Supplementary Data

Seismic Reflection Data
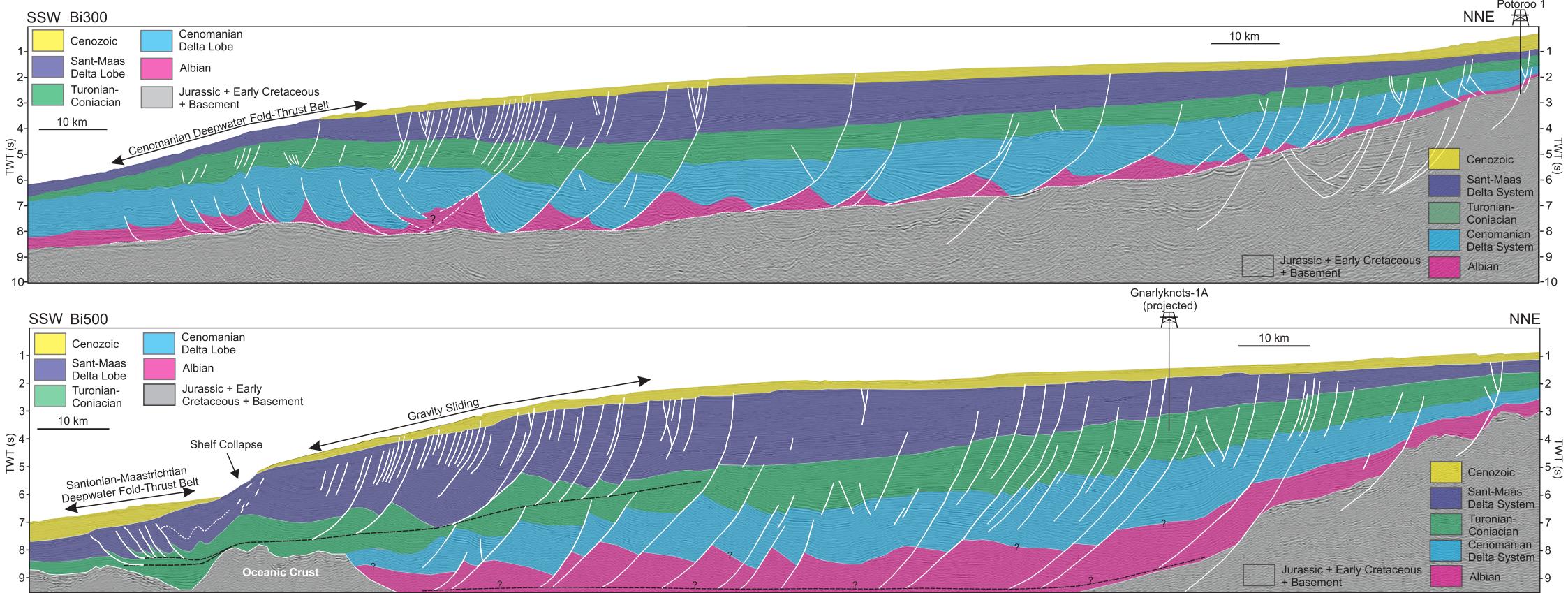
Fig. 1. Two dimensional seismic reflection data from the western (top) and eastern (bottom) Ceduna Sub-basin delta system showing two separate delta deepwater fold-thrust belt systems with extensional faults on the delta top(s) and thrust faults in the delta toe(s). Of particular importance is the Santonian-Maastrichtian delta system (purple) which is thicker in the east where it developed a deepwater fold-thrust belt (bottom) and the Cenomanian delta system (blue) which is better preserved in the west (top). Here, the system developed a deepwater fold-thrust belt whereas in the east the deepwater fold-thrust belt was likely uplifted by oceanic crust and eroded prior to deposition of the Santonian-Maastrichtian delta system leaving only the delta top faults preserved. The projected position of Gnarlyknots-1A is illustrated on the eastern seismic line where it penetrated the Santonian-Maastrichtian delta top and was abandoned within the Coniacian-Turonian section (green) before penetrating the older Cenomanian delta top. Potoroo-1 well (top) penetrated the entire section from Cenozoic to basement however limited sample material was available and thus insufficient sample size prevented U-Pb or ZFT dating in this study.

Supplementary Data

U-Pb LA-ICP-MS Data

Sample_Grain #	Pb207/Pb206	±1σ	Pb208/Th232	±1σ	Pb207/U235	±1σ	Pb206/U238	±1σ	rho	Conc. (%)	Pb207/Pb206	±1σ	Pb206/U238	±1σ	Pb207/U235	±1σ	Pb208/Th232	±1σ	Age
74317_01	0.05193	0.00249	0.01404	0.00091	0.28885	0.01354	0.04034	0.00082	0.433642	101	282.5	106.18	255	5.06	257.7	10.67	281.9	18.1	255
74317_02	0.05533	0.00193	0.02123	0.00121	0.48116	0.01669	0.06307	0.00112	0.511951	101	425.5	75.66	394.3	6.78	398.9	11.44	424.6	24	394.3
74317_03	0.04979	0.01354	0.00597	0.00109	0.1462	0.03855	0.0213	0.00148	0.263515	102	185.2	534	135.9	9.34	138.6	34.15	120.3	21.91	135.9
74317_04	0.05264	0.00286	0.01633	0.00113	0.36102	0.0191	0.04974	0.00106	0.402808	100	313.4	118.74	312.9	6.54	313	14.25	327.3	22.49	312.9
74317_05	0.06231	0.00311	0.0331	0.00227	0.94483	0.0457	0.10999	0.00241	0.453003	100	684.7	102.98	672.7	13.97	675.4	23.86	658.1	44.44	672.7
74317_06	0.05591	0.00217	0.01115	0.00067	0.25372	0.00969	0.03292	0.00061	0.485178	110	448.5	83.73	208.8	3.82	229.6	7.85	224.2	13.38	208.8
74317_07	0.07808	0.00196	0.06642	0.00419	2.02596	0.05231	0.18821	0.00311	0.639976	97	1148.9	49.06	1111.7	16.89	1124.3	17.55	1299.9	79.34	1148.9
74317_08	0.0569	0.00222	0.03159	0.00239	0.64844	0.02497	0.08267	0.00156	0.490036	99	486.9	84.57	512	9.27	507.5	15.38	628.6	46.81	512
74317_09	0.05608	0.0024	0.02928	0.00224	0.66111	0.02777	0.08551	0.00168	0.467725	97	455.1	92.65	528.9	9.99	515.3	16.98	583.4	43.99	528.9
74317_10	0.05519	0.00206	0.01432	0.00108	0.29942	0.01108	0.03935	0.00072	0.494457	107	419.8	81.04	248.8	4.47	265.9	8.66	287.3	21.53	248.8
74317_11	0.0577	0.00492	0.0076	0.00165	0.35548	0.0291	0.04469	0.00136	0.37175	110	518	177.37	281.8	8.39	308.8	21.8	153.1	33.09	281.8
74317_12	0.05664	0.00322	0.01562	0.00138	0.35858	0.01971	0.04592	0.00105	0.415994	108	477	121.54	289.4	6.49	311.2	14.73	313.2	27.43	289.4
74317_13	0.05968	0.00152	0.02553	0.00225	0.70808	0.01869	0.08607	0.0014	0.616239	102	591.8	54.41	532.2	8.3	543.6	11.11	509.6	44.25	532.2
74317_14	0.05939	0.00252	0.02762	0.00259	0.65953	0.02747	0.08055	0.0016	0.476903	103	581.4	89.67	499.4	9.53	514.3	16.81	550.6	50.92	499.4
74317_15	0.05227	0.00172	0.0215	0.00201	0.42134	0.01394	0.05847	0.00102	0.527275	97	297.2	73.36	366.3	6.23	357	9.96	430	39.81	366.3
74317_16	0.05164	0.00519	0.00975	0.00079	0.17741	0.01724	0.02492	0.00079	0.326227	104	269.3	214.92	158.7	4.94	165.8	14.86	196.1	15.86	158.7
74317_17	0.09865	0.00347	0.09558	0.00664	3.30906	0.11402	0.24327	0.00486	0.579791	88	1598.7	64.3	1403.7	25.22	1483.2	26.87	1845.1	122.54	1598.7
577317_18	0.05913	0.00154	0.03416	0.00223	0.76444	0.02042	0.09375	0.00151	0.602967	100	571.9	55.51	577.7	8.87	576.6	11.75	679	43.5	577.7
74317_19	0.05146	0.00604	0.0156	0.00192	0.35063	0.03951	0.04942	0.00187	0.3358	98	261.3	248.75	310.9	11.49	305.2	29.7	312.8	38.3	310.9
74317_20	0.05111	0.00328	0.01302	0.00111	0.25663	0.01597	0.03641	0.00085	0.375146	101	246	141.19	230.5	5.28	231.9	12.9	261.5	22.1	230.5
74317_21	0.04983	0.00217	0.01332	0.00107	0.27253	0.01165	0.03966	0.00075	0.442381	98	187.1	98.22	250.7	4.67	244.7	9.3	267.4	21.36	250.7
74317_22	0.0527	0.00303	0.00762	0.00063	0.17229	0.0096	0.02371	0.00053	0.401174	107	315.9	125.32	151	3.32	161.4	8.31	153.4	12.59	151
74317_23	0.05124	0.0035	0.01013	0.00095	0.23574	0.01558	0.03336	0.00082	0.371924	102	251.7	150.12	211.6	5.15	214.9	12.8	203.6	19.08	211.6
74317_24	0.05333	0.00829	0.00472	0.0007	0.11902	0.01782	0.01619	0.00074	0.305279	110	342.6	318.1	103.5	4.67	114.2	16.17	95.2	14.03	103.5
74317_25	0.05152	0.00258	0.01557	0.00141	0.32251	0.01574	0.0454	0.00093	0.419726	99	263.9	110.81	286.2	5.73	283.8	12.08	312.3	28.06	286.2
74317_26	0.11543	0.00326	0.08649	0.00786	4.24276	0.12075	0.26655	0.00454	0.598465	81	1886.6	50.03	1523.3	23.09	1682.3	23.39	1676.7	146.28	1886.6
74317_27	0.05941	0.00188	0.02574	0.00251	0.67866	0.02151	0.08285	0.0014	0.533147	103	582	67.31	513.1	8.35	526	13.01	513.6	49.55	513.1
74317_28	0.05265	0.00246	0.00983	0.00098	0.21893	0.00998	0.03015	0.0006	0.436555	105	313.9	102.84	191.5	3.73	201	8.32	197.7	19.52	191.5
74317_29	0.20753	0.00713	0.07964	0.00886	7.18946	0.23847	0.25127	0.00506	0.607117	50	2886.3	54.7	1445	26.08	2135.2	29.57	1548.9	165.89	2886.3
74317_30	0.06072	0.00306	0.03057	0.00327	0.82838	0.04043	0.09895	0.00211	0.436911	101	629.3	104.94	608.3	12.4	612.7	22.45	608.7	64.19	608.3
74317_31	0.04807	0.00561	0.00713	0.00065	0.13268	0.0149	0.02001	0.00074	0.329309	99	102.9	254.89	127.7	4.65	126.5	13.36	143.5	13	127.7

74317_32	0.05525	0.00575	0.00922	0.00094	0.1964	0.01952	0.02577	0.00093	0.363103	111	422.3	217.06	164	5.82	182.1	16.57	185.4	18.75	**164**
74317_33	0.05865	0.00151	0.0246	0.00191	0.66311	0.01762	0.08198	0.00134	0.615144	102	554.3	55.09	507.9	7.98	516.5	10.76	491.1	37.77	**507.9**
74317_34	0.05081	0.00293	0.01329	0.00099	0.28257	0.01583	0.04032	0.00092	0.407298	99	232.2	127.85	254.8	5.68	252.7	12.53	266.9	19.67	**254.8**
74317_35	0.06006	0.00244	0.02799	0.00233	0.80105	0.03205	0.0967	0.0019	0.491087	100	605.9	85.55	595	11.16	597.4	18.07	557.9	45.78	**595**
74317_36	0.05345	0.00316	0.01225	0.00097	0.26567	0.01522	0.03604	0.00084	0.406839	105	347.8	127.67	228.2	5.23	239.2	12.21	246.1	19.39	**228.2**
74317_37	0.08162	0.00691	0.05823	0.00603	2.41578	0.19405	0.21461	0.00783	0.454209	101	1236.3	157.69	1253.4	41.55	1247.3	57.68	1143.9	115.15	**1236.3**
74317_38	0.05141	0.00257	0.01434	0.00126	0.34627	0.01697	0.04884	0.00104	0.434501	98	259.1	111	307.4	6.38	301.9	12.8	287.9	25.02	**307.4**
74317_39	0.05682	0.00244	0.02909	0.00258	0.72235	0.03059	0.09218	0.00186	0.47648	97	484	92.8	568.4	10.98	552.1	18.03	579.6	50.75	**568.4**
74317_40	0.05514	0.00379	0.0302	0.00292	0.73113	0.04867	0.09615	0.00254	0.396842	94	417.7	146.87	591.8	14.94	557.2	28.55	601.4	57.37	**591.8**
74317_41	0.05814	0.00226	0.01293	0.0045	0.71862	0.02776	0.08963	0.00175	0.505434	99	534.5	83.3	553.3	10.33	549.9	16.4	259.6	89.72	**553.3**
74317_42	0.06329	0.00316	0.03338	0.00361	0.98034	0.04775	0.11232	0.00254	0.46428	101	718	102.52	686.2	14.71	693.8	24.48	663.7	70.56	**686.2**
74317_43	0.0458	0.00287	0.01615	0.00172	0.31712	0.01942	0.05021	0.0012	0.39027	89	0.1	132.09	315.8	7.37	279.7	14.97	323.9	34.21	**315.8**
74317_44	0.05417	0.00312	0.00858	0.00174	0.28747	0.01613	0.03848	0.00091	0.421468	105	378.1	124.12	243.4	5.63	256.6	12.72	172.7	34.96	**243.4**
74317_45	0.05042	0.00228	0.01429	0.00159	0.3618	0.01627	0.05204	0.00108	0.461496	96	214.5	101.59	327	6.61	313.6	12.13	286.8	31.61	**327**
74317_46	0.04985	0.00202	0.00796	0.00058	0.1719	0.0069	0.02503	0.00046	0.457851	101	187.9	91.84	159.3	2.88	161.1	5.98	160.3	11.59	**159.3**
74317_47	0.04911	0.00583	0.00646	0.00059	0.14695	0.01675	0.02171	0.00083	0.335408	101	153.2	256.72	138.5	5.22	139.2	14.82	130.2	11.86	**138.5**
74317_48	0.05203	0.00281	0.01351	0.0011	0.30268	0.01592	0.04222	0.00091	0.409792	101	286.5	119	266.6	5.61	268.5	12.41	271.2	21.88	**266.6**
74317_49	0.04849	0.00853	0.00878	0.00161	0.22652	0.03836	0.0339	0.00174	0.303094	96	123.3	368.28	214.9	10.87	207.3	31.76	176.8	32.26	**214.9**
74317_50	0.05687	0.00177	0.02849	0.0034	0.69281	0.02178	0.08842	0.00146	0.525241	98	485.9	67.85	546.2	8.66	534.5	13.07	567.8	66.73	**546.2**
74317_51	0.05073	0.00171	0.01511	0.00142	0.33589	0.01135	0.04806	0.00081	0.498772	97	228.5	76.04	302.6	4.96	294	8.63	303	28.21	**302.6**
74317_52	0.05862	0.00326	0.0277	0.00334	0.65789	0.03544	0.08146	0.00184	0.419308	102	553	117.12	504.8	11	513.3	21.71	552.2	65.76	**504.8**
74317_53	0.13717	0.00426	0.11228	0.01211	7.37948	0.22872	0.39047	0.00681	0.562705	97	2191.7	52.97	2125	31.58	2158.5	27.72	2150.9	219.99	**2191.7**
74317_54	0.09625	0.003	0.07412	0.00855	3.15717	0.0983	0.23807	0.00396	0.534238	89	1552.6	57.49	1376.6	20.62	1446.8	24.01	1445.2	160.94	**1552.6**
74317_55	0.05603	0.00302	0.01189	0.00147	0.27519	0.01431	0.03564	0.00077	0.415476	109	453.3	115.77	225.8	4.79	246.8	11.4	238.8	29.35	**225.8**
74317_56	0.05981	0.00211	0.02995	0.00383	0.75549	0.02617	0.09166	0.00156	0.491326	101	596.8	74.81	565.3	9.23	571.4	15.14	596.5	75.11	**565.3**
74317_57	0.04973	0.00327	0.01304	0.00184	0.26525	0.01674	0.0387	0.00092	0.376684	98	182.5	146.21	244.8	5.72	238.9	13.44	262	36.65	**244.8**
74317_58	0.04916	0.0033	0.01342	0.00198	0.25481	0.0164	0.0376	0.00092	0.380165	97	155.6	150.22	237.9	5.69	230.5	13.27	269.5	39.45	**237.9**
74317_59	0.04922	0.0033	0.01299	0.00195	0.24543	0.01573	0.03617	0.00088	0.379606	97	158.1	149.95	229.1	5.46	222.9	12.82	260.9	38.92	**229.1**
74317_60	0.04785	0.00392	0.00743	0.0012	0.14617	0.0114	0.02215	0.00062	0.358898	98	90.8	184.25	141.3	3.9	138.5	10.1	149.7	24.08	**141.3**
74317_71	0.15994	0.00905	0.11671	0.03011	9.65061	0.53084	0.4377	0.01047	0.434872	95	2455	92.63	2340.3	46.95	2402	50.61	2231.2	545.05	**2455**
74317_72	0.08154	0.00731	0.07351	0.01932	2.19548	0.18748	0.1953	0.00709	0.425127	93	1234.6	166.46	1150	38.23	1179.6	59.57	1433.8	363.68	**1234.6**
74317_73	0.06008	0.00386	0.03406	0.00895	0.7314	0.04543	0.0883	0.00229	0.417529	102	606.5	133.35	545.5	13.55	557.4	26.65	677	174.95	**545.5**
74317_74	0.09869	0.00647	0.09978	0.02648	3.66213	0.23097	0.26917	0.00738	0.434718	96	1599.5	117.69	1536.6	37.47	1563.2	50.3	1922.3	486.7	**1599.5**

