.FIN2	102.5	2.163	0.3757	0.0099	0.04708	0.0008	0.46682	323.5	7.3	296.5	5.1	544	48	296.5	5.1	8.3	Single Age
SMB11_118.FIN2	1450	0.0164	0.497	0.0078	0.06346	0.0008	0.73713	409.6	5.3	396.6	4.9	479	19	396.6	4.9	3.2	Single Age
SMB11_119.FIN2	253	6.97	0.5687	0.0085	0.07352	0.0008	0.17168	456.9	5.4	457.3	4.7	439	31	457.3	4.7	0.1	Single Age
SMB11_120.FIN2	4870	0.08353	0.4633	0.0043	0.05819	0.0006	0.82772	386.5	3	364.6	3.5	515	12	364.6	3.5	5.7	Single Age

Sample Name:	10SMB12																
Lower Marine Molasse (32 ± 1 Ma)			Isotopic Ratios					Apparent Ages (Ma)									
	U	U/Th	207Pb	2σ error	206Pb	2σ error	Error	207Pb	2σ error	206Pb	2σ error	207Pb	2σ error	Best age	2σ error	Discordance*	Rim, Core or
Grain #	(ppm)		235U	(abs.)	238U	(abs.)	Corr.	235U	(Ma)	238U	(Ma)	206Pb	(Ma)	(Ma)	(Ma)	%	Single Age
SMB12_1.FIN2	447	2.389	0.565	0.023	0.072	0.0023	0.92673	454	15	448	14	493	35	448	14	1.3	Rim
SMB12_1.FIN2	74.3	0.891	1.527	0.036	0.1588	0.0038	0.4912	940	14	950	21	910	39	910	39	4.4	Core
SMB12_2.FIN2	227	0.728	0.3167	0.0073	0.04399	0.0008	0.64059	279.2	5.6	277.5	5.1	307	41	277.5	5.1	0.6	Single Age
SMB12_3.FIN2	426.9	5.676	0.73	0.015	0.0761	0.0012	0.60574	556.5	8.7	472.5	7	900	39	DISC	DISC	15.1	Single Age
SMB12_4.FIN2	70	0.667	1.839	0.025	0.1792	0.0019	0.57645	1058.9	8.9	1062	11	1052	21	1052	21	1.0	Single Age
SMB12_6.FIN2	397	6.72	0.372	0.0049	0.05074	0.0005	0.65083	321	3.6	319	3.3	338	25	319	3.3	0.6	Single Age
SMB12_7.FIN2	191	1.43	1.025	0.013	0.1176	0.0015	0.58449	716	6.7	716.4	8.6	718	27	716.4	8.6	0.1	Single Age
SMB12_9.FIN2	121	3.34	0.5474	0.0073	0.0705	0.0007	0.12461	443.1	4.8	439.1	4	460	35	439.1	4	0.9	Single Age
SMB12_10.FIN2	41.6	0.3639	0.351	0.016	0.0475	0.0014	0.18782	305	12	299.2	8.6	330	100	299.2	8.6	1.9	Single Age
SMB12_11.FIN2	312	2.7	0.5721	0.0086	0.073	0.0012	0.74825	459.3	5.6	454.3	7	470	33	454.3	7	1.1	Single Age
SMB12_12.FIN2	1603	1.384	0.2788	0.0027	0.03889	0.0004	0.58545	249.7	2.2	246	2.2	271	19	246	2.2	1.5	Single Age
SMB12_14.FIN2	66.5	1.558	0.767	0.013	0.0915	0.0013	0.34018	578.7	7.5	564.2	7.8	626	36	564.2	7.8	2.5	Single Age
SMB12_16.FIN2	82	0.839	0.766	0.013	0.0928	0.0011	0.24935	577	7.2	572.2	6.2	570	38	572.2	6.2	0.8	Single Age
SMB12_17.FIN2	173.6	3.757	4.809	0.073	0.3319	0.0043	0.39178	1786	13	1848	21	1711	25	1711	25	8.0	Single Age
SMB12_18.FIN2	517	0.8177	0.7457	0.0088	0.0899	0.001	0.6077	566.6	4.9	554.7	6.1	612	25	554.7	6.1	2.1	Single Age
SMB12_19.FIN2	395.5	2.04	0.5818	0.0098	0.0737	0.0008	0.34511	465.5	6.3	458.4	4.7	491	35	458.4	4.7	1.5	Single Age
SMB12_20.FIN2	618.1	4.81	4.772	0.038	0.3083	0.0024	0.77307	1780.8	6.8	1732	12	1830	10	1830	10	5.4	Single Age
SMB12_21.FIN2	389	0.92	0.2895	0.0048	0.0412	0.0005	0.27025	258.1	3.8	260.3	3	258	45	260.3	3	0.9	Single Age
SMB12_24.FIN2	124.6	1.884	3.129	0.048	0.2482	0.004	0.50441	1442	12	1429	21	1467	30	1467	30	2.6	Single Age
SMB12_25.FIN2	54.8	1.508	1.9	0.11	0.179	0.011	0.93734	1075	39	1070	62	1113	40	1113	40	3.9	Single Age
SMB12_26.FIN2	187	1.805	0.496	0.012	0.0662	0.0013	0.40096	409	7.9	412.9	7.7	394	45	412.9	7.7	1.0	Single Age
SMB12_27.FIN2	96.5	0.835	0.741	0.02	0.0881	0.0023	0.45002	563	11	544	14	656	55	544	14	3.4	Single Age
SMB12_29.FIN2	209.7	10.31	0.6202	0.0076	0.07863	0.0007	0.26536	489.8	4.7	487.9	4.3	505	32	487.9	4.3	0.4	Single Age
SMB12_30.FIN2	236	4.48	0.625	0.018	0.0795	0.0016	0.88781	493	11	493	9.4	513	33	493	9.4	0.0	Single Age
SMB12_31.FIN2	36.2	0.666	4.45	0.17	0.2856	0.0061	0.75006	1717	28	1619	31	1847	56	1847	56	12.3	Single Age
SMB12_32.FIN2	157.4	21.7	1.707	0.019	0.1647	0.0016	0.63564	1011.8	6.9	982.6	8.6	1072	21	1072	21	8.3	Single Age
SMB12_34.FIN2	246	1.27	0.653	0.029	0.07721	0.0007	0.12379	508	16	479.4	4.1	579	56	479.4	4.1	5.6	Single Age
SMB12_37.FIN2	290	0.631	0.699	0.011	0.0855	0.0012	0.59065	537.9	6.7	528.6	7.1	573	33	528.6	7.1	1.7	Single Age
SMB12_39.FIN2	541	16.3	0.3994	0.0058	0.0535	0.0007	0.69418	341.1	4.2	336	4.2	362	26	336	4.2	1.5	Single Age
SMB12_40.FIN2	271	7	0.731	0.018	0.0875	0.0011	0.10146	556	10	540.6	6.8	603	42	540.6	6.8	2.8	Single Age
SMB12_41.FIN2	184	0.846	0.7789	0.009	0.09433	0.0009	0.44494	584.7	5.1	581	5.3	587	26	581	5.3	0.6	Single Age
SMB12_42.FIN2	305	0.94	0.3518	0.0047	0.04781	0.0005	0.37061	305.9	3.5	301.1	2.8	338	32	301.1	2.8	1.6	Single Age
SMB12_43.FIN2	135.5	1.364	0.812	0.023	0.0956	0.0024	0.6164	605	12	588	14	656	47	588	14	2.8	Single Age
SMB12_44.FIN2	343	0.858	0.3624	0.0051	0.04867	0.0004	0.25168	313.8	3.8	306.4	2.6	349	31	306.4	2.6	2.4	Single Age
SMB12_45.FIN2	79.6	11.82	0.975	0.017	0.1113	0.0015	0.14261	690.1	9	680.1	8.9	704	38	680.1	8.9	1.4	Single Age
SMB12_46.FIN2	76	0.787	0.857	0.015	0.102	0.0012	0.36403	629.9	8.3	626.1	7.2	625	37	626.1	7.2	0.6	Single Age
SMB12_48.FIN2	1080	1.1	0.6129	0.0086	0.0744	0.0013	0.78683	485.3	5.4	462.3	8.1	583	21	462.3	8.1	4.7	Single Age
SMB12_49.FIN2	78.9	0.6005	0.977	0.047	0.1102	0.0021	0.50224	691	23	674	12	765	79	674	12	2.5	Single Age
SMB12_50.FIN2	358	2.815	1.405	0.026	0.1441	0.0032	0.82023	890	11	868	18	940	25	940	25	7.7	Single Age
SMB12_52.FIN2	126	2.03	1.151	0.016	0.1235	0.0015	0.4448	777.4	7.5	750.7	8.6	862	27	750.7	8.6	3.4	Single Age
SMB12_53.FIN2	938	0.807	2.911	0.09	0.1866	0.0045	0.93783	1387	25	1103	25	1859	21	1859	21	40.7	Rim
SMB12_53.FIN2	293	0.922	4.995	0.075	0.3014	0.0041	0.83212	1818	13	1698	20	1971	14	1971	14	13.9	Core
SMB12_54.FIN2	232.9	0.788	0.3955	0.0098	0.0538	0.0011	0.29522	338.2	7.1	337.9	6.6	325	61	337.9	6.6	0.1	Rim
SMB12_54.FIN2	137.9	1.94	0.474	0.011	0.0646	0.0011	0.3936	393.9	7.3	403.4	6.8	349	46	403.4	6.8	2.4	Core
SMB12_56.FIN2	1220	17.3	0.438	0.036	0.0569	0.0033	0.86218	368	26	357	20	399	63	357	20	3.0	Rim
SMB12_56.FIN2	101.3	1.15	0.622	0.012	0.07734	0.0009	0.035352	490.9	7.2	480.2	5.1	512	47	480.2	5.1	2.2	Core
SMB12_57.FIN2	67.1	0.593	0.784	0.013	0.0944	0.001	0.32112	587.9	7.2	581.5	5.9	602	34	581.5	5.9	1.1	Single Age
SMB12_58.FIN2	194	2.66	6.18	0.25	0.3444	0.0072	0.83751	1992	35	1910	34	2073	38	2073	38	7.9	Single Age
SMB12_59.FIN2	327	1.233	0.0377	0.0019	0.00564	8E-05	0.032832	37.5	1.9	36.26	0.52	81	88	36.26	0.52	3.3	Single Age
SMB12_60.FIN2	118	4.31	0.4032	0.0079	0.05294	0.0006	0.04531	344.4	5.6	332.5	3.5	409	48	332.5	3.5	3.5	Single Age
SMB12_61.FIN2	86.8	48.2	1.957	0.045	0.1865	0.004	0.78844	1099	16	1106	23	1078	26	1078	26	2.6	Single Age
SMB12_62.FIN2	83.5	1.367	6.622	0.065	0.3641	0.0044	0.60437	2062	8.6	2001	21	2118	16	2118	16	5.5	Single Age
SMB12_63.FIN2	168	0.625	0.804	0.012	0.0965	0.0013	0.46725	598.7	7	593.7	7.9	598	33	593.7	7.9	0.8	Single Age
SMB12_64.FIN2	195	2.417	0.682	0.019	0.0835	0.0019	0.65477	527	12	517	11	560	44	517	11	1.9	Single Age
SMB12_65.FIN2	632	2.487	5.279	0.058	0.3103	0.0033	0.79982	1869	10	1742	16	2017	12	2017	12	13.6	Single Age
SMB12_66.FIN2	117.9	2.055	1.554	0.024	0.1557	0.0019	0.65374	951.3	9.7	932	11	965	24	965	24	3.4	Single Age
SMB12_67.FIN2	332	2.77	0.3896	0.0068	0.0534	0.0008	0.5932	334	5	335.3	4.6	325	31	335.3	4.6	0.4	Single Age
SMB12_68.FIN2	153.5	1.654	5.96	0.1	0.3627	0.0069	0.6693	1969	15	1994	33	1931	24	1931	24	3.3	Single Age
SMB12_69.FIN2	506	2.52	1.435	0.021	0.1462	0.0022	0.63242	903.2	8.8	879	12	967	23	967	23	9.1	Single Age
SMB12_70.FIN2	41.1	0.705	0.858	0.016	0.1031	0.0015	0.27124	628.3	8.9	632.5	8.6	611	46	632.5	8.6	0.7	Single Age
SMB12_71.FIN2	131.8	1.043	0.616	0.012	0.0784	0.0015	0.40913	487.1	7.4	486.3	8.9	488	40	486.3	8.9	0.2	Single Age
SMB12_72.FIN2	100.1	1.18	3.23	0.038	0.2511	0.0025	0.4933	1463.9	9	1444	13	1483	20	1483	20	2.6	Single Age
SMB12_73.FIN2	224.8	1.297	0.45	0.013	0.0601	0.0015	0.74217	376.7	9.2	376.4	9.1	369	41	376.4	9.1	0.1	Single Age

SMB12_75.FIN2	335.3	0.384	0.726	0.014	0.0878	0.0013	0.6089	554.1	8.1	542.2	7.9	619	33	542.2	7.9	2.1	Single Age
SMB12_76.FIN2	700	2.07	0.6796	0.0069	0.076	0.0012	0.55233	526.4	4.1	472.3	6.9	811	26	DISC	DISC	10.3	Single Age
SMB12_77.FIN2	44.2	0.3833	3.411	0.051	0.2659	0.0029	0.38794	1506	12	1520	15	1504	28	1504	28	1.1	Single Age
SMB12_78.FIN2	995	40.9	0.465	0.02	0.04913	0.0006	0.098208	387	14	309.2	3.5	900	93	DISC	DISC	20.1	Single Age
SMB12_79.FIN2	717	1.431	0.3822	0.0053	0.0523	0.0007	0.48001	328.6	3.9	328.6	4	364	35	328.6	4	0.0	Single Age
SMB12_81.FIN2	192	0.993	0.897	0.018	0.1075	0.0014	0.70999	649.3	9.5	658.2	8.1	631	26	658.2	8.1	1.4	Single Age
SMB12_82.FIN2	194.5	2.105	0.506	0.014	0.0622	0.0019	0.47807	415.6	9.6	389	11	630	60	389	11	6.4	Single Age
SMB12_83.FIN2	118.2	2.147	2.149	0.029	0.1996	0.003	0.26768	1163.8	9.3	1173	16	1146	30	1146	30	2.4	Single Age
SMB12_84.FIN2	334	54.3	12.43	0.14	0.485	0.009	0.48778	2637	10	2557	37	2702	26	2702	26	5.4	Single Age
SMB12_85.FIN2	139	1.003	0.804	0.01	0.0976	0.001	0.48713	598.8	5.9	600.3	5.7	603	26	600.3	5.7	0.3	Single Age
SMB12_86.FIN2	379	14.4	0.694	0.018	0.0859	0.0022	0.80891	535	11	535	12	572	35	535	12	0.0	Single Age
SMB12_87.FIN2	114	1.012	0.482	0.011	0.06295	0.0008	0.3342	399	7.5	393.5	4.7	415	50	393.5	4.7	1.4	Single Age
SMB12_88.FIN2	358	2.61	0.5598	0.0075	0.07308	0.0008	0.43551	451.3	4.9	454.7	4.6	458	31	454.7	4.6	0.8	Single Age
SMB12_89.FIN2	199.7	2.067	4.862	0.061	0.2902	0.0038	0.78182	1795	11	1642	19	1985	14	1985	14	17.3	Single Age
SMB12_91.FIN2	1744	3.59	0.667	0.029	0.071	0.0034	0.90491	519	18	442	21	886	47	DISC	DISC	14.8	Rim
SMB12_91.FIN2	859	4.614	1.381	0.015	0.1464	0.0028	0.74165	880.6	6.3	881	16	891	23	891	23	1.1	Core
SMB12_92.FIN2	1237	0.0101	0.3461	0.0033	0.0466	0.0005	0.46291	301.7	2.5	293.6	3.3	384	25	293.6	3.3	2.7	Single Age
SMB12_93.FIN2	3050	0.04493	0.4289	0.0051	0.04329	0.0007	0.61089	362.3	3.6	273.2	4.2	995	22	DISC	DISC	24.6	Single Age
SMB12_95.FIN2	254	1.45	4.083	0.035	0.2905	0.0023	0.61006	1650.7	6.9	1644	12	1665	14	1665	14	1.3	Single Age
SMB12_96.FIN2	993	8.6	0.839	0.041	0.0848	0.0023	0.72803	617	23	525	14	977	66	DISC	DISC	14.9	Rim
SMB12_96.FIN2	190	0.836	1.748	0.022	0.1718	0.0021	0.52666	1026.1	8.2	1022	12	1047	24	1047	24	2.4	Core
SMB12_97.FIN2	254	9.96	0.649	0.02	0.0809	0.002	0.70809	508	12	501	12	534	49	501	12	1.4	Single Age
SMB12_100.FIN2	133.5	2.039	1.984	0.035	0.1839	0.0037	0.55888	1109	12	1088	20	1158	33	1158	33	6.0	Single Age
SMB12_101.FIN2	144	2.289	6.897	0.078	0.3873	0.0054	0.79191	2097	10	2109	25	2081	16	2081	16	1.3	Single Age
SMB12_103.FIN2	3620	3.75	0.3193	0.0023	0.04327	0.0003	0.7133	281.4	1.8	273	2.1	354	14	273	2.1	3.0	Single Age
SMB12_104.FIN2	150	1.993	0.967	0.021	0.1044	0.0014	0.1558	686	11	639.9	8.4	829	40	639.9	8.4	6.7	Single Age
SMB12_105.FIN2	231.7	0.697	0.819	0.011	0.0987	0.0014	0.5833	607.3	6.2	606.4	8.1	624	26	606.4	8.1	0.1	Single Age
SMB12_106.FIN2	75.12	1.615	3.565	0.05	0.2703	0.0042	0.58842	1541	11	1542	21	1556	24	1556	24	0.9	Single Age
SMB12_107.FIN2	371	0.7575	1.391	0.019	0.1465	0.0013	0.37756	882.5	6.8	881	7.3	903	19	903	19	2.4	Single Age
SMB12_109.FIN2	486	1.61	0.3697	0.0061	0.04901	0.0005	0.3677	319.3	4.5	308.4	3.3	387	33	308.4	3.3	3.4	Single Age
SMB12_110.FIN2	210.8	0.686	0.8551	0.0099	0.1032	0.0014	0.53655	627.2	5.4	633.1	7.9	606	23	633.1	7.9	0.9	Single Age
SMB12_111.FIN2	442	1.543	0.4828	0.0051	0.06376	0.0005	0.3059	399.9	3.5	398.4	2.8	399	22	398.4	2.8	0.4	Single Age
SMB12_112.FIN2	42.7	1.253	1.193	0.028	0.1297	0.0023	0.39123	796	13	786	13	831	49	786	13	1.3	Single Age
SMB12_113.FIN2	515	0.81	0.655	0.011	0.08103	0.001	0.8509	511.2	6.7	502.2	5.8	535	18	502.2	5.8	1.8	Single Age
SMB12_114.FIN2	848	1.56	0.357	0.0065	0.04959	0.0009	0.75963	309.9	4.9	312	5.8	293	35	312	5.8	0.7	Rim
SMB12_114.FIN2	326	1.772	0.406	0.0077	0.05554	0.0008	0.60444	345.9	5.6	348.4	5.1	335	37	348.4	5.1	0.7	Core
SMB12_115.FIN2	236.9	1.828	0.299	0.0084	0.04064	0.0005	0.07502	265.4	6.5	256.8	3.3	329	66	256.8	3.3	3.2	Single Age
SMB12_116.FIN2	280	4.95	0.545	0.012	0.0698	0.0018	0.42447	441.6	7.6	435	11	448	59	435	11	1.5	Single Age
SMB12_117.FIN2	73	0.955	0.4142	0.0098	0.0549	0.0011	0.42729	351.6	7	344.4	6.7	373	48	344.4	6.7	2.0	Single Age
SMB12_118.FIN2	632	1.032	0.2995	0.0029	0.04191	0.0004	0.56261	266.3	2.2	264.7	2.2	259	20	264.7	2.2	0.6	Single Age
SMB12_120.FIN2	82.4	1.449	1.393	0.02	0.1472	0.0021	0.55163	885.7	8.6	885	12	885	27	885	27	0.0	Single Age

Age vs U/Th Data

Variscan -<22 Ma		
Grain	Age	U/Th
SFB38_27.FIN2	251.7	5.914249685
SFB38_78.FIN2	253.2	4.016326531
SFB49_2_14.FIN2	256.5	1.751269036
SFB33_V_12.FIN2	261.5	2.627906977
SFB14_V_6.FIN2	261.7	1.224719101
SFB33_V_8.FIN2	262.5	4.394402036
SFB38_61.FIN2	262.9	4.982300885
SFB38_30.FIN2	263.6	3.165467626
SFB38_84.FIN2	263.9	2.04040404
SFB38_14.FIN2	264.8	2.995049505
SFB14_V_17.FIN2	266.2	2.18370607
SFB38_76.FIN2	266.8	1.207017544
SFB33_V_15.FIN2	267.5	2.302583026
SFB14_V_19.FIN2	270.8	40.55555556
SFB33_V_11.FIN2	271.6	2.06634416
SFB38_49.FIN2	274	3.482587065
SFB33_V_14.FIN2	274.4	1.830917874
SFB38_25.FIN2	276.3	2.25
SFB38_89.FIN2	276.3	20.6235012
SFB14_V_9.FIN2	276.4	2.208398134
SFB33_V_5.FIN2	276.5	1.901960784
SFB38_75.FIN2	276.9	2.818181818
SFB38_13.FIN2	277	5.210084034
SFB14_V_13.FIN2	277.8	2.816129032
SFB14_V_20.FIN2	277.8	23.21100917
SFB33_V_17.FIN2	278.3	2.981199642
SFB38_109.FIN2	278.3	0.936731107
SFB38_67.FIN2	278.7	3.271084337
SFB38_99.FIN2	279.1	2.720481928
SFB38_112.FIN2	279.2	2.22673031
SFB14_V_4.FIN2	279.6	3.120879121
SFB38_72.FIN2	280.5	1.837307153
SFB38_114.FIN2	280.6	2.026086957
SFB38_103.FIN2	280.7	2.776255708
SFB38_110.FIN2	281.6	4.988388295
SFB14_V_3.FIN2	281.8	3.857777778
SFB38_31.FIN2	282.1	3.130177515
SFB38_87.FIN2	282.7	5.965463108
SFB33_V_18.FIN2	283.5	2.276450512
SFB38_8.FIN2	283.5	1.149847095
SFB38_98.FIN2	283.6	4.205035971
SFB14_V_8.FIN2	284.5	2.085714286
SFB14_V_14.FIN2	284.5	3.102941176
SFB38_38.FIN2	284.6	4.463366337
SFB33_V_6.FIN2	284.8	1.979716024
SFB38_33.FIN2	285.3	2.056737589
SFB38_85.FIN2	285.4	3.861386139
SFB33_V_3.FIN2	285.9	2.017391304
SFB38_43.FIN2	286.6	2.812757202
SFB38_86.FIN2	286.6	2.194594595
SFB33_V_10.FIN2	286.7	1.771269177
SFB33_V_13.FIN2	287.2	2.945736434
SFB38_71.FIN2	287.3	2.5
SFB38_90.FIN2	287.4	1.666430092

Caledonian and Cadomian <22		
Grain	Age	U/Th
SFB38_11.FIN2	420.2	11.62460568
SFB14_C_16.FIN2	425.2	11.47487844
SFB49_2_1.FIN2	426	5.826086957
SFB14_C_14.FIN2	427.6	8.223140496
SFB38_29.FIN2	428.3	20.13636364
SFB38_73.FIN2	428.8	10.70175439
SFB38_115.FIN2	432.7	10.6969697
SFB38_21.FIN2	433.7	4.581005587
SFB38_18.FIN2	436.1	1.792
SFB38_119.FIN2	437.1	10.05649718
SFB33_C_19.FIN2	439.8	9.178571429
SFB33_C_3.FIN2	440.7	2.835820896
SFB38_104.FIN2	442.1	8.370607029
SFB38_108.FIN2	443.4	3.912790698
SFB33_C_6.FIN2	443.7	3.987012987
SFB38_26.FIN2	447.1	9.423929099
SFB38_19.FIN2	449.5	3.435897436
SFB38_81.FIN2	450	1.413793103
SFB38_5.FIN2	451.5	7.623762376
SFB38_106.FIN2	452.1	10.11235955
SFB33_C_8.FIN2	453.1	23.44155844
SFB38_111.FIN2	453.1	8.397212544
SFB38_82.FIN2	453.4	9.937759336
SFB33_C_10.FIN2	455.4	4.587174349
SFB33_C_15.FIN2	455.9	2.607282185
SFB33_C_11.FIN2	456.6	4.866071429
SFB14_C_15.FIN2	456.9	1.579349904
SFB33_C_4.FIN2	457.4	11.0880829
SFB14_C_8.FIN2	462.4	5.288930582
SFB14_C_12.FIN2	462.4	6.75
SFB33_C_17.FIN2	465	5.939759036
SFB14_C_3.FIN2	465.6	11.39583333
SFB38_113.FIN2	465.6	8.201754386
SFB14_C_6.FIN2	465.7	6.700201207
SFB38_2.FIN2	465.8	2.202702703
SFB38_93.FIN2	465.9	8.813559322
SFB14_C_13.FIN2	466.1	9.945848375
SFB33_C_1.FIN2	466.3	2.206153846
SFB33_C_18.FIN2	466.4	4.688090737
SFB33_C_7.FIN2	468.1	13.84615385
SFB38_96.FIN2	469.5	2.23364486
SFB33_C_9.FIN2	469.9	5.859649123
SFB49_2_43.FIN2	470.6	14.44155844
SFB38_69.FIN2	470.8	1.682432432
SFB33_C_14.FIN2	471.6	6.042345277
SFB33_C_5.FIN2	478.2	6.807692308
SFB38_64.FIN2	478.3	6.236080178
SFB14_C_7.FIN2	479	2.471846044
SFB14_C_11.FIN2	480	3.110344828
SFB38_102.FIN2	481.3	4.509090909
SFB38_6.FIN2	482	17.24770642
SFB38_7.FIN2	482	2.829113924
SFB14_C_20.FIN2	489.9	4.87962963
SFB33_C_12.FIN2	493.6	23.67491166