74317_75	0.07514	0.00466	0.06704	0.01787	1.93943	0.11608	0.18723	0.00474	0.42298	103	1072.2	119.81	1106.4	25.74	1094.8	40.1	1311.6	338.58	**1072.2**
74317_76	0.09358	0.00584	0.08301	0.0223	2.76186	0.16624	0.21408	0.00544	0.422172	83	1499.6	113.68	1250.5	28.87	1345.3	44.87	1611.8	416.15	**1499.6**
74317_77	0.07256	0.00518	0.05052	0.01384	1.6069	0.10998	0.16065	0.00456	0.414724	101	1001.6	138.59	960.4	25.31	972.9	42.84	996.1	266.2	**960.4**
74317_78	0.11515	0.00765	0.09952	0.02715	4.58138	0.29183	0.2886	0.00779	0.423748	87	1882.2	115.08	1634.5	38.95	1745.9	53.09	1917.6	499.18	**1882.2**
74317_79	0.05368	0.00397	0.01657	0.00456	0.37661	0.02669	0.05089	0.00144	0.399276	101	357.6	158.67	320	8.81	324.5	19.69	332.2	90.59	**320**
74317_80	0.05405	0.0044	0.01442	0.00404	0.29413	0.02292	0.03947	0.00119	0.386905	105	373	173.82	249.6	7.38	261.8	17.98	289.4	80.51	**249.6**
74318_01	0.06082	0.00361	0.00929	0.0007	0.27115	0.0155	0.03228	0.00075	0.406449	119	633	122.93	204.8	4.67	243.6	12.38	186.9	14.08	**204.8**
74318_02	0.05432	0.00239	0.01266	0.00069	0.31493	0.0136	0.04202	0.00074	0.407803	105	384.4	95.3	265.3	4.56	278	10.5	254.3	13.77	**265.3**
74318_03	0.05253	0.00129	0.01572	0.00081	0.37466	0.00938	0.0517	0.00075	0.579436	99	308.5	54.88	325	4.59	323.1	6.93	315.3	16.05	**325**
74318_04	0.06119	0.00533	0.00505	0.00046	0.12455	0.01048	0.01474	0.00041	0.330574	126	646.1	176.76	94.3	2.62	119.2	9.46	101.9	9.35	**94.3**
74318_05	0.06404	0.00161	0.01378	0.00094	0.58962	0.01522	0.06669	0.00103	0.598321	113	742.8	52.31	416.2	6.24	470.6	9.72	276.7	18.82	**416.2**
74318_06	0.05119	0.00142	0.01193	0.00065	0.27476	0.00772	0.0389	0.00059	0.539807	100	249.4	62.52	246	3.64	246.5	6.15	239.8	13.08	**246**
74318_07	0.04402	0.00336	0.00461	0.00033	0.09388	0.00708	0.01546	0.00031	0.265884	92	0.1	67.78	98.9	1.99	91.1	6.57	93	6.65	**98.9**
74318_08	0.07592	0.00221	0.04894	0.0047	1.80496	0.05403	0.17222	0.00296	0.57417	94	1092.9	57.35	1024.3	16.27	1047.3	19.56	965.8	90.55	**1092.9**
74318_09	0.06432	0.00233	0.0239	0.00208	0.78884	0.02843	0.08885	0.00159	0.496537	108	752.3	74.81	548.7	9.4	590.5	16.14	477.3	40.96	**548.7**
74318_10	0.0635	0.0013	0.04694	0.00354	0.71467	0.0159	0.08156	0.00122	0.672343	108	724.9	42.96	505.4	7.3	547.5	9.41	927.2	68.31	**505.4**
74318_11	0.10303	0.00345	0.01388	0.00093	0.48353	0.01588	0.03402	0.00061	0.54597	186	1679.5	60.45	215.6	3.78	400.5	10.87	278.6	18.57	**215.6**
73318_12	0.05305	0.00184	0.01222	0.00086	0.2936	0.01026	0.04011	0.00066	0.470869	103	331	76.9	253.5	4.12	261.4	8.05	245.5	17.13	**253.5**
74318_13	0.05348	0.00248	0.01243	0.00136	0.36635	0.0167	0.04964	0.00094	0.415409	101	349	101.2	312.3	5.79	316.9	12.41	249.6	27.05	**312.3**
74318_14	0.05684	0.00297	0.00561	0.00055	0.13673	0.00704	0.01744	0.00036	0.40091	117	484.5	112.14	111.5	2.29	130.1	6.29	113	11.13	**111.5**
74318_15	0.05431	0.00203	0.01785	0.00203	0.44026	0.01627	0.0588	0.00107	0.492411	101	383.9	81.28	368.3	6.49	370.4	11.47	357.6	40.39	**368.3**
74318_16	0.0631	0.00252	0.00746	0.00092	0.21166	0.0083	0.02433	0.00046	0.482144	126	711.6	82.67	155	2.9	194.9	6.95	150.2	18.52	**155**
74318_17	0.09392	0.00302	0.06981	0.00818	3.25254	0.10409	0.25119	0.00443	0.55108	96	1506.6	59.49	1444.6	22.83	1469.8	24.85	1363.9	154.59	**1506.6**
74318_18	0.05303	0.0032	0.01545	0.00273	0.32855	0.01916	0.04494	0.00106	0.404463	102	329.8	130.5	283.4	6.55	288.5	14.65	309.9	54.25	**283.4**
74318_19	0.11053	0.00434	0.08235	0.01252	4.71976	0.1824	0.30973	0.00607	0.507108	96	1808.1	69.71	1739.4	29.86	1770.8	32.38	1599.5	233.9	**1808.1**
74318_20	0.05015	0.00198	0.00519	0.00053	0.11873	0.00462	0.01717	0.0003	0.449024	104	202	89.01	109.7	1.88	113.9	4.19	104.6	10.68	**109.7**
74318_21	0.05032	0.00194	0.01195	0.00168	0.28243	0.01074	0.04072	0.00076	0.490809	98	209.7	86.92	257.3	4.7	252.6	8.5	240.1	33.63	**257.3**
74318_22	0.05081	0.00584	0.01221	0.00287	0.28699	0.03174	0.04096	0.00152	0.335539	99	232.2	244.86	258.8	9.39	256.2	25.04	245.3	57.25	**258.8**
74318_23	0.04863	0.002	0.00549	0.00071	0.11581	0.00467	0.01727	0.00032	0.459501	101	130.2	93.75	110.4	2.03	111.3	4.25	110.6	14.3	**110.4**
74318_24	0.05777	0.00221	0.00545	0.00058	0.13222	0.00497	0.0166	0.00029	0.464762	119	521	82.01	106.1	1.84	126.1	4.45	109.9	11.56	**106.1**
777318_25	0.05715	0.0045	0.01175	0.00258	0.34658	0.02623	0.04401	0.00129	0.387296	109	496.8	165.07	277.6	7.97	302.1	19.78	236.1	51.63	**277.6**
74318_26	0.05884	0.00276	0.02969	0.00336	0.75109	0.03437	0.09257	0.00176	0.415485	100	561.3	98.91	570.7	10.39	568.9	19.93	591.4	65.95	**570.7**
74318_27	0.08066	0.00259	0.05661	0.00622	2.16234	0.06865	0.19441	0.00329	0.533041	94	1213.2	61.79	1145.2	17.77	1169	22.04	1113.1	119	**1213.2**

74318_28	0.05205	0.00195	0.01564	0.00178	0.36555	0.01347	0.05094	0.00088	0.468817	99	287.5	83.32	320.3	5.37	316.3	10.02	313.7	35.38	**320.3**
74318_29	0.06845	0.00474	0.03064	0.00742	1.03189	0.069	0.10938	0.003	0.410174	108	882.2	137.11	669.1	17.43	719.9	34.48	610	145.47	**669.1**
74318_30	0.11992	0.00635	0.08918	0.01995	4.93885	0.25517	0.29865	0.00682	0.441996	86	1955	91.62	1684.6	33.85	1808.9	43.63	1726.6	370.23	**1955**
74318_31	0.0628	0.00394	0.03073	0.00851	0.89983	0.05486	0.10391	0.0026	0.410413	102	701.6	128.23	637.3	15.19	651.6	29.32	611.7	166.79	**637.3**
74318_32	0.0572	0.0028	0.02367	0.00498	0.62122	0.0298	0.07877	0.00164	0.434022	100	498.9	105.01	488.8	9.83	490.6	18.66	472.9	98.42	**488.8**
74318_33	0.05142	0.00333	0.00607	0.00133	0.14661	0.00925	0.02068	0.00048	0.367885	105	259.7	142.43	132	3.05	138.9	8.19	122.3	26.64	**132**
74318_34	0.05658	0.00328	0.02309	0.00532	0.58411	0.03292	0.07488	0.00171	0.405196	100	474.6	124.12	465.5	10.26	467.1	21.1	461.4	105.07	**465.5**
74318_35	0.05128	0.00273	0.01202	0.00262	0.281	0.01455	0.03974	0.00086	0.41794	100	253.5	117.81	251.2	5.35	251.5	11.53	241.4	52.41	**251.2**
74318_36	0.05354	0.00332	0.01752	0.00408	0.41714	0.02507	0.05651	0.00132	0.388666	100	351.6	133.68	354.4	8.08	354	17.96	351	81.08	**354.4**
74318_37	0.07641	0.00414	0.05113	0.01213	1.8146	0.09537	0.17225	0.00381	0.420857	93	1105.8	104.68	1024.5	20.95	1050.7	34.41	1007.8	233.25	**1105.8**
74318_38	0.07856	0.00416	0.05474	0.01289	1.81054	0.093	0.16716	0.00362	0.421601	105	1161.1	101.56	996.5	20.02	1049.3	33.6	1077.2	247.07	**996.5**
74318_39	0.05976	0.0031	0.02983	0.00666	0.83538	0.04207	0.10139	0.00218	0.426946	99	594.7	108.99	622.5	12.75	616.6	23.27	594.2	130.69	**622.5**
74318_40	0.05878	0.00308	0.02657	0.00588	0.72905	0.03706	0.08997	0.00194	0.424186	100	559	110.41	555.3	11.49	556	21.76	530	115.84	**555.3**
74318_41	0.05117	0.00281	0.01332	0.00304	0.3042	0.01615	0.04312	0.00095	0.414984	99	248.3	121.48	272.2	5.87	269.7	12.58	267.4	60.67	**272.2**
74318_42	0.07671	0.00211	0.04443	0.00216	1.80238	0.0483	0.17053	0.00283	0.619277	91	1113.6	53.85	1015	15.58	1046.3	17.5	878.7	41.87	**1113.6**
74318_43	0.05953	0.00103	0.02838	0.00131	0.8022	0.0146	0.09779	0.00134	0.752905	99	586.5	37.09	601.4	7.88	598.1	8.22	565.6	25.67	**601.4**
74318_44	0.1654	0.00289	0.05114	0.00297	4.15331	0.07749	0.18221	0.00265	0.779511	43	2511.7	29.05	1079.1	14.44	1664.9	15.27	1008.1	57.15	**2511.7**
74318_45	0.07763	0.00143	0.03725	0.0022	1.72423	0.03387	0.16116	0.00236	0.745478	106	1137.5	36.28	963.2	13.1	1017.6	12.63	739.2	42.93	**963.2**
74318_46	0.05782	0.0021	0.03343	0.002	0.60323	0.02101	0.0757	0.00139	0.5272	102	522.6	77.84	470.4	8.34	479.3	13.31	664.7	39.1	**470.4**
74318_47	0.06333	0.00298	0.01131	0.00084	0.30903	0.01381	0.0354	0.00079	0.49938	122	719.2	96.9	224.3	4.93	273.4	10.72	227.4	16.84	**224.3**
74318_49	0.05185	0.00182	0.0122	0.00075	0.29307	0.01005	0.041	0.00072	0.512099	101	278.9	78.47	259	4.43	261	7.89	245	14.92	**259**
74318_50	0.10566	0.00352	0.06397	0.00724	3.65315	0.12136	0.25079	0.00503	0.60374	84	1725.9	59.92	1442.5	25.9	1561.2	26.48	1253.3	137.51	**1725.9**
74318_51	0.05988	0.00219	0.02443	0.00185	0.68522	0.02442	0.083	0.00158	0.53415	103	599.2	77.34	514	9.4	529.9	14.71	487.9	36.42	**514**
74318_52	0.05654	0.00154	0.016	0.00117	0.39375	0.01075	0.05051	0.00083	0.601884	106	472.7	59.54	317.7	5.09	337.1	7.83	320.7	23.24	**317.7**
74318_53	0.06804	0.00168	0.03561	0.00308	1.11533	0.0285	0.11889	0.00196	0.645163	105	869.7	50.46	724.2	11.32	760.7	13.68	707.2	60.06	**724.2**
74318_54	0.05154	0.00154	0.01132	0.00121	0.28819	0.00844	0.04055	0.00068	0.572604	100	264.9	67.34	256.2	4.22	257.1	6.66	227.6	24.15	**256.2**
74318_55	0.05265	0.0023	0.01058	0.00139	0.2994	0.01256	0.04122	0.00086	0.497339	102	313.9	96.46	260.4	5.34	265.9	9.81	212.7	27.88	**260.4**
74318_56	0.08643	0.00383	0.05142	0.00799	2.2841	0.09607	0.19161	0.00436	0.540998	84	1347.7	83.18	1130.1	23.57	1207.4	29.7	1013.4	153.63	**1347.7**
74318_57	0.06057	0.00184	0.02229	0.00277	0.76408	0.02263	0.09147	0.00159	0.586912	102	624.1	64.14	564.2	9.39	576.4	13.02	445.6	54.67	**564.2**
74318_58	0.07806	0.00219	0.05298	0.0062	2.0803	0.05694	0.19329	0.00319	0.602962	99	1148.3	54.8	1139.2	17.25	1142.3	18.77	1043.5	119.01	**1148.3**
74318_59	0.15733	0.00714	0.0828	0.01437	6.29646	0.27081	0.2902	0.00661	0.529585	68	2427.2	74.96	1642.5	33.02	2018	37.69	1608	268.19	**2427.2**
74318_60	0.07468	0.00217	0.04758	0.00588	1.78745	0.05047	0.17359	0.00291	0.593703	97	1059.9	57.47	1031.8	15.96	1040.9	18.39	939.6	113.44	**1059.9**
74318_61	0.06638	0.00317	0.01207	0.00158	0.36684	0.01656	0.04008	0.0009	0.497429	125	818.5	96.81	253.3	5.56	317.3	12.3	242.5	31.62	**253.3**

74318_62	0.04808	0.002	0.00539	0.00065	0.13122	0.00524	0.0198	0.00038	0.480604	99	103	95.47	126.4	2.4	125.2	4.71	108.6	13.08	**126.4**
74318_63	0.05487	0.00209	0.02311	0.00282	0.63466	0.02319	0.08389	0.00157	0.512189	96	406.8	82.44	519.3	9.37	499	14.4	461.9	55.73	**519.3**
74318_64	0.04744	0.00297	0.00912	0.00127	0.21976	0.01321	0.0336	0.0008	0.396092	95	70.8	143.3	213	5	201.7	10.99	183.5	25.34	**213**
74318_65	0.05477	0.00326	0.01156	0.00198	0.35874	0.02005	0.0475	0.00124	0.467082	104	403	127.68	299.1	7.66	311.3	14.99	232.3	39.51	**299.1**
74318_66	0.14255	0.00536	0.05644	0.0083	3.82301	0.13629	0.19448	0.00382	0.550972	51	2258.5	63.49	1145.6	20.62	1597.6	28.69	1109.8	158.88	**2258.5**
74318_67	0.05855	0.00271	0.03544	0.00731	0.67451	0.02966	0.08353	0.00186	0.506393	101	550.4	98.12	517.2	11.05	523.4	17.99	704	142.71	**517.2**
74318_68	0.07984	0.00481	0.03022	0.00708	1.81261	0.10191	0.16457	0.00448	0.484189	107	1193	114.35	982.1	24.81	1050	36.79	601.8	138.88	**982.1**
74318_70	0.05985	0.00707	0.02326	0.01023	0.67246	0.07364	0.08149	0.00397	0.444876	103	598.2	237.12	505	23.69	522.2	44.71	464.7	202.09	**505**
74318_71	0.0694	0.00403	0.00875	0.00178	0.25798	0.01408	0.02695	0.0007	0.475908	136	910.7	115.15	171.5	4.38	233	11.36	176.1	35.73	**171.5**
74318_72	0.17222	0.00747	0.10247	0.0186	7.50304	0.30812	0.31593	0.00671	0.517189	69	2579.4	70.72	1769.8	32.89	2173.4	36.79	1971.8	341.02	**2579.4**
74318_73	0.05986	0.00589	0.0054	0.00116	0.12938	0.01214	0.01567	0.00053	0.360459	123	598.6	199.93	100.2	3.38	123.5	10.91	108.9	23.31	**100.2**
74318_74	0.05985	0.00497	0.01266	0.00361	0.30385	0.02356	0.03681	0.00128	0.448465	116	598	170.31	233	7.93	269.4	18.35	254.2	72	**233**
74318_75	0.12386	0.00578	0.06806	0.01293	4.71517	0.20714	0.27607	0.00605	0.49885	78	2012.6	80.49	1571.6	30.54	1769.9	36.8	1330.8	244.6	**2012.6**
74318_76	0.05724	0.00371	0.00721	0.00142	0.19141	0.01169	0.02425	0.00064	0.432134	115	500.3	137.04	154.5	4.02	177.8	9.96	145.3	28.45	**154.5**
772318_77	0.06552	0.00337	0.03382	0.00623	1.14951	0.05563	0.12726	0.00297	0.482246	101	791	104.33	772.2	16.99	777	26.28	672.3	121.77	**772.2**
74318_78	0.10733	0.00643	0.01425	0.00283	0.46209	0.02553	0.03122	0.00086	0.498587	195	1754.6	105.75	198.2	5.39	385.7	17.73	286.1	56.39	**198.2**
74318_79	0.0656	0.00435	0.03038	0.00793	0.92862	0.05767	0.10264	0.00296	0.464369	106	793.7	133.37	629.9	17.3	666.9	30.36	605	155.47	**629.9**
74318_80	0.05293	0.00326	0.01189	0.00242	0.30561	0.01759	0.04188	0.00109	0.452191	102	325.6	133.32	264.5	6.74	270.8	13.68	238.8	48.33	**264.5**
74319_01	0.0513	0.00274	0.00581	0.00032	0.14228	0.0074	0.02012	0.00036	0.344022	105	254.3	118.08	128.4	2.29	135.1	6.58	117.1	6.34	**128.4**
73319_02	0.05983	0.00146	0.02651	0.00146	0.76767	0.01859	0.09307	0.00129	0.572368	101	597.3	51.83	573.7	7.62	578.4	10.68	528.9	28.79	**573.7**
74319_03	0.05743	0.00313	0.00595	0.00037	0.15832	0.00838	0.02	0.00038	0.358959	117	507.6	116.05	127.6	2.41	149.2	7.35	120	7.47	**127.6**
74319_04	0.04944	0.00525	0.0076	0.00071	0.16243	0.01677	0.02383	0.00068	0.276387	101	168.6	231.47	151.8	4.27	152.8	14.64	153	14.23	**151.8**
74319_05	0.05386	0.00195	0.00619	0.00037	0.14732	0.00521	0.01984	0.00031	0.441819	110	365	79.32	126.6	1.95	139.5	4.61	124.7	7.41	**126.6**
74319_06	0.0622	0.00155	0.02805	0.00171	0.84086	0.02072	0.09804	0.00137	0.567089	103	681	52.24	602.9	8.02	619.6	11.43	559.2	33.55	**602.9**
74319_07	0.05652	0.00122	0.02531	0.00162	0.66421	0.01451	0.08524	0.00114	0.612209	98	472	47.75	527.3	6.8	517.2	8.85	505.2	31.95	**527.3**
74319_08	0.05118	0.00218	0.00626	0.00044	0.14457	0.00603	0.02049	0.00034	0.39783	105	248.8	95.34	130.7	2.12	137.1	5.35	126.1	8.88	**130.7**
74319_09	0.05476	0.0033	0.00553	0.00063	0.12746	0.00733	0.01688	0.00037	0.381153	113	402.6	129.01	107.9	2.32	121.8	6.6	111.5	12.65	**107.9**
74319_10	0.06032	0.00155	0.02921	0.00209	0.78171	0.01995	0.09398	0.00134	0.558692	101	615.2	54.53	579	7.91	586.5	11.37	581.9	41.09	**579**
74319_11	0.04855	0.00475	0.00568	0.00064	0.12045	0.01143	0.01799	0.00048	0.281171	100	126.4	215.3	115	3.06	115.5	10.36	114.4	12.84	**115**
74319_12	0.05297	0.00137	0.01714	0.00135	0.39028	0.01	0.05343	0.00075	0.547838	100	327.6	57.66	335.6	4.57	334.6	7.3	343.5	26.74	**335.6**
74319_13	0.0766	0.00247	0.05679	0.00647	1.97111	0.06217	0.18662	0.00303	0.379584	99	1110.8	63.19	1103.1	16.46	1105.7	21.25	1116.4	123.73	**1110.8**
74319_14	0.05552	0.00423	0.00701	0.0013	0.19031	0.01391	0.02487	0.00069	0.416448	112	432.9	161.35	158.4	4.33	176.9	11.87	141.2	26.18	**158.4**
74319_15	0.05212	0.00233	0.01638	0.00199	0.35844	0.01553	0.04988	0.0009	0.493743	99	290.7	98.82	313.8	5.53	311.1	11.61	328.4	39.52	**313.8**

74319_16	0.05887	0.00192	0.0284	0.00347	0.71645	0.02285	0.08827	0.00139	0.420294	101	562.3	69.4	545.3	8.24	548.6	13.52	566	68.17	**545.3**
74319_17	0.05962	0.00323	0.05327	0.01151	0.73854	0.03871	0.08988	0.00198	0.448838	101	589.8	113.51	554.8	11.7	561.6	22.61	1049.1	220.84	**554.8**
74319_18	0.06197	0.00269	0.02705	0.00395	0.79341	0.0335	0.09287	0.00176	0.466721	104	672.9	90.38	572.5	10.38	593.1	18.96	539.4	77.68	**572.5**
74319_19	0.14898	0.00542	0.08057	0.01294	6.00537	0.21168	0.29238	0.00481	0.393187	71	2334.2	61.04	1653.4	24.01	1976.6	30.68	1566.2	242.12	**2334.2**
74319_20	0.06014	0.00314	0.02686	0.00369	0.75088	0.03795	0.09058	0.0018	0.482028	102	608.8	109.06	558.9	10.66	568.7	22.01	535.8	72.58	**558.9**
74319_21	0.08093	0.00284	0.05964	0.00872	2.19543	0.07498	0.19681	0.00324	0.491476	95	1219.8	67.45	1158.1	17.44	1179.6	23.82	1170.8	166.34	**1219.8**
74319_22	0.06824	0.00237	0.04462	0.00659	1.41542	0.04805	0.15044	0.00251	0.503585	99	875.8	70.28	903.4	14.08	895.4	20.2	882.4	127.57	**903.4**
74319_23	0.07273	0.00238	0.04942	0.00692	1.61363	0.05156	0.16096	0.00259	0.473022	101	1006.4	64.93	962.1	14.36	975.5	20.03	975.1	133.21	**962.1**
74319_24	0.10125	0.00466	0.07972	0.01313	3.83896	0.16994	0.27508	0.00576	0.481401	95	1647.1	83.04	1566.5	29.11	1601	35.66	1550.4	245.73	**1647.1**
74319_25	0.05002	0.00167	0.01135	0.00058	0.24871	0.00836	0.03607	0.00061	0.503119	99	195.9	75.95	228.4	3.8	225.5	6.8	228.1	11.61	**228.4**
74319_26	0.0644	0.00107	0.04195	0.00193	0.99955	0.01839	0.11261	0.00159	0.767437	102	754.7	34.7	687.9	9.23	703.6	9.34	830.6	37.49	**687.9**
74319_27	0.0598	0.0012	0.02669	0.0011	0.77735	0.0166	0.09431	0.00139	0.690185	101	596.4	42.75	581	8.18	584	9.49	532.5	21.64	**581**
74319_28	0.1186	0.00172	0.09118	0.00402	5.60156	0.09403	0.34267	0.00481	0.836203	98	1935.2	25.73	1899.5	23.08	1916.3	14.46	1763.7	74.41	**1935.2**
74319_29	0.05282	0.0011	0.01288	0.00064	0.31997	0.00705	0.04394	0.00064	0.661059	102	321.2	46.42	277.2	3.98	281.9	5.42	258.6	12.72	**277.2**
74319_30	0.05497	0.00164	0.01298	0.00068	0.35287	0.01066	0.04657	0.00076	0.540213	105	410.8	64.7	293.4	4.7	306.9	8	260.7	13.67	**293.4**
74319_31	0.16475	0.00733	0.06049	0.00579	1.70601	0.07005	0.07514	0.00183	0.593135	216	2505	72.97	467	10.97	1010.8	26.29	1187	110.32	**467**
74319_32	0.05108	0.00159	0.00885	0.00068	0.25147	0.00798	0.03572	0.00062	0.54697	101	244.2	70.11	226.2	3.85	227.8	6.47	178	13.53	**226.2**
74319_33	0.06016	0.00287	0.01482	0.00112	0.40109	0.01863	0.04836	0.00097	0.431832	112	609.4	100	304.4	5.95	342.4	13.5	297.4	22.33	**304.4**
74319_34	0.05935	0.0029	0.00694	0.00052	0.19351	0.00921	0.02365	0.0005	0.444204	119	580.1	102.76	150.7	3.17	179.6	7.84	139.9	10.48	**150.7**
74319_35	0.04942	0.00225	0.00721	0.00044	0.17296	0.00781	0.02539	0.00046	0.401227	100	168	102.9	161.6	2.87	162	6.76	145.2	8.82	**161.6**
74319_36	0.08945	0.00219	0.05338	0.00414	2.74785	0.07095	0.22284	0.0037	0.643057	92	1413.7	46.05	1296.8	19.5	1341.5	19.22	1051	79.49	**1413.7**
74319_37	0.05223	0.00164	0.00816	0.00071	0.22348	0.00721	0.03103	0.00054	0.539406	104	295.7	70.16	197	3.39	204.8	5.98	164.2	14.17	**197**
74319_38	0.06699	0.00361	0.00564	0.00087	0.16128	0.00835	0.01746	0.00039	0.431434	136	837.3	108.37	111.6	2.46	151.8	7.3	113.6	17.39	**111.6**
74319_39	0.04946	0.00278	0.00504	0.00068	0.13262	0.00726	0.01945	0.00044	0.413243	102	169.9	126.03	124.2	2.75	126.5	6.51	101.6	13.66	**124.2**
74319_40	0.20382	0.00481	0.14225	0.01352	15.68809	0.38686	0.55833	0.00885	0.642789	100	2857	37.92	2859.7	36.6	2858	23.54	2688.1	239.25	**2857**
74319_41	0.04859	0.00345	0.00539	0.00087	0.11261	0.00779	0.01681	0.00042	0.361178	101	128.1	159.2	107.5	2.65	108.4	7.11	108.6	17.57	**107.5**
74319_42	0.07961	0.00226	0.05264	0.00508	2.14913	0.06204	0.19582	0.00329	0.582009	97	1187.4	55.15	1152.8	17.71	1164.8	20	1036.9	97.5	**1187.4**
74319_43	0.05898	0.00395	0.00568	0.00087	0.14141	0.00914	0.01739	0.00044	0.39146	121	566.4	139.44	111.1	2.82	134.3	8.13	114.4	17.56	**111.1**
74319_44	0.06873	0.00454	0.01137	0.00186	0.36181	0.023	0.03819	0.00101	0.41603	130	890.6	130.84	241.6	6.27	313.6	17.15	228.4	37.14	**241.6**
74319_45	0.06563	0.00245	0.03745	0.00551	1.17971	0.04376	0.1304	0.00247	0.510643	100	794.6	76.34	790.1	14.11	791.2	20.39	743.2	107.34	**790.1**
74319_46	0.06124	0.00658	0.00474	0.00081	0.14676	0.01526	0.01738	0.00058	0.320946	125	647.8	215.46	111.1	3.66	139	13.51	95.6	16.24	**111.1**
74319_47	0.05086	0.00324	0.0051	0.0007	0.12211	0.00757	0.01741	0.0004	0.37061	105	234.6	140.38	111.3	2.56	117	6.85	102.9	14.14	**111.3**
74319_48	0.05309	0.00186	0.01341	0.00159	0.32762	0.01146	0.04476	0.00078	0.498185	102	332.8	77.58	282.3	4.8	287.7	8.76	269.3	31.71	**282.3**

74319_49	0.05354	0.00292	0.0114	0.0017	0.28596	0.01519	0.03875	0.00082	0.398373	104	351.6	117.99	245.1	5.08	255.4	11.99	229.1	33.89	**245.1**
74319_50	0.05111	0.0034	0.00524	0.00079	0.11081	0.00718	0.01573	0.00037	0.363017	106	245.6	146.32	100.6	2.35	106.7	6.56	105.6	15.83	**100.6**
74319_51	0.05685	0.00195	0.02287	0.00278	0.57576	0.01974	0.07347	0.00129	0.512123	101	484.9	74.74	457	7.78	461.7	12.72	457	54.92	**457**
74319_52	0.28376	0.01652	0.06871	0.01704	11.35074	0.64137	0.29015	0.00703	0.01704	49	3383.7	87.95	1642.3	35.13	2552.4	52.73	1343.2	322.23	**3383.7**
74319_53	0.08169	0.0036	0.05911	0.01044	2.15084	0.09265	0.19098	0.00389	0.01044	91	1238.1	84	1126.7	21.07	1165.3	29.86	1160.8	199.14	**1238.1**
74319_54	0.06475	0.00273	0.03351	0.00587	0.97519	0.04037	0.10924	0.00214	0.00587	103	766.3	86.48	668.3	12.44	691.1	20.75	666.2	114.79	**668.3**
74319_55	0.05952	0.00249	0.02986	0.0053	0.81329	0.03337	0.09912	0.00193	0.0053	99	586	88.19	609.2	11.3	604.3	18.69	594.7	104.03	**609.2**
74319_56	0.04865	0.00354	0.00557	0.00109	0.11559	0.00813	0.01723	0.00044	0.00109	101	131.1	162.51	110.1	2.77	111.1	7.4	112.2	21.94	**110.1**
74319_57	0.17444	0.00727	0.0833	0.01509	6.94145	0.28343	0.28864	0.00565	0.01509	63	2600.7	67.84	1634.7	28.28	2104	36.24	1617.2	281.48	**2600.7**
74319_58	0.08368	0.00529	0.05671	0.01369	2.26867	0.13811	0.19664	0.00513	0.01369	90	1285	118.51	1157.3	27.63	1202.6	42.9	1114.9	261.83	**1285**
74319_59	0.05841	0.00277	0.02935	0.00551	0.78967	0.03647	0.09807	0.00203	0.00551	98	545.2	100.41	603.1	11.93	591	20.69	584.7	108.19	**603.1**
74319_60	0.0506	0.00237	0.01261	0.00231	0.29666	0.01353	0.04252	0.00087	0.00231	98	222.7	104.64	268.5	5.38	263.8	10.59	253.2	46.05	**268.5**
74319_61	0.03973	0.00363	0.00488	0.00096	0.0932	0.00831	0.01702	0.00046	0.00096	83	0.1	0	108.8	2.93	90.5	7.71	98.5	19.35	**108.8**
74319_62	0.08839	0.00433	0.01107	0.00215	0.36216	0.01717	0.02972	0.00064	0.00215	166	1391.1	91.1	188.8	3.98	313.8	12.8	222.5	42.91	**188.8**
74319_63	0.06131	0.00303	0.02831	0.00531	0.82536	0.03956	0.09764	0.00208	0.00531	102	650.2	102.59	600.6	12.2	611	22.01	564.2	104.3	**600.6**
74319_64	0.07448	0.00334	0.04937	0.00916	1.83767	0.08031	0.17898	0.00361	0.00916	101	1054.1	88.09	1061.4	19.74	1059	28.74	974	176.38	**1054.1**
74319_65	0.05387	0.00339	0.01091	0.00238	0.26586	0.01626	0.0358	0.00085	0.388211	106	365.3	135.47	226.8	5.31	239.4	13.04	219.3	47.56	**226.8**
74319_66	0.10083	0.00651	0.07804	0.02122	3.74695	0.23375	0.2696	0.00704	0.418581	94	1639.5	115.25	1538.8	35.74	1581.5	50	1518.8	397.8	**1639.5**
74319_67	0.10674	0.01184	0.01039	0.00374	0.38665	0.04029	0.02627	0.00116	0.423759	199	1744.4	190.43	167.2	7.27	331.9	29.5	208.9	74.77	**167.2**
74319_68	0.04978	0.00422	0.00506	0.00114	0.1157	0.00957	0.01686	0.00045	0.322683	103	184.6	186.3	107.8	2.83	111.2	8.71	102	22.86	**107.8**
74319_69	0.07686	0.00431	0.05667	0.01175	2.07179	0.11262	0.19553	0.00459	0.431847	103	1117.7	107.99	1151.3	24.76	1139.5	37.23	1114.2	224.83	**1117.7**
74319_70	0.08607	0.00435	0.06244	0.01396	2.14932	0.10557	0.18116	0.00395	0.44391	80	1339.7	94.59	1073.3	21.57	1164.8	34.04	1224.3	265.54	**1339.7**
74319_71	0.05389	0.00715	0.00374	0.0011	0.12329	0.01569	0.0166	0.00071	0.33609	111	366.5	274.41	106.1	4.51	118	14.18	75.5	22.18	**106.1**
74319_72	0.05849	0.00331	0.01402	0.00322	0.36686	0.02007	0.0455	0.00104	0.417806	111	548.2	118.86	286.8	6.44	317.3	14.91	281.4	64.15	**286.8**
74319_73	0.05009	0.00378	0.00555	0.00155	0.13077	0.00949	0.01894	0.00053	0.385601	103	199.3	166.19	120.9	3.35	124.8	8.52	111.9	31.16	**120.9**
74319_74	0.05163	0.00536	0.00526	0.00135	0.11402	0.01149	0.01602	0.0005	0.309719	107	269.2	221.66	102.4	3.17	109.6	10.48	106	27.06	**102.4**
74319_75	0.0687	0.00372	0.04082	0.00956	1.21157	0.06335	0.12793	0.00289	0.432043	104	889.7	107.94	776.1	16.51	805.9	29.08	808.6	185.75	**776.1**
74319_76	0.09317	0.00831	0.00945	0.00272	0.33031	0.02801	0.02572	0.00087	0.398893	177	1491.3	160.11	163.7	5.47	289.8	21.38	190.2	54.55	**163.7**
74319_77	0.09259	0.0055	0.07787	0.02037	3.21651	0.18373	0.252	0.00608	0.422384	98	1479.4	108.73	1448.8	31.29	1461.1	44.25	1515.7	381.96	**1479.4**
74319_78	0.05073	0.00336	0.0142	0.00386	0.31432	0.01998	0.04494	0.00113	0.395569	98	228.8	145.89	283.4	6.99	277.5	15.44	284.9	76.89	**283.4**
74319_79	0.08655	0.01326	0.00475	0.00222	0.16703	0.02409	0.014	0.00078	0.3863	175	1350.5	270.12	89.6	4.99	156.8	20.96	95.8	44.75	**89.6**
74319_80	0.05967	0.00352	0.02758	0.00686	0.72117	0.04091	0.08767	0.00207	0.416224	102	591.6	123.05	541.8	12.28	551.4	24.13	549.9	134.98	**541.8**
74320_01	0.05702	0.00107	0.02036	0.00068	0.62934	0.01194	0.08006	0.00098	0.645196	100	491.8	40.86	496.5	5.88	495.7	7.44	407.3	13.38	**496.5**

74320_02	0.24574	0.00387	0.12024	0.00401	4.08477	0.06357	0.12058	0.00158	0.841971	23	3157.5	24.76	733.9	9.11	1651.3	12.69	2294.9	72.44	**733.9**
74320_03	0.07621	0.00398	0.00472	0.00021	0.16765	0.00858	0.01596	0.00026	0.318315	65	1100.5	101.13	102.1	1.67	157.4	7.46	95.2	4.23	**102.1**
74320_04	0.14063	0.00192	0.05597	0.002	2.22586	0.03182	0.11481	0.00139	0.846901	59	2235	23.48	700.6	8.02	1189.2	10.02	1100.8	38.25	**700.6**
74320_05	0.50418	0.00643	0.13279	0.00492	5.60762	0.07567	0.08068	0.00097	0.890965	26	4253.5	18.65	500.2	5.76	1917.3	11.63	2520.2	87.73	**500.2**
74320_07	0.10712	0.00172	0.05728	0.00238	1.79691	0.02951	0.12168	0.00152	0.760644	71	1751	29.06	740.2	8.72	1044.3	10.71	1125.9	45.51	**740.2**
74320_08	0.16567	0.00258	0.05283	0.00228	2.04829	0.03254	0.08968	0.00113	0.793153	49	2514.4	25.97	553.6	6.67	1131.7	10.84	1040.6	43.8	**553.6**
74320_09	0.05652	0.00162	0.00766	0.00035	0.22632	0.00646	0.02905	0.00039	0.470337	89	472.1	62.46	184.6	2.42	207.2	5.35	154.2	7.1	**184.6**
74320_10	0.06699	0.0012	0.02303	0.00109	0.795	0.01454	0.08608	0.00108	0.686	90	837.6	36.98	532.3	6.4	594	8.23	460.2	21.56	**532.3**
74320_12	0.05579	0.00234	0.01074	0.0006	0.31011	0.01284	0.04032	0.00059	0.353413	93	443.8	90.39	254.8	3.68	274.3	9.95	216	11.93	**254.8**
74320_13	0.13594	0.00421	0.06305	0.0067	6.87592	0.20742	0.36687	0.0058	0.524078	96	2176.1	52.9	2014.7	27.33	2095.6	26.74	1235.8	127.47	**2176.1**
74320_14	0.06058	0.00354	0.02419	0.00313	0.72897	0.04174	0.08727	0.00155	0.310187	97	624.5	121.07	539.4	9.16	556	24.51	483.1	61.87	**539.4**
74320_15	0.06473	0.00272	0.02178	0.00293	0.81756	0.03319	0.09163	0.00171	0.459696	93	765.5	86.11	565.1	10.1	606.7	18.54	435.4	57.91	**565.1**
74320_16	0.06759	0.00281	0.01797	0.0021	0.91474	0.03689	0.09819	0.0018	0.454563	92	855.9	84.08	603.8	10.56	659.6	19.56	360	41.7	**603.8**
74320_17	0.06269	0.00261	0.02199	0.00277	0.94406	0.03829	0.10925	0.00206	0.4649	99	697.7	86.44	668.4	11.96	675	20	439.7	54.86	**668.4**
74320_18	0.13252	0.00889	0.01452	0.00235	0.79824	0.05073	0.04369	0.00126	0.453792	46	2131.7	112.85	275.6	7.79	595.8	28.65	291.3	46.72	**275.6**
74320_19	0.12609	0.0079	0.01676	0.00237	0.77202	0.04593	0.04442	0.00119	0.450299	48	2044.2	106.78	280.2	7.32	580.9	26.32	336	47.07	**280.2**
74320_20	0.11764	0.01185	0.00638	0.00089	0.27128	0.02652	0.01673	0.00047	0.287373	44	1920.7	170.4	106.9	3	243.7	21.18	128.5	17.88	**106.9**
73320_22	0.0607	0.00316	0.0208	0.00329	0.77806	0.03946	0.093	0.00192	0.407075	98	628.6	108.39	573.2	11.33	584.4	22.54	416.2	65.14	**573.2**
74320_23	0.05362	0.00225	0.01008	0.00131	0.31397	0.01295	0.04247	0.00069	0.393899	97	355.1	91.81	268.2	4.26	277.3	10.01	202.7	26.22	**268.2**
74320_24	0.07442	0.00628	0.00461	0.00063	0.1701	0.01411	0.01658	0.00036	0.261755	66	1053	161.35	106	2.26	159.5	12.24	92.9	12.58	**106**
74320_25	0.06466	0.00312	0.01934	0.00323	0.67347	0.03167	0.07554	0.00141	0.396929	90	763.3	98.68	469.5	8.46	522.8	19.22	387.1	63.96	**469.5**
74320_26	0.06228	0.0039	0.0082	0.00134	0.2807	0.01718	0.03269	0.00064	0.319878	83	683.6	128.25	207.4	4	251.2	13.62	165	26.82	**207.4**
74320_27	0.09019	0.00426	0.04971	0.00873	2.31236	0.10608	0.18596	0.00367	0.430198	90	1429.5	87.71	1099.5	19.94	1216.1	32.52	980.6	168.05	**1429.5**
74320_28	0.06261	0.00416	0.00519	0.00083	0.20035	0.01301	0.02321	0.00048	0.318477	80	694.9	135.71	147.9	3.01	185.4	11.01	104.7	16.6	**147.9**
74320_29	0.06448	0.00473	0.01188	0.00242	0.50365	0.0352	0.05667	0.00157	0.396399	86	757.3	147.46	355.3	9.57	414.2	23.77	238.6	48.4	**355.3**
74320_30	0.1927	0.01287	0.00965	0.00165	0.73258	0.04569	0.02758	0.00079	0.459269	31	2765.3	105.58	175.4	4.94	558.1	26.78	194.2	33.11	**175.4**
74320_31	0.06644	0.005	0.01057	0.00231	0.34621	0.02491	0.0378	0.00105	0.386068	79	820.1	149.77	239.2	6.49	301.9	18.79	212.5	46.27	**239.2**
74320_32	0.09437	0.0049	0.02109	0.0035	0.61809	0.03085	0.0475	0.00099	0.417579	61	1515.6	94.88	299.2	6.12	488.7	19.36	421.9	69.28	**299.2**
74320_33	0.05251	0.00262	0.00878	0.00143	0.34951	0.01681	0.04828	0.00096	0.413424	100	307.5	109.58	304	5.92	304.4	12.65	176.6	28.7	**304**
74320_34	0.05809	0.00532	0.0111	0.00283	0.55148	0.04795	0.06885	0.00225	0.375854	96	532.5	189.39	429.2	13.57	446	31.38	223.2	56.49	**429.2**
74320_35	0.07996	0.00558	0.02379	0.00447	2.0628	0.13665	0.18702	0.00494	0.398737	97	1196.1	131.62	1105.2	26.82	1136.5	45.3	475.3	88.2	**1196.1**
74320_36	0.05002	0.00511	0.00401	0.00104	0.11787	0.01165	0.01709	0.00052	0.30785	97	195.8	221.36	109.3	3.32	113.1	10.58	80.9	21.01	**109.3**
74320_37	0.06044	0.00276	0.02488	0.00482	0.80457	0.03563	0.09658	0.00178	0.41618	99	619.4	95.61	594.3	10.48	599.4	20.05	496.7	95.01	**594.3**