Variscan- >22		
Grain	Age	U/Th
SFB21_87.FIN2	254.7	2.796296296
SFB21_72.FIN2	257.6	5.317185698
SFB21_114.FIN2	270.9	3.043243243
SFB21_44.FIN2	274.9	2.932642487
SFB21_97.FIN2	278.0	4.455882353
SFB21_09.FIN2	279.1	2.133333333
SFB21_21.FIN2	285.7	5.324675325
SFB21_98.FIN2	289.1	1.528023599
SFB21_59.FIN2	290.1	3.200295639
SFB21_06.FIN2	290.7	1.364452424
SFB21_101.FIN2	293.2	1.820224719
SFB21_29.FIN2	293.8	4.738853503
SFB21_78.FIN2	293.8	1.528
SFB21_35.FIN2	295.3	3.184210526
SFB21_95.FIN2	297.6	5.131578947
SFB21_61.FIN2	299.8	2.968061674
SFB21_25.FIN2	303.0	2.771084337
SFB21_18.FIN2	303.8	5.626843658
SFB21_24.FIN2	305.4	3.140096618
SFB21_01.FIN2	308.1	3.86627907
SFB21_39.FIN2	313.5	3.583460949
SFB21_64.FIN2	332.0	1.023633678
SFB45_114.FIN2	284.2	2.38253012
SFB45_47.FIN2	296.0	3.609496124
SFB45_80.FIN2	296.6	3.421633554
SFB45_57.FIN2	304.9	3.231316726
SFB45_74.FIN2	304.9	1.736654804
SFB45_50.FIN2	306.1	3.294117647
SFB45_65.FIN2	308.0	4.649974451
SFB45_108.FIN2	310.8	4.799528302
SFB45_02.FIN2	311.1	2.467980296
SFB45_111.FIN2	312.8	3.005154639
SFB45_87.FIN2	313.8	0.716535433
SFB45_81.FIN2	314.3	2.294617564
SFB45_55.FIN2	315.9	1.534635879
SFB45_09.FIN2	323.3	1.417445483
SFB45_60.FIN2	328.1	3.018867925
SFB45_44.FIN2	329.6	2.570934256
SFB45_05.FIN2	333.0	9.702970297
SFB45_45.FIN2	333.6	1.594202899
SFB45_17.FIN2	340.4	4.137931034
SFB45_76.FIN2	341.1	2.603988604
SFB45_75.FIN2	341.4	1.673469388
SFB45_82.FIN2	341.7	3.03030303
SFB45_35.FIN2	342.1	1.007407407
SFB45_12.FIN2	343.5	26.11464968
SFB45_49.FIN2	355.0	2.014705882

Caledonian and Cadomian >22		
Grain	Age	U/Th
SFB21_20.FIN2	402.0	31.77664975
SFB21_17.FIN2	428.1	10.97560976
SFB21_53.FIN2	442.5	13.80108992
SFB21_28.FIN2	444.5	2.83047619
SFB21_42.FIN2	445.2	1.345549738
SFB21_111.FIN2	446.6	2.344827586
SFB21_89.FIN2	447.6	20.25782689
SFB21_12.FIN2	448.0	17.2519084
SFB21_03.FIN2	448.1	26.26176219
SFB21_31.FIN2	448.4	8.262195122
SFB21_76.FIN2	449.4	12.75211451
SFB21_73.FIN2	450.0	4.573304158
SFB21_65.FIN2	450.3	0.81559633
SFB21_109.FIN2	452.1	13.36065574
SFB21_62.FIN2	452.9	2.899563319
SFB21_106.FIN2	456.6	2.268817204
SFB21_104.FIN2	457.6	3.892927958
SFB21_118.FIN2	458.0	2.282352941
SFB21_117.FIN2	458.4	3.798319328
SFB21_120.FIN2	461.9	14.21940928
SFB21_92.FIN2	463.8	52.04918033
SFB21_70.FIN2	465.2	2.4609375
SFB21_10.FIN2	465.9	6.660377358
SFB21_60.FIN2	465.9	2.452830189
SFB21_116.FIN2	466.1	1.61
SFB21_27.FIN2	466.3	1.377713459
SFB21_88.FIN2	466.9	3.081395349
SFB21_41.FIN2	467.8	5.166666667
SFB21_26.FIN2	468.2	9.54954955
SFB21_112.FIN2	468.8	9.858657244
SFB21_100.FIN2	470.0	18.22323462
SFB21_36.FIN2	470.8	6.576576577
SFB21_38.FIN2	471.4	4.372294372
SFB21_119.FIN2	475.0	19.7804878
SFB21_90.FIN2	475.6	14.23766816
SFB21_110.FIN2	477.7	5.583756345
SFB21_32.FIN2	482.4	5.723905724
SFB21_71.FIN2	488.9	3.397350993
SFB21_52.FIN2	489.0	3.651685393
SFB21_33.FIN2	490.0	2.190860215
SFB21_102.FIN2	490.2	3.166965889
SFB21_105.FIN2	492.4	2.456422018
SFB21_99.FIN2	498.8	8.823529412
SFB21_37.FIN2	510.2	4.704562453
SFB21_50.FIN2	516.0	6.451612903
SFB21_45.FIN2	522.7	8.884462151
SFB21_46.FIN2	532.0	3.628099174
SFB21_103.FIN2	543.0	6.639344262
SFB21_30.FIN2	546.0	9.760956175
SFB21_07.FIN2	547.6	10.12195122
SFB21_51.FIN2	553.0	6.19047619
SFB21_54.FIN2	554.4	2.846153846
SFB21_107.FIN2	562.2	1.836419753
SFB21_68.FIN2	567.4	1.637931034

SFB38_116.FIN2	287.8	4.594827586
SFB38_66.FIN2	288.3	2.432835821
SFB14_V_11.FIN2	289.1	1.4536862
SFB38_74.FIN2	289.1	1.717948718
SFB38_22.FIN2	289.6	2.205466541
SFB38_92.FIN2	290	2.979683973
SFB38_55.FIN2	290.3	1.972093023
SFB14_V_16.FIN2	290.7	1.954022989
SFB14_V_5.FIN2	290.8	3.45106383
SFB38_1.FIN2	290.9	2.144104803
SFB33_V_4.FIN2	291.5	1.67721519
SFB38_91.FIN2	291.7	1.417142857
SFB14_V_2.FIN2	292	3.680672269
SFB33_V_2.FIN2	292.1	4.52244898
SFB33_V_20.FIN2	292.3	2.561728395
SFB33_V_7.FIN2	292.7	3.211009174
SFB38_88.FIN2	292.9	2.468208092
SFB38_95.FIN2	293.1	2.676646707
SFB38_54.FIN2	293.5	3.418367347
SFB14_V_7.FIN2	294.5	3.05
SFB14_V_20.FIN2	295.1	4.604385129
SFB38_48.FIN2	295.1	3.217293655
SFB33_V_9.FIN2	295.5	3.576388889
SFB38_83.FIN2	296.7	4.817204301
SFB38_118.FIN2	297.4	3.690851735
SFB33_V_19.FIN2	297.8	4.657051282
SFB14_V_18.FIN2	298.3	2.315315315
SFB14_C_5.FIN2	298.4	3.1171875
SFB38_47.FIN2	298.4	1.68771527
SFB14_V_12.FIN2	299.2	2.163588391
SFB38_100.FIN2	299.3	2.763667671
SFB49_2_41.FIN2	299.8	2.603092784
SFB33_V_16.FIN2	300.3	3.578651685
SFB33_V_1.FIN2	301	2.891304348
SFB38_41.FIN2	301.6	2.134920635
SFB38_56.FIN2	303.5	2.05834684
SFB38_3.FIN2	303.6	2.831479897
SFB14_V_19.FIN2	304.6	3.746223565
SFB38_65.FIN2	306.2	2.665056361
SFB38_12.FIN2	306.7	1.896551724
SFB38_66.FIN2	311.8	4.358422939
SFB38_120.FIN2	316	162.3294858
SFB49_2_16.FIN2	318	1.060555088
SFB38_52.FIN2	319.1	3.959459459
SFB38_6.FIN2	329	98.75
SFB38_7.FIN2	329	4.2578125
SFB49_2_7.FIN2	330.4	0.433522727
SFB38_4.FIN2	332	4.725347452
SFB38_20.FIN2	332.3	2.701680672
SFB38_44.FIN2	332.3	2.11143695
SFB49_2_45.FIN2	332.4	2.013157895
SFB38_15.FIN2	335.3	2.099371069
SFB38_68.FIN2	337.9	2.062162162
SFB38_35.FIN2	500	3.432989691
SFB38_9.FIN2	502.6	2.865621026
SFB38_62.FIN2	502.7	6.306451613
SFB38_17.FIN2	509.4	6.606606607
SFB38_58.FIN2	511	3.503649635
SFB38_105.FIN2	513.8	5.8
SFB38_77.FIN2	514.6	7.660550459
SFB38_23.FIN2	518	6.06284658
SFB38_97.FIN2	523.3	8.198757764
SFB38_28.FIN2	528.4	16.94267516
SFB38_115.FIN2	530.5	2.051136364
SFB38_24.FIN2	535.6	7.012448133
SFB33_C_16.FIN2	540.3	2.52742616
SFB14_C_19.FIN2	540.4	2.045045045
SFB14_C_1.FIN2	541.3	12.56345178
SFB38_59.FIN2	548.3	1.023890785
SFB38_53.FIN2	584.8	2.96039604
SFB38_116.FIN2	591.8	0.558649789
SFB38_42.FIN2	596	2.190942472
SFB33_C_7.FIN2	597	1.871186441
SFB38_64.FIN2	609	1.410714286
SFB38_29.FIN2	622	3.793969849
SFB38_53.FIN2	628.7	1.770491803
SFB14_C_17.FIN2	629.5	4.6
SFB49_2_43.FIN2	667.8	1.000520833
SFB14_C_18.FIN2	669.6	2.184713376
SFB38_117.FIN2	677.1	1.438735178
SFB21_14.FIN2	572.4	10.2739726
SFB21_63.FIN2	595.0	0.749266862
SFB21_77.FIN2	596.6	0.520852641
SFB21_08.FIN2	603.3	3.227091633
SFB21_43.FIN2	603.9	1.990384615
SFB21_80.FIN2	612.0	2.464285714
SFB21_05.FIN2	626.2	61.23076923
SFB21_74.FIN2	659.1	4.068627451
SFB21_113.FIN2	659.5	9.159292035
SFB21_67.FIN2	670.2	27.22222222
SFB21_34.FIN2	692.0	5.786163522
SFB21_04.FIN2	701.9	3.291746641
SFB45_90.FIN2	398.5	2.378929482
SFB45_61.FIN2	400.0	5
SFB45_69.FIN2	403.4	3.354655295
SFB45_48.FIN2	419.0	0.824675325
SFB45_105.FIN2	450.6	14.375
SFB45_58.FIN2	451.6	2.359900374
SFB45_73.FIN2	454.0	1.102725367
SFB45_51.FIN2	456.9	4.291187739
SFB45_71.FIN2	459.6	13.80208333
SFB45_15.FIN2	467.4	1.663760028
SFB45_95.FIN2	468.1	1.765472313
SFB45_63.FIN2	481.0	5.611111111
SFB45_39.FIN2	492.4	1.841860465
SFB45_112.FIN2	495.0	1.148282098
SFB45_20.FIN2	499.8	2.592592593
SFB45_06.FIN2	500.4	4.227272727
SFB45_78.FIN2	502.7	1.186440678
SFB45_56.FIN2	525.7	1.550403226
SFB45_36.FIN2	532.3	24.87179487
SFB45_08.FIN2	532.9	45.98540146
SFB45_53.FIN2	542.5	2.696832579
SFB45_42.FIN2	542.9	1.331428571
SFB45_41.FIN2	551.0	1.635761589
SFB45_32.FIN2	552.0	5.3
SFB45_117.FIN2	552.3	3.157142857
SFB45_110.FIN2	566.5	17.34197731
SFB45_23.FIN2	567.1	0.040453074
SFB45_98.FIN2	569.3	1.103225806
SFB45_24.FIN2	570.9	2.487046632
SFB45_66.FIN2	571.0	1.896226415
SFB45_62.FIN2	578.0	2.911428571
SFB45_93.FIN2	582.6	1.177165354
SFB45_89.FIN2	587.0	1.236453202
SFB45_25.FIN2	601.0	2.554744526
SFB45_37.FIN2	610.6	2.761437908
SFB45_22.FIN2	611.1	0.983102919
SFB45_30.FIN2	618.0	2.477973568
SFB45_13.FIN2	640.6	1.600340136
SFB45_77.FIN2	647.0	9.903121636
SFB45_27.FIN2	670.7	1.277777778
SFB45_115.FIN2	683.4	2.346938776
SFB45_40.FIN2	697.3	1.475750577
SFB45_59.FIN2	702.0	2.535172414

REE Data

All Zircon REE Data with Associated U-Pb Age Data

	1	2	3	4	6	7	8	9	10	11	12	13	14	15
Ch(T&M)	0.367	0.957	0.137	0.711	0.231	0.087	0.306	0.058	0.381	0.0851	0.249	0.0356	0.248	0.0381