74320_38	0.05977	0.004	0.00935	0.00205	0.39249	0.02538	0.04766	0.00121	0.392616	89	594.8	139.12	300.1	7.45	336.2	18.5	188.1	41	**300.1**
74320_39	0.08124	0.00452	0.03352	0.00677	1.78833	0.09633	0.15976	0.00352	0.409035	92	1227.3	105.44	955.4	19.58	1041.2	35.08	666.4	132.39	**955.4**
74320_40	0.05906	0.00272	0.01859	0.00355	0.67179	0.02999	0.08252	0.00153	0.415326	98	569.4	97.15	511.1	9.13	521.8	18.21	372.4	70.38	**511.1**
74320_41	0.10755	0.00716	0.04048	0.00849	2.82982	0.18133	0.19091	0.00495	0.404637	83	1758.3	117.06	1126.3	26.8	1363.5	48.08	802	164.88	**1126.3**
74320_42	0.39109	0.02003	0.02391	0.00448	1.39377	0.06681	0.02585	0.00061	0.492288	19	3875.2	75.08	164.5	3.81	886.3	28.34	477.6	88.51	**164.5**
74320_43	0.11314	0.00641	0.05047	0.01076	2.95543	0.16118	0.18954	0.00427	0.413082	80	1850.4	99.14	1118.9	23.13	1396.2	41.38	995.2	207	**1118.9**
74320_44	0.06605	0.00537	0.01613	0.0038	1.02934	0.07983	0.11305	0.0034	0.387794	96	807.9	161.38	690.4	19.69	718.6	39.94	323.4	75.52	**690.4**
74320_45	0.06703	0.00585	0.00456	0.00103	0.15567	0.01311	0.01685	0.00048	0.338254	73	838.6	172.05	107.7	3.07	146.9	11.52	91.9	20.8	**107.7**
74320_46	0.06193	0.00459	0.00449	0.00104	0.16404	0.01169	0.01922	0.0005	0.36505	80	671.8	150.99	122.7	3.15	154.2	10.2	90.5	20.84	**122.7**
74320_47	0.12777	0.01637	0.04255	0.01196	1.76536	0.21702	0.10026	0.0041	0.332652	60	2067.5	209.97	615.9	24.01	1032.8	79.68	842.2	231.88	**615.9**
74320_48	0.08523	0.00652	0.00728	0.00176	0.2916	0.02131	0.02483	0.00069	0.380256	61	1320.6	141.35	158.1	4.34	259.8	16.75	146.5	35.35	**158.1**
74320_49	0.07067	0.00491	0.04188	0.01206	1.66396	0.11053	0.17082	0.00444	0.391297	102	947.9	136.19	1016.6	24.42	994.9	42.13	829.3	233.95	**947.9**
74320_50	0.08695	0.00481	0.06111	0.0137	2.26473	0.12047	0.18896	0.00406	0.403918	93	1359.5	102.99	1115.7	21.99	1201.4	37.47	1198.9	260.92	**1359.5**
74320_51	0.06548	0.00452	0.0502	0.01592	0.85525	0.05679	0.09474	0.00228	0.362429	93	789.9	138.54	583.5	13.41	627.5	31.08	990.1	306.38	**583.5**
74320_52	0.07502	0.00565	0.0453	0.01442	1.72962	0.12377	0.16723	0.00463	0.386903	98	1069.2	144.39	996.9	25.59	1019.6	46.04	895.4	278.75	**996.9**
74320_53	0.10035	0.01078	0.06928	0.03371	2.82591	0.28943	0.20429	0.00777	0.371355	88	1630.5	187.44	1198.3	41.59	1362.4	76.81	1353.9	637.15	**1630.5**
74320_54	0.04952	0.00144	0.00315	0.0001	0.19263	0.00572	0.02821	0.00052	0.620766	100	172.6	66.47	179.4	3.24	178.9	4.87	63.5	2.05	**179.4**
74320_55	0.07121	0.00133	0.01764	0.0005	0.73897	0.0154	0.07527	0.00122	0.777757	83	963.3	37.78	467.8	7.33	561.8	8.99	353.4	9.85	**467.8**
74320_56	0.07869	0.00111	0.04331	0.00103	2.06539	0.03498	0.19036	0.00284	0.880897	96	1164.4	27.79	1123.3	15.37	1137.4	11.59	856.9	19.97	**1164.4**
74320_57	0.09036	0.00266	0.005	0.00016	0.25193	0.0074	0.02022	0.00038	0.639809	57	1432.9	55.31	129.1	2.42	228.1	6	100.8	3.19	**129.1**
270_58	0.05296	0.00124	0.00995	0.00031	0.31288	0.00777	0.04284	0.0007	0.657969	98	327.2	52.2	270.4	4.35	276.4	6.01	200	6.13	**270.4**
74320_59	0.05762	0.0026	0.00504	0.00036	0.12683	0.00559	0.01596	0.00035	0.49756	84	515	96.37	102.1	2.22	121.2	5.03	101.6	7.18	**102.1**
277320_60	0.05166	0.00114	0.01039	0.00033	0.31296	0.00737	0.04394	0.0007	0.676487	100	270.3	49.69	277.2	4.32	276.5	5.7	209	6.57	**277.2**
74320_61	0.04759	0.00132	0.00351	0.00012	0.10427	0.00299	0.01589	0.00027	0.592554	101	78.3	65.33	101.6	1.71	100.7	2.74	70.9	2.39	**101.6**
74320_62	0.0601	0.00179	0.01528	0.00083	0.38422	0.01152	0.04638	0.00078	0.560908	89	607.3	63.07	292.2	4.8	330.1	8.45	306.4	16.62	**292.2**
74320_63	0.07977	0.00103	0.04751	0.00144	2.13524	0.03531	0.19415	0.00294	0.915712	96	1191.3	25.26	1143.8	15.88	1160.3	11.43	938.2	27.74	**1191.3**
74320_64	0.06651	0.00107	0.02868	0.00085	1.2761	0.02403	0.13917	0.00217	0.828028	101	822.4	33.28	840	12.3	835.1	10.72	571.6	16.77	**840**
74320_65	0.06465	0.00087	0.03518	0.00112	0.82394	0.01398	0.09244	0.00142	0.905351	93	763	28.13	570	8.36	610.2	7.78	698.8	21.87	**570**
74320_67	0.10359	0.00261	0.06255	0.00465	4.15625	0.10975	0.29101	0.00508	0.661078	97	1689.4	45.76	1646.6	25.39	1665.4	21.61	1226.2	88.52	**1689.4**
74320_68	0.07384	0.00247	0.02577	0.0023	1.64787	0.05542	0.16188	0.00317	0.582267	98	1037.1	66.11	967.2	17.58	988.7	21.25	514.3	45.26	**1037.1**
74320_69	0.14019	0.00397	0.05218	0.00443	6.90949	0.202	0.35749	0.00653	0.624804	88	2229.5	48.24	1970.3	31	2099.9	25.93	1028.1	85.02	**2229.5**
74320_70	0.13795	0.01325	0.0263	0.00511	6.72413	0.6078	0.3542	0.01522	0.475381	89	2201.7	157.87	1954.6	72.46	2075.8	79.9	524.7	100.64	**2201.7**
74320_71	0.05293	0.00168	0.00821	0.00066	0.27526	0.00888	0.03772	0.00069	0.567032	97	325.6	70.56	238.7	4.28	246.9	7.07	165.3	13.15	**238.7**

74320_72	0.05753	0.00188	0.01791	0.00143	0.65155	0.02148	0.08214	0.00153	0.565002	100	511.5	70.44	508.9	9.09	509.4	13.21	358.8	28.41	**508.9**
74320_73	0.10598	0.00419	0.04295	0.00461	4.61961	0.18112	0.31617	0.00675	0.54453	102	1731.4	70.84	1771	33.07	1752.8	32.73	850	89.34	**1731.4**
74320_74	0.08804	0.00546	0.0219	0.00327	3.15273	0.18848	0.25983	0.0075	0.482829	108	1383.3	114.62	1489	38.36	1445.7	46.08	437.9	64.67	**1383.3**
74320_75	0.10947	0.0115	0.00287	0.00063	0.2043	0.02002	0.01355	0.0006	0.451873	46	1790.6	180.07	86.8	3.83	188.8	16.88	57.8	12.62	**1790.6**
74320_76	0.06017	0.00405	0.00596	0.00093	0.28028	0.0181	0.03378	0.00094	0.430905	85	609.8	139.04	214.2	5.89	250.9	14.35	120.1	18.75	**214.2**
74320_77	0.05127	0.00193	0.00384	0.00043	0.1258	0.0047	0.0178	0.00035	0.526297	95	252.8	84.43	113.7	2.2	120.3	4.24	77.5	8.74	**113.7**
74320_78	0.05669	0.00218	0.01515	0.00179	0.63961	0.02439	0.08185	0.00165	0.528651	101	478.6	83.55	507.1	9.83	502.1	15.1	303.9	35.73	**507.1**
74320_79	0.11942	0.01058	0.02033	0.00373	3.28122	0.27201	0.19942	0.0075	0.453673	60	1947.6	150.41	1172.2	40.33	1476.6	64.51	406.9	73.86	**1947.6**
74320_80	0.05326	0.00395	0.00707	0.00119	0.53761	0.03789	0.07322	0.00227	0.439885	104	340	159.12	455.5	13.61	436.8	25.02	142.5	23.96	**455.5**
74320_81	0.06149	0.0023	0.01775	0.00208	0.68164	0.02544	0.08041	0.00159	0.529816	94	656.3	78.37	498.6	9.5	527.8	15.36	355.6	41.31	**498.6**
74320_82	0.05166	0.00376	0.00461	0.00076	0.29991	0.02077	0.04212	0.00129	0.442238	100	270.3	158.61	266	7.96	266.3	16.22	92.9	15.28	**266**
74321_01	0.05858	0.00292	0.00472	0.00028	0.12188	0.00587	0.0151	0.00029	0.398763	121	552	105.28	96.6	1.83	116.8	5.31	95.3	5.56	**96.6**
74321_02	0.07774	0.00149	0.04064	0.00215	1.43324	0.02865	0.13381	0.00187	0.699113	112	1140	37.57	809.6	10.62	902.9	11.96	805.1	41.83	**809.6**
74321_03	0.05999	0.00172	0.02563	0.0013	0.72274	0.02045	0.08742	0.00131	0.529602	102	603	60.78	540.3	7.78	552.3	12.06	511.6	25.68	**540.3**
74321_04	0.15299	0.00239	0.09794	0.00476	7.78262	0.12923	0.36908	0.00476	0.776692	85	2380	26.34	2025.1	22.41	2206.2	14.94	1888.5	87.54	**2379.6**
74321_05	0.06777	0.00188	0.01885	0.00127	0.55757	0.01546	0.0597	0.00094	0.567863	120	862	56.64	373.8	5.69	449.9	10.08	377.5	25.19	**373.8**
74321_06	0.2485	0.00545	0.11906	0.00902	15.29997	0.34189	0.44679	0.00679	0.680096	75	3175	34.32	2381	30.26	2834.1	21.3	2273.6	162.86	**3175.2**
74321_07	0.0906	0.00331	0.05225	0.00434	2.38408	0.08508	0.1909	0.00368	0.540176	78	1438	68.14	1126.2	19.91	1237.8	25.53	1029.4	83.35	**1438.2**
74321_08	0.05348	0.00416	0.00497	0.00036	0.1249	0.00947	0.01694	0.00039	0.303643	110	349	166.85	108.3	2.46	119.5	8.55	100.2	7.16	**108.3**
74321_09	0.07126	0.0024	0.01776	0.00113	0.43516	0.01439	0.0443	0.00071	0.484666	131	965	67.4	279.4	4.36	366.8	10.18	355.8	22.52	**279.4**
74321_10	0.05484	0.00235	0.01157	0.00076	0.28845	0.01201	0.03815	0.00068	0.428097	107	406	92.66	241.4	4.22	257.3	9.46	232.5	15.2	**241.4**
74321_11	0.07184	0.00138	0.03155	0.00196	1.31335	0.02618	0.13261	0.00179	0.677154	106	981	38.67	802.7	10.19	851.6	11.49	627.9	38.34	**802.7**
74321_12	0.07766	0.00322	0.05076	0.00505	2.01109	0.08152	0.18786	0.00372	0.488513	98	1138	80.34	1109.8	20.17	1119.3	27.49	1000.8	97.12	**1138.1**
74321_13	0.06286	0.00208	0.02787	0.00321	0.83104	0.02699	0.09592	0.00158	0.507186	104	703	68.83	590.5	9.27	614.2	14.97	555.7	63.12	**590.5**
74321_14	0.05875	0.00197	0.02546	0.00286	0.68665	0.02256	0.08479	0.00137	0.491782	101	558	71.6	524.6	8.11	530.8	13.58	508.2	56.28	**524.6**
74321_15	0.11921	0.00322	0.09625	0.01072	5.77918	0.15463	0.35167	0.00517	0.549449	100	1944	47.59	1942.6	24.65	1943.3	23.16	1857.5	197.65	**1944.4**
74321_16	0.05305	0.00187	0.01177	0.00134	0.27818	0.00959	0.03804	0.00061	0.465154	104	331	78.1	240.7	3.82	249.2	7.62	236.5	26.77	**240.7**
74321_17	0.07302	0.00556	0.00802	0.00133	0.25954	0.01892	0.02579	0.00073	0.388289	143	1014	147.18	164.1	4.57	234.3	15.25	161.5	26.74	**164.1**
74321_18	0.0618	0.002	0.02804	0.0033	0.83227	0.02632	0.09769	0.00155	0.501718	102	667	67.65	600.9	9.1	614.9	14.59	559	64.82	**600.9**
74321_19	0.13372	0.00551	0.08816	0.01485	4.99188	0.19762	0.27077	0.00487	0.45432	72	2147	70.26	1544.7	24.72	1817.9	33.49	1707.8	275.84	**2147.4**
74321_20	0.06172	0.00316	0.02551	0.00309	0.74331	0.03682	0.08737	0.00173	0.399733	105	664	105.94	539.9	10.27	564.3	21.45	509.2	60.81	**539.9**
74321_21	0.07161	0.00316	0.02883	0.0039	0.83667	0.03566	0.08477	0.00162	0.448379	118	975	87.4	524.5	9.65	617.3	19.71	574.5	76.67	**524.5**
74321_22	0.05073	0.0019	0.01254	0.00175	0.30371	0.01102	0.04343	0.00072	0.456899	98	229	84.13	274	4.47	269.3	8.58	251.9	34.88	**274**

74321_23	0.05254	0.00208	0.00966	0.00132	0.22095	0.0085	0.03051	0.00052	0.443033	105	309	87.79	193.7	3.26	202.7	7.07	194.4	26.38	**193.7**
74321_24	0.0952	0.00297	0.07925	0.01023	3.65434	0.11188	0.27845	0.00438	0.513787	103	1532	57.58	1583.5	22.1	1561.5	24.41	1541.4	191.54	**1532.1**
74321_25	0.05527	0.00268	0.01358	0.00248	0.32502	0.01513	0.04265	0.00084	0.423089	106	423	104.69	269.3	5.2	285.8	11.59	272.7	49.47	**269.3**
74321_26	0.18762	0.01039	0.12348	0.02874	11.63598	0.6135	0.44983	0.00994	0.419108	88	2721	88.46	2394.5	44.18	2575.6	49.3	2353.4	517.04	**2721.4**
74321_27	0.17265	0.00765	0.08628	0.01604	7.39922	0.31441	0.31086	0.00593	0.448931	68	2584	72.13	1744.9	29.15	2160.9	38.01	1672.8	298.46	**2583.5**
74321_28	0.05264	0.00305	0.02151	0.00504	0.33189	0.01833	0.04574	0.00105	0.415647	101	313	126.32	288.3	6.47	291	13.98	430.2	99.71	**288.3**
74321_29	0.11227	0.00726	0.07176	0.0194	4.02208	0.24742	0.25994	0.00637	0.398366	81	1837	112.71	1489.6	32.59	1638.7	50.02	1400.7	365.86	**1836.5**
74321_30	0.05779	0.00337	0.02498	0.00569	0.71391	0.03983	0.08962	0.00201	0.401998	99	522	123.43	553.3	11.91	547.1	23.6	498.7	112.17	**553.3**
74321_31	0.09568	0.01001	0.07724	0.02956	3.54561	0.35164	0.26888	0.01062	0.398253	100	1542	184.79	1535.1	53.94	1537.5	78.55	1503.8	554.55	**1541.5**
74321_32	0.12385	0.00571	0.08486	0.01609	5.71988	0.25377	0.33499	0.00654	0.44004	93	2012	79.56	1862.5	31.58	1934.4	38.35	1646.4	299.74	**2012.4**
74321_33	0.05777	0.0036	0.02197	0.00471	0.61574	0.03686	0.07731	0.00181	0.391097	102	521	131.55	480	10.83	487.2	23.17	439.3	93.12	**480**
74321_34	0.05565	0.00374	0.02526	0.00629	0.69661	0.04495	0.09081	0.00225	0.38398	96	438	143.42	560.3	13.33	536.8	26.9	504.2	124.04	**560.3**
74321_35	0.07761	0.00387	0.05504	0.01128	2.10689	0.10115	0.19691	0.00405	0.428414	102	1137	96.08	1158.7	21.79	1151.1	33.06	1082.9	216.16	**1137**
74321_36	0.0707	0.00502	0.00544	0.00139	0.17837	0.0121	0.0183	0.0005	0.402768	143	949	138.9	116.9	3.15	166.7	10.42	109.7	27.95	**116.9**
74321_37	0.0615	0.0043	0.01473	0.00434	0.44227	0.02954	0.05217	0.00136	0.390297	113	657	143.17	327.8	8.31	371.8	20.8	295.6	86.49	**327.8**
74321_38	0.05812	0.00417	0.02533	0.00763	0.70644	0.04846	0.08817	0.00234	0.386889	100	534	150.37	544.7	13.87	542.6	28.84	505.6	150.4	**544.7**
74321_39	0.25233	0.01979	0.13087	0.04216	20.40977	1.52861	0.58673	0.01703	0.387541	93	3200	118.85	2976.1	69.17	3111	72.5	2485.8	753.6	**3199.5**
74321_40	0.06115	0.00523	0.025	0.00901	0.69385	0.05663	0.08231	0.00254	0.378094	105	645	173.95	509.9	15.15	535.1	33.94	499.1	177.71	**509.9**
74321_41	0.08224	0.00607	0.05409	0.01738	2.0839	0.14662	0.1838	0.00498	0.385095	87	1251	137.91	1087.7	27.09	1143.5	48.27	1064.7	333.2	**1251.2**
74321_42	0.07091	0.00526	0.04498	0.01459	1.50489	0.10635	0.15394	0.00418	0.384231	101	955	144.67	923	23.36	932.4	43.11	889.2	282.2	**923**
74321_43	0.0678	0.00558	0.0265	0.00864	0.87482	0.06856	0.0936	0.0028	0.381707	111	862	162.03	576.8	16.53	638.2	37.13	528.7	170.06	**576.8**
74321_44	0.05331	0.00995	0.01342	0.00938	0.31479	0.05587	0.04284	0.00268	0.352474	103	342	374.88	270.4	16.58	277.9	43.15	269.3	187.03	**270.4**
74321_45	0.05764	0.00603	0.00653	0.00257	0.16489	0.01642	0.02075	0.00072	0.348446	117	516	214.75	132.4	4.56	155	14.31	131.6	51.55	**132.4**
74321_46	0.07496	0.00603	0.04705	0.01657	1.67514	0.12792	0.16209	0.00469	0.378904	103	1068	153.74	968.4	26.03	999.1	48.56	929.3	319.78	**968.4**
74321_47	0.05282	0.0044	0.00812	0.00067	0.18561	0.01503	0.02551	0.00064	0.309822	106	321	178.55	162.4	4.02	172.9	12.87	163.4	13.5	**162.4**
74321_48	0.05532	0.00181	0.0065	0.00029	0.16072	0.00519	0.02107	0.00033	0.485011	113	425	70.91	134.4	2.06	151.3	4.54	131	5.86	**134.4**
74321_49	0.05086	0.00223	0.00798	0.00052	0.17294	0.00738	0.02467	0.00044	0.417948	103	235	97.9	157.1	2.76	162	6.39	160.6	10.53	**157.1**
74321_51	0.05208	0.00262	0.00523	0.00031	0.10908	0.00535	0.01519	0.00028	0.37583	108	289	111.19	97.2	1.76	105.1	4.89	105.5	6.33	**97.2**
74321_52	0.05595	0.00281	0.0081	0.00054	0.1408	0.0069	0.01825	0.00034	0.380163	115	450	108.25	116.6	2.14	133.8	6.14	163.1	10.85	**116.6**
74321_53	0.26391	0.00388	0.16837	0.00868	21.23709	0.33824	0.58348	0.00748	0.804907	91	3270	22.93	2962.9	30.43	3149.5	15.44	3145.2	150.24	**3270.2**
74321_54	0.05291	0.00313	0.00705	0.00045	0.14163	0.0082	0.01941	0.00036	0.320345	109	325	128.6	123.9	2.29	134.5	7.29	142	9.05	**123.9**
74321_55	0.09915	0.00183	0.08749	0.00492	3.97424	0.07569	0.29068	0.00395	0.713506	102	1608	33.93	1644.9	19.74	1629	15.45	1695.2	91.43	**1608.2**
74321_56	0.04986	0.00193	0.00529	0.00042	0.10905	0.00414	0.01587	0.00027	0.448138	104	188	87.72	101.5	1.69	105.1	3.79	106.7	8.51	**101.5**

74321_57	0.04888	0.00415	0.00432	0.00031	0.08948	0.00744	0.01328	0.0003	0.271692	102	142	188.12	85	1.88	87	6.94	87.1	6.34	**85**
74321_58	0.05258	0.00204	0.01414	0.001	0.29507	0.01122	0.0407	0.00066	0.426463	102	311	85.86	257.2	4.07	262.5	8.8	283.7	19.97	**257.2**
74321_59	0.13328	0.00272	0.11406	0.00865	7.11511	0.1505	0.38723	0.00559	0.682477	99	2142	35.24	2110	25.98	2125.9	18.83	2183.2	156.92	**2141.6**
74321_60	0.08926	0.00375	0.0078	0.00057	0.25645	0.01035	0.02084	0.00039	0.463692	174	1410	78.35	133	2.46	231.8	8.37	157	11.51	**133**
74321_61	0.06742	0.00135	0.02181	0.00092	0.39465	0.00833	0.04247	0.00063	0.70279	126	851	41.15	268.1	3.91	337.8	6.06	436.1	18.3	**268.1**
74321_62	0.05896	0.00178	0.00494	0.00017	0.13005	0.00391	0.016	0.00025	0.519701	121	566	64.42	102.3	1.56	124.1	3.52	99.7	3.34	**102.3**
74321_63	0.06452	0.00134	0.02769	0.00128	0.73254	0.01565	0.08237	0.00117	0.664866	109	759	43.1	510.2	6.99	558	9.17	552	25.26	**510.2**
74321_64	0.14392	0.00359	0.01133	0.00039	0.34816	0.00837	0.01755	0.00028	0.663643	271	2275	42.39	112.1	1.8	303.3	6.3	227.8	7.71	**112.1**
74321_65	0.06411	0.00122	0.02704	0.00112	0.89413	0.01824	0.10116	0.00149	0.722027	104	745	39.73	621.2	8.73	648.6	9.78	539.4	22.03	**621.2**
74321_66	0.08078	0.00124	0.0496	0.00205	2.21209	0.03832	0.19868	0.00282	0.819355	96	1216	29.79	1168.2	15.19	1184.9	12.11	978.5	39.48	**1216.1**
74321_67	0.11367	0.00325	0.00667	0.00028	0.25852	0.00724	0.0165	0.00029	0.627581	221	1859	50.81	105.5	1.81	233.5	5.85	134.4	5.69	**105.5**
74321_68	0.06337	0.00126	0.02599	0.00097	0.80424	0.01676	0.09205	0.0013	0.67769	106	721	41.73	567.6	7.66	599.2	9.43	518.6	19.12	**567.6**
74321_69	0.05141	0.00089	0.01341	0.00054	0.31116	0.00577	0.0439	0.00059	0.724762	99	259	39.23	277	3.65	275.1	4.46	269.2	10.87	**277**
74321_70	0.06058	0.00091	0.02412	0.0009	0.7507	0.01269	0.08988	0.00123	0.809556	102	624	31.99	554.8	7.29	568.6	7.36	481.7	17.78	**554.8**
74321_71	0.06478	0.00208	0.00551	0.00024	0.15193	0.00486	0.01701	0.00027	0.496211	132	767	66.17	108.7	1.72	143.6	4.28	111	4.89	**108.7**
74321_72	0.06774	0.0023	0.00727	0.00037	0.20779	0.00698	0.02224	0.00036	0.481878	135	861	69.01	141.8	2.3	191.7	5.87	146.4	7.33	**141.8**
74321_73	0.06046	0.00188	0.02563	0.00303	0.75366	0.02342	0.0904	0.00153	0.544643	102	620	65.85	557.9	9.07	570.3	13.56	511.4	59.67	**557.9**
74321_74	0.16433	0.00624	0.15774	0.02272	3.21566	0.12002	0.14194	0.0027	0.509654	171	2501	62.54	855.6	15.24	1460.9	28.91	2960.4	396.63	**855.6**
74321_75	0.06902	0.00167	0.04331	0.00428	1.47813	0.03649	0.15533	0.00236	0.615454	99	900	49.23	930.8	13.19	921.5	14.95	856.9	82.94	**930.8**
74321_76	0.05212	0.00165	0.01167	0.00135	0.28479	0.00897	0.03963	0.00066	0.528752	102	291	70.49	250.6	4.12	254.5	7.09	234.5	26.92	**250.6**
74321_77	0.0597	0.00212	0.02421	0.0032	0.80125	0.0281	0.09736	0.00178	0.521316	100	593	74.66	598.9	10.45	597.5	15.84	483.5	63.21	**598.9**
74321_78	0.07835	0.00444	0.01022	0.00125	0.18072	0.00997	0.01673	0.00035	0.379213	158	1156	108.57	107	2.21	168.7	8.57	205.6	25.1	**107**
74321_79	0.06059	0.00183	0.02627	0.00288	0.77602	0.02338	0.0929	0.00152	0.543071	102	625	63.79	572.6	8.97	583.2	13.37	524	56.75	**572.6**
74321_80	0.06137	0.0017	0.029	0.00327	0.85727	0.02391	0.10133	0.00161	0.569673	101	652	58.46	622.2	9.43	628.6	13.07	577.7	64.3	**622.2**
74322_01	0.07454	0.00108	0.0515	0.00172	1.75806	0.02974	0.17108	0.00246	0.850019	96	1055.8	29.22	1018	13.56	1030.1	10.95	1015	33.07	**1055.8**
74322_02	0.05714	0.00118	0.02405	0.00092	0.62678	0.0138	0.07956	0.00121	0.690759	100	496.5	44.86	493.5	7.21	494.1	8.61	480.4	18.07	**493.5**
74322_03	0.07649	0.00183	0.05455	0.00212	1.93292	0.04772	0.18329	0.00298	0.658553	98	1107.9	47.15	1084.9	16.22	1092.5	16.52	1073.6	40.57	**1107.9**
74322_04	0.05991	0.00134	0.03188	0.00131	0.8581	0.0201	0.1039	0.00162	0.665643	99	600.2	47.61	637.2	9.44	629.1	10.98	634.3	25.72	**637.2**
74322_05	0.05833	0.0054	0.00539	0.0005	0.12587	0.01112	0.01565	0.00051	0.36887	120	541.6	191.18	100.1	3.25	120.4	10.03	108.7	9.97	**100.1**
74322_06	0.08287	0.00226	0.05416	0.00231	2.23742	0.06169	0.19583	0.00337	0.624142	91	1266.2	52.25	1152.9	18.16	1192.8	19.35	1066.1	44.35	**1266.2**
74322_07	0.13719	0.00226	0.085	0.0037	6.11903	0.11324	0.32352	0.00489	0.816752	82	2192	28.34	1806.9	23.82	1993	16.15	1648.8	69.01	**2192**
74322_08	0.06231	0.0018	0.02839	0.00147	0.85192	0.02485	0.09916	0.00168	0.580825	103	684.9	60.41	609.5	9.85	625.7	13.62	565.9	28.89	**609.5**
74322_09	0.05914	0.00154	0.02848	0.00152	0.77922	0.02082	0.09556	0.00156	0.610981	99	572.4	55.59	588.3	9.19	585	11.88	567.6	29.78	**588.3**

74322_10	0.05938	0.00447	0.00537	0.00037	0.14167	0.01022	0.01731	0.00048	0.384389	122	581.1	155.55	110.6	3.05	134.5	9.09	108.2	7.51	**110.6**
74322_11	0.0623	0.0053	0.00637	0.00051	0.16615	0.01346	0.01934	0.00061	0.38934	126	684.4	171.83	123.5	3.85	156.1	11.72	128.4	10.34	**123.5**
74322_12	0.05434	0.00265	0.00507	0.00032	0.13744	0.00653	0.01835	0.00038	0.43586	112	385.1	105.39	117.2	2.4	130.8	5.83	102.2	6.5	**117.2**
74322_13	0.04954	0.00188	0.00573	0.00036	0.14059	0.00532	0.02058	0.00037	0.475115	102	173.5	86.13	131.3	2.32	133.6	4.73	115.4	7.25	**131.3**
74322_14	0.0565	0.00485	0.00442	0.00038	0.11647	0.00957	0.01495	0.00046	0.374472	117	471.1	180.25	95.7	2.92	111.9	8.71	89.1	7.65	**95.7**
74322_15	0.06304	0.00247	0.02374	0.00147	0.75902	0.02928	0.08733	0.0017	0.504624	106	709.7	81.16	539.7	10.11	573.4	16.9	474.2	29.08	**539.7**
74322_16	0.04813	0.00504	0.00429	0.00039	0.10111	0.01022	0.01524	0.00051	0.331077	100	105.5	230.52	97.5	3.22	97.8	9.43	86.5	7.91	**97.5**
74322_17	0.05745	0.00152	0.02388	0.00128	0.72102	0.01978	0.09103	0.00152	0.608667	98	508.5	57.49	561.6	8.96	551.3	11.67	476.9	25.36	**561.6**
74322_18	0.05997	0.00132	0.02622	0.00134	0.7945	0.01874	0.0961	0.00154	0.679394	100	602.4	46.89	591.5	9.03	593.7	10.6	523.1	26.45	**591.5**
74322_19	0.06064	0.00221	0.02224	0.00128	0.72322	0.02619	0.08651	0.00162	0.517111	103	626.4	76.59	534.9	9.61	552.6	15.43	444.6	25.23	**534.9**
74322_20	0.09947	0.00169	0.06955	0.00368	3.76852	0.07331	0.2748	0.0042	0.78567	97	1614.2	31.34	1565.1	21.25	1586.1	15.61	1359.1	69.55	**1614.2**
74322_21	0.04973	0.00239	0.00663	0.00044	0.1728	0.00816	0.0252	0.00051	0.428571	101	182.4	108.29	160.5	3.2	161.8	7.06	133.7	8.75	**160.5**
74322_22	0.05924	0.00166	0.02282	0.00138	0.71075	0.02039	0.08703	0.00147	0.588773	101	575.9	59.71	537.9	8.72	545.2	12.1	456.1	27.28	**537.9**
74322_23	0.06001	0.00265	0.02206	0.00153	0.66456	0.02873	0.08032	0.00163	0.469421	104	604	92.64	498.1	9.72	517.4	17.53	441	30.25	**498.1**
74322_24	0.06182	0.00148	0.02616	0.00174	0.82772	0.02078	0.09712	0.00157	0.643916	102	667.8	50.44	597.5	9.24	612.3	11.54	521.9	34.31	**597.5**
74322_25	0.06649	0.00207	0.01202	0.00086	0.36636	0.01143	0.03997	0.0007	0.56134	125	821.7	63.55	252.6	4.36	317	8.49	241.5	17.09	**252.6**
74322_26	0.04696	0.0069	0.00382	0.00056	0.10206	0.01451	0.01577	0.00065	0.289914	98	46.7	318.1	100.8	4.14	98.7	13.37	77	11.37	**100.8**
74322_27	0.06019	0.00213	0.02107	0.00167	0.62671	0.02208	0.07552	0.00138	0.518662	105	610.4	74.82	469.3	8.28	494	13.78	421.5	33.02	**469.3**
74322_28	0.06042	0.00483	0.00377	0.00037	0.1073	0.00819	0.01288	0.00038	0.38653	125	618.6	163.62	82.5	2.42	103.5	7.51	76	7.47	**82.5**
74322_29	0.05833	0.00139	0.02524	0.00249	0.70335	0.0175	0.08747	0.0014	0.643283	100	541.3	52.23	540.5	8.32	540.8	10.43	503.9	49.11	**540.5**
74322_30	0.0626	0.00193	0.02778	0.00246	0.85309	0.02647	0.09884	0.00171	0.557576	103	694.7	64.46	607.6	10.05	626.3	14.51	553.8	48.29	**607.6**
74322_31	0.08258	0.00224	0.04857	0.00262	2.19072	0.06045	0.19238	0.00339	0.638602	90	1259.3	51.94	1134.3	18.31	1178.1	19.24	958.6	50.43	**1259.3**
74322_32	0.0775	0.00137	0.05073	0.00279	2.05373	0.04058	0.19215	0.00297	0.782253	100	1134.2	34.7	1133	16.04	1133.5	13.49	1000.2	53.69	**1134.2**
74322_33	0.0519	0.00223	0.01005	0.00064	0.26699	0.01135	0.03731	0.00071	0.447643	102	280.8	95.36	236.1	4.4	240.3	9.1	202.1	12.87	**236.1**
74322_34	0.0852	0.00343	0.05448	0.00352	2.26242	0.08838	0.19255	0.0041	0.545079	86	1320	76.09	1135.2	22.18	1200.7	27.51	1072.2	67.42	**1320**
74322_35	0.05162	0.00272	0.00459	0.00033	0.1099	0.00563	0.01544	0.00033	0.417211	107	268.5	116.48	98.8	2.11	105.9	5.15	92.6	6.72	**98.8**
74322_36	0.05317	0.0036	0.00989	0.00079	0.28463	0.0186	0.03882	0.00099	0.390254	104	335.9	146.11	245.5	6.13	254.3	14.71	198.9	15.72	**245.5**
74322_37	0.06496	0.00553	0.02745	0.00328	0.85883	0.06982	0.09587	0.00307	0.393897	107	773.1	169.52	590.1	18.07	629.5	38.14	547.4	64.53	**590.1**
74322_38	0.05181	0.0035	0.01087	0.00097	0.27718	0.01809	0.0388	0.00097	0.383057	101	276.9	147.7	245.4	6.04	248.4	14.38	218.5	19.32	**245.4**
74322_39	0.06027	0.00324	0.02241	0.00204	0.71852	0.03725	0.08646	0.00196	0.437274	103	613.2	111.92	534.6	11.64	549.8	22.01	448.1	40.25	**534.6**
74322_40	0.10644	0.00273	0.07404	0.00594	4.27366	0.11075	0.29119	0.00489	0.64802	95	1739.3	46.18	1647.5	24.43	1688.3	21.32	1443.6	111.76	**1739.3**
74322_41	0.05674	0.00303	0.01139	0.00067	0.24891	0.01288	0.03182	0.0007	0.425133	112	480.9	114.13	201.9	4.36	225.7	10.47	228.9	13.34	**201.9**
74322_42	0.07092	0.00138	0.05284	0.00278	1.5609	0.03285	0.15965	0.00241	0.717279	100	955	39.33	954.8	13.39	954.8	13.03	1040.7	53.39	**954.8**

74322_43	0.06327	0.00304	0.03163	0.00205	0.88348	0.04116	0.10129	0.00217	0.459848	103	717.3	98.8	621.9	12.68	642.9	22.19	629.4	40.23	**621.9**
74322_44	0.05568	0.00166	0.01489	0.00094	0.35326	0.01066	0.04602	0.00077	0.554474	106	439.2	64.96	290	4.72	307.2	7.99	298.7	18.69	**290**
74322_45	0.05428	0.00204	0.01834	0.00117	0.38185	0.01421	0.05103	0.00093	0.489729	102	382.6	81.71	320.8	5.68	328.4	10.44	367.4	23.22	**320.8**
74322_46	0.05231	0.0024	0.01098	0.00075	0.219	0.00982	0.03037	0.0006	0.440595	104	299	101.12	192.9	3.76	201.1	8.18	220.7	15.01	**192.9**
74322_47	0.05144	0.00187	0.00949	0.00063	0.18268	0.00658	0.02576	0.00046	0.495766	104	260.7	81.17	164	2.87	170.4	5.65	190.8	12.69	**164**
74322_48	0.05315	0.00405	0.00531	0.00049	0.1159	0.0085	0.01582	0.00043	0.370618	110	335.1	163.72	101.2	2.74	111.3	7.74	107.1	9.92	**101.2**
74322_49	0.06454	0.0044	0.00682	0.00064	0.14754	0.00961	0.01658	0.00044	0.407431	132	759.5	137.61	106	2.81	139.7	8.51	137.4	12.86	**106**
74322_50	0.05042	0.00163	0.01075	0.00081	0.19584	0.00637	0.02818	0.00048	0.523675	101	214.2	73.24	179.1	3.01	181.6	5.41	216.1	16.17	**179.1**
74322_51	0.05246	0.00531	0.01065	0.00124	0.23185	0.02251	0.03206	0.0011	0.353395	104	305.5	215.49	203.4	6.89	211.7	18.55	214.1	24.79	**203.4**
73322_52	0.06076	0.00151	0.04	0.00329	0.92235	0.02392	0.1101	0.00177	0.619898	99	630.8	52.79	673.3	10.27	663.6	12.64	792.8	63.93	**673.3**
74322_53	0.07276	0.00211	0.0579	0.00501	1.64882	0.04853	0.16437	0.00282	0.582894	101	1007.3	57.69	981	15.6	989.1	18.6	1137.6	95.64	**981**
74322_54	0.09028	0.00433	0.03639	0.00339	1.11962	0.05149	0.08996	0.00209	0.505178	137	1431.3	89.05	555.3	12.33	762.8	24.67	722.5	66.11	**555.3**
74322_55	0.05941	0.00221	0.02988	0.00288	0.68936	0.0255	0.08417	0.00156	0.501041	102	582	78.88	520.9	9.3	532.4	15.33	595.2	56.54	**520.9**
74322_56	0.0578	0.00183	0.03243	0.00194	0.71547	0.0228	0.08979	0.00156	0.545197	99	521.9	68.21	554.3	9.22	548	13.5	645	38.03	**554.3**
74322_57	0.11266	0.00224	0.1184	0.00643	5.1947	0.11158	0.33445	0.00529	0.736374	101	1842.7	35.56	1859.9	25.57	1851.7	18.29	2261.7	116.17	**1842.7**
74322_58	0.0636	0.00136	0.03969	0.00256	0.97636	0.02229	0.11135	0.00174	0.684477	102	728.4	44.65	680.6	10.08	691.7	11.45	786.7	49.7	**680.6**
74322_59	0.06426	0.0033	0.01618	0.00107	0.34037	0.01688	0.03842	0.00086	0.451357	122	750.4	104.91	243	5.32	297.5	12.79	324.4	21.24	**243**
74322_60	0.05907	0.00193	0.03654	0.00226	0.85377	0.02796	0.10483	0.00185	0.538877	98	569.7	69.51	642.7	10.8	626.7	15.32	725.3	44.09	**642.7**
74322_61	0.05064	0.00347	0.01735	0.0014	0.31077	0.02056	0.04451	0.00113	0.38374	98	224.5	150.85	280.7	6.95	274.8	15.93	347.7	27.72	**280.7**
74322_62	0.05794	0.00216	0.03367	0.00224	0.73741	0.02726	0.0923	0.00172	0.504092	99	527.3	80.04	569.2	10.13	560.9	15.93	669.4	43.87	**569.2**
74322_63	0.16888	0.00376	0.08874	0.00594	6.55552	0.15274	0.28156	0.00467	0.711869	63	2546.5	36.82	1599.2	23.5	2053.4	20.53	1718.4	110.33	**2546.5**
74322_64	0.06523	0.00226	0.03581	0.00276	0.91877	0.03164	0.10216	0.00187	0.531534	106	781.8	71.15	627.1	10.96	661.7	16.74	711.1	53.88	**627.1**
74322_65	0.0632	0.00199	0.03623	0.00262	0.8654	0.0274	0.09932	0.00174	0.553323	104	715	65.52	610.4	10.23	633.1	14.91	719.3	51.19	**610.4**
74322_66	0.07615	0.00295	0.05835	0.00473	1.83861	0.06995	0.17512	0.00351	0.526833	95	1099.1	75.66	1040.3	19.23	1059.4	25.02	1146.3	90.25	**1099.1**
74322_67	0.05169	0.00154	0.01241	0.00095	0.25288	0.00766	0.03548	0.0006	0.558282	102	271.8	66.97	224.8	3.73	228.9	6.21	249.2	18.99	**224.8**
74322_68	0.05468	0.00233	0.00549	0.00044	0.10675	0.00447	0.01416	0.00028	0.472232	114	399.2	92.19	90.6	1.76	103	4.1	110.7	8.88	**90.6**
74322_69	0.06089	0.00322	0.0175	0.0015	0.38271	0.01956	0.04559	0.00103	0.442047	114	635.5	109.75	287.4	6.32	329	14.36	350.7	29.75	**287.4**
74322_70	0.05971	0.00167	0.03472	0.00336	0.80358	0.02301	0.09761	0.00164	0.586762	100	593.5	59.32	600.4	9.63	598.8	12.95	689.8	65.65	**600.4**
74322_71	0.12468	0.00289	0.12697	0.00942	6.17892	0.15222	0.35943	0.00617	0.696806	98	2024.3	40.46	1979.5	29.25	2001.5	21.53	2416.1	169	**2024.3**
74322_72	0.06031	0.00151	0.03994	0.00331	0.82466	0.02173	0.09917	0.00168	0.642901	100	614.8	53.25	609.5	9.83	610.6	12.09	791.5	64.27	**609.5**
74322_73	0.06673	0.00526	0.00701	0.00072	0.14244	0.01067	0.01548	0.00048	0.41394	137	829.4	156.29	99	3.04	135.2	9.49	141.2	14.39	**99**
74322_74	0.05136	0.00184	0.01784	0.00162	0.30943	0.01109	0.04369	0.00081	0.51729	99	257	80.3	275.7	5	273.7	8.6	357.5	32.13	**275.7**
74322_75	0.05792	0.00439	0.01114	0.00116	0.23564	0.01713	0.0295	0.00085	0.396359	115	526.6	158.46	187.4	5.32	214.8	14.07	223.9	23.29	**187.4**