Samples and Grains	La_ppm_m139	Ce_ppm_m140	Pr_ppm_m141	Nd_ppm_m146	Sm_ppm_m147	Eu_ppm_m153	Gd_ppm_m157	Tb_ppm_m159	Dy_ppm_m163	Ho_ppm_m165	Er_ppm_m166	Tm_ppm_m169	Yb_ppm_m172	Lu_ppm_m175	Hf_ppm_m178	Th ppm	U ppm
SFB14																	
SFB14_V_2.FIN2	0.076	10.32	0.096	1.07	3.24	0.246	19.6	7.63	111	43.5	208.8	52.3	538	74.9	10010	238	876
SFB14_V_3.FIN2	3	18.1	1.71	8.5	5.8	0.45	24.7	9.25	130.9	51.3	254	64.8	672	95.6	9730	225	868
SFB14_V_4.FIN2	0.16	17.1	0.19	2.3	5.08	0.629	29.1	11.9	169	66.5	328	85.1	874	127.7	9900	455	1420
SFB14_V_5.FIN2	0.47	10.6	0.37	4.6	7.7	1.39	38.8	14.1	191	73	357	94.2	1005	150	9700	235	811
SFB14_V_6.FIN2	0.031	5.69	0.128	2.29	3.76	0.532	13.5	3.22	30.2	7.89	25.75	4.88	42.3	4.87	8120	80.1	98.1
SFB14_V_7.FIN2	12.6	59	8.2	50	21.7	3.2	43	12.3	141	49.9	227	55.8	561	84.4	9850	220	671
SFB14_V_8.FIN2	0.016	5.15	0.109	2.4	6.56	0.614	36.1	11.3	138	47.3	198	43.2	391	54.3	8390	80.5	167.9
SFB14_V_9.FIN2	0.007	5.46	0.0742	1.25	2.42	0.788	10.28	3.6	50.7	22.1	114	30.8	334	54.8	6720	64.3	142
SFB14_V_11.FIN2	0.0155	1.72	0.0615	0.951	1.56	0.647	6.13	2.05	27.7	10.5	50	13.32	151	22.82	5150	105.8	153.8
SFB14_V_12.FIN2	3.2	29.9	1.11	7.1	5.85	1.46	25.9	9.14	122	46.2	228	61.2	687	100.8	9360	379	820
SFB14_V_13.FIN2	1.61	27.5	0.9	6.2	6.3	0.95	37.2	14.6	219	89.3	454	120.1	1235	204	9460	620	1746
SFB14_V_14.FIN2	73	214	29.6	160	48.8	1.87	73.9	17.6	195.1	65.6	282	64	605	80.9	9310	272	844
SFB14_V_15.FIN2	0.0176	19.6	0.247	4.53	9.6	1.8	49.9	17.6	227	82.8	382	94.5	965	134.7	8810	391	885
SFB14_V_16.FIN2	3.4	14.2	1.47	10.9	9.7	0.552	38.6	11	125	42.1	176	39.4	370	55	6190	87	170
SFB14_V_17.FIN2	0.95	32.8	0.84	9.04	18.8	0.522	107.1	37.6	478	170.4	725	157.6	1381	189	9340	626	1367
SFB14_V_18.FIN2	0.36	9.9	0.31	3.6	5.64	0.79	29.7	9.8	121	42.5	185	41.7	382	55.7	7260	111	257
SFB14_V_19.FIN2	0.001	3.36	0.0057	0.058	0.59	0.148	4.8	3.04	52.6	22.8	130	42.9	592	92.2	1.92E+04	54	2190
SFB14_V_19.FIN2	0.088	8.33	0.066	0.81	1.72	0.268	11.3	4.3	61.3	24.4	125	32.3	341	54.2	9850	99.3	372
SFB14_V_20.FIN2	0.024	3.17	0.0225	0.176	0.38	0.125	4.8	2.18	36.4	18	110	39.8	563	115	2.19E+04	109	2530
SFB14_V_20.FIN2	0.15	7.69	0.075	0.65	0.86	0.142	6.4	2.76	42	17.89	98.9	27.1	297	49.9	11350	104.9	483
SFB14_C_1.FIN2	0.032	0.711	0.124	2.09	6.66	0.128	53.8	28.5	425	151.1	645	148	1340	156	11240	39.4	495
SFB14_C_3.FIN2	0.089	0.67	0.085	1.3	4.1	0.106	36.4	17.2	265	102	478	114	1070	147	12270	48	547
SFB14_C_6.FIN2	0.0061	0.75	0.0416	0.85	3.65	0.07	30.5	15.61	245	99	477	117.5	1117	156.8	10920	49.7	333
SFB14_C_7.FIN2	0.093	3.14	0.228	4.15	10.35	0.639	58.4	19.78	255.3	93	425	98	909	137.9	9090	140.3	346.8
SFB14_C_8.FIN2	0.17	1.14	0.149	2.04	6.3	0.101	41.6	16	233	90.6	428	104.1	1004	141.9	10950	53.3	281.9
SFB14_C_11.FIN2	0.0174	1.84	0.124	2.35	6.73	0.123	47.9	20.51	301.5	116.9	556	131.9	1223	173.7	11220	145	451
SFB14_C_12.FIN2	0.0091	0.68	0.055	1.29	4.69	0.084	33.1	16.81	242	83.5	361	80.8	716	93	11660	52	351
SFB14_C_13.FIN2	0.0057	0.497	0.037	0.818	4.19	0.061	36.5	20.59	341	133.5	643	155.5	1465	192	11240	55.4	551
SFB14_C_14.FIN2	0.0022	0.702	0.022	0.405	1.63	0.071	12.34	5.38	73.1	26.9	120	28.4	271	39.2	10570	24.2	199
SFB14_C_15.FIN2	0.165	21.95	0.71	9.8	29.7	9	139	39.3	421	134.8	573	128.7	1185	169.8	9570	523	826
SFB14_C_16.FIN2	0.022	1.081	0.066	1.32	5.51	0.293	37.5	17.41	252	96.2	454	105.3	969	144	12970	61.7	708
SFB14_C_17.FIN2	-0.0002	9.51	0.0203	0.393	1.27	0.069	7.4	2.88	40.5	15.65	76.2	19.32	197	29.6	9480	30	138
SFB14_C_18.FIN2	0.0108	26.4	0.1162	2.09	4.25	1.32	20.6	6.93	87.5	31.3	147	37.3	381	60.8	10580	314	686
SFB14_C_19.FIN2	0.0032	19.2	0.0364	0.792	2.47	0.609	15.49	6.15	87.4	35	179.4	47.8	513	82.4	9930	111	227
SFB14_C_20.FIN2	1.6	7.8	1.09	14.6	47.7	28.8	252	65.6	583	157	626	137.7	1239	168.4	11060	108	527
SFB33																	
SFB33_V_1.FIN2	0.0142	10.5	0.0555	1.21	2.77	0.624	16.55	5.94	80.3	30.38	148	39.6	432	66	9440	184	532
SFB33_V_2.FIN2	2.74	15.9	1.07	6.1	3.57	0.306	18.6	7.96	118.2	48.2	240	63.7	683	103.1	11920	245	1108
SFB33_V_3.FIN2	32	83	10.7	55	22.8	2.84	67.9	20.47	233.5	77.7	326.1	72.3	664	93.1	6680	138	278.4
SFB33_V_4.FIN2	1.31	12.9	0.97	12.3	22.4	2.83	102.7	31.32	362.2	117.9	481	102.1	899	126.4	6511	221.2	371
SFB33_V_5.FIN2	0.036	3.64	0.0431	0.648	1.46	0.666	8.32	3.02	40.5	15.48	74.4	19.43	213.4	34.72	7980	117.3	223.1
SFB33_V_6.FIN2	9.1	53.2	6.34	40.2	23.9	1.88	74	22.8	285	99.9	455	111.4	1096	164.8	8750	493	976
SFB33_V_7.FIN2	0.094	14.73	0.077	1.09	2.48	0.445	16.3	6.38	91.3	36.6	189.8	52.3	578	93.6	9700	218	700
SFB33_V_8.FIN2	0.93	15.42	0.49	3.31	4.48	0.77	24.5	9.9	148.5	58.9	300	81.8	887	133.2	10510	393	1727
SFB33_V_9.FIN2	22.9	68	9.8	53	19.3	0.427	45.8	14.1	179	60.7	263	60.5	558	74.7	9210	144	515
SFB33_V_10.FIN2	0.0099	9.01	0.0944	2.16	5.62	0.322	33.8	11.04	136	47.7	207.6	46.5	426	62.4	7910	71.7	127
SFB33_V_11.FIN2	1.71	17	0.73	5.4	6.15	0.404	31.2	10.14	128.2	44.7	192.8	43.4	397	56.4	7281	144.7	299
SFB33_V_12.FIN2	0.11	13.1	0.1	1.25	2.1	0.63	12.2	4.49	64.2	25.3	130	36.7	422	69.1	11020	172	452
SFB33_V_13.FIN2	4.4	31	3.1	23	16.2	0.96	56	19.2	257	87.3	409	96.3	942	126.8	11790	387	1140
SFB33_V_13.FIN2	11.18	34.8	3.83	23.5	15.5	1.09	65.7	19.96	241.2	79.4	333	71.5	627	90.4	6560	159.7	300
SFB33_V_14.FIN2	0.0393	5.45	0.254	4.66	8.64	1.13	40.3	11.99	141	46.6	202	45.6	424	62.9	6540	62.1	113.7
SFB33_V_15.FIN2	64	212	28.9	158	60.7	1.07	130.4	39.2	481	168.6	763	181	1800	232	9920	1355	3120
SFB33_V_16.FIN2	0.022	10.07	0.0496	0.84	1.9	0.381	12.46	4.71	65.9	25.69	130.8	35.4	387	61.4	10040	178	637
SFB33_V_17.FIN2	0.09	14.82	0.0945	1.57	3.53	0.588	19.3	7.38	102.9	40.5	204.5	54.7	616	91.9	9210	223.4	666
SFB33_V_18.FIN2	1.06	16	0.55	4	4.74	1.31	22.9	8.48	117	44.4	215	55.7	581	91	9530	293	667
SFB33_V_19.FIN2	0.57	13.27	0.288	2.21	2.88	0.53	18.9	8.03	126.4	50.8	277.6	75.9	806	131.3	11220	312	1453
SFB33_V_20.FIN2	0.075	16.9	0.102	1.66	4.67	0.65	26	10.26	142.5	53.9	269	70.8	766	111.9	10290	324	830
SFB33_C_1.FIN2	0.062	4.22	0.111	2.23	5.27	0.328	28.8	9.57	124.6	44.1	199.8	45.8	422	62.4	9290	130	286.8
SFB33_C_3.FIN2	0.103	5.92	0.14	2.58	6.8	0.396	39	14.16	190	69.9	317	75.6	735	100.3	9530	201	570
SFB33_C_4.FIN2	4.73	16.3	2.47	14	9.7	0.318	40.1	16.6	234	84	395	100	1000	137	12180	96.5	1070
SFB33_C_5.FIN2	0.008	0.91	0.056	1.38	4.91	0.19	34.4	13.4	182	63.4	290	70.4	704	98	10740	52	354
SFB33_C_6.FIN2	0.0106	1.95	0.0673	1.71	5.5	0.093	40.8	16.9	250	95.3	455	109	1034	143.9	10220	154	614
SFB33_C_7.FIN2	0.038	0.79	0.0341	0.58	2.71	0.092	22.5	12.1	208	86	429	110	1130	154	11720	31.2	432
SFB33_C_7.FIN2	0.053	6.45	0.087	1.26	2.16	0.473	10.5	3.7	50.4	18.9	89.6	22.2	226	35.7	8290	29.5	55.2
SFB33_C_8.FIN2	0.0112	0.356	0.045	1	2.74	0.179	17.1	7.18	102	37	174	47.6	540	73.7	11590	15.4	361
SFB33_C_9.FIN2	0.0013	1.08	0.041	1.01	3.42	0.164	23.5	8.8	112	35.3	148	33.1	301	41.9	11390	57	334
SFB33_C_10.FIN2	0.042	1.93	0.076	1.47	5.29	0.151	39.3	17.86	271.9	105.2	503	119.8	1165	152.8	10520	49.9	228.9
SFB33_C_11.FIN2	0.16	0.86	0.116	1.98	6.46	0.119	47.6	19.6	283	106.8	503	120	1142	158.6	10650	67.2	327
SFB33_C_12.FIN2	0.19	0.534	0.076	0.83	2.5	0.175	20.7	10.38	156	57.1	269	70.6	717	98	10960	28.3	670
SFB33_C_14.FIN2	0.0212	1.104	0.115	2.27	6.51	0.204	46.6	20.97	316	119.6	566	135.8	1322	170.8	9530	61.4	371
SFB33_C_15.FIN2	6.9	29.3	5.5	41	25.9	1.88	69	18.9	223	75.5	332	75.5	705	102.5	9910	153.8	401
SFB33_C_16.FIN2	11	40	4	20	8.8	0.184	29.6	10.86	149	54.4	253	61.5	598	81.6	9580	237	599
SFB33_C_17.FIN2	2.8	7.8	0.84	3.8	5.23	0.1	37.8	17.9	284	114.7	571	146.2	1483	196.8	11110	166	986
SFB33_C_18.FIN2	0.009	0.933	0.0513	1.22	4.11	0.135	29.4	11.6	166	61.9	294	70.5	690	100.1	10430	52.9	248
SFB33_C_19.FIN2	0.0076	0.566	0.055	1.14	5.03	0.053	41.7	23	386	156.4	794	204	2000	261	11170	56	514
SFB38																	
SFB38_118.FIN2	0.003	3.8	0.013	0.37	1.7	0.194	7.4	3.3	49	19.3	101	25.2	278	40.2	1.44E+04	48	2.10E+03
SFB38_25.FIN2	0.22	9.3	0.046	1.1	3.81	0.522	27.1	11	146	53.6	252	59.4	578	78.1	11230	189	791
SFB38_79.FIN2	0.42	14.7	0.27	2.8	4.95	0.6	26.5	9.05	126.4	46.4	229	57.1	566	86.9	9360	245	571
SFB38_63.FIN2	0.1	13.69	0.084	0.98	3.23	0.579	22.6	9.13	134.4	51.8	257	65.2	695	98.9	10210	232	867
SFB38_27.FIN2	0.063	5.82	0.05	0.56	1.7	0.054	12.9	5.84	88.6	33.9	165.4	42.2	422	59.1	11840	79.3	469
SFB38_78.FIN2	0.039	5.8	0.08	1.59	5.83	0.84	32.3	12.5	168	59.9	270	66.2	635	82.9	9840	122.5	492
SFB38_61.FIN2	0.04	5.97	0.086	0.73	1.27	1.84	8.1	2.96	44.6	18.5	96.6	25.6	286	43.8	9920	113	563
SFB38_30.FIN2	0.056	4.67	0.093	1.45	4.45	0.335	28.2	10.7	146	53.9	251	58.2	559	78.3	10230	139	440
SFB38_84.FIN2	2.1	10.7	0.9	6.9	8.5	0.85	39.1	12.9	154	52	225	48.1	432	62	8240	99	202
SFB38_14.FIN2	0.028	4.75	0.065	1.31	3.46	0.24	21.4	7.1	89	30.9	134	30.8	294	40.8	8560	40.4	121
SFB38_76.FIN2	0.49	20.8	0.818	11.7	21.7	1.73	113.6	36.9	458	152.1	645	137.8	1200	163.3	9370	570	688
SFB38_49.FIN2	0.22	17.8	0.64	7.1	10.8	0.53	49	18.2	245	91	438	113	1180	164	11270	603	2100
SFB38_25.FIN2	0.096	11.2	0.158	2.68	6.2	0.856	35.3	12.34	164	59	269	61.7	571	83.6	9070	184	414
SFB38_89.FIN2	0.036	0.829	0.038	0.84	4.63	0.28	41.6	19.92	311	117.9	574	148.4	1549	189.2	10450	83.4	1720
SFB38_75.FIN2	0.0053	13.8	0.047	0.97	2.85	0.46	17.9	6.78	97	38.2	182	45.9	472	68.6	9890	165	465
SFB38_13.FIN2	0.0029	10.75	0.0185	0.469	1.85	0.271	15.62	6.96	104.5	42.9	224	57.9	601	92.1	11060	154.7	806
SFB38_109.FIN2	0.0165	51.9	0.22	4.88	10.7	3.07	54.6	18.4	222	79.1	357	80.8	774	118.2	8560	569	533
SFB38_67.FIN2	4.4	29.7	2	12.1	6.99	0.639	28.1	10.59	154.2	59.3	299	75.3	770	119	11190	332	1086
SFB38_99.FIN2	0.122	23.5	0.116	1.39	3.4	0.445	23.1	9.89	147.1	58.9	296.6	76.3	787	120.4	10140	415	1129
SFB38_112.FIN2	32.1	111	14.2	83	34.2	0.64	95.6	28.5	345	117.9	503	108.9	981	130	8570	419	933
SFB38_72.FIN2	73	209	26.7	129	38.1	2.75	86.2	26.7	318	114	540	128	1250	193	10060	713	1310
SFB38_114.FIN2	0.044	16.81	0.216	4.43	11.38	1.99	70	24.9	327	115.5	511	114.9	1066	152.2	8330	460	932
SFB38_103.FIN2	0.0164	13.56	0.0486	0.885	2.33	0.496	14.09	5.41	77	30.8	157.8	42.3	458	72.5	9940	219	608
SFB38_110.FIN2	5.5	28	2.8	17	7	0.46	24	8.95	127	49.1	238.3	60.5	623	87.7	10400	215.3	1074
SFB38_31.FIN2	0.59	15.9	0.25	1.6	1.93	0.291	11.17	4.5	64.4	26.6	138.5	38.7	437	69.1	9400	169	529
SFB38_87.FIN2	0.0041	7.06	0.0172	0.383	1.06	0.191	5.34	1.99	28.5	10.56	52.6	13.76	151.7	23.54	10430	63.7	380
SFB38_8.FIN2	0.13	23.98	0.791	13.87	23.6	5.73	92.6	28.4	324	107.3	469	108.5	1034	144.6	7140	327	376
SFB38_98.FIN2	2	15.5	0.86	5.7	3.8	0.31	19.7	7.83	114.4	45.8	235	61.3	644	94.6	10950	278	1169
SFB38_38.FIN2	0.001	5.97	0.0108	0.142	0.4	0.107	3.55	1.41	22.4	9.85	53.9	15.59	186	31.1	11260	50.5	225.4
SFB38_33.FIN2	210	580	86	450	116	0.82	153	32.1	326	103.9	425	91.8	806	114.8	8920	282	580
SFB38_85.FIN2	0.0026	5.57	0.0179	0.33	1.11	0.207	8.3	3.04	44.3	16.7	83	21.9	232	33.8	10720	50.5	195
SFB38_43.FIN2	3.3	24.7	1.33	7.9	5.4	0.56	27.3	10.8	155	58.5	294	74.3	764	113	10810	486	1367
SFB38_86.FIN2	3.5	26.6	1.2	6.5	4.33	0.86	21.2	7.96	113.3	44.5	230	62	658	109	10690	370	812
SFB38_71.FIN2	4.4	24.8	1.51	8.7	6.76	1.058	30.7	10.39	138.2	49.4	232	56.4	547	80.2	8520	172	430
SFB38_90.FIN2	1.11	12.3	0.58	5.77	8.32	1.84	39.1	13.33	167.1	58.8	258	60	567	80.8	7870	140.9	234.8
SFB38_116.FIN2	0.026	17.9	0.175	3.37	7	1.69	34.9	14	194	68.9	311	78	770	95	8910	116	533
SFB38_66.FIN2	0.0049	13.8	0.082	2.03	4.8	0.77	23.2	8.5	112	42.3	206	55	577	85.8	8950	201	489
SFB38_74.FIN2	1.32	15.1	0.74	7.5	11.1	1.66	58	19	239	84	376	85	780	114	8760	312	536
SFB38_22.FIN2	0.0069	7.21	0.0615	1.154	2.2	0.684	11.48	4.06	55.7	21.6	107.4	28.2	301	45.4	7490	106.1	234
SFB38_92.FIN2	1.29	28.6	0.49	3	2.99	0.565	21.7	9.04	135.7	58.2	302.9	82.1	881	141.8	9980	443	1320
SFB38_55.FIN2	0.042	16.1	0.118	2.08	5	0.92	25	8.3	110	38.3	187	47.7	512	75.7	9910	215	424
SFB38_1.FIN2	0.019	16.2	0.125	2.15	4.72	1	25.2	9.45	131.5	51.9	265	67.3	692	110.3	8100	229	491
SFB38_91.FIN2	0.57	14.6	0.537	6.89	9.58	1.71	38.1	11.45	140.9	50.3	229	56.5	574	85.2	6610	175	248
SFB38_88.FIN2	0.271	23.26	0.599	4.62	5.39	1.41	23.9	8.82	119	45.8	231	60.2	620	99.4	10100	346	854
SFB38_95.FIN2	0.0127	6.3	0.158	3.35	10.1	0.393	65	24.5	338	127	576	131	1220	172	11160	334	894
SFB38_54.FIN2	0.9	9.5	0.18	1.27	2.08	0.337	11	4.03	58.5	22.9	121	32.5	350	57.5	9930	98	335
SFB38_48.FIN2	0.32	13.51	0.162	1.62	3.23	0.533	18.3	6.84	95.3	37.9	193.9	50.3	533	83.4	9280	178.1	573
SFB38_83.FIN2	0.0243	5.91	0.15	4.4	22	12	98	26	250	89	287	69	663	92.7	10860	186	896
SFB38_118.FIN2	0.041	10.44	0.054	0.78	2.57	0.46	13.95	5.77	83.6	31.5	157.5	38.7	399	60.5	9930	95.1	351
SFB38_47.FIN2	0.0451	6.69	0.101	1.75	3.51	0.9	17.8	5.56	71.4	26	122.7	30	301	46.3	8300	87.1	147
SFB38_100.FIN2	0.078	11.7	0.084	1.59	4.26	0.72	24.9	9.15	122.6	46.4	225.4	56.7	593	90.1	10110	232.3	642
SFB38_41.FIN2	0.0102	1.99	0.197	4.23	9.35	0.312	46.6	15.6	202	71	325	75.5	722	104.8	9720	126	269
SFB38_56.FIN2	0.0201	2.16	0.292	5.66	14.56	0.354	67.8	22	265.4	86.6	374	84.6	785	104.6	9690	61.7	127
SFB38_3.FIN2	22.8	54	6.1	22.2	4.7	0.69	8.1	2.36	30.3	11.62	62.2	17.27	200.9	34.6	10320	116.9	331
SFB38_65.FIN2	0.0155	1.69	0.213	3.79	9.11	0.317	46.6	14.5	182	63	281	64.1	582	86	10580	124.2	331
SFB38_12.FIN2	0.019	8.2	0.097	1.5	3.17	0.334	14.2	4.35	53.3	18.24	80.9	18.54	173.3	24.04	9900	98.6	187
SFB38_66.FIN2	0.04	10.98	0.03	0.57	2.13	0.206	15.1	6.89	104.1	43.2	234.9	64.3	680	114.6	10760	279	1216