74322_76	0.05202	0.00223	0.01945	0.00209	0.32093	0.01354	0.04474	0.00089	0.471504	100	286.3	95.04	282.2	5.5	282.6	10.41	389.4	41.4	**282.2**
74322_77	0.05636	0.00198	0.03874	0.00431	0.72049	0.02516	0.09272	0.00171	0.528129	96	465.7	75.94	571.6	10.1	551	14.85	768.3	83.87	**571.6**
74322_78	0.05854	0.00353	0.02635	0.00515	0.71082	0.04133	0.08806	0.00218	0.425767	100	550.2	126.53	544.1	12.9	545.2	24.53	525.7	101.45	**544.1**
74322_79	0.05109	0.00535	0.00495	0.0008	0.10053	0.01008	0.01427	0.00051	0.356436	107	245	224.21	91.3	3.21	97.3	9.3	99.8	16	**91.3**
74322_80	0.074	0.00406	0.04821	0.00784	1.44374	0.07595	0.1415	0.00346	0.464816	106	1041.5	106.99	853.1	19.53	907.3	31.56	951.7	151.09	**853.1**
74323_01	0.05927	0.00226	0.02197	0.00334	0.70726	0.02709	0.08653	0.00161	0.485768	102	577.1	80.87	535	9.56	543.1	16.11	439.2	65.97	**535**
74323_02	0.05138	0.00257	0.00778	0.00064	0.19448	0.00971	0.02746	0.00046	0.335516	103	257.8	110.89	174.6	2.89	180.4	8.25	156.6	12.89	**174.6**
74323_03	0.05098	0.01174	0.00526	0.00084	0.11459	0.02612	0.01631	0.00059	0.158698	106	240	458.67	104.3	3.71	110.2	23.79	106	16.86	**104.3**
74323_04	0.05237	0.00171	0.01124	0.00099	0.30482	0.0101	0.04222	0.00066	0.471789	101	301.8	72.77	266.6	4.05	270.2	7.86	225.8	19.75	**266.6**
74323_05	0.18965	0.00353	0.11086	0.00968	11.91712	0.24033	0.45586	0.00663	0.721183	88	2739.1	30.29	2421.2	29.35	2597.9	18.89	2125	176.15	**2739.1**
74323_06	0.06188	0.0089	0.00758	0.00084	0.2261	0.03223	0.02651	0.00067	0.177299	123	670	281.04	168.6	4.2	207	26.69	152.5	16.79	**168.6**
74323_07	0.07173	0.00249	0.04865	0.00567	1.66885	0.05706	0.1688	0.00283	0.490342	103	978.2	69.11	1005.5	15.62	996.7	21.71	960.1	109.19	**978.2**
74323_08	0.04816	0.01077	0.00502	0.00065	0.10397	0.0231	0.01566	0.00049	0.140832	100	107	457.6	100.2	3.09	100.4	21.24	101.1	13.06	**100.2**
74323_09	0.06225	0.00269	0.02621	0.00292	0.78761	0.03355	0.09179	0.0016	0.409207	104	682.6	89.75	566.1	9.46	589.8	19.06	522.9	57.55	**566.1**
571323_10	0.05651	0.00228	0.02508	0.00261	0.72198	0.02914	0.09269	0.00153	0.408973	97	471.6	87.79	571.4	9	551.8	17.18	500.6	51.37	**571.4**
74323_11	0.05153	0.00627	0.00857	0.00108	0.25251	0.03048	0.03555	0.00081	0.18876	102	264.5	257.52	225.2	5.03	228.6	24.71	172.4	21.57	**225.2**
74323_12	0.0713	0.00169	0.04031	0.00457	1.62202	0.03972	0.16504	0.00246	0.608685	99	965.9	47.64	984.7	13.59	978.8	15.38	798.7	88.79	**984.7**
74323_13	0.05875	0.00514	0.02135	0.00331	0.73172	0.06313	0.09038	0.00215	0.275724	100	557.8	180.21	557.8	12.71	557.6	37.02	427	65.54	**557.8**
74323_14	0.0603	0.00418	0.02633	0.00364	0.7704	0.05218	0.09269	0.00197	0.313795	102	614.2	142.99	571.4	11.65	580	29.93	525.2	71.6	**571.4**
74323_15	0.05033	0.02141	0.00354	0.00215	0.19529	0.08263	0.02815	0.00133	0.111665	101	210.2	768.3	178.9	8.31	181.1	70.19	71.4	43.4	**178.9**
74323_16	0.0424	0.01015	0.00717	0.00128	0.15377	0.03661	0.02631	0.00078	0.124522	87	0.1	309.14	167.4	4.91	145.2	32.22	144.3	25.73	**167.4**
74323_17	0.03736	0.00574	0.00767	0.00103	0.1301	0.0199	0.02526	0.00056	0.144937	77	0.1	0	160.8	3.52	124.2	17.88	154.4	20.66	**160.8**
74323_18	0.0617	0.00168	0.02885	0.00373	0.98514	0.02713	0.11582	0.00178	0.558065	99	663.7	57.18	706.4	10.26	696.2	13.88	574.8	73.26	**706.4**
74323_19	0.06161	0.00177	0.03264	0.00433	1.03604	0.02986	0.12198	0.0019	0.540445	97	660.4	60.44	741.9	10.9	721.9	14.89	649.1	84.69	**741.9**
74323_20	0.06114	0.00181	0.03203	0.00427	1.01483	0.03001	0.12038	0.00189	0.530927	97	644.2	62.4	732.7	10.88	711.3	15.12	637.2	83.69	**732.7**
74323_21	0.05709	0.00163	0.02672	0.00118	0.76862	0.02218	0.0977	0.00144	0.510761	96	494.5	62.18	600.9	8.48	579	12.73	533	23.21	**600.9**
74323_22	0.06016	0.00134	0.02735	0.00129	0.80477	0.01839	0.09709	0.00137	0.617499	100	609.2	47.3	597.4	8.03	599.5	10.35	545.4	25.37	**597.4**
74323_23	0.06032	0.00115	0.02738	0.00131	0.82172	0.01655	0.09884	0.00137	0.688198	100	615.3	40.51	607.6	8.05	609	9.22	546	25.7	**607.6**
74323_24	0.05944	0.00102	0.02802	0.00135	0.83998	0.01544	0.10257	0.00138	0.731948	98	583.2	36.92	629.4	8.09	619.1	8.52	558.6	26.56	**629.4**
74323_25	0.0585	0.00149	0.0254	0.00105	0.77104	0.02019	0.09564	0.00139	0.555029	99	548.7	54.79	588.8	8.18	580.4	11.58	507.1	20.79	**588.8**
74323_26	0.05152	0.00473	0.01016	0.00057	0.21946	0.02	0.03091	0.0006	0.212999	103	264	197.39	196.3	3.75	201.5	16.66	204.2	11.37	**196.3**
74323_27	0.05467	0.00446	0.00861	0.00053	0.22742	0.01839	0.03018	0.00057	0.233562	109	398.9	173.03	191.7	3.57	208.1	15.21	173.3	10.66	**191.7**
74323_28	0.02787	0.01518	0.00734	0.00065	0.06342	0.03448	0.01651	0.00055	0.061274	59	0.1	0	105.6	3.49	62.4	32.93	147.7	13.03	**105.6**

74323_29	0.04418	0.00299	0.00455	0.00023	0.09393	0.00633	0.01543	0.00027	0.259656	92	0.1	57.25	98.7	1.69	91.2	5.87	91.8	4.57	**98.7**
74323_30	0.0475	0.00177	0.00416	0.00017	0.09856	0.00369	0.01506	0.00023	0.407922	99	73.5	86.99	96.4	1.45	95.4	3.41	83.8	3.52	**96.4**
74323_31	0.04727	0.00355	0.0042	0.00188	0.09685	0.00707	0.01486	0.00036	0.331867	99	62.6	170.17	95.1	2.31	93.9	6.55	84.8	37.85	**95.1**
74323_32	0.05093	0.0044	0.00416	0.00188	0.10521	0.00887	0.01498	0.00038	0.300888	106	237.8	187.63	95.9	2.42	101.6	8.15	84	37.78	**95.9**
74323_33	0.06152	0.00443	0.0277	0.01258	0.85195	0.05947	0.10044	0.00246	0.350869	101	657.6	147.23	617	14.39	625.7	32.61	552.3	247.49	**617**
74323_34	0.06202	0.00457	0.02804	0.01289	0.84389	0.06021	0.09869	0.00247	0.350785	102	674.9	150.2	606.7	14.47	621.3	33.16	559	253.44	**606.7**
74323_35	0.06229	0.00453	0.02749	0.01279	0.85458	0.06028	0.09951	0.00245	0.349043	103	684	148.11	611.5	14.35	627.2	33	548.2	251.63	**611.5**
74323_36	0.06196	0.00512	0.02581	0.01275	0.72777	0.0583	0.08519	0.00228	0.334096	105	672.7	167.51	527	13.57	555.2	34.26	515	251.31	**527**
74323_37	0.05804	0.00433	0.02474	0.01173	0.6895	0.04983	0.08617	0.00217	0.348455	100	530.7	156.03	532.9	12.88	532.5	29.95	493.9	231.31	**532.9**
74323_38	0.05619	0.00482	0.02464	0.01227	0.66716	0.05535	0.08612	0.00237	0.331709	97	459	180.42	532.6	14.06	519	33.71	491.9	242.14	**532.6**
74323_39	0.08943	0.02264	0.00887	0.00477	0.34621	0.08638	0.02808	0.0013	0.185555	169	1413.4	419.93	178.5	8.17	301.9	65.16	178.4	95.58	**178.5**
74323_40	0.05768	0.00478	0.02696	0.01322	0.72309	0.05804	0.09093	0.00241	0.330198	98	517.2	172.44	561	14.26	552.5	34.2	537.6	260.25	**561**
74323_41	0.05901	0.00456	0.02681	0.01342	0.69543	0.05197	0.08547	0.00221	0.346003	101	567.6	159.86	528.7	13.12	536.1	31.12	534.7	264.24	**528.7**
74323_42	0.19015	0.01422	0.11326	0.05682	9.66124	0.69904	0.36851	0.00933	0.349916	74	2743.4	117.99	2022.4	43.97	2403	66.58	2168.7	1031.68	**2743.4**
74323_43	0.05394	0.00287	0.00726	0.00037	0.16143	0.00844	0.02171	0.00044	0.387645	110	368.2	115.17	138.5	2.76	152	7.38	146.3	7.34	**138.5**
74323_44	0.05171	0.001	0.01496	0.00066	0.31821	0.0065	0.04464	0.00062	0.679936	100	272.4	43.72	281.5	3.84	280.5	5	300.2	13.22	**281.5**
74323_45	0.06275	0.00104	0.03568	0.00173	0.80809	0.01448	0.09341	0.00127	0.758755	104	699.7	34.96	575.7	7.49	601.4	8.13	708.7	33.79	**575.7**
74323_46	0.0592	0.0011	0.02903	0.00144	0.68672	0.01337	0.08414	0.00115	0.702011	102	574.4	39.76	520.8	6.86	530.8	8.05	578.5	28.24	**520.8**
74323_47	0.04389	0.00338	0.00563	0.0004	0.09979	0.00754	0.01649	0.00034	0.272881	92	0.1	61.94	105.4	2.15	96.6	6.96	113.4	8.08	**105.4**
74323_48	0.05939	0.00082	0.03247	0.00146	0.77511	0.01238	0.09467	0.00129	0.853139	100	581.4	29.81	583.1	7.59	582.7	7.08	645.9	28.59	**583.1**
74323_50	0.06692	0.00317	0.0059	0.00051	0.12849	0.00588	0.01393	0.00026	0.407863	138	835.3	95.74	89.2	1.67	122.7	5.29	118.8	10.16	**89.2**
74323_51	0.05221	0.00106	0.01609	0.00088	0.35566	0.0077	0.04941	0.00072	0.673073	99	294.7	45.77	310.9	4.44	309	5.77	322.7	17.55	**310.9**
74323_52	0.05676	0.00119	0.02836	0.00183	0.73825	0.01585	0.09434	0.00131	0.64677	97	481.5	45.95	581.2	7.7	561.4	9.26	565.3	35.89	**581.2**
74323_53	0.05883	0.00144	0.0305	0.00232	0.75461	0.01905	0.09304	0.00145	0.617342	100	560.6	52.49	573.5	8.53	570.9	11.02	607.2	45.52	**573.5**
74323_54	0.0711	0.00467	0.02812	0.00233	0.87583	0.05637	0.08935	0.00192	0.333871	116	960.2	128.8	551.7	11.39	638.7	30.52	560.6	45.76	**551.7**
74323_55	0.05557	0.00128	0.01528	0.0012	0.36721	0.00869	0.04793	0.00071	0.625959	105	434.8	50.17	301.8	4.34	317.6	6.46	306.5	23.83	**301.8**
74323_56	0.05969	0.00147	0.03136	0.00289	0.82063	0.02046	0.09971	0.00149	0.599362	99	592.9	51.88	612.7	8.72	608.4	11.41	624.2	56.59	**612.7**
74323_57	0.05477	0.0031	0.00887	0.00082	0.19794	0.01101	0.02621	0.0005	0.342965	110	402.7	121.63	166.8	3.16	183.4	9.33	178.4	16.38	**166.8**
74323_58	0.07647	0.00148	0.05323	0.00405	1.55061	0.03205	0.14708	0.00214	0.703938	107	1107.4	38.28	884.6	12.05	950.7	12.76	1048.3	77.78	**884.6**
74323_59	0.04863	0.00133	0.00587	0.00047	0.11593	0.00323	0.01729	0.00027	0.560483	101	130.2	63.2	110.5	1.7	111.4	2.94	118.4	9.41	**110.5**
74323_60	0.15105	0.00301	0.06327	0.00512	4.33552	0.09167	0.20818	0.00307	0.69745	52	2357.9	33.67	1219.1	16.39	1700.1	17.45	1240.1	97.36	**2357.9**
74323_61	0.13793	0.00304	0.05761	0.00518	3.38864	0.07817	0.1782	0.00272	0.661678	48	2201.4	37.84	1057.1	14.87	1501.8	18.09	1132.1	99.03	**2201.4**
74323_62	0.05051	0.0013	0.01058	0.00088	0.22837	0.00603	0.0328	0.00051	0.588868	100	218.5	58.55	208	3.15	208.9	4.98	212.7	17.52	**208**

74323_63	0.05888	0.00128	0.02663	0.00228	0.69306	0.01584	0.08537	0.00128	0.656025	101	562.8	46.74	528.1	7.63	534.6	9.5	531.3	44.88	**528.1**
74323_64	0.0588	0.00128	0.03129	0.0028	0.77853	0.01772	0.09603	0.00144	0.658821	99	559.7	46.64	591.1	8.44	584.6	10.12	622.8	54.97	**591.1**
74323_65	0.05495	0.00368	0.01322	0.00146	0.28089	0.01847	0.03707	0.00076	0.311789	107	410.3	143.18	234.7	4.74	251.4	14.64	265.4	29.2	**234.7**
74323_66	0.06046	0.00195	0.02801	0.00322	0.74814	0.02405	0.08975	0.00152	0.526838	102	620.2	68	554	9	567.1	13.97	558.3	63.22	**554**
74323_68	0.05158	0.004	0.00497	0.00069	0.12291	0.00937	0.01728	0.00038	0.288461	107	266.9	168.5	110.5	2.38	117.7	8.48	100.2	13.94	**110.5**
74323_69	0.0584	0.00186	0.02535	0.00302	0.66679	0.02121	0.08282	0.0014	0.531424	101	544.7	68.08	512.9	8.34	518.8	12.92	506	59.45	**512.9**
74323_70	0.05801	0.00199	0.03129	0.00456	0.76493	0.02592	0.09563	0.00164	0.5061	98	529.9	73.82	588.8	9.64	576.9	14.91	622.8	89.44	**588.8**
74323_71	0.05197	0.00263	0.01393	0.00254	0.29808	0.01465	0.0416	0.00086	0.42063	101	284.1	111.65	262.8	5.35	264.9	11.46	279.6	50.63	**262.8**
74323_72	0.08814	0.00264	0.06882	0.00841	2.85354	0.08593	0.23482	0.00392	0.554358	98	1385.5	56.43	1359.7	20.46	1369.7	22.64	1345.3	159.13	**1385.5**
74323_73	0.05917	0.00239	0.02719	0.0034	0.75998	0.03024	0.09316	0.0017	0.458606	100	573.4	85.36	574.2	10.03	574	17.45	542.3	66.91	**574.2**
74323_75	0.06024	0.00249	0.03289	0.0054	0.8223	0.03325	0.099	0.00185	0.462142	100	612.4	86.9	608.6	10.85	609.3	18.53	654.1	105.75	**608.6**
74323_76	0.06076	0.00251	0.03335	0.00538	0.85773	0.03468	0.1024	0.00191	0.461323	100	630.6	86.59	628.4	11.19	628.9	18.95	663.2	105.31	**628.4**
74324_01	0.05087	0.01059	0.00816	0.00185	0.18872	0.03894	0.0269	0.00085	0.15314	103	234.9	420.43	171.1	5.35	175.5	33.26	164.2	37.01	**171.1**
74324_02	0.06111	0.00552	0.03824	0.00852	0.87078	0.07783	0.1033	0.00215	0.232862	100	643.2	183.26	633.7	12.55	636	42.24	758.5	165.83	**633.7**
74324_03	0.05313	0.00464	0.01419	0.00317	0.35333	0.03036	0.04822	0.00105	0.25342	101	334.2	186.45	303.6	6.46	307.2	22.78	284.8	63.19	**303.6**
74324_04	0.05398	0.00752	0.01279	0.00298	0.36731	0.05048	0.04933	0.00139	0.20503	102	369.9	286.79	310.4	8.53	317.7	37.49	256.9	59.38	**310.4**
74324_05	0.05912	0.00418	0.02664	0.00622	0.7722	0.05396	0.09469	0.00181	0.273547	100	571.5	146.92	583.2	10.64	581	30.91	531.4	122.44	**583.2**
74324_06	0.05935	0.00318	0.02569	0.00611	0.7848	0.04139	0.09586	0.0017	0.33626	100	580	112.18	590.1	10.03	588.2	23.55	512.7	120.45	**590.1**
74324_07	0.0474	0.01253	0.01153	0.00295	0.24754	0.06474	0.03786	0.00162	0.163609	94	68.9	532.38	239.5	10.05	224.6	52.69	231.7	59.04	**239.5**
74324_08	0.0586	0.00645	0.02102	0.00544	0.71447	0.07774	0.08838	0.00206	0.214216	100	552.4	223.8	545.9	12.22	547.4	46.04	420.5	107.77	**545.9**
74324_09	0.05864	0.00374	0.02471	0.00643	0.76054	0.0477	0.09401	0.00183	0.310371	99	553.8	133.48	579.2	10.8	574.3	27.51	493.3	126.83	**579.2**
74324_10	0.05316	0.0126	0.01276	0.00358	0.30681	0.07219	0.04183	0.00135	0.137163	103	335.7	463.07	264.2	8.38	271.7	56.09	256.2	71.47	**264.2**
74324_11	0.05757	0.00418	0.02293	0.00626	0.71048	0.05081	0.08945	0.00176	0.275128	99	513.2	152.21	552.3	10.39	545	30.16	458.3	123.72	**552.3**
74324_12	0.06086	0.00598	0.03883	0.03337	0.84017	0.08068	0.10007	0.00268	0.27889	101	634.4	198.46	614.8	15.72	619.2	44.52	770	649.27	**614.8**
74324_13	0.06904	0.01239	0.07263	0.06062	1.83484	0.32276	0.19274	0.00806	0.237729	126	900	331.8	1136.2	43.54	1058	115.6	1417.2	1142.38	**1136.2**
74324_14	0.04104	0.01504	0.0126	0.01029	0.189	0.0688	0.03341	0.00151	0.124158	83	0.1	455.22	211.9	9.45	175.8	58.75	253	205.37	**211.9**
74324_15	0.06198	0.00674	0.03186	0.02508	0.74082	0.07854	0.08676	0.00245	0.26636	105	673.4	216.96	536.3	14.54	562.9	45.81	633.9	491.32	**536.3**
74324_16	0.0563	0.00584	0.03401	0.02611	0.7581	0.07642	0.09777	0.00268	0.271925	95	463.6	215.3	601.3	15.73	572.9	44.14	676	510.34	**601.3**
74324_17	0.05949	0.00605	0.03428	0.02572	0.88098	0.08696	0.10757	0.00292	0.275003	97	585.2	206.66	658.6	16.99	641.5	46.94	681.2	502.72	**658.6**
74324_18	0.06596	0.01133	0.00732	0.00537	0.19304	0.03261	0.02127	0.0007	0.194817	132	805	323.65	135.7	4.42	179.2	27.75	147.3	107.8	**135.7**
74324_19	0.06628	0.01425	0.03743	0.02727	0.91746	0.19465	0.10063	0.00368	0.172367	107	815.2	394.82	618.1	21.55	661	103.1	742.8	531.32	**618.1**
74324_20	0.07398	0.01156	0.05527	0.03899	2.00744	0.30589	0.19734	0.00717	0.238441	112	1041	286.69	1161	38.63	1118	103.3	1087.3	746.89	**1041**
74324_21	0.05549	0.00653	0.02901	0.02009	0.73703	0.08386	0.09664	0.00293	0.266466	94	431.6	243.25	594.7	17.23	560.7	49.02	577.9	394.7	**594.7**