Samples and Grains	LaN	CeN	PrN	NdN	SmN	EuN	GdN	TbN	DyN	HoN	ErN	TrN	YbN	LuN	Ce/Ce*	Eu/Eu*	La/Lu	Yb/Dy	Lu/Gd	U/Th	U/Pb Age (Ma)	error (2 sigma)
SFB14																						
SFB14_V_2.FIN2	0.21	10.78	0.70	1.50	14.03	2.83	64.05	131.55	291.34	511.16	838.55	1469.10	2169.35	1965.88	28.31	0.09	0.0001	7.45	30.69178853	3.68	292	2
SFB14_V_3.FIN2	8.17	18.91	12.48	11.95	25.11	5.17	80.72	159.48	343.57	602.82	1020.08	1820.22	2709.68	2509.19	1.87	0.11	0.0033	7.89	31.08546654	3.86	281.8	1.9
SFB14_V_4.FIN2	0.44	17.87	1.39	3.23	21.99	7.23	95.10	205.17	443.57	781.43	1317.27	2390.45	3524.19	3351.71	22.98	0.16	0.0001	7.95	35.24474389	3.12	279.6	1.5
SFB14_V_5.FIN2	1.28	11.08	2.70	6.47	33.33	15.98	126.80	243.10	501.31	857.81	1433.73	2646.07	4052.42	3937.01	5.96	0.25	0.0003	8.08	31.04959818	3.45	290.8	2.2
SFB14_V_6.FIN2	0.08	5.95	0.93	3.22	16.28	6.11	44.12	55.52	79.27	92.71	103.41	137.08	170.56	127.82	21.16	0.23	0.0007	2.15	2.897287839	1.22	261.7	3.6
SFB14_V_7.FIN2	34.33	61.65	59.85	70.32	93.94	36.78	140.52	212.07	370.08	586.37	911.65	1567.42	2262.10	2215.22	1.36	0.32	0.0155	6.11	15.76414576	3.05	294.5	3.4
SFB14_V_8.FIN2	0.04	5.38	0.80	3.38	28.40	7.06	117.97	194.83	362.20	555.82	795.18	1213.48	1576.61	1425.20	28.89	0.12	0.0000	4.35	12.08061596	2.09	284.5	2.6
SFB14_V_9.FIN2	0.02	5.71	0.54	1.76	10.48	9.06	33.59	62.07	133.07	259.69	457.83	865.17	1346.77	1438.32	56.13	0.48	0.0000	10.12	42.8138117	2.21	276.4	2.8
SFB14_V_11.FIN2	0.04	1.80	0.45	1.34	6.75	7.44	20.03	35.34	72.70	123.38	200.80	374.16	608.87	598.95	13.05	0.64	0.0001	8.37	29.89865255	1.45	289.1	3.1
SFB14_V_12.FIN2	8.72	31.24	8.10	9.99	25.32	16.78	84.64	157.59	320.21	542.89	915.66	1719.10	2770.16	2645.67	3.72	0.36	0.0033	8.65	31.25771441	2.16	299.2	2.9
SFB14_V_13.FIN2	4.39	28.74	6.57	8.72	27.27	10.92	121.57	251.72	574.80	1049.35	1823.29	3373.60	4979.84	5354.33	5.35	0.19	0.0008	8.66	44.04368809	2.82	277.8	6.9
SFB14_V_14.FIN2	198.91	223.62	216.06	225.04	211.26	21.49	241.50	303.45	512.07	770.86	1132.53	1797.75	2439.52	2123.36	1.08	0.10	0.0937	4.76	8.792260237	3.10	284.5	3.1
SFB14_V_15.FIN2	0.05	20.48	1.80	6.37	41.56	20.69	163.07	303.45	595.80	972.97	1534.14	2654.49	3891.13	3535.43	69.65	0.25	0.0000	6.53	21.68021082	2.26		
SFB14_V_16.FIN2	9.26	14.84	10.73	15.33	41.99	6.34	126.14	189.66	328.08	494.71	706.83	1106.74	1491.94	1443.57	1.49	0.09	0.0064	4.55	11.44384154	1.95	290.7	3.5
SFB14_V_17.FIN2	2.59	34.27	6.13	12.71	81.39	6.00	350.00	648.28	1254.59	2002.35	2911.65	4426.97	5568.55	4960.63	8.60	0.04	0.0005	4.44	14.17322835	2.18	266.2	3.4
SFB14_V_18.FIN2	0.98	10.34	2.26	5.06	24.42	9.08	97.06	168.97	317.59	499.41	742.97	1171.35	1540.32	1461.94	6.94	0.19	0.0007	4.85	15.06243538	2.32	298.3	2.1
SFB14_V_19.FIN2	0.00	3.51	0.04	0.08	2.55	1.70	15.69	52.41	138.06	267.92	522.09	1205.06	2387.10	2419.95	329.75	0.27	0.0000	17.29	154.2716535	40.56	270.8	8
SFB14_V_19.FIN2	0.24	8.70	0.48	1.14	7.45	3.08	36.93	74.14	160.89	286.72	502.01	907.30	1375.00	1422.57	25.61	0.19	0.0002	8.55	38.52275103	3.75	304.6	3.3
SFB14_V_20.FIN2	0.07	3.31	0.16	0.25	1.65	1.44	15.69	37.59	95.54	211.52	441.77	1117.98	2270.16	3018.37	31.96	0.28	0.0000	23.76	192.4212598	23.21	277.8	3.9
SFB14_V_20.FIN2	0.41	8.04	0.55	0.91	3.72	1.63	20.92	47.59	110.24	210.22	397.19	761.24	1197.58	1309.71	16.99	0.18	0.0003	10.86	62.62057087	4.60	295.1	3.2
SFB14_C_1.FIN2	0.09	0.74	0.91	2.94	28.83	1.47	175.82	491.38	1115.49	1775.56	2590.36	4157.30	5403.23	4094.49	2.64	0.02	0.0000	4.84	23.2883529	12.56	541.3	3.4
SFB14_C_3.FIN2	0.24	0.70	0.62	1.83	17.75	1.22	118.95	296.55	695.54	1198.59	1919.68	3202.25	4314.52	3858.27	1.80	0.03	0.0001	6.20	32.43488795	11.40	465.6	4.4
SFB14_C_6.FIN2	0.02	0.78	0.30	1.20	15.80	0.80	99.67	269.14	643.04	1163.34	1915.66	3300.56	4504.03	4115.49	11.03	0.02	0.0000	7.00	41.2897896	6.70	465.7	3.5
SFB14_C_7.FIN2	0.25	3.28	1.66	5.84	44.81	7.34	190.85	341.03	670.08	1092.83	1706.83	2752.81	3665.32	3619.42	5.05	0.08	0.0001	5.47	18.96478266	2.47	479	4.5
SFB14_C_8.FIN2	0.46	1.19	1.09	2.87	27.27	1.16	135.95	275.86	611.55	1064.63	1718.88	2924.16	4048.39	3724.41	1.68	0.02	0.0001	6.62	27.39589643	5.29	462.4	4.5
SFB14_C_11.FIN2	0.05	1.92	0.91	3.31	29.13	1.41	156.54	353.62	791.34	1373.68	2232.93	3705.06	4931.45	4559.06	9.28	0.02	0.0000	6.23	29.12465274	3.11	480	4.6
SFB14_C_12.FIN2	0.02	0.71	0.40	1.81	20.30	0.97	108.17	289.83	635.17	981.20	1449.80	2269.66	2887.10	2440.94	7.12	0.02	0.0000	4.55	22.56583486	6.75	462.4	5.2
SFB14_C_13.FIN2	0.02	0.52	0.27	1.15	18.14	0.70	119.28	355.00	895.01	1568.74	2582.33	4367.98	5907.26	5039.37	8.02	0.02	0.0000	6.60	42.2478697	9.95	466.1	3.9
SFB14_C_14.FIN2	0.01	0.73	0.16	0.57	7.06	0.82	40.33	92.76	191.86	316.10	481.93	797.75	1092.74	1028.87	23.64	0.05	0.0000	5.70	25.51334244	8.22	427.6	6.1
SFB14_C_15.FIN2	0.45	22.94	5.18	13.78	128.57	103.45	454.25	677.59	1104.99	1584.02	2301.20	3615.17	4778.23	4456.69	15.03	0.43	0.0001	4.32	9.811136917	1.58	456.9	7.1
SFB14_C_16.FIN2	0.06	1.13	0.48	1.86	23.85	3.37	122.55	300.17	661.42	1130.43	1823.29	2957.87	3907.26	3779.53	6.65	0.06	0.0000	5.91	30.84094488	11.47	425.2	5.7
SFB14_C_17.FIN2	0.00	9.94	0.15	0.55	5.50	0.79	24.18	49.66	106.30	183.90	306.02	542.70	794.35	776.90	#NUM!	0.07	0.0000	7.47	32.12598425	4.60	629.5	8.7
SFB14_C_18.FIN2	0.03	27.59	0.85	2.94	18.40	15.17	67.32	119.48	229.66	367.80	590.36	1047.75	1536.29	1595.80	174.61	0.43	0.0000	6.69	23.70460974	2.18	669.6	4.6
SFB14_C_19.FIN2	0.01	20.06	0.27	1.11	10.69	7.00	50.62	106.03	229.40	411.28	720.48	1342.70	2068.55	2162.73	416.83	0.30	0.0000	9.02	42.72403329	2.05	540.4	5.9
SFB14_C_20.FIN2	4.36	8.15	7.96	20.53	206.49	331.03	823.53	1131.03	1530.18	1844.89	2514.06	3867.98	4995.97	4419.95	1.38	0.80	0.0010	3.26	5.367079115	4.88	489.9	4
SFB33																						
SFB33_V_1.FIN2	0.04	10.97	0.41	1.70	11.99	7.17	54.08	102.41	210.76	356.99	594.38	1112.36	1741.94	1732.28	87.64	0.28	0.0000	8.26	32.0289269	2.89	301	2.6
SFB33_V_2.FIN2	7.47	16.61	7.81	8.58	15.45	3.52	60.78	137.24	310.24	566.39	963.86	1789.33	2754.03	2706.04	2.18	0.11	0.0028	8.88	44.51866904	4.52	292.1	2.5
SFB33_V_3.FIN2	87.19	86.73	78.10	77.36	98.70	32.64	221.90	352.93	612.86	913.04	1309.64	2030.90	2677.42	2443.57	1.05	0.22	0.0357	4.37	11.01225749	2.02	285.9	2.8
SFB33_V_4.FIN2	3.57	13.48	7.08	17.30	96.97	32.53	335.62	540.00	950.66	1385.43	1931.73	2867.98	3625.00	3317.59	2.68	0.18	0.0011	3.81	9.884918231	1.68	291.5	2.1
SFB33_V_5.FIN2	0.10	3.80	0.31	0.91	6.32	7.66	27.19	52.07	106.30	181.90	298.80	545.79	860.48	911.29	21.65	0.58	0.0001	8.09	33.51605088	1.90	276.5	2.6
SFB33_V_6.FIN2	24.80	55.59	46.28	56.54	103.46	21.61	241.83	393.10	748.03	1173.91	1827.31	3129.21	4419.35	4325.46	1.64	0.14	0.0057	5.91	17.8863588	1.98	284.8	2.2
SFB33_V_7.FIN2	0.26	15.39	0.56	1.53	10.74	5.11	53.27	110.00	239.63	430.08	762.25	1469.10	2330.65	2456.69	40.57	0.21	0.0001	9.73	46.11951113	3.21	292.7	1.9
SFB33_V_8.FIN2	2.53	16.11	3.58	4.66	19.39	8.85	80.07	170.69	389.76	692.13	1204.82	2297.75	3576.61	3496.06	5.35	0.22	0.0007	9.18	43.66511329	4.39	262.5	1.9
SFB33_V_9.FIN2	62.40	71.06	71.53	74.54	83.55	4.91	149.67	243.10	469.82	713.28	1056.22	1699.44	2250.00	1960.63	1.06	0.04	0.0318	4.79	13.09940515	3.58	295.5	2.5
SFB33_V_10.FIN2	0.03	9.41	0.69	3.04	24.33	3.70	110.46	190.34	356.96	560.52	833.73	1306.18	1717.74	1637.80	69.06	0.07	0.0000	4.81	14.82737735	1.77	286.7	2.8
SFB33_V_11.FIN2	4.66	17.76	5.33	7.59	26.62	4.64	101.96	174.83	336.48	525.26	774.30	1219.10	1600.81	1480.31	3.57	0.09	0.0031	4.76	14.51847365	2.07	271.6	1.9
SFB33_V_12.FIN2	0.30	13.69	0.73	1.76	9.09	7.24	39.87	77.41	168.50	297.30	522.09	1030.90	1701.61	1813.65	29.27	0.38	0.0002	10.10	45.48986705	2.63	261.5	2
SFB33_V_13.FIN2	11.99	32.39	22.63	32.35	70.13	11.03	183.01	331.03	674.54	1025.85	1642.57	2705.06	3798.39	3328.08	1.97	0.10	0.0036	5.63	18.1856018	2.95	287.2	3.1
SFB33_V_13.FIN2	30.46	36.36	27.96	33.05	67.10	12.53	214.71	344.14	633.07	933.02	1337.35	2008.43	2528.23	2372.70	1.25	0.10	0.0128	3.99	11.0509474	1.88		
SFB33_V_14.FIN2	0.11	5.69	1.85	6.55	37.40	12.99	131.70	206.72	370.08	547.59	811.24	1280.90	1709.68	1650.92	12.78	0.19	0.0001	4.62	12.53551122	1.83	274.4	4.3
SFB33_V_15.FIN2	174.39	221.53	210.95	222.22	262.77	12.30	426.14	675.86	1262.47	1981.20	3064.26	5084.27	7258.06	6089.24	1.15	0.04	0.0286	5.75	14.28916477	2.30	267.5	2.3
SFB33_V_16.FIN2	0.06	10.52	0.36	1.18	8.23	4.38	40.72	81.21	172.97	301.88	525.30	994.38	1560.48	1611.55	71.43	0.24	0.0000	9.02	39.5773562	3.58	300.3	1.6
SFB33_V_17.FIN2	0.25	15.49	0.69	2.21	15.28	6.76	63.07	127.24	270.08	475.91	821.29	1536.52	2483.87	2412.07	37.65	0.22	0.0001	9.20	38.24323773	2.98	278.3	2
SFB33_V_18.FIN2	2.89	16.72	4.01	5.63	20.52	15.06	74.84	146.21	307.09	521.74	863.45	1564.61	2342.74	2388.45	4.91	0.38	0.0012	7.63	31.91555204	2.28	283.5	2.2
SFB33_V_19.FIN2	1.55	13.87	2.10	3.11	12.47	6.09	61.76	138.45	331.76	596.94	1114.86	2132.02	3250.00	3446.19	7.67	0.22	0.0005	9.80	55.79552556	4.66	297.8	2.2
SFB33_V_20.FIN2	0.20	17.66	0.74	2.33	20.22	7.47	84.97	176.90	374.02	633.37	1080.32	1988.76	3088.71	2937.01	45.27	0.18	0.0001	8.26	34.56632344	2.56	292.3	1.7
SFB33_C_1.FIN2	0.17	4.41	0.81	3.14	22.81	3.77	94.12	165.00	327.03	518.21	802.41	1286.52	1701.61	1637.80	11.92	0.08	0.0001	5.20	17.4015748	2.21	466.3	3.9
SFB33_C_3.FIN2	0.28	6.19	1.02	3.63	29.44	4.55	127.45	244.14	498.69	821.39	1273.09	2123.60	2963.71	2632.55	11.55	0.07	0.0001	5.94	20.65536039	2.84	440.7	5.7
SFB33_C_4.FIN2	12.89	17.03	18.03	19.69	41.99	3.66	131.05	286.21	614.17	987.07	1586.35	2808.99	4032.26	3595.80	1.12	0.05	0.0036	6.57	27.43927583	11.09	457.4	2.7
SFB33_C_5.FIN2	0.02	0.95	0.41	1.94	21.26	2.18	112.42	231.03	477.69	745.01	1164.66	1977.53	2838.71	2572.18	10.07	0.04	0.0000	5.94	22.88042483	6.81	478.2	5.3
SFB33_C_6.FIN2	0.03	2.04	0.49	2.41	23.81	1.07	133.33	291.38	656.17	1119.86	1827.31	3061.80	4169.35	3776.90	17.11	0.02	0.0000	6.35	28.32677165	3.99	443.7	3.3
SFB33_C_7.FIN2	0.10	0.83	0.25	0.82	11.73	1.06	73.53	208.62	545.93	1010.58	1722.89	3089.89	4556.45	4041.99	5.14	0.04	0.0000	8.35	54.97112861	13.85	468.1	4.8
SFB33_C_7.FIN2	0.14	6.74	0.64	1.77	9.35	5.44	34.31	63.79	132.28	222.09	359.84	623.60	911.29	937.01	22.26	0.30	0.0002	6.89	27.30708661	1.87	597	16
SFB33_C_8.FIN2	0.03	0.37	0.33	1.41	11.86	2.06	55.88	123.79	267.72	434.78	698.80	1337.08	2177.42	1934.38	3.72	0.08	0.0000	8.13	34.61527835	23.44	453.1	4.5
SFB33_C_9.FIN2	0.00	1.13	0.30	1.42	14.81	1.89	76.80	151.72	293.96	414.81	594.38	929.78	1213.71	1099.74	34.66	0.06	0.0000	4.13	14.3199866	5.86	469.9	3
SFB33_C_10.FIN2	0.11	2.02	0.55	2.07	22.90	1.74	128.43	307.93	713.65	1236.19	2020.08	3365.17	4697.58	4010.50	8.00	0.03	0.0000	6.58	31.22678367	4.59	455.4	5.6
SFB33_C_11.FIN2	0.44	0.90	0.85	2.78	27.97	1.37	155.56	337.93	742.78	1254.99	2020.08	3370.79	4604.84	4162.73	1.48	0.02	0.0001	6.20	26.76040495	4.87	456.6	3
SFB33_C_12.FIN2	0.52	0.56	0.55	1.17	10.82	2.01	67.65	178.97	409.45	670.98	1080.32	1983.15	2891.13	2572.18	1.04	0.07	0.0002	7.06	38.02350793	23.67	493.6	5.3
SFB33_C_14.FIN2	0.06	1.15	0.84	3.19	28.18	2.34	152.29	361.55	829.40	1405.41	2273.09	3814.61	5330.65	4482.94	5.24	0.04	0.0000	6.43	29.43732892	6.04	471.6	4.1
SFB33_C_15.FIN2	18.80	30.62	40.15	57.67	112.12	21.61	225.49	325.86	585.30	887.19	1333.33	2120.79	2842.74	2690.29	1.11	0.14	0.0070	4.86	11.9308456	2.61	455.9	4.2
SFB33_C_16.FIN2	29.97	41.80	29.20	28.13	38.10	2.11	96.73	187.24	391.08	639.25	1016.06	1727.53	2411.29	2141.73	1.41	0.03	0.0140	6.17	22.14088104	2.53	540.3	4.6
SFB33_C_17.FIN2	7.63	8.15	6.13	5.34	22.64	1.15	123.53	308.62	745.41	1347.83	2293.17	4106.74	5979.84	5165.35	1.19	0.02	0.0015	8.02	41.81477315	5.94	465	5.3
SFB33_C_18.FIN2	0.02	0.97	0.37	1.72	17.79	1.55	96.08	200.00	435.70	727.38	1180.72	1980.34	2782.26	2627.30	10.17	0.04	0.0000	6.39	27.34533183	4.69	466.4	2.8
SFB33_C_19.FIN2	0.02	0.59	0.40	1.60	21.77	0.61	136.27	396.55	1013.12	1837.84	3188.76	5730.34	8064.52	6850.39	6.49	0.01	0.0000	7.96	50.26907608	9.18	439.8	2.4
SFB38																						
SFB38_118.FIN2	0.01	3.97	0.09	0.52	7.36	2.23	24.18	56.90	128.61	226.79	405.62	707.87	1120.97	1055.12	142.57	0.17	0.0000	8.72	43.63055969	43.75	42.4	2.8
SFB38_25.FIN2	0.60	9.72	0.34	1.55	16.49	6.00	88.56	189.66	383.20	629.85	1012.05	1668.54	2330.65	2049.87	21.66	0.16	0.0003	6.08	23.14611965	4.19	211.1	2.9
SFB38_79.FIN2	1.14	15.36	1.97	3.94	21.43	6.90	86.60	156.03	331.76	545.24	919.68	1603.93	2282.26	2280.84	10.23	0.16	0.0005	6.88	26.33724558	2.33	246.6	7
SFB38_63.FIN2	0.27	14.31	0.61	1.38	13.98	6.66	73.86	157.41	352.76	608.70	1032.13	1831.46	2802.42	2595.80	35.00	0.21	0.0001	7.94	35.14667967	3.74	249	3.1
SFB38_27.FIN2	0.17	6.08	0.36	0.79	7.36	0.62	42.16	100.69	232.55	398.35	664.26	1185.39	1701.61	1551.18	24.30	0.04	0.0001	7.32	36.79545871	5.91	251.7	2.4
SFB38_78.FIN2	0.11	6.06	0.58	2.24	25.24	9.66	105.56	215.52	440.94	703.88	1084.34	1859.55	2560.48	2175.85	24.33	0.19	0.0000	5.81	20.61334438	4.02	253.2	3.8
SFB38_61.FIN2	0.11	6.24	0.63	1.03	5.50	21.15	26.47	51.03	117.06	217.39	387.95	719.10	1153.23	1149.61	23.85	1.75	0.0001	9.85	43.4295713	4.98	262.9	3.4
SFB38_30.FIN2	0.15	4.88	0.68	2.04	19.26	3.85	92.16	184.48	383.20	633.37	1008.03	1634.83	2254.03	2055.12	15.16	0.09	0.0001	5.88	22.30021779	3.17	263.6	3.1
SFB38_84.FIN2	5.72	11.18	6.57	9.70	36.80	9.77	127.78	222.41	404.20	611.05	903.61	1351.12	1741.94	1627.30	1.82	0.14	0.0035	4.31	12.7353646	2.04	263.9	3.6
SFB38_14.FIN2	0.08	4.96	0.47	1.84	14.98	2.76	69.93	122.41	233.60	363.10	538.15	865.17	1185.48	1070.87	26.09	0.09	0.0001	5.07	15.31238502	3.00	264.8	3.7
SFB38_76.FIN2	1.34	21.73	5.97	16.46	93.94	19.89	371.24	636.21	1202.10	1787.31	2590.36	3870.79	4838.71	4286.09	7.70	0.11	0.0003	4.03	11.54527559	1.21	266.8	2.1
SFB38_49.FIN2	0.60	18.60	4.67	9.99	46.75	6.09	160.13	313.79	643.04	1069.33	1759.04	3174.16	4758.06	4304.46	11.11	0.07	0.0001	7.40	26.8809256	3.48	274	3.2
SFB38_25.FIN2	0.26	11.70	1.15	3.77	26.84	9.84	115.36	212.76	430.45	693.30	1080.32	1733.15	2302.42	2194.23	21.31	0.18	0.0001	5.35	19.02076688	2.25	276.3	3.5
SFB38_89.FIN2	0.10	0.87	0.28	1.18	20.04	3.22	135.95	343.45	816.27	1385.43	2305.22	4168.54	6245.97	4965.88	5.25	0.06	0.0000	7.65	36.5278619	20.62	276.3	3.9
SFB38_75.FIN2	0.01	14.42	0.34	1.36	12.34	5.29	58.50	116.90	254.59	448.88	730.92	1289.33	1903.23	1800.52	204.87	0.20	0.0000	7.48	30.77992346	2.82	276.9	3.5
SFB38_13.FIN2	0.01	11.23	0.14	0.66	8.01	3.11	51.05	120.00	274.28	504.11	899.60	1626.40	2423.39	2417.32	343.88	0.15	0.0000	8.84	47.35600432	5.21	277	2
SFB38_109.FIN2	0.04	54.23	1.61	6.86	46.32	35.29	178.43	317.24	582.68	929.49	1433.73	2269.66	3120.97	3102.36	201.83	0.39	0.0000	5.36	17.3868651	0.94	278.3	2.7
SFB38_67.FIN2	11.99	31.03	14.60	17.02	30.26	7.34	91.83	182.59	404.72	696.83	1200.80	2115.17	3104.84	3123.36	2.35	0.14	0.0038	7.67	34.01238546	3.27	278.7	1.8
SFB38_99.FIN2	0.33	24.56	0.85	1.95	14.72	5.11	75.49	170.52	386.09	692.13	1191.16	2143.26	3173.39	3160.10	46.29	0.15	0.0001	8.22	41.86113099	2.72	279.1	3.2
SFB38_112.FIN2	87.47	115.99	103.65	116.74	148.05	7.36	312.42	491.38	905.51	1385.43	2020.08	3058.99	3955.65	3412.07	1.22	0.03	0.0256	4.37	10.92149046	2.23	279.2	1.8
SFB38_72.FIN2	198.91	218.39	194.89	181.43	164.94	31.61	281.70	460.34	834.65	1339.60	2168.67	3595.51	5040.32	5065.62	1.11	0.15	0.0393	6.04	17.98235197	1.84	280.5	4.6
SFB38_114.FIN2	0.12	17.57	1.58	6.23	49.26	22.87	228.76	429.31	858.27	1357.23	2052.21	3227.53	4298.39	3994.75	40.40	0.22	0.0000	5.01	17.46276715	2.03	280.6	1.6
SFB38_103.FIN2	0.04	14.17	0.35	1.24	10.09	5.70	46.05	93.28	202.10	361.93	633.73	1188.20	1846.77	1902.89	112.54	0.26	0.0000	9.14	41.32600884	2.78	280.7	2.5
SFB38_110.FIN2	14.99	29.26	20.44	23.91	30.30	5.29	78.43	154.31	333.33	576.97	957.03	1699.44	2512.10	2301.84	1.67	0.11	0.0065	7.54	29.3484252	4.99	281.6	2.4
SFB38_31.FIN2	1.61	16.61	1.82	2.25	8.35	3.34	36.50	77.59	169.03	312.57	556.22	1087.08	1762.10	1813.65	9.70	0.19	0.0009	10.42	49.68454592	3.13	282.1	3.8
SFB38_87.FIN2	0.01	7.38	0.13	0.54	4.59	2.20	17.45	34.31	74.80	124.09	211.24	386.52	611.69	617.85	196.98	0.25	0.0000	8.18	35.4047598	5.97	282.7	2.7
SFB38_8.FIN2	0.35	25.06	5.77	19.51	102.16	65.86	302.61	489.66	850.39	1260.87	1883.53	3047.75	4169.35	3795.28	17.52	0.37	0.0001	4.90	12.54162344	1.15	283.5	2.5
SFB38_98.FIN2	5.45	16.20	6.28	8.02	16.45	3.56	64.38	135.00	300.26	538.19	943.78	1721.91	2596.77	2482.94	2.77	0.11	0.0022	8.65	38.56748871	4.21	283.6	3.2
SFB38_38.FIN2	0.00	6.24	0.08	0.20	1.73	1.23	11.60	24.31	58.79	115.75	216.47	437.92	750.00	816.27	425.64	0.27	0.0000	12.76	70.3604303	4.46	284.6	2.4
SFB38_33.FIN2	572.21	606.06	627.74	632.91	502.16	9.43	500.00	553.45	855.64	1220.92	1706.83	2578.65	3250.00	3013.12	1.01	0.02	0.1899	3.80	6.026246719	2.06	285.3	3.2
SFB38_85.FIN2	0.01	5.82	0.13	0.46	4.81	2.38	27.12	52.41	116.27	196.24	333.33	615.17	935.48	887.14	191.30	0.21	0.0000	8.05	32.70657433	3.86	285.4	2.5
SFB38_43.FIN2	8.99	25.81	9.71	11.11	23.38	6.44	89.22	186.21	406.82	687.43	1180.72	2087.08	3080.65	2965.88	2.76	0.14	0.0030	7.57	33.24392143	2.81	286.6	4.5
SFB38_86.FIN2	9.54	27.80	8.76	9.14	18.74	9.89	69.28	137.24	297.38	522.91	923.69	1741.57	2653.23	2860.89	3.04	0.27	0.0033	8.92	41.29401278	2.19	286.6	1.8
SFB38_71.FIN2	11.99	25.91	11.02	12.24	29.26	12.16	100.33	179.14	362.73	580.49	931.73	1584.27	2205.65	2104.99	2.25	0.22	0.0057	6.08	20.98130242	2.50	287.3	2.4
SFB38_90.FIN2	3.02	12.85	4.23	8.12	36.02	21.15	127.78	229.83	438.58	690.95	1036.14	1685.39	2286.29	2120.73	3.59	0.31	0.0014	5.21	16.5970558	1.67	287.4	2.7
SFB38_116.FIN2	0.07	18.70	1.28	4.74	30.30	19.43	114.05	241.38	509.19	809.64	1249.00	2191.01	3104.84	2493.44	62.18	0.33	0.0000	6.10	21.86223857	4.59	287.8	6.4
SFB38_66.FIN2	0.01	14.42	0.60	2.86	20.78	8.85	75.82	146.55	293.96	497.06	827.31	1544.94	2326.61	2251.97	161.31	0.22	0.0000	7.91	29.70268803	2.43	288.3	3.1
SFB38_74.FIN2	3.60	15.78	5.40	10.55	48.05	19.08	189.54	327.59	627.30	987.07	1510.04	2387.64	3145.16	2992.13	3.58	0.20	0.0012	5.01	15.78604399	1.72	289.1	2
SFB38_22.FIN2	0.02	7.53	0.45	1.62	9.52	7.86	37.52	70.00	146.19	253.82	431.33	792.13	1213.71	1191.60	82.01	0.42	0.0000	8.30	31.76218826	2.21	289.6	6.7
SFB38_92.FIN2	3.51	29.89	3.58	4.22	12.94	6.49	70.92	155.86	356.17	683.90	1216.47	2306.18	3552.42	3721.78	8.43	0.21	0.0009	9.97	52.48231068	2.98	290	1.5
SFB38_55.FIN2	0.11	16.82	0.86	2.93	21.65	10.57	81.70	143.10	288.71	450.06	751.00	1339.89	2064.52	1986.88	53.58	0.25	0.0001	7.15	24.31937008	1.97	290.3	2.4
SFB38_1.FIN2	0.05	16.93	0.91	3.02	20.43	11.49	82.35	162.93	345.14	609.87	1064.26	1890.45	2790.32	2895.01	77.89	0.28	0.0000	8.08	35.15373078	2.14	290.9	4.1
SFB38_91.FIN2	1.55	15.26	3.92	9.69	41.47	19.66	124.51	197.41	369.82	591.07	919.68	1587.08	2314.52	2236.22	6.18	0.27	0.0007	6.26	17.96019592	1.42	291.7	3.2
SFB38_88.FIN2	0.74	24.31	4.37	6.50	23.33	16.21	78.10	152.07	312.34	538.19	927.71	1691.01	2500.00	2608.92	13.53	0.38	0.0003	8.00	33.40295852	2.47	292.9	3.3
SFB38_95.FIN2	0.03	6.58	1.15	4.71	43.72	4.52	212.42	422.41	887.14	1492.36	2313.25	3679.78	4919.35	4514.44	32.95	0.05	0.0000	5.55	21.2525742	2.68	293.1	2.4
SFB38_54.FIN2	2.45	9.93	1.31	1.79	9.00	3.87	35.95	69.48	153.54	269.10	485.94	912.92	1411.29	1509.19	5.53	0.22	0.0016	9.19	41.98282033	3.42	293.5	2.1
SFB38_48.FIN2	0.87	14.12	1.18	2.28	13.98	6.13	59.80	117.93	250.13	445.36	778.71	1412.92	2149.19	2188.98	13.90	0.21	0.0004	8.59	36.60255583	3.22	295.1	1.7
SFB38_83.FIN2	0.07	6.18	1.09	6.19	95.24	137.93	320.26	448.28	656.17	1045.83	1152.61	1938.20	2673.39	2433.07	22.94	0.79	0.0000	4.07	7.597139643	4.82	296.7	2.9
SFB38_118.FIN2	0.11	10.91	0.39	1.10	11.13	5.29	45.59	99.48	219.42	370.15	632.53	1087.08	1608.87	1587.93	51.99	0.23	0.0001	7.33	34.83193633	3.69	297.4	2.4
SFB38_47.FIN2	0.12	6.99	0.74	2.46	15.19	10.34	58.17	95.86	187.40	305.52	492.77	842.70	1213.71	1215.22	23.23	0.35	0.0001	6.48	20.89091392	1.69	298.4	3
SFB38_100.FIN2	0.21	12.23	0.61	2.24	18.44	8.28	81.37	157.76	321.78	545.24	905.22	1592.70	2391.13	2364.83	33.87	0.21	0.0001	7.43	29.06175885	2.76	299.3	2.6
SFB38_41.FIN2	0.03	2.08	1.44	5.95	40.48	3.59	152.29	268.97	530.18	834.31	1305.22	2120.79	2911.29	2750.66	10.40	0.05	0.0000	5.49	18.06224866	2.13	301.6	3.1
SFB38_56.FIN2	0.05	2.26	2.13	7.96	63.03	4.07	221.57	379.31	696.59	1017.63	1502.01	2376.40	3165.32	2745.41	6.61	0.03	0.0000	4.54	12.39077416	2.06	303.5	2.9
SFB38_3.FIN2	62.13	56.43	44.53	31.22	20.35	7.93	26.47	40.69	79.53	136.55	249.80	485.11	810.08	908.14	1.07	0.34	0.0684	10.19	34.30737824	2.83	303.6	5.1
SFB38_65.FIN2	0.04	1.77	1.55	5.33	39.44	3.64	152.29	250.00	477.69	740.31	1128.51	1800.56	2346.77	2257.22	6.89	0.05	0.0000	4.91	14.82207428	2.67	306.2	3.7
SFB38_12.FIN2	0.05	8.57	0.71	2.11	13.72	3.84	46.41	75.00	139.90	214.34	324.90	520.79	698.79	630.97	44.75	0.15	0.0001	5.00	13.59698348	1.90	306.7	5.1
SFB38_66.FIN2	0.11	11.47	0.22	0.80	9.22	2.37	49.35	118.79	273.23	507.64	943.37	1806.18	2741.94	3007.87	74.27	0.11	0.0000	10.04	60.95426813	4.36	311.8	4.5

SFB38_120.FIN2	0.067	0.86	0.054	0.67	2.9	1.69	19.7	5.95	54.5	12.4	42.9	8.92	84.4	9.57	12830	9.53	1547	0.18	0.90	0.39	0.94	12.55	19.43	64.38	102.59	143.04	145.71	172.29	250.56	340.32	251.18	3.35	0.68	0.0007	2.38	3.901594788	162.33	316	3.8
SFB38_52.FIN2	0.0119	4.48	0.138	2.49	5.7	0.799	13.88	2.28	14.67	2.68	7.3	1.166	9.41	1.111	12710	74	293	0.03	4.68	1.01	3.50	24.68	9.18	45.36	39.31	38.50	31.49	29.32	32.75	37.94	29.16	25.90	0.27	0.0011	0.99	0.642866868	3.96	319.1	2.8
SFB38_6.FIN2	0.006	0.022	0.0029	-0.042	-0.015	-0.015	0.19	0.187	4.87	3.64	34.4	13.62	185	35.5	12230	0.4	39.5	0.02	0.02	0.02	-0.06	-0.06	-0.17	0.62	3.22	12.78	42.77	138.15	382.58	745.97	931.76	1.24	#NUM!	0.0000	58.36	1500.621633	98.75	329	12
SFB38_7.FIN2	0.031	7.22	0.161	2.99	6.6	0.43	22.3	5.8	42.9	8.8	25.5	4.62	34.7	3.89	1.26E+04	128	545	0.08	7.54	1.18	4.21	28.57	4.94	72.88	100.00	112.60	103.41	102.41	129.78	139.92	102.10	23.95	0.11	0.0008	1.24	1.401009851	4.26	329	13
SFB38_4.FIN2	0.125	8.87	0.26	3.09	4.03	1.16	11.74	3.28	40.5	15.2	74.5	19.96	220.4	33.6	9990	151.1	714	0.34	9.27	1.90	4.35	17.45	13.33	38.37	56.55	106.30	178.61	299.20	560.67	888.71	881.89	11.53	0.52	0.0004	8.36	22.98622383	4.73	332	3.1
SFB38_20.FIN2	0.064	4.68	0.269	4.94	11.1	0.218	55.1	18.1	224	78.1	346	79.3	735	105.4	9920	238	643	0.17	4.89	1.96	6.95	48.05	2.51	180.07	312.07	587.93	917.74	1389.56	2227.53	2963.71	2766.40	8.36	0.03	0.0001	5.04	15.36333367	2.70	332.3	4.3
SFB38_44.FIN2	0.021	15.5	0.235	3.72	7.16	1.49	29.1	9.5	116	40.6	183	42.9	409	57.9	7560	341	720	0.06	16.20	1.72	5.23	31.00	17.13	95.10	163.79	304.46	477.09	734.94	1205.06	1649.19	1519.69	51.70	0.32	0.0000	5.42	15.9801932	2.11	332.3	2.3
SFB38_15.FIN2	0.0208	2.15	0.237	4.5	8.06	0.592	34.6	9.66	110.1	35.2	147.7	32.5	299.4	39.6	7250	79.5	166.9	0.06	2.25	1.73	6.33	34.89	6.80	113.07	166.55	288.98	413.63	593.17	912.92	1207.26	1039.37	7.17	0.11	0.0001	4.18	9.192116881	2.10	335.3	3.1
SFB38_68.FIN2	71	194	22.6	105	24.1	2.48	28.5	6.79	76.6	26.1	124.8	31.8	317	47.5	10830	370	763	193.46	202.72	164.96	147.68	104.33	28.51	93.14	117.07	201.05	306.70	501.20	893.26	1278.23	1246.72	1.13	0.29	0.1552	6.36	13.38582677	2.06	337.9	3.5
SFB38_51.FIN2	0.09	4.04	0.138	2.34	6.17	0.105	32.4	11.57	149.9	52.3	235	53.9	484	68.8	10030	178.3	322	0.25	4.22	1.01	3.29	26.71	1.21	105.88	199.48	393.44	614.57	943.78	1514.04	1951.61	1805.77	8.49	0.02	0.0001	4.96	17.05453485	1.81	350	3.6
SFB38_32.FIN2	0.0106	23.74	0.084	1.35	3.19	1.014	15.6	5.17	63.1	23.1	111.5	28.5	310	49.6	9970	219	716	0.03	24.81	0.61	1.90	13.81	11.66	50.98	89.14	165.62	271.45	447.79	800.56	1250.00	1301.84	186.41	0.44	0.0000	7.55	25.53603876	3.27	355.6	2.9
SFB38_45.FIN2	0.009	1.6	-0.005298	0.12	-0.0949	0.1	4.9	2.49	38.7	15.3	83	21.53	244	38.3	13880	28.3	407	0.02	1.67	-0.04	0.17	-0.41	1.15	16.01	42.93	101.57	179.79	333.33	604.78	983.87	1005.25	#NUM!	#NUM!	0.0000	9.69	62.77679576	14.38	362	10
SFB38_58.FIN2	0.51	10.4	1.29	9.3	11.8	1.46	53.6	24.4	343	119.4	525	122.9	1145	151.6	11820	97.2	762	1.39	10.87	9.42	13.08	51.08	16.78	175.16	420.69	900.26	1403.06	2108.43	3452.25	4616.94	3979.00	3.00	0.18	0.0003	5.13	22.71594782	7.84	388.5	5.3
SFB38_11.FIN2	0.048	0.62	0.065	1.11	5	0.14	44.6	25.01	396.1	139.8	600	134.1	1156	134.1	11040	63.4	737	0.13	0.65	0.47	1.56	21.65	1.61	145.75	431.21	1039.63	1642.77	2409.64	3766.85	4661.29	3519.69	2.60	0.03	0.0000	4.48	24.14851171	11.62	420.2	7.3
SFB38_29.FIN2	0.0136	0.77	0.042	0.8	2.92	0.78	18.7	7.27	82.6	22.1	83	17.9	173	24.5	10500	22	443	0.04	0.80	0.31	1.13	12.64	8.97	61.11	125.34	216.80	259.69	333.33	502.81	697.58	643.04	7.55	0.32	0.0001	3.22	10.52254832	20.14	428.3	9
SFB38_73.FIN2	0.0072	0.456	0.0361	0.76	3.86	0.08	33.1	17.75	274.5	102.6	466	107.8	982	125	11850	39.9	427	0.02	0.48	0.26	1.07	16.71	0.92	108.17	306.03	720.47	1205.64	1871.49	3028.09	3959.68	3280.84	6.63	0.02	0.0000	5.50	30.3304232	10.70	428.8	6.9
SFB38_115.FIN2	0.0155	0.45	0.033	0.62	2.72	0.097	22.7	10.58	145	49.5	216	51	490	62	11510	33	353	0.04	0.47	0.24	0.87	11.77	1.11	74.18	182.41	380.58	581.67	867.47	1432.58	1975.81	1627.30	4.66	0.04	0.0000	5.19	21.93624475	10.70	432.7	6.6
SFB38_21.FIN2	0.0073	0.99	0.1	2.13	6.1	0.069	41.3	16.76	247	94.5	454	109	1030	138	9440	53.7	246	0.02	1.03	0.73	3.00	26.41	0.79	134.97	288.97	648.29	1110.46	1823.29	3061.80	4153.23	3622.05	8.59	0.01	0.0000	6.41	26.83647595	4.58	433.7	4.4
SFB38_18.FIN2	0.026	10.3	0.157	3.12	8.9	0.42	60.3	24.1	344	132.1	622	144.8	1346	186.2	9560	500	896	0.07	10.76	1.15	4.39	38.53	4.83	197.06	415.52	902.89	1552.29	2497.99	4067.42	5427.42	4887.14	37.77	0.06	0.0000	6.01	24.80040741	1.79	436.1	6.9
SFB38_119.FIN2	0.039	4.2	0.108	1.49	6.24	0.238	46.5	23.2	372	138.7	654	155.8	1448	195.3	11920	70.8	712	0.11	4.39	0.79	2.10	27.01	2.74	151.96	400.00	976.38	1629.85	2626.51	4376.40	5838.71	5125.98	15.16	0.04	0.0000	5.98	33.73228346	10.06	437.1	3.5
SFB38_104.FIN2	0.0138	0.656	0.0394	0.86	3.11	0.298	25.6	11.4	164	61	271	63	600	79	10430	31.3	262	0.04	0.69	0.29	1.21	13.46	3.43	83.66	196.55	430.45	716.80	1088.35	1769.66	2419.35	2073.49	6.59	0.10	0.0000	5.62	24.78469488	8.37	442.1	7.9
SFB38_108.FIN2	0.0084	0.604	0.0467	1.03	3.58	0.121	25.6	9.86	123	40.3	162	33.9	306	42.2	9600	34.4	134.6	0.02	0.63	0.34	1.45	15.50	1.39	83.66	170.00	322.83	473.56	650.60	952.25	1233.87	1107.61	7.15	0.04	0.0000	3.82	13.23941929	3.91	443.4	4.5
SFB38_26.FIN2	0.0036	0.71	0.0506	1.033	4.74	0.092	42.6	23	367	140.5	678	165.2	1573	202.4	11450	67.7	638	0.01	0.74	0.37	1.45	20.52	1.06	139.22	396.55	963.25	1651.00	2722.89	4640.45	6342.74	5312.34	12.33	0.02	0.0000	6.58	38.15903294	9.42	447.1	2.8
SFB38_19.FIN2	0.0121	3.13	0.091	1.84	4.43	0.355	24.9	8.74	115.6	43	202	47.3	455	68	8410	97.5	335	0.03	3.27	0.66	2.59	19.18	4.08	81.37	150.69	303.41	505.29	811.24	1328.65	1834.68	1784.78	22.10	0.10	0.0000	6.05	21.9334029	3.44	449.5	7
SFB38_81.FIN2	0.05	2.44	0.368	6.2	11.4	0.318	58.2	19.4	240	78.6	325	71.2	642	84.9	11580	145	205	0.14	2.55	2.69	8.72	49.35	3.66	190.20	334.48	629.92	923.62	1305.22	2000.00	2588.71	2228.35	4.21	0.04	0.0001	4.11	11.71604838	1.41	450	11
SFB38_5.FIN2	0.0224	0.565	0.0484	0.937	3.87	0.107	32.1	15.21	221.6	85.7	402	95.2	904	123.1	10250	30.3	231	0.06	0.59	0.35	1.32	16.75	1.23	104.90	262.24	581.63	1007.05	1614.46	2674.16	3645.16	3230.97	4.02	0.03	0.0000	6.27	30.79991169	7.62	451.5	3.5
SFB38_106.FIN2	0.0031	1.11	0.056	1.07	4.01	0.06	27.5	12.2	182	71.9	351	91.9	1002	127.3	9820	62.3	630	0.01	1.16	0.41	1.50	17.36	0.69	89.87	210.34	477.69	844.89	1409.64	2581.46	4040.32	3341.21	19.74	0.02	0.0000	8.46	37.17852541	10.11	452.1	5
SFB38_111.FIN2	0.0083	0.548	0.045	0.87	3.23	0.101	30.3	12.9	155	40.1	115	17.8	122	12.2	11150	28.7	241	0.02	0.57	0.33	1.22	13.98	1.16	99.02	222.41	406.82	471.21	461.85	500.00	491.94	320.21	6.64	0.03	0.0001	1.21	3.233803695	8.40	453.1	5.2
SFB38_82.FIN2	0.0041	0.54	0.048	0.96	5.07	0.035	40.1	21	312	105	457	98	850	114	12950	48.2	479	0.01	0.56	0.35	1.35	21.95	0.40	131.05	362.07	818.90	1233.84	1835.34	2752.81	3427.42	2992.13	9.02	0.01	0.0000	4.19	22.83268207	9.94	453.4	3.2
SFB38_113.FIN2	0.0007	0.913	0.0454	1.21	4.59	0.132	38.4	18.3	290	115.2	561	134.9	1265	184.2	10680	45.6	374	0.00	0.95	0.33	1.70	19.87	1.52	125.49	315.52	761.15	1353.70	2253.01	3789.33	5100.81	4834.65	37.95	0.03	0.0000	6.70	38.52608268	8.20	465.6	3.9
SFB38_2.FIN2	0.0093	2.94	0.074	1.69	5.07	0.125	31.8	12.3	160	56.2	248	56.5	522	71.8	10190	148	326	0.03	3.07	0.54	2.38	21.95	1.44	103.92	212.07	419.95	660.40	995.98	1587.08	2104.84	1884.51	26.26	0.03	0.0000	5.01	18.13400683	2.20	465.8	3.8
SFB38_93.FIN2	0.017	0.74	0.075	1.34	5.9	0.123	42.9	21.6	354	137	660	158	1560	189	10350	59	520	0.05	0.77	0.55	1.88	25.54	1.41	140.20	372.41	929.13	1609.87	2650.60	4438.20	6290.32	4960.63	4.86	0.02	0.0000	6.77	35.38351412	8.81	465.9	7.2
SFB38_96.FIN2	0.7	15	0.42	3.5	5.6	0.52	30.1	11.6	166	68.1	336	85	881	129	9600	321	717	1.91	15.67	3.07	4.92	24.24	5.98	98.37	200.00	435.70	800.24	1349.40	2387.64	3552.42	3385.83	6.48	0.12	0.0006	8.15	34.42069741	2.23	469.5	8.6
SFB38_69.FIN2	0.0222	2.29	0.219	3.73	9.75	0.366	42.6	13.49	160.2	52.1	217.5	44.8	382	53.3	8960	74	124.5	0.06	2.39	1.60	5.25	42.21	4.21	139.22	232.59	420.47	612.22	873.49	1258.43	1540.32	1398.95	7.70	0.05	0.0000	3.66	10.04879672	1.68	470.8	5.7
SFB38_64.FIN2	0.028	0.758	0.082	1.57	5.61	0.21	37.6	17.8	262	100.8	468	110.9	1043	137	10580	44.9	280	0.08	0.79	0.60	2.21	24.29	2.41	122.88	306.90	687.66	1184.49	1879.52	3115.17	4205.65	3595.80	3.71	0.04	0.0000	6.12	29.26369576	6.24	478.3	6.7
SFB38_102.FIN2	0.013	1.56	0.109	2.69	7.7	0.32	48.1	18.5	227	78	329	77	720	99	10070	55	248	0.04	1.63	0.80	3.78	33.33	3.68	157.19	318.97	595.80	916.57	1321.29	2162.92	2903.23	2598.43	9.71	0.05	0.0000	4.87	16.53052204	4.51	481.3	6.2
SFB38_6.FIN2	-0.002	0.066	-0.0019	0.03	0.2	0.03	2.81	1.95	30.4	13.6	82.4	23.2	259	42.9	11100	5.45	94	-0.01	0.07	-0.01	0.04	0.87	0.34	9.18	33.62	79.79	159.81	330.92	651.69	1044.35	1125.98	7.93	0.12	0.0000	13.09	122.6160787	17.25	482	13
SFB38_7.FIN2	0.25	4.09	0.419	6.05	13.8	0.73	82.9	33.1	440	160.2	736	165.6	1516	210	11120	158	447	0.68	4.27	3.06	8.51	59.74	8.39	270.92	570.69	1154.86	1882.49	2955.82	4651.69	6112.90	5511.81	2.96	0.07	0.0001	5.29	20.34516494	2.83	482	11
SFB38_35.FIN2	0.0442	6.15	0.152	1.79	4.17	1.35	17.5	6.14	76.3	28	136	34.9	372	56.4	10210	97	333	0.12	6.43	1.11	2.52	18.05	15.52	57.19	105.86	200.26	329.02	546.18	980.34	1500.00	1480.31	17.58	0.48	0.0001	7.49	25.88436445	3.43	500	5.4
SFB38_9.FIN2	0.0583	12.66	0.196	3.33	9.24	3.27	49.6	17.5	206.3	67	299.2	69.3	661	94.1	8310	235.9	676	0.16	13.23	1.43	4.68	40.00	37.59	162.09	301.72	541.47	787.31	1201.61	1946.63	2665.32	2469.82	27.75	0.47	0.0001	4.92	15.23717297	2.87	502.6	4.6
SFB38_62.FIN2	1.36	12.2	0.61	4	4.53	1.07	23.5	8.5	113	41.9	199	49	499	73.6	8280	62	391	3.71	12.75	4.45	5.63	19.61	12.30	76.80	146.55	296.59	492.36	799.20	1376.40	2012.10	1931.76	3.14	0.32	0.0019	6.78	25.15396214	6.31	502.7	5.2
SFB38_17.FIN2	0.023	5.99	0.059	1.14	2.98	0.661	17	5.73	76.9	28.1	132.3	31.8	322	49.8	8760	33.3	220	0.06	6.26	0.43	1.60	12.90	7.60	55.56	98.79	201.84	330.20	531.33	893.26	1298.39	1307.09	38.10	0.28	0.0000	6.43	23.52755906	6.61	509.4	4
SFB38_58.FIN2	0.0306	3.04	0.097	1.63	5.47	0.31	35.3	14.1	189	70.2	324	75.1	719	102	11640	68.5	240	0.08	3.18	0.71	2.29	23.68	3.56	115.36	243.10	496.06	824.91	1301.20	2109.55	2899.19	2677.17	13.07	0.07	0.0000	5.84	23.20715576	3.50	511	12
SFB38_105.FIN2	0.53	9.7	0.26	2.22	4.2	0.73	25.6	9	122	45.1	211	51.8	526	80.6	9260	65	377	1.44	10.14	1.90	3.12	18.18	8.39	83.66	155.17	320.21	529.96	847.39	1455.06	2120.97	2115.49	6.12	0.22	0.0007	6.62	25.28666339	5.80	513.8	4
SFB38_77.FIN2	0.008	5.02	0.0299	0.68	1.94	0.497	11.6	4.16	54.1	20.8	100	25.8	276	42.8	9480	21.8	167	0.02	5.25	0.22	0.96	8.40	5.71	37.91	71.72	141.99	244.42	401.61	724.72	1112.90	1123.36	76.05	0.32	0.0000	7.84	29.63345099	7.66	514.6	4.5
SFB38_23.FIN2	1.39	13.2	1.48	12	7.7	1.04	29.1	9.29	120.5	42.5	196.6	47	468	70.9	8820	54.1	328	3.79	13.79	10.80	16.88	33.33	11.95	95.10	160.17	316.27	499.41	789.56	1320.22	1887.10	1860.89	2.16	0.21	0.0020	5.97	19.56814677	6.06	518	4.1
SFB38_97.FIN2	0.272	16.5	0.71	6	5.77	2.96	13.6	4.3	56	22.4	133	42	550	149	14450	161	1320	0.74	17.24	5.18	8.44	24.98	34.02	44.44	74.14	146.98	263.22	534.14	1179.78	2217.74	3910.76	8.80	1.02	0.0002	15.09	87.99212598	8.20	523.3	5.4
SFB38_28.FIN2	0.0291	6.78	0.0213	0.341	0.9	0.339	8.09	3.88	65.3	28.4	158.5	46.6	542	85.5	11140	157	2660	0.08	7.08	0.16	0.48	3.90	3.90	26.44	66.90	171.39	333.73	636.55	1308.99	2185.48	2244.09	63.81	0.38	0.0000	12.75	84.8816951	16.94	528.4	3.6
SFB38_115.FIN2	0.45	19.1	0.41	3.6	4.28	0.7	21.4	8.24	110.6	42.7	210.4	54.9	568	87.7	11090	352	722	1.23	19.96	2.99	5.06	18.53	8.05	69.93	142.07	290.29	501.76	844.98	1542.13	2290.32	2301.84	10.42	0.22	0.0005	7.89	32.91412172	2.05	530.5	5.8
SFB38_24.FIN2	0.62	2.4	0.29	2.77	7.1	0.333	48.5	22.3	325	120	543	128	1210	156	10100	48.2	338	1.69	2.51	2.12	3.90	30.74	3.83	158.50	384.48	853.02	1410.11	2180.72	3595.51	4879.03	4094.49	1.33	0.05	0.0004	5.72	25.83326569	7.01	535.6	7.7
SFB38_59.FIN2	0.0137	39.9	0.168	3.17	6.21	2.74	29.7	9.5	107	35.8	156	35.1	329	50	8090	293	300	0.04	41.69	1.23	4.46	26.88	31.49	97.06	163.79	280.84	420.68	626.51	985.96	1326.61	1312.34	194.87	0.62	0.0000	4.72	13.52103714	1.02	548.3	5.6
SFB38_53.FIN2	0.0123	18.5	0.046	0.72	1.67	0.58	8.5	3.01	41.7	16.9	90.4	26.5	328	54.4	10500	202	598	0.03	19.33	0.34	1.01	7.23	6.67	27.78	51.90	109.45	198.59	363.05	744.38	1322.58	1427.82	182.23	0.47	0.0000	12.08	51.4015748	2.96	584.8	7.6
SFB38_116.FIN2	0.0417	50.3	0.523	8.41	12.62	3.71	47.4	13.21	148.5	48.1	201.4	45.6	426	62	7610	237	132.4	0.11	52.56	3.82	11.83	54.63	42.64	154.90	227.76	389.76	565.22	808.84	1280.90	1717.74	1627.30	79.81	0.46	0.0001	4.41	10.5053324	0.56	591.8	7.2
SFB38_42.FIN2	0.216	7.4	0.093	1.212	2.92	0.146	16.1	5.84	78.7	28.1	130.2	30.5	287	40.3	10030	81.7	179	0.59	7.73	0.68	1.70	12.64	1.68	52.61	100.69	206.56	330.20	522.89	856.74	1157.26	1057.74	12.23	0.07	0.0006	5.60	20.10368269	2.19	596	11
SFB38_64.FIN2	0.0168	11.62	0.257	4.55	9.9	1.42	48.4	15.7	191	65.7	285	63.9	575	82.7	9160	224	316	0.05	12.14	1.88	6.40	42.86	16.32	158.17	270.69	501.31	772.03	1144.58	1794.94	2318.55	2170.60	41.43	0.20	0.0000	4.62	13.72323811	1.41	609	12
SFB38_29.FIN2	0.0251	2.2	0.119	2.07	4	2.04	21.3	6.86	89.1	32.6	152.3	37.5	391.3	63.8	6390	39.8	151	0.07	2.30	0.87	2.91	17.32	23.45	69.61	118.28	233.86	383.08	611.65	1053.37	1577.82	1674.54	9.43	0.68	0.0000	6.75	24.05678163	3.79	622	16
SFB38_53.FIN2	0.0042	15.1	0.091	1.75	3.45	1.03	16.6	4.9	63.2	23.7	119.7	30.8	325	54.4	9150	122	216	0.01	15.78	0.66	2.46	14.94	11.84	54.25	84.48	165.88	278.50	480.72	865.17	1310.48	1427.82	180.97	0.42	0.0000	7.90	26.32008348	1.77	628.7	6.7
SFB38_117.FIN2	1.54	32.2	1.02	8.8	9.85	2.18	39.8	12.64	157.1	56.1	258	59.2	570	87.4	9910	253	364	4.20	33.65	7.45	12.38	42.64	25.06	130.07	217.93	412.34	659.22	1036.14	1662.92	2298.39	2293.96	6.02	0.34	0.0018	5.57	17.63700392	1.44	677.1	4.7
SFB38_93.FIN2	1	10.9	0.86	5.5	3.7	0.36	13.1	4.78	65.8	24.7	121.4	29.3	296	44.5	10140	77	231	2.72	11.39	6.28	7.74	16.02	4.14	42.81	82.41	172.70	290.25	487.55	823.03	1193.55	1167.98	2.75	0.16	0.0023	6.91	27.28256296	3.00	734.9	6.7
SFB38_45.FIN2	0.0169	6.96	0.134	2.4	5.25	1.07	25	8.5	123	49.5	264	72.2	791	134	8620	85	145	0.05	7.27	0.98	3.38	22.73	12.30	81.70	146.55	322.83	581.67	1060.24	2028.09	3189.52	3517.06	34.27	0.29	0.0000	9.88	43.0488189	1.71	765	12
SFB38_37.FIN2	0.0245	20.74	0.057	0.77	1.03	0.411	4.91	1.488	20.52	7.18	34.9	9.39	98	15.12	8820	124.2	239.7	0.07	21.67	0.42	1.08	4.46	4.72	16.05	25.66	53.86	84.37	140.16	263.76	395.16	396.85	130.04	0.56	0.0002	7.34	24.73242779	1.93	1015	22
SFB38_94.FIN2	1.55	21.8	3.41	27.3	27	11.3	55.1	19.1	237	71.5	321	82.6	856	105	10920	61.4	691	4.22	22.78	24.89	38.40	116.88	129.89	180.07	329.31	622.05	840.19	1289.16	2320.22	3451.61	2755.91	2.22	0.90	0.0015	5.55	15.3050288	11.25	1909	16
SFB38_40.FIN2	0.0042	4.36	0.0418	0.88	2.23	0.3	13.7	5.01	72.7	26.9	124.1	27.2	255.9	39.19	8790	50.4	93.2	0.01	4.56	0.31	1.24	9.65	3.45	44.77	86.38	190.81	316.10	498.39	764.04	1031.85	1028.61	77.10	0.17	0.0000	5.41	22.97476866	1.85	2638	17
SFB38_80.FIN2	0.015	5.18	0.049	0.85	2.31	0.58	12.3	4.45	59.8	23.1	116.7	29.9	317	53.1	10250	35	140	0.04	5.41	0.36	1.20	10.00	6.67	40.20	76.72	156.96	271.45	468.67	839.89	1278.23	1393.70	44.77	0.33	0.0000	8.14	34.67255617	4.00	3059.9	9.9
SFB49																																							
SFB49_2_14.FIN2	0.051	21.3	0.298	4.59	8.84	1.96	45.9	16	206	76.8	361	90.9	943	137.5	8610	394	690	0.14	22.26	2.18	6.46	38.27	22.53	150.00	275.86	540.68	902.47	1449.80	2553.37	3802.42	3608.92	40.48	0.30	0.0000	7.03	24.05949256	1.75	256.5	5.4
SFB49_2_41.FIN2	0.026	12.1	0.078	1.51	3.8	0.65	18.7	7.08	92.8	36.1	181.9	47.2	495	78.3	8540	194	505	0.07	12.64	0.57	2.12	16.45	7.47	61.11	122.07	243.57	424.21	730.52	1325.84	1995.97	2055.12	62.96	0.24	0.0000	8.19	33.62920544	2.60	299.8	2.9
SFB49_2_16.FIN2	0.0298	4.59	0.441	8.06	14.42	0.617	53.7	15.23	168	52.2	207.4	44	399	52.6	8800	118.9	126.1	0.08	4.80	3.22	11.34	62.42	7.09	175.49	262.59	440.94	613.40	832.93	1235.96	1608.87	1380.58	9.38	0.07	0.0001	3.65	7.866977522	1.06	318	4.2
SFB49_2_7.FIN2	0.052	20.1	0.447	7.91	16.15	0.489	77.5	23.88	267.1	87.2	354	76.2	700	97.5	9950	352	152.6	0.14	21.00	3.26	11.13	69.91	5.62	253.27	411.72	701.05	1024.68	1421.69	2140.45	2822.58	2559.06	30.89	0.04	0.0001	4.03	10.10414021	0.43	330.4	4.8
SFB49_2_45.FIN2	0.0225	2.93	0.285	5.53	10.51	0.412	42.3	12.75	136.5	44.96	189.2	41.7	373	53.6	8720	167.2	336.6	0.06	3.06	2.08	7.78	45.50	4.74	138.24	219.83	358.27	528.32	759.84	1171.35	1504.03	1406.82	8.57	0.06	0.0000	4.20	10.17702574	2.01	332.4	2.3