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74324_22	0.0607	0.00699	0.02585	0.01758	0.81033	0.09	0.09717	0.00286	0.265004	101	628.6	230.43	597.8	16.79	602.6	50.48	515.8	346.41	**597.8**
74324_23	0.05679	0.00773	0.02404	0.02025	0.68899	0.09135	0.08792	0.00304	0.26079	98	482.6	276.11	543.2	17.99	532.2	54.92	480.2	399.75	**543.2**
74324_24	0.16962	0.02126	0.0984	0.08529	9.39997	1.14509	0.40157	0.01317	0.269223	85	2553.9	195.88	2176.2	60.56	2377.8	111.8	1897	1569.51	**2553.9**
74324_25	0.04719	0.01264	0.0094	0.00845	0.21093	0.05591	0.03239	0.00134	0.156078	95	58.4	539.11	205.5	8.38	194.3	46.88	189.2	169.2	**205.5**
74324_26	0.04618	0.01867	0.00579	0.00538	0.10505	0.04211	0.01648	0.00089	0.134724	96	7.1	762.37	105.4	5.64	101.4	38.69	116.8	108.05	**105.4**
74324_27	0.06166	0.00981	0.02857	0.02709	0.78237	0.12135	0.09192	0.00344	0.24128	104	662.5	308.4	566.9	20.33	586.8	69.13	569.4	532.27	**566.9**
74324_28	0.05934	0.01203	0.02327	0.02302	0.75493	0.14962	0.09216	0.00417	0.228302	100	579.6	388.4	568.3	24.6	571.1	86.57	464.9	454.78	**568.3**
74324_29	0.08258	0.01102	0.01071	0.0108	0.60524	0.07825	0.05309	0.00185	0.269527	144	1259.4	240.84	333.5	11.31	480.6	49.5	215.2	215.92	**333.5**
74324_30	0.06671	0.00905	0.03983	0.04146	1.17804	0.15482	0.12793	0.00449	0.267059	102	828.6	260.1	776	25.67	790.4	72.18	789.4	805.83	**776**
74324_31	0.05491	0.01576	0.00905	0.00982	0.11819	0.03345	0.01559	0.00076	0.172247	114	408.6	539.46	99.7	4.84	113.4	30.37	182	196.77	**99.7**
74324_32	0.05506	0.00769	0.02628	0.0292	0.62645	0.08466	0.0824	0.00295	0.264913	97	414.7	285.18	510.4	17.58	493.9	52.85	524.3	574.99	**510.4**
74324_33	0.01957	0.02704	0.00756	0.00885	0.04167	0.05753	0.01542	0.001	0.046973	42	0.1	29.25	98.7	6.35	41.5	56.08	152.2	177.53	**98.7**
74324_34	0.05297	0.00792	0.01361	0.01186	0.34261	0.05018	0.04686	0.00174	0.253522	101	327.4	308.01	295.2	10.74	299.1	37.95	273.3	236.55	**295.2**
74324_35	0.03918	0.00775	0.00576	0.005	0.10055	0.01962	0.01858	0.00072	0.198596	82	0.1	45.18	118.7	4.58	97.3	18.1	116	100.43	**118.7**
74324_36	0.21099	0.02957	0.10079	0.08757	9.25657	1.26853	0.3176	0.01189	0.273181	61	2913.1	210.54	1778	58.17	2363.7	125.6	1940.9	1607.94	**2913.1**
74324_37	0.05355	0.01143	0.02567	0.02235	0.69969	0.14729	0.09454	0.00399	0.200489	92	352.2	421.54	582.4	23.51	538.6	87.99	512.4	440.4	**582.4**
74324_38	0.07983	0.02865	0.0033	0.00315	0.1744	0.06188	0.0158	0.00093	0.165891	161	1192.8	581.17	101.1	5.89	163.2	53.5	66.6	63.49	**101.1**
74324_39	0.06964	0.01446	0.00571	0.00511	0.16746	0.03419	0.01739	0.00078	0.219688	141	917.7	377.06	111.1	4.92	157.2	29.73	115.1	102.68	**111.1**
74324_40	0.03948	0.00856	0.00474	0.00415	0.09113	0.01954	0.01668	0.00067	0.187334	83	0.1	101.5	106.7	4.24	88.6	18.19	95.5	83.58	**106.7**
74324_41	0.06255	0.00954	0.03664	0.03207	1.02534	0.15334	0.11845	0.00454	0.256291	99	693	295.09	721.6	26.16	716.6	76.87	727.3	625.26	**721.6**
740324_42	0.05515	0.00912	0.02471	0.02166	0.66764	0.10854	0.08744	0.00344	0.241992	96	418.1	332.42	540.4	20.37	519.3	66.09	493.3	427.17	**540.4**
74324_43	0.05998	0.00907	0.03086	0.02705	0.79024	0.11736	0.09513	0.0036	0.254814	101	602.7	297.37	585.8	21.2	591.3	66.56	614.2	530.38	**585.8**
74324_44	0.0537	0.02005	0.00544	0.00484	0.11902	0.04402	0.016	0.00091	0.153777	112	358.2	676.25	102.3	5.79	114.2	39.95	109.7	97.3	**102.3**
741324_45	0.05685	0.0097	0.01829	0.01634	0.73022	0.12256	0.09267	0.00375	0.2411	97	485	338.66	571.3	22.09	556.7	71.93	366.2	324.41	**571.3**
74324_46	0.0614	0.00621	0.03021	0.00538	0.89566	0.08898	0.10574	0.00268	0.255121	100	653.1	203.26	648	15.62	649.4	47.66	601.6	105.58	**648**
74324_47	0.05284	0.01075	0.01064	0.00203	0.29246	0.05907	0.04012	0.00116	0.143152	103	321.7	406.11	253.6	7.19	260.5	46.41	213.9	40.61	**253.6**
74324_48	0.04217	0.01985	0.00565	0.00121	0.11635	0.05454	0.02	0.0009	0.095998	88	0.1	674.72	127.6	5.72	111.8	49.6	113.9	24.35	**127.6**
74324_49	0.05452	0.01376	0.01471	0.00303	0.32548	0.0812	0.04328	0.00183	0.169485	105	392.5	484.56	273.1	11.34	286.1	62.2	295.2	60.34	**273.1**
776324_50	0.05269	0.00563	0.01176	0.00212	0.31856	0.03371	0.04383	0.00094	0.20267	102	315.6	225.61	276.5	5.82	280.8	25.96	236.3	42.31	**276.5**
74324_51	0.05082	0.02116	0.01701	0.00387	0.30099	0.12465	0.04293	0.00196	0.110244	99	232.9	752.5	271	12.1	267.2	97.28	340.8	76.87	**271**
74324_52	0.13724	0.00458	0.09747	0.01757	6.87356	0.22883	0.36311	0.00595	0.492207	91	2192.7	56.83	1996.9	28.12	2095.3	29.51	1879.8	323.66	**2192.7**
74324_53	0.04736	0.00841	0.01014	0.00204	0.21906	0.0385	0.03354	0.00103	0.174734	95	66.9	376.19	212.6	6.44	201.1	32.07	204	40.9	**212.6**
74324_54	0.05203	0.00881	0.00894	0.00187	0.26405	0.04431	0.0368	0.00102	0.165172	102	286.7	346.79	233	6.34	237.9	35.59	180	37.46	**233**

74324_55	0.04811	0.0144	0.00511	0.00133	0.11581	0.0344	0.01746	0.00072	0.138828	100	104.5	587.09	111.6	4.56	111.3	31.3	102.9	26.76	**111.6**
74324_56	0.07552	0.0034	0.04735	0.01018	1.69904	0.07562	0.16314	0.00292	0.402151	103	1082.5	87.8	974.2	16.19	1008.2	28.45	935.1	196.37	**974.2**
74324_57	0.05092	0.01211	0.01002	0.00245	0.25531	0.06019	0.03636	0.00129	0.150491	100	237.1	471.93	230.2	8.01	230.9	48.68	201.6	48.97	**230.2**
74324_58	0.04918	0.00472	0.01358	0.00317	0.30922	0.02931	0.0456	0.001	0.231359	95	156.3	210.13	287.4	6.19	273.6	22.73	272.6	63.29	**287.4**
74324_59	0.06636	0.00266	0.03905	0.00915	1.22319	0.04897	0.13369	0.0022	0.411043	100	817.6	81.5	808.9	12.53	811.2	22.36	774.2	177.92	**808.9**
74324_60	0.05581	0.00346	0.01738	0.00426	0.47354	0.02892	0.06154	0.00125	0.332591	102	444.4	132.69	385	7.57	393.6	19.93	348.3	84.6	**385**
74324_61	0.07426	0.00234	0.04953	0.00375	1.5159	0.04628	0.14806	0.00245	0.542008	105	1048.5	62.21	890.1	13.74	936.8	18.68	977.1	72.23	**890.1**
74324_62	0.06169	0.00208	0.03262	0.0028	0.74163	0.02425	0.08719	0.00145	0.508601	105	663.4	70.6	538.9	8.58	563.4	14.14	648.8	54.87	**538.9**
74324_63	0.06069	0.00162	0.03469	0.00312	0.83275	0.02184	0.09953	0.00151	0.578475	101	628.1	56.39	611.6	8.83	615.1	12.1	689.2	60.88	**611.6**
74324_64	0.06117	0.00212	0.03052	0.00315	0.71926	0.02416	0.08528	0.00145	0.506186	104	645.2	72.64	527.6	8.6	550.2	14.27	607.7	61.7	**527.6**
74324_65	0.05199	0.00306	0.01912	0.00217	0.38069	0.02156	0.0531	0.00118	0.392383	98	285.1	129.11	333.5	7.22	327.5	15.86	382.8	43.1	**333.5**
74324_66	0.06173	0.00232	0.03306	0.00396	0.80372	0.02938	0.09443	0.00169	0.489587	103	664.8	78.42	581.7	9.97	598.9	16.54	657.4	77.47	**581.7**
74324_67	0.05382	0.00358	0.00958	0.00129	0.19269	0.01235	0.02597	0.00064	0.384503	108	363.3	143.27	165.3	4.01	178.9	10.51	192.6	25.86	**165.3**
74324_68	0.10333	0.00381	0.0828	0.01194	3.39821	0.12308	0.23852	0.00446	0.516265	82	1684.8	66.49	1379	23.23	1504	28.41	1607.8	222.95	**1684.8**
74324_69	0.0708	0.00295	0.05275	0.00831	1.55012	0.06375	0.1588	0.00313	0.479269	100	951.5	83.13	950.1	17.41	950.5	25.38	1038.9	159.5	**950.1**
74324_70	0.0635	0.00344	0.03328	0.0057	0.82521	0.04363	0.09425	0.00216	0.433463	105	725.1	110.78	580.6	12.71	610.9	24.27	661.8	111.49	**580.6**
74324_71	0.1131	0.00587	0.11104	0.02449	5.45258	0.27724	0.34965	0.00778	0.437615	104	1849.7	91.06	1932.9	37.16	1893.2	43.63	2128.3	445.49	**1849.7**
74324_72	0.0591	0.00394	0.03015	0.00684	0.71008	0.04567	0.08713	0.00227	0.405074	101	570.9	138.64	538.5	13.45	544.8	27.12	600.4	134.24	**538.5**
74324_73	0.54235	0.03895	0.10102	0.02354	4.16363	0.2577	0.05568	0.00234	0.679007	477	4360.7	101.28	349.3	14.31	1666.9	50.67	1945.1	432.13	**349.3**
74324_74	0.0519	0.00314	0.01692	0.00401	0.32839	0.01915	0.04589	0.0011	0.411051	100	280.9	132.63	289.2	6.77	288.3	14.63	339.1	79.61	**289.2**
74324_75	0.06329	0.00365	0.03819	0.00925	0.97635	0.05423	0.11187	0.00261	0.420042	101	718.1	118.01	683.6	15.14	691.7	27.86	757.4	180.16	**683.6**
74324_76	0.07158	0.00598	0.00722	0.00182	0.15862	0.0126	0.01607	0.0005	0.391689	145	973.9	161.64	102.8	3.15	149.5	11.04	145.4	36.59	**102.8**
74324_77	0.05852	0.0036	0.03403	0.00859	0.74086	0.04353	0.09182	0.00222	0.411494	99	549.3	129.06	566.3	13.13	562.9	25.39	676.3	167.9	**566.3**
74324_78	0.06991	0.00467	0.05213	0.0136	1.44138	0.09147	0.14953	0.00392	0.413102	101	925.8	131.3	898.3	21.96	906.3	38.04	1027	261.18	**898.3**
74324_79	0.05775	0.0038	0.02992	0.00789	0.66269	0.04131	0.08322	0.0021	0.404806	100	520.1	138.49	515.3	12.52	516.3	25.23	595.8	154.85	**515.3**
74324_80	0.10799	0.00694	0.0977	0.02636	4.29598	0.25987	0.28854	0.00735	0.421102	93	1765.7	113.06	1634.2	36.75	1692.6	49.82	1884.1	485.42	**1765.7**
74325_01	0.07103	0.00129	0.05137	0.00307	1.47851	0.02709	0.15105	0.00187	0.675672	102	958	36.71	906.9	10.47	921.6	11.1	1012.5	59.05	**906.9**
74325_02	0.05419	0.00207	0.00505	0.00028	0.10509	0.00393	0.01407	0.00022	0.418117	113	379	83.12	90.1	1.41	101.5	3.62	101.8	5.6	**90.1**
74325_03	0.05886	0.00161	0.02587	0.00138	0.7331	0.01997	0.09037	0.00132	0.53621	100	562	58.56	557.7	7.82	558.4	11.7	516.3	27.25	**557.7**
74325_04	0.09628	0.0016	0.0683	0.0036	3.05453	0.0532	0.23014	0.00299	0.745954	86	1553	30.86	1335.2	15.68	1421.4	13.32	1335.3	68.04	**1553.3**
74325_05	0.09019	0.00422	0.01881	0.00145	0.58764	0.02631	0.04728	0.00099	0.467679	158	1430	86.82	297.8	6.09	469.4	16.83	376.7	28.8	**297.8**
74325_06	0.08678	0.0024	0.0526	0.00405	2.49998	0.06938	0.20897	0.00343	0.591442	90	1356	52.38	1223.3	18.31	1272	20.13	1036.2	77.73	**1355.6**
74325_07	0.0592	0.00152	0.02474	0.00149	0.69268	0.01777	0.08487	0.00122	0.560339	102	574	54.72	525.1	7.26	534.4	10.66	494	29.32	**525.1**

74325_08	0.0749	0.00198	0.0356	0.00295	1.47391	0.0398	0.14272	0.00228	0.591613	107	1066	52.35	860	12.85	919.7	16.34	707.1	57.62	**860**
74325_09	0.05361	0.00138	0.01567	0.00105	0.39143	0.01013	0.05294	0.00076	0.554721	101	355	57.07	332.6	4.66	335.4	7.39	314.3	20.95	**332.6**
74325_10	0.10567	0.00196	0.08115	0.00538	4.4598	0.08705	0.30606	0.00418	0.699707	100	1726	33.63	1721.3	20.64	1723.5	16.19	1577	100.53	**1726**
74325_11	0.06019	0.00134	0.02527	0.00176	0.7899	0.01812	0.09517	0.00136	0.622949	101	610	47.39	586	8	591.1	10.28	504.5	34.71	**586**
74325_12	0.05452	0.00302	0.01086	0.00111	0.34429	0.01863	0.0458	0.00097	0.391397	104	393	119.4	288.7	6	300.4	14.07	218.3	22.11	**288.7**
74325_13	0.05287	0.00202	0.01365	0.00176	0.33756	0.01257	0.04632	0.0008	0.463807	101	323	84.71	291.9	4.91	295.3	9.54	274	35.05	**291.9**
74325_14	0.05973	0.00253	0.01149	0.00174	0.15852	0.0065	0.01926	0.00035	0.443182	121	594	89.27	123	2.21	149.4	5.7	231	34.85	**123**
74325_15	0.08046	0.0061	0.00561	0.00078	0.17978	0.01308	0.01621	0.00042	0.356123	162	1208	142.33	103.7	2.68	167.9	11.26	113.2	15.76	**103.7**
74325_16	0.04998	0.00219	0.00564	0.00085	0.13274	0.00564	0.01927	0.00035	0.427473	103	194	98.84	123	2.22	126.6	5.06	113.7	17.13	**123**
74325_17	0.10671	0.00497	0.07737	0.01369	3.1642	0.14232	0.21515	0.00445	0.45985	72	1744	83.03	1256.2	23.6	1448.5	34.7	1506.3	256.91	**1744**
74325_18	0.05385	0.00201	0.02	0.00292	0.50821	0.01852	0.06848	0.00118	0.472847	98	365	81.78	427	7.12	417.2	12.47	400.3	57.85	**427**
74325_20	0.06111	0.00346	0.02704	0.00578	0.7423	0.04048	0.08814	0.00195	0.405696	104	643	117.38	544.5	11.58	563.7	23.59	539.3	113.79	**544.5**
74325_21	0.10822	0.00724	0.09062	0.02482	4.47704	0.28836	0.30011	0.00811	0.419562	96	1770	117.4	1691.8	40.23	1726.7	53.46	1753.3	459.89	**1769.6**
74325_22	0.05027	0.00418	0.01366	0.00405	0.3141	0.02516	0.04531	0.0014	0.385737	97	208	182.2	285.7	8.66	277.4	19.44	274.2	80.72	**285.7**
74325_23	0.07194	0.0044	0.00734	0.00125	0.19121	0.0113	0.01928	0.00044	0.386169	144	984	119.64	123.1	2.75	177.7	9.63	147.9	25.05	**123.1**
74325_24	0.05107	0.00269	0.00809	0.00142	0.17507	0.009	0.02487	0.0005	0.391078	103	244	117.02	158.4	3.16	163.8	7.77	162.9	28.52	**158.4**
74325_25	0.06525	0.00465	0.02369	0.00724	0.76363	0.05221	0.0849	0.00229	0.394509	110	782	143.15	525.3	13.62	576.1	30.06	473.3	142.86	**525.3**
74325_26	0.09726	0.008	0.06423	0.02012	2.73574	0.21505	0.20403	0.00643	0.400915	76	1572	146.63	1196.9	34.41	1338.2	58.45	1258.2	382.08	**1572.3**
74325_27	0.06544	0.00481	0.02541	0.00733	0.7786	0.05499	0.08631	0.00238	0.390433	110	789	147.21	533.7	14.12	584.7	31.39	507.1	144.41	**533.7**
74325_28	0.05876	0.00466	0.00959	0.00292	0.27204	0.02066	0.03358	0.00098	0.38428	115	558	164.02	212.9	6.12	244.3	16.49	192.8	58.53	**212.9**
74325_29	0.05637	0.00439	0.01422	0.00413	0.40515	0.03026	0.05213	0.00148	0.38012	105	466	164.63	327.6	9.09	345.4	21.86	285.3	82.35	**327.6**
74325_30	0.06376	0.00404	0.02722	0.00703	0.78938	0.0481	0.0898	0.00218	0.398402	107	734	128.77	554.4	12.88	590.8	27.3	542.9	138.42	**554.4**
74325_31	0.092	0.00718	0.0805	0.02442	2.14001	0.15969	0.16873	0.00492	0.390761	68	1467	141.55	1005.1	27.13	1161.8	51.64	1564.8	456.78	**1467.3**
74325_32	0.08976	0.01202	0.04678	0.02484	2.19582	0.28002	0.17745	0.00819	0.361923	74	1420	236.43	1053	44.84	1179.7	88.97	924.1	479.55	**1420.4**
74325_33	0.08548	0.00747	0.00759	0.00221	0.24919	0.02083	0.02115	0.00066	0.373315	167	1327	160.4	134.9	4.15	225.9	16.93	152.9	44.3	**134.9**
74325_34	0.0792	0.00596	0.05221	0.01519	1.91246	0.13811	0.17516	0.00487	0.385	88	1177	142.08	1040.5	26.73	1085.4	48.15	1028.6	291.84	**1177**
74325_36	0.07294	0.0059	0.02772	0.0083	0.97013	0.07493	0.09647	0.00283	0.379812	116	1012	155.77	593.7	16.62	688.5	38.62	552.7	163.26	**593.7**
74325_38	0.06063	0.00758	0.03093	0.01632	0.83631	0.10016	0.10013	0.00439	0.366078	100	626	248.9	615.2	25.72	617.1	55.38	615.8	319.88	**615.2**
74325_39	0.12022	0.01293	0.00938	0.00354	0.32474	0.03314	0.01961	0.00079	0.39476	228	1960	180.46	125.2	4.98	285.5	25.4	188.6	70.83	**125.2**
74325_40	0.05281	0.00421	0.01597	0.00463	0.36559	0.02811	0.05022	0.00139	0.359974	100	321	171.03	315.9	8.51	316.4	20.9	320.3	92.14	**315.9**
74325_42	0.05736	0.00469	0.01647	0.00568	0.3562	0.02795	0.04506	0.00135	0.381816	109	505	170.76	284.1	8.31	309.4	20.93	330.3	112.91	**284.1**
74325_43	0.05049	0.00396	0.01148	0.0038	0.26202	0.01972	0.03766	0.00109	0.384569	99	218	171.91	238.3	6.75	236.3	15.87	230.8	75.85	**238.3**
74325_44	0.08204	0.01087	0.05276	0.02724	2.21913	0.28072	0.19644	0.00941	0.378677	93	1246	239.36	1156.1	50.72	1187.1	88.55	1039.3	523.02	**1246.4**