SFB49_2_1.FIN2	0.0133	0.79	0.069	1.33	5.76	0.246	47.9	22.9	367	146.1	730	181	1758	253	11860	115	670	0.04	0.83	0.50	1.87	24.94	2.83	156.54	394.83	963.25	1716.80	2931.73	5084.27	7088.71	6640.42	6.11	0.05	0.0000	7.36	42.42105436	5.83	426	7.2
SFB49_2_43.FIN2	26	47	5.5	23	9.4	0.24	46.9	21.1	294	108.5	515	131.6	1360	180	10410	77	1112	70.84	49.11	40.15	32.35	40.69	2.76	153.27	363.79	771.65	1274.97	2068.27	3696.63	5483.87	4724.41	0.92	0.03	0.0150	7.11	30.82450515	14.44	470.6	8.8
SFB49_2_43.FIN2	0.027	15.3	0.198	3.42	5.43	2.69	23.6	7.52	88.5	30.1	135.4	32	321	49.4	7840	192	192.1	0.07	15.99	1.45	4.81	23.51	30.92	77.12	129.66	232.28	353.70	543.78	898.88	1294.35	1296.59	49.03	0.73	0.0001	5.57	16.81169091	1.00	667.8	7.2
SFB49_2_8.FIN2	0.075	12.37	0.347	5.27	8.6	1.077	33.6	10.33	116.9	38.26	159.4	36.12	328.8	46.1	8240	78.4	118.6	0.20	12.93	2.53	7.41	37.23	12.38	109.80	178.10	306.82	449.59	640.16	1014.61	1325.81	1209.97	17.97	0.19	0.0002	4.32	11.01940382	1.51	1049	23
SFB21																																							
SFB21_48.FIN2	58	264	50	330	185	2.9	324	94	1030	331	1460	329	3390	380	2.45E+04	1990	5390	158.04	275.86	364.96	464.14	800.87	33.33	1058.82	1620.69	2703.41	3889.54	5863.45	9241.57	13669.35	9973.75	1.15	0.04	0.0158	5.06	9.419655876	2.71	191.7	1.8
SFB21_79.FIN2	61	220	28	156	96	3.1	247	91	1280	457	2180	522	5490	604	2.73E+04	3490	1.00E+04	166.21	229.89	204.38	219.41	415.58	35.63	807.19	1568.97	3359.58	5370.15	8755.02	14662.92	22137.10	15853.02	1.25	0.06	0.0105	6.59	19.63977175	2.87	228.5	5.2
SFB21_87.FIN2	2.34	52.7	3.5	21.4	28.3	0.4	115	44.8	629	212	1000	252	2560	308	2.24E+04	1620	4530	6.38	55.07	25.55	30.10	122.51	4.60	375.82	772.41	1650.92	2491.19	4016.06	7078.65	10322.58	8083.99	4.31	0.02	0.0008	6.25	21.51044163	2.80	254.7	3.1
SFB21_72.FIN2	1.4	24.4	1.58	9.8	16	2	63.4	27.5	421	160	858	223	2590	301	24030	867	4610	3.81	25.50	11.53	13.78	69.26	22.99	207.19	474.14	1104.99	1880.14	3445.78	6264.04	10443.55	7900.26	3.84	0.19	0.0005	9.45	38.13060434	5.32	257.6	3.8
SFB21_114.FIN2	7.4	156	16.7	127	130	24.5	302	106	1270	400	1720	400	3980	402	2.21E+04	1850	5630	20.16	163.01	121.90	178.62	562.77	281.61	986.93	1827.59	3333.33	4700.35	6907.63	11235.96	16048.39	10551.18	3.29	0.38	0.0019	4.81	10.69093185	3.04	270.9	2.5
SFB21_44.FIN2	0.026	20.4	0.16	3.27	8.8	0.98	44.7	16.5	211	70.4	318	76.5	809	86.4	21530	193	566	0.07	21.32	1.17	4.60	38.10	11.26	146.08	284.48	553.81	827.26	1277.11	2148.88	3262.10	2267.72	74.11	0.15	0.0000	5.89	15.52396554	2.93	274.9	3.7
SFB21_97.FIN2	5.7	35.3	1.47	8.3	7.3	1.81	29.9	11.25	172	66	348	98.3	1320	182	2.59E+04	680	3030	15.53	36.89	10.73	11.67	31.60	20.80	97.71	193.97	451.44	775.56	1397.59	2761.24	5322.58	4776.90	2.86	0.37	0.0033	11.79	48.88736734	4.46	278.0	6.6
SFB21_09.FIN2	96	223	31.7	180	58	3.55	147	41.2	465	150.8	632	145	1503	167.6	13990	240	512	261.58	233.02	231.39	253.16	251.08	40.80	480.39	710.34	1220.47	1772.03	2538.15	4073.03	6060.48	4398.95	0.95	0.12	0.0595	4.97	9.156998232	2.13	279.1	4.0
SFB21_21.FIN2	17.5	53	6.7	40	21.4	0.58	59	18.4	242	83.6	389	98.2	1071	118.6	2.15E+04	231	1230	47.68	55.38	48.91	56.26	92.64	6.67	192.81	317.24	635.17	982.37	1562.25	2758.43	4318.55	3112.86	1.15	0.05	0.0153	6.80	16.14466836	5.32	285.7	3.0
SFB21_98.FIN2	0.014	34.4	0.063	3.07	5.7	2.61	35.7	14	203	78.7	415	108.6	1334	173.4	1.69E+04	339	518	0.04	35.95	0.46	4.32	24.68	30.00	116.67	241.38	532.81	924.79	1666.67	3050.56	5379.03	4551.18	271.40	0.56	0.0000	10.10	39.01012373	1.53	289.1	3.0
SFB21_59.FIN2	-0.000037722	13.2	0.114	3.56	8.8	0.49	39.6	15.38	203.5	69.2	316	75.2	787	86.4	1.73E+04	135.3	433	0.00	13.79	0.83	5.01	38.10	5.63	129.41	265.17	534.12	813.16	1269.08	2112.36	3173.39	2267.72	#NUM!	0.08	0.0000	5.94	17.52326414	3.20	290.1	2.6
SFB21_06.FIN2	1470	4.00E+03	600	3090	740	21.3	700	107	800	202	737	153	1421	165.3	1.32E+04	557	760	4005.45	4179.73	4379.56	4345.99	3203.46	244.83	2287.58	1844.83	2099.74	2373.68	2959.84	4297.75	5729.84	4338.58	1.00	0.09	0.9232	2.73	1.896580427	1.36	290.7	5.6
SFB21_101.FIN2	0.26	57	0.69	12.2	22.1	1.76	84.3	29.7	365	117.7	515	113.3	1178	131.5	14240	445	810	0.71	59.56	5.04	17.16	95.67	20.23	275.49	512.07	958.01	1383.08	2068.27	3182.58	4750.00	3451.44	31.53	0.12	0.0002	4.96	12.52837168	1.82	293.2	2.7
SFB21_29.FIN2	0.12	19.01	0.072	1.13	4	0.62	26.4	13	199	76.3	417	117.5	1422	182.3	19360	471	2232	0.33	19.86	0.53	1.59	17.32	7.13	86.27	224.14	522.31	896.59	1674.70	3300.56	5733.87	4784.78	47.92	0.18	0.0001	10.98	55.4599141	4.74	293.8	2.8
SFB21_78.FIN2	112	640	96	600	283	4.9	440	105	1140	346	1510	344	3650	396	2.71E+04	2500	3820	305.18	668.76	700.73	843.88	1225.11	56.32	1437.91	1810.34	2992.13	4065.80	6064.26	9662.92	14717.74	10393.70	1.45	0.04	0.0294	4.92	7.228346457	1.53	293.8	2.4
SFB21_35.FIN2	0.04	17.9	0.077	1.46	5.8	-0.000124581	27.2	9.3	114	39.6	201	45.6	532	66.7	18930	114	363	0.11	18.70	0.56	2.05	25.11	0.00	88.89	160.34	299.21	465.33	807.23	1280.90	2145.16	1750.66	75.57	0.00	0.0001	7.17	19.69488189	3.18	295.3	3.0
SFB21_95.FIN2	13.9	62	7.8	48	18.8	0.33	58.4	19.9	266	95.7	456	113	1240	142	2.25E+04	304	1560	37.87	64.79	56.93	67.51	81.39	3.79	190.85	343.10	698.16	1124.56	1831.33	3174.16	5000.00	3727.03	1.40	0.03	0.0102	7.16	19.52863769	5.13	297.6	2.3
SFB21_61.FIN2	1.1	12.2	0.58	6.32	12.6	1.16	55.4	20.5	286	93.2	414	94.6	968	108.9	16170	181.6	539	3.00	12.75	4.23	8.89	54.55	13.33	181.05	353.45	750.66	1095.18	1662.65	2657.30	3903.23	2858.27	3.58	0.13	0.0010	5.20	15.78754371	2.97	299.8	3.0
SFB21_25.FIN2	0.117	26.3	0.19	5.4	14	2.44	77	29.5	385	147	724	182	2080	251	2.20E+04	830	2300	0.32	27.48	1.39	7.59	60.61	28.05	251.63	508.62	1010.50	1727.38	2907.63	5112.36	8387.10	6587.93	41.33	0.23	0.0000	8.30	26.18059106	2.77	303.0	2.1
SFB21_18.FIN2	-0.00006612	8.99	-6.2004E-06	0.24	0.37	0.21	8.7	4.14	59.3	25	140.5	41.9	548	77.4	23180	135.6	763	0.00	9.39	0.00	0.34	1.60	2.41	28.43	71.38	155.64	293.77	564.26	1176.97	2209.68	2031.50	104031.48	0.36	0.0000	14.20	71.45262015	5.63	303.8	2.3
SFB21_24.FIN2	0.18	23.2	0.36	6.8	13.8	1.92	78.2	27.7	368	130.4	580	148.6	1578	178	20920	414	1300	0.49	24.24	2.63	9.56	59.74	22.07	255.56	477.59	965.88	1532.31	2329.32	4174.16	6362.90	4671.92	21.35	0.18	0.0001	6.59	18.28141048	3.14	305.4	3.1
SFB21_01.FIN2	-0.000077283	16.5	-7.6661E-06	1.43	4.7	0.49	23.5	12.2	176	69	353	97.5	1110	138	2.02E+04	344	1330	0.00	17.24	0.00	2.01	20.35	5.63	76.80	210.34	461.94	810.81	1417.67	2738.76	4475.81	3622.05	158831.30	0.14	0.0000	9.69	47.16367901	3.87	308.1	2.3
SFB21_39.FIN2	-0.000051772	33	0.078	1.79	6.7	1.34	39.4	16.6	245	100.9	517	146	1800	227	21490	653	2340	0.00	34.48	0.57	2.52	29.00	15.40	128.76	286.21	643.04	1185.66	2076.31	4101.12	7258.06	5958.01	#NUM!	0.25	0.0000	11.29	46.27283265	3.58	313.5	2.4
SFB21_64.FIN2	0.027	16.8	0.47	10.1	27.1	0.41	120	37.2	471	145.8	620	141.9	1349	149	19740	677	693	0.07	17.55	3.43	14.21	117.32	4.71	392.16	641.38	1236.22	1713.28	2489.96	3985.96	5439.52	3910.76	34.94	0.02	0.0000	4.40	9.972440945	1.02	332.0	2.8
SFB21_82.FIN2	0.26	2.81	0.41	4.48	14.8	0.37	86.8	46.2	687	246.2	1180	282	2960	315	23320	115.5	1246	0.71	2.94	2.99	6.30	64.07	4.25	283.66	796.55	1803.15	2893.07	4738.96	7921.35	11935.48	8267.72	2.02	0.03	0.0001	6.62	29.14655829	10.79	381.8	8.7
SFB21_20.FIN2	3.8	27.4	3.5	22.6	27.3	9.4	124	63.2	1026	396	2162	644	8370	1057	2.99E+04	197	6260	10.35	28.63	25.55	31.79	118.18	108.05	405.23	1089.66	2692.91	4653.35	8682.73	18089.89	33750.00	27742.78	1.76	0.49	0.0004	12.53	68.46202692	31.78	402.0	4.0
SFB21_17.FIN2	15.5	86	11.4	62	38.2	16.6	140	67.3	1028	393	2070	570	6770	797	2.78E+04	820	9.00E+03	42.23	89.86	83.21	87.20	165.37	190.80	457.52	1160.34	2698.16	4618.10	8313.25	16011.24	27298.39	20918.64	1.52	0.69	0.0020	10.12	45.72215973	10.98	428.1	8.0
SFB21_53.FIN2	-0.000041342	2.99	0.062	1.02	5.4	0.21	46.8	28.7	462	187	926	241	2650	283	2.59E+04	73.4	1013	0.00	3.12	0.45	1.43	23.38	2.41	152.94	494.83	1212.60	2197.41	3718.88	6769.66	10685.48	7427.82	#NUM!	0.04	0.0000	8.81	48.56652534	13.80	442.5	3.3
SFB21_28.FIN2	0.44	5.28	0.23	3.93	13.4	0.124	76.2	35.5	533	207	1001	261	2890	322	18900	525	1486	1.20	5.52	1.68	5.53	58.01	1.43	249.02	612.07	1398.95	2432.43	4020.08	7331.46	11653.23	8451.44	3.89	0.01	0.0001	8.33	33.93886788	2.83	444.5	6.3
SFB21_42.FIN2	0.04	4.24	0.41	7.7	18.1	0.48	91	29	369	118	533	129.3	1289	147.7	15990	191	257	0.11	4.43	2.99	10.83	78.35	5.52	297.39	500.00	968.50	1386.60	2140.56	3632.02	5197.58	3876.64	7.76	0.04	0.0000	5.37	13.03573592	1.35	445.2	6.9
SFB21_111.FIN2	2.9	39.7	1.99	20.3	27.8	13.9	105	40.4	546	199	940	225	2360	277	2.02E+04	1160	2720	7.90	41.48	14.53	28.55	120.35	159.77	343.14	696.55	1433.07	2338.43	3775.10	6320.22	9516.13	7270.34	3.87	0.79	0.0011	6.64	21.18785152	2.34	446.6	4.1
SFB21_89.FIN2	-0.000015696	1.67	0.041	0.86	3.6	0.25	27.6	13.1	202	76.7	378	100.8	1200	128	20150	54.3	1100	0.00	1.75	0.30	1.21	15.58	2.87	90.20	225.86	530.18	901.29	1518.07	2831.46	4838.71	3359.58	#NUM!	0.08	0.0000	9.13	37.24751797	20.26	447.6	5.5
SFB21_12.FIN2	11.1	29.1	3.11	12.8	8.7	0.43	53.5	31.6	494	178	841	200	2085	218.8	2.80E+04	65.5	1130	30.25	30.41	22.70	18.00	37.66	4.94	174.84	544.83	1296.59	2091.66	3377.51	5617.98	8407.26	5742.78	1.16	0.06	0.0053	6.48	32.84656708	17.25	448.0	4.4
SFB21_03.FIN2	0.61	3.86	0.41	4.53	9.1	0.41	64.4	38.6	647	244.5	1150	290.1	3250	327.4	26270	116.9	3070	1.66	4.03	2.99	6.37	39.39	4.71	210.46	665.52	1698.16	2873.09	4618.47	8148.88	13104.84	8593.18	1.81	0.05	0.0002	7.72	40.83092874	26.26	448.1	4.3
SFB21_31.FIN2	0.89	23.1	2.35	21.9	40.5	4.8	136.1	63.4	970	358	1796	487	5600	628	26140	328	2710	2.43	24.14	17.15	30.80	175.32	55.17	444.77	1093.10	2545.93	4206.82	7212.85	13679.78	22580.65	16482.94	3.74	0.20	0.0001	8.87	37.05936464	8.26	448.4	5.5
SFB21_76.FIN2	0.43	2.84	0.49	5.44	12.5	0.22	96.8	54.6	893	333.3	1644	418	4522	488	2.65E+04	153.7	1960	1.17	2.97	3.58	7.65	54.11	2.53	316.34	941.38	2343.83	3916.57	6602.41	11741.57	18233.87	12808.40	1.45	0.02	0.0001	7.78	40.48936032	12.75	449.4	2.8
SFB21_73.FIN2	0.23	1.79	0.194	3.53	12.9	0.074	87.5	44.2	696	264	1264	304	3180	345	20090	137.1	627	0.63	1.87	1.42	4.96	55.84	0.85	285.95	762.07	1826.77	3102.23	5076.31	8539.33	12822.58	9055.12	1.99	0.01	0.0001	7.02	31.66704162	4.57	450.0	3.4
SFB21_65.FIN2	-0.00003269	25.1	0.33	6.88	21.1	0.74	78.1	30	397	139	630	157.8	1634	171.1	17740	1090	889	0.00	26.23	2.41	9.68	91.34	8.51	255.23	517.24	1041.99	1633.37	2530.12	4432.58	6588.71	4490.81	#NUM!	0.06	0.0000	6.32	17.59524938	0.82	450.3	4.4
SFB21_109.FIN2	0.29	9.9	1.85	12.4	18.7	2.06	91	46.8	738	263	1256	303	3080	319	2.63E+04	122	1630	0.79	10.34	13.50	17.44	80.95	23.68	297.39	806.90	1937.01	3090.48	5044.18	8511.24	12419.35	8372.70	3.17	0.15	0.0001	6.41	28.15436532	13.36	452.1	3.3
SFB21_62.FIN2	0.31	4.4	0.46	8.35	19.2	0.72	94.5	33.3	454	163	754	183	1850	220	1.78E+04	229	664	0.84	4.60	3.36	11.74	83.12	8.28	308.82	574.14	1191.60	1915.39	3028.11	5140.45	7459.68	5774.28	2.73	0.05	0.0001	6.26	18.69766279	2.90	452.9	5.0
SFB21_106.FIN2	11.5	73	8.2	58	48.1	3.19	128	39.7	510	178	820	202	2210	258	2.02E+04	930	2110	31.34	76.28	59.85	81.58	208.23	36.67	418.30	684.48	1338.58	2091.66	3293.17	5674.16	8911.29	6771.65	1.76	0.12	0.0046	6.66	16.18848425	2.27	456.6	4.3
SFB21_104.FIN2	-0.000005038	3.85	0.051	2.03	6.7	0.43	38.3	15.2	211	80.2	390	100.3	1148	140.1	1.93E+04	151.3	589	0.00	4.02	0.37	2.86	29.00	4.94	125.16	262.07	553.81	942.42	1566.27	2817.42	4629.03	3677.17	#NUM!	0.08	0.0000	8.36	29.37891902	3.89	457.6	4.9
SFB21_118.FIN2	2.1	13.6	1.49	15.9	26.5	1.45	131	43.4	584	196	896	209	2220	257	1.77E+04	425	970	5.72	14.21	10.88	22.36	114.72	16.67	428.10	748.28	1532.81	2303.17	3598.39	5870.79	8951.61	6745.41	1.80	0.08	0.0008	5.84	15.75644647	2.28	458.0	2.7
SFB21_117.FIN2	0.041	11.3	0.154	1.92	5.1	1.29	20.4	10	155	51.9	243	59.8	697	89.5	2.01E+04	119	452	0.11	11.81	1.12	2.70	22.08	14.83	66.67	172.41	406.82	609.87	975.90	1679.78	2810.48	2349.08	33.32	0.39	0.0000	6.91	35.23622047	3.80	458.4	5.8
SFB21_120.FIN2	0.000007111	5.5	0.046	1.72	8.6	0.52	66.7	31.2	416	136	650	157	1920	201	24630	71.1	1011	0.00	5.75	0.34	2.42	37.23	5.98	217.97	537.93	1091.86	1598.12	2610.44	4410.11	7741.94	5275.59	2253.20	0.07	0.0000	7.09	24.2028592	14.22	461.9	3.3
SFB21_92.FIN2	0.29	1.47	0.13	1.39	4.6	0.6	39.2	23.8	390	156	830	244	3170	366	2.50E+04	48.8	2540	0.79	1.54	0.95	1.95	19.91	6.90	128.10	410.34	1023.62	1833.14	3333.33	6853.93	12782.26	9606.30	1.77	0.14	0.0001	12.49	74.98794794	52.05	463.8	6.3
SFB21_70.FIN2	0.067	3.93	0.24	6.02	10.2	1.01	55.5	18	226	77.6	352	82.8	859	103.6	14970	128	315	0.18	4.11	1.75	8.47	44.16	11.61	181.37	310.34	593.18	911.87	1413.65	2325.84	3463.71	2719.16	7.26	0.13	0.0001	5.84	14.99212598	2.46	465.2	4.5
SFB21_10.FIN2	0.013	1.83	0.23	2.78	10.8	0.23	62.3	27.1	403	150.8	733	186.9	2161	244	2.03E+04	106	706	0.04	1.91	1.68	3.91	46.75	2.64	203.59	467.24	1057.74	1772.03	2943.78	5250.00	8713.71	6404.20	7.84	0.03	0.0000	8.24	31.45561861	6.66	465.9	4.1
SFB21_60.FIN2	-0.000036324	1.44	0.17	3.67	11.9	0.34	62	23.5	312	113	513	119	1240	136	1.69E+04	106	260	0.00	1.50	1.24	5.16	51.52	3.91	202.61	405.17	818.90	1327.85	2060.24	3342.70	5000.00	3569.55	#NUM!	0.04	0.0000	6.11	17.61747523	2.45	465.9	4.2
SFB21_116.FIN2	0.62	17.2	0.92	13.2	29.3	2.27	168	55.5	748	256	1163	266	2720	315	1.66E+04	1000	1610	1.69	17.97	6.72	18.57	126.84	26.09	549.02	956.90	1963.25	3008.23	4670.68	7471.91	10967.74	8267.72	5.34	0.10	0.0002	5.59	15.05905512	1.61	466.1	4.0
SFB21_27.FIN2	0.46	9.98	0.96	20.6	45.6	0.92	213	71.9	909	300	1313	301	3160	337	19260	691	952	1.25	10.43	7.01	28.97	197.40	10.57	696.08	1239.66	2385.83	3525.26	5273.09	8455.06	12741.94	8845.14	3.52	0.03	0.0001	5.34	12.70710879	1.38	466.3	3.5
SFB21_88.FIN2	-0.00001615	3.97	0.108	4.58	11	0.74	62.4	21	260	92.3	421	105.8	1114	130.8	2.03E+04	137.6	424	0.00	4.15	0.79	6.44	47.62	8.51	203.92	362.07	682.41	1084.61	1690.76	2971.91	4491.94	3433.07	#NUM!	0.09	0.0000	6.58	16.83525136	3.08	466.9	4.2
SFB21_41.FIN2	-0.000049937	2.66	0.27	7.9	23.4	0.61	108.3	25.1	171	32.7	81	12.8	98	8.5	2.15E+04	90	465	0.00	2.78	1.97	11.11	101.30	7.01	353.92	432.76	448.82	384.25	325.30	359.55	395.16	223.10	#NUM!	0.04	0.0000	0.88	0.630357493	5.17	467.8	3.4
SFB21_26.FIN2	0.039	2.47	0.06	2.65	10.7	0.218	81.8	41.5	704	278	1460	386	4410	492	2.54E+04	222	2120	0.11	2.58	0.44	3.73	46.32	2.51	267.32	715.52	1847.77	3266.75	5863.45	10842.70	17782.26	12913.39	11.96	0.02	0.0000	9.62	48.30679784	9.55	468.2	3.1
SFB21_112.FIN2	0.72	4.87	0.43	4.09	7.7	1.03	50.9	23	348	137.5	689	183.6	2027	253.6	22970	84.9	837	1.96	5.09	3.14	5.75	33.33	11.84	166.34	396.55	913.39	1615.75	2767.07	5157.30	8173.39	6656.17	2.05	0.16	0.0003	8.95	40.01546958	9.86	468.8	5.9
SFB21_100.FIN2	0.028	0.98	0.22	2.6	9.5	0.073	84	52.8	798	259	1024	205	1800	163	2.42E+04	87.8	1600	0.08	1.02	1.61	3.66	41.13	0.84	274.51	910.34	2094.49	3043.48	4112.45	5758.43	7258.06	4278.22	2.93	0.01	0.0000	3.47	15.58492688	18.22	470.0	3.3
SFB21_36.FIN2	0.19	5.9	0.88	11.1	25	2.6	127	57	860	320	1510	374	3930	427	2.12E+04	111	730	0.52	6.17	6.42	15.61	108.23	29.89	415.03	982.76	2257.22	3760.28	6064.26	10505.62	15846.77	11207.35	3.38	0.14	0.0000	7.02	27.00353401	6.58	470.8	3.6
SFB21_38.FIN2	0.04	2.68	0.42	6.18	23.8	0.56	150	71	1056	385	1820	440	4530	485	2.19E+04	231	1010	0.11	2.80	3.07	8.69	103.03	6.44	490.20	1224.14	2771.65	4524.09	7309.24	12359.55	18266.13	12729.66	4.84	0.03	0.0000	6.59	25.96850394	4.37	471.4	3.0
SFB21_119.FIN2	0.49	4.2	0.15	1.99	5.3	0.5	32.1	14.2	198	65.2	292	85	1020	99	13750	41	811	1.34	4.39	1.09	2.80	22.94	5.75	104.90	244.83	519.69	766.16	1172.69	2387.64	4112.90	2598.43	3.63	0.12	0.0005	7.91	24.77003459	19.78	475.0	11.0
SFB21_90.FIN2	0.027	0.71	0.147	2.03	7.6	0.036	64	38.2	570	179	701	142.3	1232	116	2.59E+04	89.2	1270	0.07	0.74	1.07	2.86	32.90	0.41	209.15	658.62	1496.06	2103.41	2815.26	3997.19	4967.74	3044.62	2.64	0.00	0.0000	3.32	14.55708661	14.24	475.6	4.7
SFB21_110.FIN2	-8.66E-07	5.77	0.095	1.49	4.8	0.34	37	13.8	203	71.6	358	91.1	1034	116	20620	197	1100	0.00	6.03	0.69	2.10	20.78	3.91	120.92	237.93	532.81	841.36	1437.75	2558.99	4169.35	3044.62	#NUM!	0.08	0.0000	7.83	25.17982549	5.58	477.7	4.8
SFB21_32.FIN2	0.053	3.25	0.27	3.6	15.3	0.66	93	45.2	715	275	1380	349	3770	428	20130	297	1700	0.14	3.40	1.97	5.06	66.23	7.59	303.92	779.31	1876.64	3231.49	5542.17	9803.37	15201.61	11233.60	6.37	0.05	0.0000	8.10	36.96215392	5.72	482.4	4.1
SFB21_71.FIN2	0.65	4.28	0.73	9.7	24.4	0.63	134	50.6	715	266	1221	293	3060	344	17620	302	1026	1.77	4.47	5.33	13.64	105.63	7.24	437.91	872.41	1876.64	3125.73	4903.61	8230.34	12338.71	9028.87	1.46	0.03	0.0002	6.57	20.618169	3.40	488.9	5.3

SFB21_52.FIN2	0.027	10.52	0.23	6.54	21	0.65	104.4	39	511	190	840	201	2050	234	2.19E+04	356	1300	0.07	10.99	1.68	9.20	90.91	7.47	341.18	672.41	1341.21	2232.67	3373.49	5646.07	8266.13	6141.73	31.28	0.04	0.0000	6.16	18.00162911	3.65	489.0	3.2
SFB21_33.FIN2	0.042	35.5	0.8	12	15.4	1.64	54.4	20.9	298	107.6	527	138	1540	178	2.23E+04	372	815	0.11	37.10	5.84	16.88	66.67	18.85	177.78	360.34	782.15	1264.39	2116.47	3876.40	6209.68	4671.92	45.38	0.17	0.0000	7.94	26.27952756	2.19	490.0	11.0
SFB21_102.FIN2	-0.000006918	41.4	0.221	6.92	19.5	1.51	116.8	46.6	624	223	999	229	2338	254	2.18E+04	557	1764	0.00	43.26	1.61	9.73	84.42	17.36	381.70	803.45	1637.80	2620.45	4012.05	6432.58	9427.42	6666.67	#NUM!	0.10	0.0000	5.76	17.46575342	3.17	490.2	3.8
SFB21_105.FIN2	0.37	11.7	0.6	7.7	18.4	1.19	80.8	33.5	470	177.6	847	197.5	2130	255.7	17070	436	1071	1.01	12.23	4.38	10.83	79.65	13.68	264.05	577.59	1233.60	2086.96	3401.61	5547.75	8588.71	6711.29	5.82	0.09	0.0002	6.96	25.41650425	2.46	492.4	2.9
SFB21_99.FIN2	0.027	2.47	0.102	2.16	8.8	0.019	65.8	37.4	601	216	1080	281	2930	326	2.34E+04	108.8	960	0.07	2.58	0.74	3.04	38.10	0.22	215.03	644.83	1577.43	2538.19	4337.35	7893.26	11814.52	8556.43	11.03	0.00	0.0000	7.49	39.79130268	8.82	498.8	7.4
SFB21_37.FIN2	0.04	2.21	0.053	2.68	10.2	0.45	69	29.2	418	163.5	809	204	2030	265	1.44E+04	133.7	629	0.11	2.31	0.39	3.77	44.16	5.17	225.49	503.45	1097.11	1921.27	3249.00	5730.34	8185.48	6955.38	11.25	0.05	0.0000	7.46	30.84560082	4.70	510.2	4.0
SFB21_50.FIN2	0.26	6.5	0.053	2.26	5.9	0.23	39.2	18.2	272	108	560	142	1660	176	19410	117.8	760	0.71	6.79	0.39	3.18	25.54	2.64	128.10	313.79	713.91	1269.10	2249.00	3988.76	6693.55	4619.42	12.97	0.05	0.0002	9.38	36.05977824	6.45	516.0	22.0
SFB21_45.FIN2	-0.000046773	0.79	0.071	1.91	8.8	0.22	64.4	35.1	563	221	1030	268	2920	313	19240	50.2	446	0.00	0.83	0.52	2.69	38.10	2.53	210.46	605.17	1477.69	2596.94	4136.55	7528.09	11774.19	8215.22	#NUM!	0.03	0.0000	7.97	39.03506627	8.88	522.7	6.1
SFB21_46.FIN2	-0.000046338	19.1	0.48	13.2	25	1.43	97	33.5	426	144	623	151.1	1700	202	1.76E+04	121	439	0.00	19.96	3.50	18.57	108.23	16.44	316.99	577.59	1118.11	1692.13	2502.01	4244.38	6854.84	5301.84	#NUM!	0.09	0.0000	6.13	16.72538355	3.63	532.0	9.2
SFB21_103.FIN2	-0.00000549	2.95	1.7322E-06	0.59	2.62	0.26	25	13.4	221	86.8	437	125	1420	165.3	20040	122	810	0.00	3.08	0.00	0.83	11.34	2.99	81.70	231.03	580.05	1019.98	1755.02	3511.24	5725.81	4338.58	#NUM!	0.10	0.0000	9.87	53.10425197	6.64	543.0	11.0
SFB21_30.FIN2	0.15	7.2	0.043	1.77	5.4	0.44	45.8	25.7	450	166	850	232	2560	282	2.22E+04	150.6	1470	0.41	7.52	0.31	2.49	23.38	5.06	149.67	443.10	1181.10	1950.65	3413.65	6516.85	10322.58	7401.57	21.01	0.09	0.0001	8.74	49.45156965	9.76	546.0	13.0
SFB21_07.FIN2	1.4	16	1.2	9	20.7	2.7	105	45.6	664	255	1230	323	3400	391	1.98E+04	164	1660	3.81	16.72	8.76	12.66	89.61	31.03	343.14	786.21	1742.78	2996.47	4939.76	9073.03	13709.68	10262.47	2.89	0.18	0.0004	7.87	29.90776153	10.12	547.6	4.8
SFB21_51.FIN2	0.052	6.2	0.89	10.7	20.8	3.7	92.6	38.9	522	178.7	852	211	2330	274	2.32E+04	189	1170	0.14	6.48	6.50	15.05	90.04	42.53	302.61	670.69	1370.08	2099.88	3421.69	5926.97	9395.16	7191.60	6.75	0.26	0.0000	6.86	23.76490196	6.19	553.0	9.9
SFB21_54.FIN2	0.28	21.6	0.54	6.4	8.7	0.82	40.1	17.6	219	79	374	105	1210	143	2.83E+04	520	1480	0.76	22.57	3.94	9.00	37.66	9.43	131.05	303.45	574.80	928.32	1502.01	2949.44	4879.03	3753.28	13.02	0.13	0.0002	8.49	28.64099594	2.85	554.4	7.4
SFB21_107.FIN2	0.19	7.6	1.06	12.9	18.8	5.7	67	21.5	256	79.9	342	74.6	795	86.8	14340	64.8	119	0.52	7.94	7.74	18.14	81.39	65.52	218.95	370.69	671.92	938.90	1373.49	2095.51	3205.65	2278.22	3.97	0.49	0.0002	4.77	10.40498296	1.84	562.2	8.1
SFB21_68.FIN2	8.8	35	3.6	24.8	25.4	1.94	76	19.8	242	70.5	307	67.9	689	72.2	14880	116	190	23.98	36.57	26.28	34.88	109.96	22.30	248.37	341.38	635.17	828.44	1232.93	1907.30	2778.23	1895.01	1.46	0.13	0.0127	4.37	7.62992126	1.64	567.4	7.0
SFB21_14.FIN2	-0.000068784	7.8	0.031	1.18	2.8	0.59	21.7	8.4	129	45	237	68.6	895	112.3	2.13E+04	94.9	975	0.00	8.15	0.23	1.66	12.12	6.78	70.92	144.83	338.58	528.79	951.81	1926.97	3608.87	2947.51	#NUM!	0.23	0.0000	10.66	41.56391741	10.27	572.4	8.9
SFB21_63.FIN2	-0.000034995	128.1	0.43	6.55	14.7	4.36	54.8	21.7	292	106.3	524	135.6	1570	200	17410	682	511	0.00	133.86	3.14	9.21	63.64	50.11	179.08	374.14	766.40	1249.12	2104.42	3808.99	6330.65	5249.34	#NUM!	0.47	0.0000	8.26	29.31202943	0.75	595.0	10.0
SFB21_77.FIN2	4.5	89	3.9	31.7	43.5	11.16	163	44.9	499	154	629	137	1360	154	14370	1079	562	12.26	93.00	28.47	44.59	188.31	128.28	532.68	774.14	1309.71	1809.64	2526.10	3848.31	5483.87	4041.99	4.98	0.41	0.0030	4.19	7.588039225	0.52	596.6	4.8
SFB21_08.FIN2	1.7	31.7	1.03	8.7	16.5	5.8	73	26.5	347	117	470	124	1430	154	2.41E+04	502	1620	4.63	33.12	7.52	12.24	71.43	66.67	238.56	456.90	910.76	1374.85	1887.55	3483.15	5766.13	4041.99	5.61	0.51	0.0011	6.33	16.94315608	3.23	603.3	5.7
SFB21_43.FIN2	0.067	73.7	0.55	13.4	33.6	0.81	168	60	750	248	1070	245	2470	245	20500	1040	2070	0.18	77.01	4.01	18.85	145.45	9.31	549.02	1034.48	1968.50	2914.22	4297.19	6882.02	9959.68	6430.45	89.96	0.03	0.0000	5.06	11.71259843	1.99	603.9	4.6
SFB21_80.FIN2	0.092	31.2	0.172	5.92	14.2	0.8	61.3	20.69	261	89.9	406	98.5	1080	130.6	1.87E+04	252	621	0.25	32.60	1.26	8.33	61.47	9.20	200.33	356.72	685.04	1056.40	1630.52	2766.85	4354.84	3427.82	58.11	0.08	0.0001	6.36	17.11114822	2.46	612.0	5.0
SFB21_05.FIN2	0.4	6.3	0.64	3.4	2.9	1.66	23	14.1	268	104	612	184	2330	277	3.06E+04	65	3980	1.09	6.58	4.67	4.78	12.55	19.08	75.16	243.10	703.41	1222.09	2457.83	5168.54	9395.16	7270.34	2.92	0.62	0.0001	13.36	96.72714824	61.23	626.2	3.6
SFB21_74.FIN2	0.26	10.1	0.61	7.3	12.1	1.43	51.8	16.6	208	67.6	304	72.7	736	85.3	15290	102	415	0.71	10.55	4.45	10.27	52.38	16.44	169.28	286.21	545.93	794.36	1220.88	2042.13	2967.74	2238.85	5.94	0.17	0.0003	5.44	13.22561031	4.07	659.1	8.0
SFB21_113.FIN2	0.59	9.7	1.71	14.1	23	6.1	98	37	330	85	382	86	940	111	1.88E+04	67.8	621	1.61	10.14	12.48	19.83	99.57	70.11	320.26	637.93	866.14	998.82	1534.14	2415.73	3790.32	2913.39	2.26	0.39	0.0006	4.38	9.096898602	9.16	659.5	6.9
SFB21_67.FIN2	0.013	2.23	-0.000001703	0.24	1.49	1.08	11.8	2.97	28.4	5.3	13.8	2.89	29.5	6.4	2.29E+04	7.2	196	0.04	2.33	0.00	0.34	6.45	12.41	38.56	51.21	74.54	62.28	55.42	81.18	118.95	167.98	#NUM!	0.79	0.0002	1.60	4.356065661	27.22	670.2	7.0
SFB21_34.FIN2	0.083	17.7	0.21	2.4	1.6	0.44	6	2.76	40.4	19.2	123	45.2	700	107	2.58E+04	159	920	0.23	18.50	1.53	3.38	6.93	5.06	19.61	47.59	106.04	225.62	493.98	1269.66	2822.58	2808.40	31.41	0.43	0.0001	26.62	143.2283465	5.79	692.0	15.0
SFB21_04.FIN2	-0.000075989	5.18	0.053	2.83	6.6	0.115	37.9	14.02	187	65	319	77.3	863	94.7	1.85E+04	104.2	343	0.00	5.41	0.39	3.98	28.57	1.32	123.86	241.72	490.81	763.81	1281.12	2171.35	3479.84	2485.56	#NUM!	0.02	0.0000	7.09	20.06814452	3.29	701.9	8.0
SFB21_16.FIN2	0.014	26.8	0.24	2.66	4.4	1.71	17.6	7.18	89.1	34.7	164	49.6	646	90.3	18100	406	903	0.04	28.00	1.75	3.74	19.05	19.66	57.52	123.79	233.86	407.76	658.63	1393.26	2604.84	2370.08	108.33	0.59	0.0000	11.14	41.20705082	2.22	770.4	5.5
SFB21_93.FIN2	0.72	38.6	1.79	19	30.1	4.77	153	51.3	671	216	1010	232	2410	293	1.58E+04	990	1520	1.96	40.33	13.07	26.72	130.30	54.83	500.00	884.48	1761.15	2538.19	4056.22	6516.85	9717.74	7690.29	7.97	0.21	0.0003	5.52	15.38057743	1.54	824.0	18.0
SFB21_83.FIN2	-0.00001982	15.5	0.178	4.6	7.4	2.44	35.7	11.1	131	45	204	51	544	67.3	1.60E+04	108	152	0.00	16.20	1.30	6.47	32.03	28.05	116.67	191.38	343.83	528.79	819.28	1432.58	2193.55	1766.40	#NUM!	0.46	0.0000	6.38	15.14060742	1.41	950.0	17.0
SFB21_66.FIN2	0.043	2.84	0.161	4.86	15.4	0.81	80.6	29.9	343	97.7	374	76.1	734	79	2.16E+04	118.6	504	0.12	2.97	1.18	6.84	66.67	9.31	263.40	515.52	900.26	1148.06	1502.01	2137.64	2959.68	2073.49	8.00	0.07	0.0001	3.29	7.872061898	4.25	952.0	11.0
SFB21_69.FIN2	0.41	21	0.46	5.6	12.2	0.98	58.1	21.8	290	106	500	125.1	1361	156.8	20060	467	1235	1.12	21.94	3.36	7.88	52.81	11.26	189.87	375.86	761.15	1245.59	2008.03	3514.04	5487.90	4115.49	11.33	0.11	0.0003	7.21	21.67536287	2.64	1043.1	8.3
SFB21_96.FIN2	-0.000010601	38.9	1.0648E-06	1.37	5.1	0.62	38.8	18.1	277	114.2	623	169	2000	239	3.09E+04	250	1032	0.00	40.65	0.00	1.93	22.08	7.13	126.80	312.07	727.03	1341.95	2502.01	4747.19	8064.52	6272.97	#NUM!	0.13	0.0000	11.09	49.47235977	4.13	1083.1	4.8
SFB21_85.FIN2	0.53	14.6	0.47	6.4	11.4	1.77	52	20.3	262	91	411	94	980	120	1.90E+04	226	800	1.44	15.26	3.43	9.00	49.35	20.34	169.93	350.00	687.66	1069.33	1650.60	2640.45	3951.61	3149.61	6.85	0.22	0.0005	5.75	18.53422168	3.54	1103.0	20.0
SFB21_47.FIN2	0.23	74.5	1.72	31.6	39.6	10.5	123.8	34.1	372	115.1	483	110.6	1144	130.8	15170	88	59	0.63	77.85	12.55	44.44	171.43	120.69	404.58	587.93	976.38	1352.53	1939.76	3106.74	4612.90	3433.07	27.75	0.46	0.0002	4.72	8.485619427	0.67	1493.0	17.0
SFB21_56.FIN2	0.5	130.5	2.94	40.7	50.7	12.56	165	40.8	436	129.3	544	121.1	1257	143.2	16280	971	462	1.36	136.36	21.46	57.24	219.48	144.37	539.22	703.45	1144.36	1519.39	2184.74	3401.69	5068.55	3758.53	25.22	0.42	0.0004	4.43	6.970365068	0.48	1987.6	5.9
SFB21_86.FIN2	0.52	9	0.3	3.1	4.7	0.98	24.1	8.41	128	45.5	212	55.7	659	74.5	12840	97.7	260.6	1.42	9.40	2.19	4.36	20.35	11.26	78.76	145.00	335.96	534.67	851.41	1564.61	2657.26	1955.38	5.34	0.28	0.0007	7.91	24.8276538	2.67	2821.5	9.2
SFB45																																							
SFB45_38.FIN2	0.9	34	0.85	7.1	13.9	2.03	79	29.3	424	158	765	201	2420	302	23570	850	1460	2.45	35.53	6.20	9.99	60.17	23.33	258.17	505.17	1112.86	1856.64	3072.29	5646.07	9758.06	7926.51	9.11	0.19	0.0003	8.77	30.70268115	1.72	193.3	2.8
SFB45_33.FIN2	2.9	46.6	1.38	15.7	25.5	5.85	106.7	36.9	491	175.5	787	188.3	2078	241.6	14150	356	362	7.90	48.69	10.07	22.08	110.39	67.24	348.69	636.21	1288.71	2062.28	3160.64	5289.33	8379.03	6341.21	5.46	0.34	0.0012	6.50	18.18565557	1.02	243.1	2.5
SFB45_114.FIN2	39.8	117	14.9	74	28	1.83	59.6	17.4	217	72.9	349	85.8	938	109.6	17270	332	791	108.45	122.26	108.76	104.08	121.21	21.03	194.77	300.00	569.55	856.64	1401.61	2410.11	3782.26	2876.64	1.13	0.14	0.0377	6.64	14.76932833	2.38	284.2	2.2
SFB45_47.FIN2	-0.000127597	16.3	-1.42939E-05	1.68	4.5	0.8	26.1	10.67	146	53.8	272	71.5	818	103.7	21800	206.4	745	0.00	17.03	0.00	2.36	19.48	9.20	85.29	183.97	383.20	632.20	1092.37	2008.43	3298.39	2721.78	89427.97	0.23	0.0000	8.61	31.91058014	3.61	296.0	2.9
SFB45_80.FIN2	0.079	40.9	0.7	4.8	9.5	2.3	38.6	14.8	217	84.3	439	125	1500	193	23300	453	1550	0.22	42.74	5.11	6.75	41.13	26.44	126.14	255.17	569.55	990.60	1763.05	3511.24	6048.39	5065.62	40.75	0.37	0.0000	10.62	40.15748031	3.42	296.6	2.4
SFB45_57.FIN2	0.026	5.57	0.126	3.86	13.8	0.22	70.1	25.9	354	125.1	578	137.9	1514	168.9	26170	281	908	0.07	5.82	0.92	5.43	59.74	2.53	229.08	446.55	929.13	1470.04	2321.29	3873.60	6104.84	4433.07	22.80	0.02	0.0000	6.57	19.35120806	3.23	304.9	3.2
SFB45_74.FIN2	86	262	35	186	59	5.4	100	24.7	275	90.3	389	90	986	112.2	12680	281	488	234.33	273.77	255.47	261.60	255.41	62.07	326.80	425.86	721.78	1061.10	1562.25	2528.09	3975.81	2944.88	1.12	0.21	0.0796	5.51	9.011338583	1.74	304.9	3.2
SFB45_50.FIN2	-0.000125449	29.94	0.162	3.98	17.5	0.75	84.9	33.8	433	161.6	720	177	1896	216.7	21900	510	1680	0.00	31.29	1.18	5.60	75.76	8.62	277.45	582.76	1136.48	1898.94	2891.57	4971.91	7645.16	5687.66	#NUM!	0.06	0.0000	6.73	20.49970785	3.29	306.1	1.8
SFB45_65.FIN2	-0.000115157	5.38	0.091	2.34	3.64	0.48	22.5	8.91	122.6	47.9	253	73.4	1000	140	22600	195.7	910	0.00	5.62	0.66	3.29	15.76	5.52	73.53	153.62	321.78	562.87	1016.06	2061.80	4032.26	3674.54	#NUM!	0.16	0.0000	12.53	49.97375328	4.65	308.0	2.5
SFB45_108.FIN2	-0.000087004	3.39	0.095	3.97	9.9	0.09	42.1	15.26	197.7	70.2	330	89.5	1048	113.6	24400	84.8	407	0.00	3.54	0.69	5.58	42.86	1.03	137.58	263.10	518.90	824.91	1325.30	2514.04	4225.81	2981.63	#NUM!	0.01	0.0000	8.14	21.67168534	4.80	310.8	4.7
SFB45_02.FIN2	-0.000156732	15.1	0.042	1.6	5.1	0.098	29.6	9.78	128.1	44.9	217.4	55	608	67.5	20070	203	501	0.00	15.78	0.31	2.25	22.08	1.13	96.73	168.62	336.22	527.61	873.09	1544.94	2451.61	1771.65	#NUM!	0.02	0.0000	7.29	18.31506704	2.47	311.1	4.3
SFB45_111.FIN2	-0.000084795	3.98	0.18	5.45	14.3	0.25	83.4	30.7	404	135.3	620	150	1680	178	20800	194	583	0.00	4.16	1.31	7.67	61.90	2.87	272.55	529.31	1060.37	1589.89	2489.96	4213.48	6774.19	4671.92	#NUM!	0.02	0.0000	6.39	17.14156234	3.01	312.8	3.9
SFB45_87.FIN2	0.076	27.8	0.93	21.5	33	4.15	104.2	29.2	308	91.4	376	82.1	867	94.2	17660	254	182	0.21	29.05	6.79	30.24	142.86	47.70	340.52	503.45	808.40	1074.03	1510.04	2306.18	3495.97	2472.44	24.50	0.22	0.0001	4.32	7.26071909	0.72	313.8	5.4
SFB45_81.FIN2	0.092	6.84	0.88	17.3	31.7	1.59	111	31.3	371	123	541	133	1410	157	21000	353	810	0.25	7.15	6.42	24.33	137.23	18.28	362.75	539.66	973.75	1445.36	2172.69	3735.96	5685.48	4120.73	5.63	0.08	0.0001	5.84	11.3598638	2.29	314.3	3.0
SFB45_55.FIN2	0.026	13.8	0.62	15.1	28.1	0.46	136	43.1	507	164	693	158	1620	173	21250	563	864	0.07	14.42	4.53	21.24	121.65	5.29	444.44	743.10	1330.71	1927.14	2783.13	4438.20	6532.26	4540.68	25.47	0.02	0.0000	4.91	10.21653543	1.53	315.9	3.2
SFB45_09.FIN2	-0.000152113	5.81	0.43	9.4	21.4	0.31	90.8	29.1	325	107.6	434	102.3	1053	114.5	18100	321	455	0.00	6.07	3.14	13.22	92.64	3.56	296.73	501.72	853.02	1264.39	1742.97	2873.60	4245.97	3005.25	#NUM!	0.02	0.0000	4.98	10.12782268	1.42	323.3	3.0
SFB45_60.FIN2	0.13	14.6	1.5	14.3	21.9	3.4	77	25.5	341	106	483	116	1290	143	18800	265	800	0.35	15.26	10.95	20.11	94.81	39.08	251.63	439.66	895.01	1245.59	1939.76	3258.43	5201.61	3753.28	7.75	0.25	0.0001	5.81	14.91563555	3.02	328.1	3.7
SFB45_44.FIN2	0.091	5.74	0.26	5.96	13.7	0.37	48.5	17	196	66	291	72	792	91.9	20700	289	743	0.25	6.00	1.90	8.38	59.31	4.25	158.50	293.10	514.44	775.56	1168.67	2022.47	3193.55	2412.07	8.74	0.04	0.0001	6.21	15.21844306	2.57	329.6	2.7
SFB45_05.FIN2	0.23	33	1.42	16	17.2	6	56.3	20.2	249	77	334	81	940	106	21400	101	980	0.63	34.48	10.36	22.50	74.46	68.97	183.99	348.28	653.54	904.82	1341.37	2275.28	3790.32	2782.15	13.53	0.59	0.0002	5.80	15.12146683	9.70	333.0	4.6
SFB45_45.FIN2	0.76	41.8	2.41	34	52.4	6.86	163	50.6	522	165.1	666	155.8	1605	170	15890	1380	2200	2.07	43.68	17.59	47.82	226.84	78.85	532.68	872.41	1370.08	1940.07	2674.70	4376.40	6471.77	4461.94	7.24	0.23	0.0005	4.72	8.376406937	1.59	333.6	5.2
SFB45_17.FIN2	0.31	13.4	1.61	17.6	23.5	3.4	78	29.7	354	120	542	131	1480	165	21200	261	1080	0.84	14.00	11.75	24.75	101.73	39.08	254.90	512.07	929.13	1410.11	2176.71	3679.78	5967.74	4330.71	4.44	0.24	0.0002	6.42	16.98970321	4.14	340.4	3.7
SFB45_76.FIN2	0.089	21.2	0.112	3.34	7.7	2	25.8	8.53	111	39.1	195	50.5	589	70.7	18300	351	914	0.24	22.15	0.82	4.70	33.33	22.99	84.31	147.07	291.34	459.46	783.13	1418.54	2375.00	1855.64	49.75	0.43	0.0001	8.15	22.0087896	2.60	341.1	1.9
SFB45_75.FIN2	0.026	8.42	0.67	12.8	21.5	1.23	74	23.3	256	85.4	362	87.2	886	100.4	18470	245	410	0.07	8.80	4.89	18.00	93.07	14.14	241.83	401.72	671.92	1003.53	1453.82	2449.44	3572.58	2635.17	14.95	0.09	0.0000	5.32	10.89678655	1.67	341.4	3.7
SFB45_82.FIN2	1.82	27.8	1.61	21	26	6.8	78	21.4	268	83	354	87.1	943	102.1	19000	594	1800	4.96	29.05	11.75	29.54	112.55	78.16	254.90	368.97	703.41	975.32	1421.69	2446.63	3802.42	2679.79	3.81	0.46	0.0019	5.41	10.51302241	3.03	341.7	3.1
SFB45_35.FIN2	1.45	53.1	4.7	47	61	9.6	170	55.2	650	194	781	180	1730	187	19700	1350	1360	3.95	55.49	34.31	66.10	264.07	110.34	555.56	951.72	1706.04	2279.67	3136.55	5056.18	6975.81	4908.14	4.77	0.29	0.0008	4.09	8.834645669	1.01	342.1	3.6
SFB45_12.FIN2	-0.000150897	12.9	0.22	3.24	7.5	1.94	31.6	10.1	128	39.4	167	38.3	399	43.5	19900	47.1	1230	0.00	13.48	1.61	4.56	32.47	22.30	103.27	174.14	335.96	462.98	670.68	1075.84	1608.87	1141.73	#NUM!	0.39	0.0000	4.79	11.05601515	26.11	343.5	5.3
SFB45_49.FIN2	0.8	51	3	24	28	7.3	80	23.8	273	88	372	88	980	111	21200	680	1370	2.18	53.29	21.90	33.76	121.21	83.91	261.44	410.34	716.54	1034.08	1493.98	2471.91	3951.61	2913.39	7.71	0.47	0.0007	5.51	11.14370079	2.01	355.0	3.5
SFB45_90.FIN2	0.37	19.1	0.22	2.37	3.2	2.02	19.9	7.64	97.4	36.9	183	49.6	632	79.9	15490	117.7	280	1.01	19.96	1.61	3.33	13.85	23.22	65.03	131.72	255.64	433.61	734.94	1393.26	2548.39	2097.11	15.69	0.77	0.0005	9.97	32.24706208	2.38	398.5	4.4
SFB45_61.FIN2	0.121	6	0.25	5.8	13.2	0.64	45.8	15.6	231	74.3	341	89.4	1020	122	16770	134	670	0.33	6.27	1.82	8.16	57.14	7.36	149.67	268.97	606.30	873.09	1369.48	2511.24	4112.90	3202.10	8.08	0.08	0.0001	6.78	21.39394148	5.00	400.0	13.0
SFB45_69.FIN2	0.22	5.84	0.327	4.92	14.3	2.63	62.8	24	294	102.9	469	109.3	1201	135.9	14350	140.7	472	0.60	6.10	2.39	6.92	61.90	30.23	205.23	413.79	771.65	1209.17	1883.53	3070.22	4842.74	3566.93	5.10	0.27	0.0002	6.28	17.38025979	3.35	403.4	4.8
SFB45_48.FIN2	0.041	47.5	0.79	13.6	25.9	10.6	75	21.9	252	78.3	318	72.2	749	86.6	14020	154	127	0.11	49.63	5.77	19.13	112.12	121.84	245.10	377.59	661.42	920.09	1277.11	2028.09	3020.16	2272.97	61.84	0.73	0.0000	4.57	9.273700787	0.82	419.0	26.0
SFB45_105.FIN2	-0.000088275	0.95	0.04	1.9	6.2	0.23	52.6	31.5	507	201.9	1029	270	2990	349	22800	60.8	874	0.00	0.99	0.29	2.67	26.84	2.64	171.90	543.10	1330.71	2372.50	4132.53	7584.27	12056.45	9160.10	#NUM!	0.04	0.0000	9.06	53.28882369	14.38	450.6	3.5
SFB45_58.FIN2	0.85	4.84	0.42	3.86	12.2	0.14	70.1	32.5	455	168.6	780	189.2	1960	217.1	19320	160.6	379	2.32	5.06	3.07	5.43	52.81	1.61	229.08	560.34	1194.23	1981.20	3132.53	5314.61	7903.23	5698.16	1.90	0.01	0.0004	6.62	24.87357768	2.36	451.6	4.2
SFB45_73.FIN2	12	60	4.4	32	29.1	4.3	139	46.9	558	202	887	212	2250	253	18710	477	526	32.70	62.70	32.12	45.01	125.97	49.43	454.25	808.62	1464.57	2373.68	3562.25	5955.06	9072.58	6640.42	1.93	0.21	0.0049	6.19	14.61847845	1.10	454.0	4.3
SFB45_51.FIN2	0.56	22.7	3.1	27	41	13.4	115	38.4	465	145	673	172	1870	204	25200	261	1120	1.53	23.72	22.63	37.97	177.49	154.02	375.82	662.07	1220.47	1703.88	2702.81	4831.46	7540.32	5354.33	4.04	0.60	0.0003	6.18	14.24717562	4.29	456.9	8.0
SFB45_71.FIN2	-0.000111743	4.27	0.041	2.03	8.1	0.49	49.8	24.8	381	153	767	198	2320	272	21600	76.8	1060	0.00	4.46	0.30	2.86	35.06	5.63	162.75	427.59	1000.00	1797.88	3080.32	5561.80	9354.84	7139.11	#NUM!	0.07	0.0000	9.35	43.86680581	13.80	459.6	5.4
SFB45_15.FIN2	0.013	21.2	0.24	4.4	13.3	1.3	71.7	27.91	384	141.3	675	161.9	1742	190.1	14120	286.7	477	0.04	22.15	1.75	6.19	57.58	14.94	234.31	481.21	1007.87	1660.40	2710.84	4547.75	7024.19	4989.50	88.93	0.13	0.0000	6.97	21.29410602	1.66	467.4	4.4
SFB45_95.FIN2	-0.00009528	6.4	0.041	1.48	4.8	0.82	24.5	9.3	112.5	39.4	170	39.8	435	49.6	13170	61.4	108.4	0.00	6.69	0.30	2.08	20.78	9.43	80.07	160.34	295.28	462.98	682.73	1117.98	1754.03	1301.84	#NUM!	0.23	0.0000	5.94	16.25968183	1.77	468.1	6.0
SFB45_63.FIN2	0.22	17.9	2.4	26.4	39.5	7.3	156	56.2	796	269	1230	296	3130	341	26400	180	1010	0.60	18.70	17.52	37.13	171.00	83.91	509.80	968.97	2089.24	3160.99	4939.76	8314.61	12620.97	8950.13	5.77	0.28	0.0001	6.04	17.55602665	5.61	481.0	10.0
SFB45_39.FIN2	-0.000132714	15.6	0.125	3.25	9.6	1.39	46.1	17.2	230	80.5	372	91.5	985	120	14780	215	396	0.00	16.30	0.91	4.57	41.56	15.98	150.65	296.55	603.67	945.95	1493.98	2570.22	3971.77	3149.61	#NUM!	0.20	0.0000	6.58	20.90628042	1.84	492.4	3.4
SFB45_112.FIN2	0.066	5.31	0.55	10.2	18.2	0.96	72.9	23.1	264	87.7	335	82.6	844	99.5	15660	110.6	127	0.18	5.55	4.01	14.35	78.79	11.03	238.24	398.28	692.91	1030.55	1345.38	2320.22	3403.23	2611.55	6.53	0.08	0.0001	4.91	10.96205567	1.15	495.0	6.6
SFB45_20.FIN2	0.038	7.4	0.49	9.3	28.4	0.63	143	61.5	850	293	1390	342	3570	393	21800	270	700	0.10	7.73	3.58	13.08	122.94	7.24	467.32	1060.34	2230.97	3443.01	5582.33	9606.74	14395.16	10314.96	12.71	0.03	0.0000	6.45	22.0725731	2.59	499.8	4.0
SFB45_06.FIN2	0.16	43.2	0.76	11.6	14.1	3.7	57.3	20.5	263	92	413	105	1150	131	20900	220	930	0.44	45.14	5.55	16.32	61.04	42.53	187.25	353.45	690.29	1081.08	1658.63	2949.44	4637.10	3438.32	29.03	0.40	0.0001	6.72	18.36171002	4.23	500.4	9.6
SFB45_78.FIN2	0.038	73.9	0.63	15.8	27	4.95	127.2	38.9	445	139.1	584	135	1433	151.9	16850	171.1	203	0.10	77.22	4.60	22.22	116.88	56.90	415.69	670.69	1167.98	1634.55	2345.38	3792.13	5778.23	3986.88	111.91	0.26	0.0000	4.95	9.591071163	1.19	502.7	5.5
SFB45_56.FIN2	0.107	63	0.46	6.4	11.6	4.5	34.9	11.3	141	50	226	65.9	809	97	17000	496	769	0.29	65.83	3.36	9.00	50.22	51.72	114.05	194.83	370.08	587.54	907.63	1851.12	3262.10	2545.93	66.54	0.68	0.0001	8.81	22.32249622	1.55	525.7	4.8
SFB45_36.FIN2	1.49	14.4	2.6	28	38	2.9	133	55	790	245	1080	269	2870	295	26150	78	1940	4.06	15.05	18.98	39.38	164.50	33.33	434.64	948.28	2073.49	2878.97	4337.35	7556.18	11572.58	7742.78	1.71	0.12	0.0005	5.58	17.81422059	24.87	532.3	4.5
SFB45_08.FIN2	0.079	0.81	0.111	1.63	4.7	0.118	33.6	22.1	351	133	684	193	2310	253	29100	27.4	1260	0.22	0.85	0.81	2.29	20.35	1.36	109.80	381.03	921.26	1562.87	2746.99	5421.35	9314.52	6640.42	2.03	0.03	0.0000	10.11	60.47525309	45.99	532.9	4.8
SFB45_53.FIN2	0.148	26.9	0.27	2.84	4.8	1.32	26.7	10.34	129.8	49.9	230.5	60.3	682	84.4	24090	221	596	0.40	28.11	1.97	3.99	20.78	15.17	87.25	178.28	340.68	586.37	925.70	1693.82	2750.00	2215.22	31.53	0.36	0.0002	8.07	25.3879501	2.70	542.5	4.8
SFB45_42.FIN2	0.84	184	0.81	9.44	11.6	5.36	43.5	17	222	72.9	365	114	1600	203	26060	1750	2330	2.29	192.27	5.91	13.28	50.22	61.61	142.16	293.10	582.68	856.64	1465.86	3202.25	6451.61	5328.08	52.27	0.73	0.0004	11.07	37.48031496	1.33	542.9	3.3
SFB45_41.FIN2	0.74	137.6	0.78	7.6	11.2	3.27	46.9	16.14	229.4	83	413	111.5	1357	158.8	22600	453	741	2.02	143.78	5.69	10.69	48.48	37.59	153.27	278.28	602.10	975.32	1658.63	3132.02	5471.77	4167.98	42.44	0.44	0.0005	9.09	27.19406343	1.64	551.0	4.9
SFB45_32.FIN2	0.143	12.2	0.83	5.1	6.5	2.2	13.3	5.6	83	34.6	154	44	500	56.8	22500	100	530	0.39	12.75	6.06	7.17	28.14	25.29	43.46	96.55	217.85	406.58	618.47	1235.96	2016.13	1490.81	8.30	0.72	0.0003	9.25	34.29992304	5.30	552.0	11.0
SFB45_117.FIN2	1.7	21.2	0.67	7.8	11.6	0.63	48.4	16.39	244	87.2	411	100.3	1135	129.9	23200	280	884	4.63	22.15	4.89	10.97	50.22	7.24	158.17	282.59	640.42	1024.68	1650.60	2817.42	4576.61	3409.45	4.65	0.08	0.0014	7.15	21.55560617	3.16	552.3	4.6
SFB45_110.FIN2	0.066	1.73	0.28	3.04	8	0.74	63.1	38.1	591	215.7	974	238	2410	236	23000	61.7	1070	0.18	1.81	2.04	4.28	34.63	8.51	206.21	656.90	1551.18	2534.67	3911.65	6685.39	9717.74	6194.23	2.98	0.10	0.0000	6.26	30.03855897	17.34	566.5	5.2
SFB45_23.FIN2	89100	154000	19000	70700	10390	142	5390	405	1410	190	467	58	488	53.6	13380	61800	2500	242779.29	160919.54	138686.13	99437.41	44978.35	1632.18	17614.38	6982.76	3700.79	2232.67	1875.50	1629.21	1967.74	1406.82	0.88	0.06	172.5726	0.53	0.079867939	0.04	567.1	9.1
SFB45_98.FIN2	0.24	58.6	0.73	11.4	20.1	5.95	71.3	24.1	276	90.5	416	104.3	1185	138.9	16950	465	513	0.65	61.23	5.33	16.03	87.01	68.39	233.01	415.52	724.41	1063.45	1670.68	2929.78	4778.23	3645.67	32.80	0.48	0.0002	6.60	15.64621042	1.10	569.3	5.7
SFB45_24.FIN2	46	115	14.2	80	52	8.9	103	25	267	74	303	68	730	74	19800	386	960	125.34	120.17	103.65	112.52	225.11	102.30	336.60	431.03	700.79	869.57	1216.87	1910.11	2943.55	1942.26	1.05	0.37	0.0645	4.20	5.770201055	2.49	570.9	6.5
SFB45_66.FIN2	1.15	37.1	0.53	5.6	9	2.17	33.1	9.44	120.6	43.3	207	56.4	682	88.6	16550	212	402	3.13	38.77	3.87	7.88	38.96	24.94	108.17	162.76	316.54	508.81	831.33	1584.27	2750.00	2325.46	11.13	0.38	0.0013	8.69	21.49820396	1.90	571.0	5.6
SFB45_62.FIN2	-0.000117322	29.7	0.2	3.41	8.1	1.18	44.9	15.4	204	73.8	346	87.5	969	107.2	23220	350	1019	0.00	31.03	1.46	4.80	35.06	13.56	146.73	265.52	535.43	867.22	1389.56	2457.87	3907.26	2813.65	#NUM!	0.19	0.0000	7.30	19.17542044	2.91	578.0	3.9
SFB45_93.FIN2	8.8	55	2.3	15.1	11.8	2.6	42	14.1	181.1	64.4	312	82	980	123.6	16780	254	299	23.98	57.47	16.79	21.24	51.08	29.89	137.25	243.10	475.33	756.76	1253.01	2303.37	3951.61	3244.09	2.86	0.36	0.0074	8.31	23.63554556	1.18	582.6	5.9
SFB45_89.FIN2	-0.000099176	50.9	0.179	3.8	10.5	2.99	45.6	13.9	157	47.6	208	49.8	538	67	19060	203	251	0.00	53.19	1.31	5.34	45.45	34.37	149.02	239.66	412.07	559.34	835.34	1398.88	2169.35	1758.53	#NUM!	0.42	0.0000	5.26	11.80066308	1.24	587.0	6.9
SFB45_25.FIN2	0.075	31.5	0.206	4.74	10.6	0.66	55.6	19.1	235	79	360	83	920	104	22500	411	1050	0.20	32.92	1.50	6.67	45.89	7.59	181.70	329.31	616.80	928.32	1445.78	2331.46	3709.68	2729.66	59.38	0.08	0.0001	6.01	15.02294228	2.55	601.0	3.7
SFB45_37.FIN2	4.2	44.5	3.9	31	27.9	5.9	84	29.2	368	116.9	503	128.2	1385	151.2	24000	612	1690	11.44	46.50	28.47	43.60	120.78	67.82	274.51	503.45	965.88	1373.68	2020.08	3601.12	5584.68	3968.50	2.58	0.37	0.0029	5.78	14.45669291	2.76	610.6	8.5
SFB45_22.FIN2	0.08	80.2	1.64	26.2	39.7	6.5	138	35.8	375	118	467	110.9	1124	124.3	21600	651	640	0.22	83.80	11.97	36.85	171.86	74.71	450.98	617.24	984.25	1386.60	1875.50	3115.17	4532.26	3262.47	51.88	0.27	0.0001	4.60	7.234166381	0.98	611.1	5.6
SFB45_30.FIN2	-0.000138647	22.3	0.18	2.44	5.9	1.06	32.7	10.78	129.8	44.4	201	50.1	538	63.5	23500	181.6	450	0.00	23.30	1.31	3.43	25.54	12.18	106.86	185.86	340.68	521.74	807.23	1407.30	2169.35	1666.67	#NUM!	0.23	0.0000	6.37	15.59633028	2.48	618.0	12.0
SFB45_13.FIN2	-0.000149176	33.3	0.117	2.93	11.8	1.45	53.3	16.8	230	85.7	398	100.7	1116	129.7	26500	588	941	0.00	34.80	0.85	4.12	51.08	16.67	174.18	289.66	603.67	1007.05	1598.39	2828.65	4500.00	3404.20	#NUM!	0.18	0.0000	7.45	19.54380937	1.60	640.6	4.3
SFB45_77.FIN2	0.067	3.97	0.19	3.5	11.2	1.27	76.4	27.6	362	128	537	127.9	1402	161.9	22700	92.9	920	0.18	4.15	1.39	4.92	48.48	14.60	249.67	475.86	950.13	1504.11	2156.63	3592.70	5653.23	4249.34	8.24	0.13	0.0000	5.95	17.0196232	9.90	647.0	4.0
SFB45_27.FIN2	0.21	27.6	0.38	5.27	12.1	2.03	47	19.4	240.4	88.3	393	98.5	1074	125.5	14530	252	322	0.57	28.84	2.77	7.41	52.38	23.33	153.59	334.48	630.97	1037.60	1578.31	2766.85	4330.65	3293.96	22.89	0.26	0.0002	6.86	21.44580332	1.28	670.7	9.6
SFB45_115.FIN2	0.079	6.81	0.095	2.91	5.5	0.18	33.2	10.1	146	50.1	214	51.8	565	65.7	18490	98	230	0.22	7.12	0.69	4.09	23.81	2.07	108.50	174.14	383.20	588.72	859.44	1455.06	2278.23	1724.41	18.42	0.04	0.0001	5.95	15.89365335	2.35	683.4	7.8
SFB45_40.FIN2	0.47	59.6	1.97	49.3	94	8.5	336	107	1100	326	1240	266	2510	257	11810	433	639	1.28	62.28	14.38	69.34	406.93	97.70	1098.04	1844.83	2887.14	3830.79	4979.92	7471.91	10120.97	6745.41	14.51	0.15	0.0002	3.51	6.143138358	1.48	697.3	5.4
SFB45_59.FIN2	116	450	67	320	140	8.4	297	76.8	850	260	1042	225.3	2195	228.8	14260	725	1838	316.08	470.22	489.05	450.07	606.06	96.55	970.59	1324.14	2230.97	3055.23	4184.74	6328.65	8850.81	6005.25	1.20	0.13	0.0526	3.97	6.187226597	2.54	702.0	9.5
SFB45_79.FIN2	0.064	28	0.27	3.64	6.7	1.67	30.1	11.1	135	48.6	217	55.7	677	77.7	22400	163	430	0.17	29.26	1.97	5.12	29.00	19.20	98.37	191.38	354.33	571.09	871.49	1564.61	2729.84	2039.37	49.91	0.36	0.0001	7.70	20.73246658	2.64	720.0	10.0
SFB45_88.FIN2	0.026	2.08	-1.07225E-05	1.52	6.3	0.4	47.8	22.3	287	89.6	381	95.8	1050	120	24430	95	887	0.07	2.17	0.00	2.14	27.27	4.60	156.21	384.48	753.28	1052.88	1530.12	2691.01	4233.87	3149.61	#NUM!	0.07	0.0000	5.62	20.16275162	9.34	774.0	11.0
SFB45_28.FIN2	0.026	20.1	0.099	1.54	2.8	1.05	21.4	6.5	104	36.8	200	52.8	630	79	21300	115	322	0.07	21.00	0.72	2.17	12.12	12.07	69.93	112.07	272.97	432.43	803.21	1483.15	2540.32	2073.49	92.83	0.41	0.0000	9.31	29.64898079	2.80	791.0	7.0
SFB45_94.FIN2	0.9	60	0.73	9.5	15	2.3	59	22.4	305	115	564	146	1720	199	19380	480	647	2.45	62.70	5.33	13.36	64.94	26.44	192.81	386.21	800.52	1351.35	2265.06	4101.12	6935.48	5223.10	17.34	0.24	0.0005	8.66	27.08928333	1.35	819.0	10.0
SFB45_109.FIN2	0.041	4.47	0.23	3.63	7.4	1.23	41	13.7	172	60	247	57	580	65	15800	97	422	0.11	4.67	1.68	5.11	32.03	14.14	133.99	236.21	451.44	705.05	991.97	1601.12	2338.71	1706.04	10.79	0.22	0.0001	5.18	12.73285961	4.35	834.0	11.0
SFB45_104.FIN2	-0.000089621	55.6	0.103	3.33	8.3	1.23	33	12.6	176	61.9	285	75	810	100.4	18540	143	272	0.00	58.10	0.75	4.68	35.93	14.14	107.84	217.24	461.94	727.38	1144.58	2106.74	3266.13	2635.17	#NUM!	0.23	0.0000	7.07	24.43521832	1.90	942.0	12.0
SFB45_01.FIN2	-0.000157134	19.5	0.06	1.1	1.95	0.66	8.5	3.46	53	19.3	116	36	478	67.5	21300	114	302	0.00	20.38	0.44	1.55	8.44	7.59	27.78	59.66	139.11	226.79	465.86	1011.24	1927.42	1771.65	#NUM!	0.50	0.0000	13.86	63.77952756	2.65	978.0	12.0
SFB45_86.FIN2	-0.000101372	22.6	0.158	4.53	8.3	1	43.1	15.5	200	68.2	303	78.1	849	97.8	23100	63.9	141	0.00	23.62	1.15	6.37	35.93	11.49	140.85	267.24	524.93	801.41	1216.87	2193.82	3423.39	2566.93	#NUM!	0.16	0.0000	6.52	18.22460128	2.21	983.0	26.0
SFB45_34.FIN2	0.065	32	0.29	7.87	20.4	1.77	99.4	35.6	430	146.3	647	151.1	1646	180.9	23600	434	665	0.18	33.44	2.12	11.07	88.31	20.34	324.84	613.79	1128.61	1719.15	2598.39	4244.38	6637.10	4748.03	54.61	0.12	0.0000	5.88	14.61667644	1.53	1033.0	15.0
SFB45_11.FIN2	0.042	87.9	0.34	8.3	7.4	2.07	32.8	7.5	92	30.3	143	35.8	397	48.4	15800	213	182	0.11	91.85	2.48	11.67	32.03	23.79	107.19	129.31	241.47	356.05	574.30	1005.62	1600.81	1270.34	172.35	0.41	0.0001	6.63	11.85135395	0.85	1051.0	24.0
SFB45_26.FIN2	8.1	34.4	9.6	63	53	16.9	125	36.4	344	95	435	96.7	1020	108.8	21600	294	854	22.07	35.95	70.07	88.61	229.44	194.25	408.50	627.59	902.89	1116.33	1746.99	2716.29	4112.90	2855.64	0.91	0.63	0.0077	4.56	6.990614173	2.90	1163.9	8.5
SFB45_102.FIN2	0.1	9.34	0.28	4.13	8.2	1.93	44.4	16.5	223	77	362	88	983	104	14390	162	760	0.27	9.76	2.04	5.81	35.50	22.18	145.10	284.48	585.30	904.82	1453.82	2471.91	3963.71	2729.66	13.08	0.31	0.0001	6.77	18.8125133	4.69	1174.0	25.0
SFB45_18.FIN2	0.052	11.44	0.87	13.4	21.3	1.02	88	28.5	328	106	442	101	1035	116	18300	298	446	0.14	11.95	6.35	18.85	92.21	11.72	287.58	491.38	860.89	1245.59	1775.10	2837.08	4173.39	3044.62	12.60	0.07	0.0000	4.85	10.58697208	1.50	1182.7	7.8
SFB45_16.FIN2	-0.000147949	14.1	0.157	2.68	6.4	0.55	45.9	17.2	236	85.7	371	93.1	1029	116.2	19800	159	454	0.00	14.73	1.15	3.77	27.71	6.32	150.00	296.55	619.42	1007.05	1489.96	2615.17	4149.19	3049.87	#NUM!	0.10	0.0000	6.70	20.33245844	2.86	1243.0	13.0
SFB45_29.FIN2	10	32.8	1.8	12	4.6	1.06	19.4	6.7	93	33.1	153	40	450	59.8	19700	102.3	382	27.25	34.27	13.14	16.88	19.91	12.18	63.40	115.52	244.09	388.95	614.46	1123.60	1814.52	1569.55	1.81	0.34	0.0174	7.43	24.75687962	3.73	1500.0	11.0
SFB45_107.FIN2	0.092	40.1	0.164	2.98	3.63	0.72	25.5	9.14	140	54.6	274.2	76.3	888	100.4	30100	332.6	1338	0.25	41.90	1.20	4.19	15.71	8.28	83.33	157.59	367.45	641.60	1101.20	2143.26	3580.65	2635.17	76.49	0.23	0.0001	9.74	31.62204724	4.02	1576.6	6.1
SFB45_91.FIN2	0.2	42.8	0.39	6.2	10.8	2.64	50.4	17.3	214	73.1	338	81.1	883	101.5	16110	207	268	0.54	44.72	2.85	8.72	46.75	30.34	164.71	298.28	561.68	858.99	1357.43	2278.09	3560.48	2664.04	35.91	0.35	0.0002	6.34	16.17454068	1.29	1757.2	9.2
SFB45_43.FIN2	0.9	11.3	0.23	3.15	5.4	0.48	23.8	6.46	84.3	28	123	28.6	307	34.4	14390	88.8	147.9	2.45	11.81	1.68	4.43	23.38	5.52	77.78	111.38	221.26	329.02	493.98	803.37	1237.90	902.89	5.82	0.13	0.0027	5.59	11.60854893	1.67	1835.0	16.0
SFB45_21.FIN2	0.52	115	0.3	7	13.8	4.39	89	25.4	331	118	560	137	1600	178	15700	382	294	1.42	120.17	2.19	9.85	59.74	50.46	290.85	437.93	868.77	1386.60	2249.00	3848.31	6451.61	4671.92	68.22	0.38	0.0003	7.43	16.06299213	0.77	1863.7	7.6
SFB45_31.FIN2	0.075	3.81	0.29	8.29	20.6	0.65	104.6	43	521	176.6	704	147.6	1409	138.4	20000	153	449	0.20	3.98	2.12	11.66	89.18	7.47	341.83	741.38	1367.45	2075.21	2827.31	4146.07	5681.45	3632.55	6.05	0.04	0.0001	4.15	10.62675961	2.93	2179.7	5.8
SFB45_106.FIN2	0.24	138	1.37	18.4	35.3	9	124	35.8	429	142	637	152	1710	200	15040	990	790	0.65	144.20	10.00	25.88	152.81	103.45	405.23	617.24	1125.98	1668.63	2558.23	4269.66	6895.16	5249.34	56.39	0.42	0.0001	6.12	12.95402591	0.80	2472.8	5.2
SFB45_14.FIN2	-0.000148768	34	0.06	0.72	1.34	0.41	9.8	3.76	50	18.5	98.2	26.9	354	44.4	21800	148	170	0.00	35.53	0.44	1.01	5.80	4.71	32.03	64.83	131.23	217.39	394.38	755.62	1427.42	1165.35	#NUM!	0.35	0.0000	10.88	36.38759441	1.15	2708.4	6.6