74325_46	0.06477	0.00645	0.0183	0.00751	0.40463	0.03855	0.04533	0.00164	0.379745	121	767	196.83	285.8	10.13	345	27.86	366.6	148.99	**285.8**
74325_47	0.05509	0.00723	0.00677	0.00373	0.14785	0.01845	0.01948	0.00089	0.366122	113	416	269.34	124.4	5.6	140	16.32	136.3	74.79	**124.4**
74325_48	0.04878	0.00478	0.00531	0.00175	0.10442	0.00988	0.01553	0.00048	0.32666	102	138	215.1	99.3	3.05	100.8	9.08	106.9	35.24	**99.3**
74325_49	0.0699	0.00654	0.03145	0.01243	1.30404	0.11678	0.13535	0.00466	0.384459	104	926	181.17	818.3	26.48	847.5	51.46	626	243.62	**818.3**
74325_51	0.05988	0.00672	0.03092	0.01561	0.78015	0.08272	0.09447	0.00367	0.366387	101	599	225.95	581.9	21.64	585.6	47.19	615.5	306.04	**581.9**
74325_52	0.06248	0.00687	0.02753	0.01335	0.7869	0.08208	0.09134	0.00354	0.371556	105	691	218.67	563.5	20.93	589.4	46.64	548.9	262.57	**563.5**
74325_53	0.05522	0.00511	0.01318	0.00548	0.32021	0.0282	0.04205	0.00137	0.369948	106	421	194.4	265.6	8.49	282.1	21.69	264.6	109.39	**265.6**
74325_54	0.07186	0.01001	0.05425	0.03352	1.67468	0.22227	0.16899	0.00822	0.36649	102	982	260.35	1006.6	45.33	999	84.38	1067.8	642.58	**982.1**
74325_55	0.05399	0.00707	0.00798	0.00333	0.17098	0.02166	0.02297	0.00087	0.298982	109	371	270.83	146.4	5.48	160.3	18.79	160.6	66.82	**146.4**
74325_56	0.05958	0.00564	0.00586	0.00234	0.14735	0.01334	0.01794	0.00059	0.363265	122	589	193.02	114.6	3.71	139.6	11.81	118.2	47.04	**114.6**
74325_57	0.05192	0.00497	0.00649	0.0026	0.13881	0.01277	0.01939	0.00063	0.353177	107	282	204.96	123.8	3.98	132	11.38	130.8	52.17	**123.8**
74325_58	0.1182	0.01077	0.09978	0.04297	4.91377	0.42891	0.30149	0.00988	0.375433	88	1929	154.8	1698.7	48.92	1804.6	73.64	1922.3	789.78	**1929.2**
74325_60	0.07192	0.01349	0.0481	0.03964	1.4984	0.26757	0.15107	0.00968	0.358829	103	984	341.05	907	54.23	929.7	108.8	949.6	764.45	**907**
74325_61	0.09942	0.01216	0.00727	0.00365	0.22534	0.02624	0.01644	0.00072	0.376102	196	1613	211.99	105.1	4.58	206.3	21.74	146.4	73.23	**105.1**
74325_62	0.08318	0.01143	0.01288	0.0072	0.26416	0.03456	0.02304	0.00111	0.368242	162	1273	246.88	146.8	7.01	238	27.76	258.8	143.71	**146.8**
74325_63	0.08966	0.01662	0.03625	0.02918	1.19503	0.21063	0.09666	0.00612	0.359222	134	1418	318.27	594.8	35.97	798.3	97.43	719.6	569.19	**594.8**
74325_64	0.10739	0.00941	0.09051	0.03892	4.91831	0.4158	0.33218	0.01058	0.376742	105	1756	152.3	1848.9	51.19	1805.4	71.34	1751.3	721.41	**1755.6**
773325_65	0.06752	0.01016	0.01565	0.01041	0.40334	0.05869	0.04332	0.00235	0.372809	126	854	284.9	273.4	14.52	344.1	42.47	313.8	207.1	**273.4**
74325_66	0.05958	0.00965	0.01605	0.0113	0.35455	0.0539	0.04317	0.00234	0.356552	113	589	317.24	272.5	14.48	308.1	40.4	321.8	224.87	**272.5**
74325_67	0.04962	0.00994	0.0156	0.01261	0.32667	0.06261	0.04776	0.00327	0.357231	95	177	410.48	300.8	20.13	287	47.92	313	250.92	**300.8**
74325_68	0.07276	0.00814	0.02923	0.0148	0.95214	0.1009	0.09496	0.00375	0.372649	116	1007	211.62	584.8	22.07	679.2	52.48	582.4	290.65	**584.8**
74325_69	0.06589	0.00786	0.00658	0.00333	0.16533	0.01877	0.01821	0.00074	0.357939	134	803	231.84	116.3	4.71	155.4	16.35	132.6	66.92	**116.3**
74325_70	0.06049	0.00793	0.02801	0.01616	0.76542	0.09518	0.09186	0.00421	0.368561	102	621	260.18	566.6	24.84	577.1	54.74	558.4	317.74	**566.6**
74325_71	0.104	0.02389	0.10239	0.10086	5.42242	1.16287	0.37953	0.02983	0.366496	122	1697	372.48	2074.1	139.39	1888.4	183.9	1970.2	1849.27	**1696.8**
74325_72	0.05027	0.00605	0.00599	0.00309	0.13264	0.01521	0.01915	0.00079	0.359752	103	207	256.86	122.3	4.97	126.5	13.64	120.8	62.13	**122.3**
74325_73	0.06164	0.00682	0.03508	0.0179	0.84705	0.08912	0.09974	0.0039	0.371646	102	662	220.82	612.9	22.86	623	48.99	696.9	349.56	**612.9**
74325_74	0.10818	0.01582	0.09507	0.06298	5.02652	0.69915	0.33716	0.01714	0.365487	106	1769	245.69	1873	82.65	1823.8	117.8	1835.7	1162.44	**1768.9**
74325_76	0.05306	0.00683	0.01451	0.00793	0.33544	0.04111	0.04593	0.00208	0.369517	101	331	268.2	289.5	12.81	293.7	31.26	291.1	157.94	**289.5**
74325_77	0.07976	0.0085	0.06252	0.0308	2.41377	0.24519	0.21965	0.00833	0.373342	107	1191	197.06	1280	44.02	1246.7	72.93	1225.8	585.91	**1191**
74325_78	0.06551	0.00697	0.04095	0.02013	1.24022	0.12576	0.13746	0.00521	0.373781	99	791	208.62	830.3	29.52	819	57	811.1	390.81	**830.3**
74325_79	0.05163	0.00589	0.01266	0.00648	0.29232	0.03181	0.0411	0.00165	0.368924	100	269	242.08	259.6	10.22	260.4	24.99	254.3	129.32	**259.6**
74325_80	0.07632	0.00851	0.05489	0.02759	1.88247	0.20017	0.17918	0.00712	0.373697	96	1103	208.11	1062.5	38.95	1074.9	70.51	1080.1	528.64	**1103.4**
74326_01	0.08337	0.00225	0.02696	0.0133	2.48386	0.0675	0.21609	0.0036	0.613043	100	1277.7	51.95	1261.2	19.08	1267.3	19.67	537.7	261.81	**1277.7**
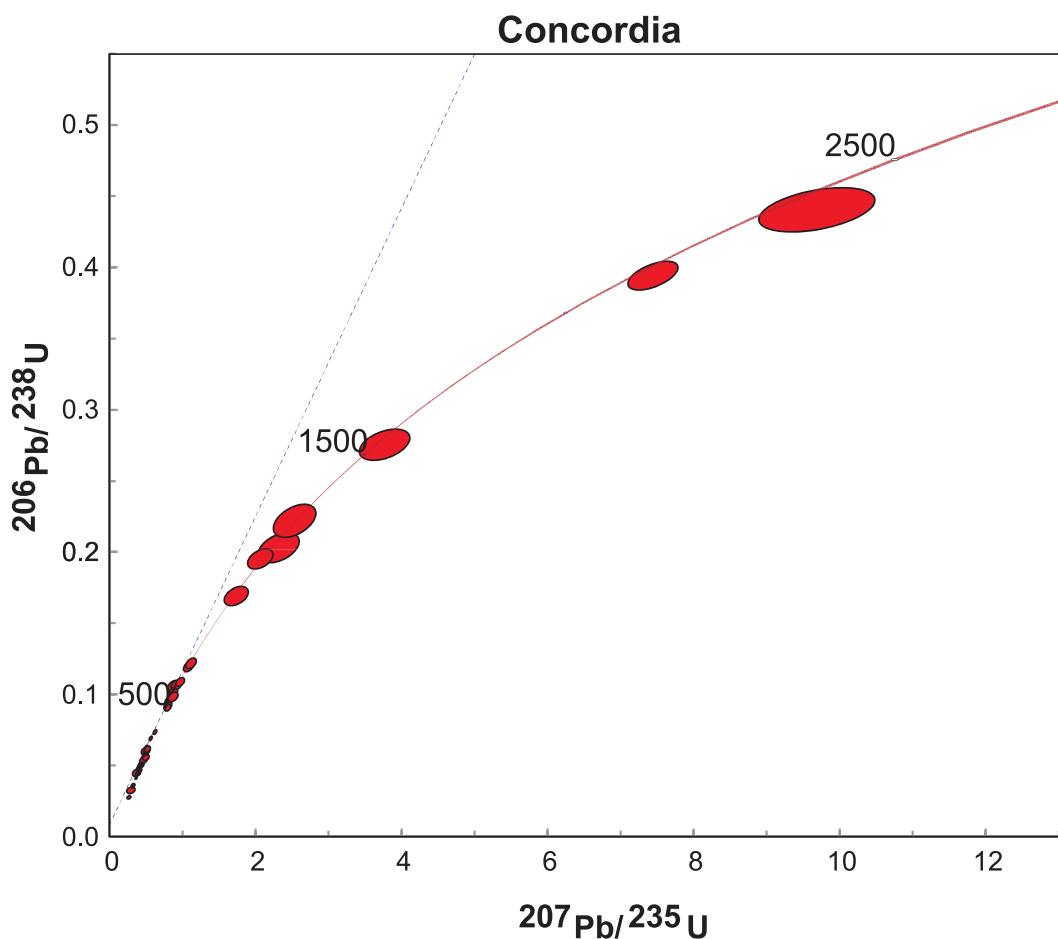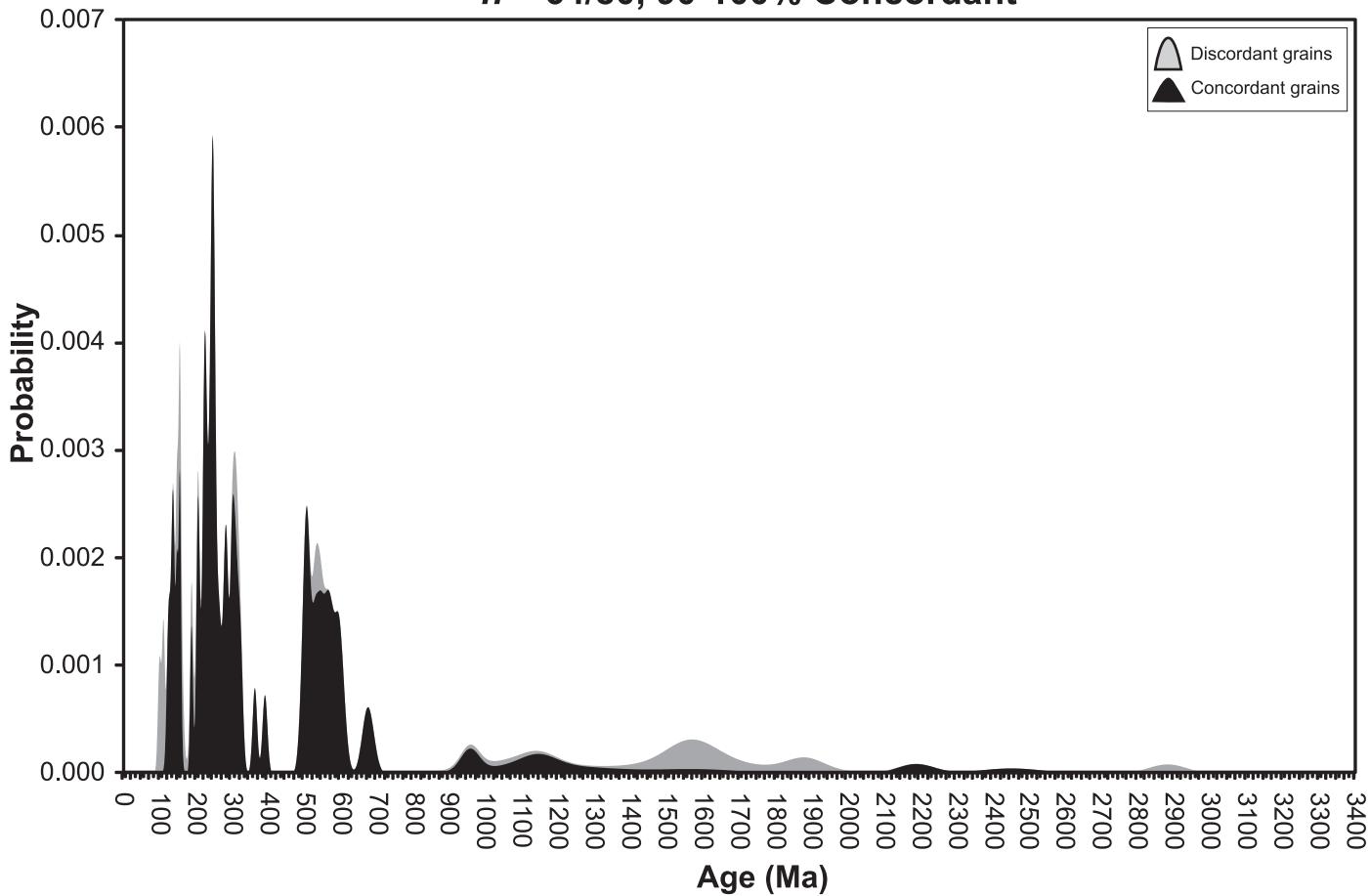
74326_02	0.20297	0.00393	0.14688	0.01334	14.45227	0.29365	0.51642	0.00832	0.792914	104	2850.2	31.2	2684	35.36	2779.9	19.3	2770	235.16	**2850.2**
74326_03	0.04839	0.00616	0.00811	0.00073	0.1551	0.01902	0.02325	0.0009	0.315661	99	118.2	275.66	148.2	5.67	146.4	16.72	163.2	14.61	**148.2**
74326_04	0.17628	0.00464	0.15241	0.00715	12.66359	0.33077	0.52103	0.00989	0.726715	98	2618.1	43.15	2703.6	41.9	2655	24.58	2867.3	125.44	**2618.1**
74326_05	0.05368	0.00646	0.01027	0.00118	0.27138	0.03125	0.03667	0.00145	0.343388	105	357.5	251.24	232.1	9.01	243.8	24.96	206.6	23.52	**232.1**
74326_06	0.05477	0.00166	0.02248	0.00116	0.51458	0.01558	0.06814	0.00109	0.528336	99	402.9	65.8	424.9	6.58	421.5	10.44	449.4	23.03	**424.9**
74326_07	0.06272	0.00303	0.0385	0.00289	0.88949	0.04147	0.10286	0.00214	0.446246	102	698.6	99.55	631.2	12.5	646.1	22.28	763.5	56.2	**631.2**
74326_08	0.05262	0.00271	0.01526	0.00094	0.33231	0.01658	0.04581	0.00093	0.406894	101	312.3	112.93	288.7	5.75	291.3	12.64	306.1	18.75	**288.7**
74326_09	0.17772	0.00519	0.12477	0.00793	8.74701	0.24606	0.35696	0.00695	0.692124	117	2631.7	47.7	1967.7	33.02	2312	25.63	2376.5	142.44	**2631.7**
74326_10	0.10886	0.00193	0.08592	0.0048	4.22041	0.07943	0.28118	0.00391	0.73886	105	1780.4	31.97	1597.3	19.65	1678	15.45	1666.1	89.36	**1780.4**
74326_11	0.05236	0.00531	0.00426	0.00046	0.10999	0.0107	0.01524	0.0005	0.337252	109	301	215.84	97.5	3.18	106	9.78	85.9	9.18	**97.5**
74326_12	0.05991	0.00199	0.02683	0.00177	0.705	0.02304	0.08535	0.00142	0.509086	103	600.2	70.49	528	8.41	541.8	13.72	535.1	34.78	**528**
74326_13	0.05112	0.00571	0.00564	0.00058	0.11731	0.01259	0.01665	0.00058	0.324581	106	246	238.23	106.4	3.69	112.6	11.44	113.8	11.66	**106.4**
74326_14	0.05901	0.00167	0.02546	0.00167	0.67022	0.01882	0.08237	0.00127	0.549076	102	567.6	60.6	510.3	7.56	520.8	11.44	508.1	32.92	**510.3**
74326_15	0.04141	0.00932	0.00286	0.00065	0.08102	0.01776	0.01419	0.00077	0.247547	87	0.1	228.56	90.8	4.87	79.1	16.68	57.8	13.06	**90.8**
74326_16	0.07934	0.00321	0.06066	0.0089	2.09258	0.08212	0.19128	0.00359	0.478253	102	1180.7	77.99	1128.3	19.44	1146.4	26.96	1190.3	169.53	**1180.7**
74326_17	0.05541	0.00316	0.01163	0.00177	0.27351	0.01503	0.0358	0.0008	0.40665	108	428.7	122.75	226.7	4.98	245.5	11.99	233.7	35.39	**226.7**
74326_18	0.06205	0.00515	0.01245	0.00209	0.33094	0.02619	0.03868	0.00117	0.38222	119	675.8	168.04	244.7	7.24	290.3	19.98	250.2	41.68	**244.7**
726326_19	0.06262	0.00306	0.04254	0.00672	1.02947	0.04879	0.11924	0.00249	0.440616	99	695.3	100.98	726.2	14.33	718.7	24.41	842.1	130.28	**726.2**
74326_20	0.05111	0.00288	0.01603	0.00259	0.30038	0.01638	0.04262	0.00094	0.404456	99	245.9	124.63	269.1	5.81	266.7	12.79	321.3	51.61	**269.1**
74326_21	0.15763	0.00716	0.065	0.01085	4.05079	0.17707	0.18638	0.00407	0.499563	149	2430.4	75.04	1101.7	22.11	1644.5	35.6	1272.9	205.86	**2430.4**
74326_22	0.05729	0.00318	0.03152	0.00552	0.6555	0.03528	0.08299	0.00186	0.41642	100	502.1	118.25	513.9	11.09	511.9	21.64	627.2	108.18	**513.9**
74326_23	0.06215	0.00322	0.03596	0.00629	0.83494	0.04208	0.09744	0.00212	0.431696	103	679.3	107.01	599.4	12.45	616.3	23.28	714.1	122.81	**599.4**
74326_24	0.05941	0.00274	0.04137	0.00729	0.8692	0.03932	0.10612	0.00215	0.447865	98	582	97.05	650.2	12.51	635.1	21.36	819.3	141.52	**650.2**
74326_25	0.07371	0.0032	0.05017	0.00883	1.51349	0.0649	0.14893	0.00293	0.458797	105	1033.4	85.35	895	16.46	935.8	26.22	989.5	170	**895**
74326_26	0.06248	0.00344	0.02927	0.00538	0.78009	0.04193	0.09055	0.00207	0.425306	105	690.6	113.16	558.8	12.21	585.5	23.92	583.1	105.7	**558.8**
74326_27	0.05634	0.00286	0.03067	0.00551	0.70577	0.03515	0.09086	0.00194	0.428713	97	465	109.42	560.6	11.49	542.2	20.92	610.5	108.02	**560.6**
74326_28	0.07381	0.00439	0.05013	0.01026	1.42446	0.08235	0.13998	0.00349	0.431267	106	1036.3	115.7	844.5	19.72	899.2	34.49	988.6	197.45	**844.5**
74326_29	0.05553	0.0036	0.00794	0.00153	0.18966	0.012	0.02477	0.00062	0.395604	112	433.5	138.71	157.7	3.87	176.3	10.24	159.8	30.66	**157.7**
74326_30	0.05885	0.00334	0.01837	0.0036	0.40708	0.02269	0.05017	0.00117	0.418396	110	561.5	119.12	315.6	7.16	346.8	16.37	368	71.51	**315.6**
74326_31	0.04734	0.0033	0.00435	0.00043	0.09999	0.00674	0.01532	0.00037	0.697472	99	65.9	158.53	98	2.37	96.8	6.22	87.7	8.58	**98**
74326_32	0.06052	0.00169	0.03021	0.00184	0.79195	0.02238	0.09492	0.00155	0.592254	101	622.2	59.06	584.6	9.1	592.3	12.68	601.6	36.18	**584.6**
74326_33	0.06346	0.00725	0.00529	0.00057	0.12898	0.01397	0.01474	0.0006	0.358294	131	723.5	225.35	94.4	3.79	123.2	12.56	106.7	11.46	**94.4**
74326_34	0.05364	0.00213	0.01919	0.00133	0.42283	0.01654	0.05718	0.00105	0.577845	100	355.8	87.07	358.5	6.39	358.1	11.8	384.2	26.47	**358.5**

74326_35	0.04842	0.00311	0.0103	0.00074	0.2081	0.01294	0.03118	0.00072	0.37582	97	119.7	144.59	197.9	4.52	192	10.88	207	14.83	**197.9**
74326_36	0.05367	0.00527	0.00898	0.00083	0.18701	0.01763	0.02527	0.00083	0.469435	108	357.2	207.77	160.9	5.19	174.1	15.08	180.6	16.7	**160.9**
74326_37	0.05123	0.00903	0.00302	0.00056	0.09725	0.01648	0.01377	0.00071	0.371359	107	251.1	361.8	88.2	4.54	94.2	15.25	61	11.38	**88.2**
74326_38	0.05382	0.00235	0.0159	0.00121	0.35664	0.01522	0.04806	0.00092	0.348406	102	363.5	95.23	302.6	5.67	309.7	11.39	318.9	23.99	**302.6**
74326_39	0.0516	0.00222	0.0137	0.0011	0.29572	0.01245	0.04157	0.00078	0.304268	100	267.8	95.51	262.5	4.86	263	9.75	274.9	21.91	**262.5**
74326_40	0.05245	0.00356	0.0139	0.00131	0.30243	0.01982	0.04183	0.00104	0.448559	102	304.9	147.48	264.2	6.43	268.3	15.45	279	26.05	**264.2**
74326_41	0.053	0.00194	0.01358	0.00112	0.27886	0.01006	0.03817	0.00067	0.445683	103	328.5	80.84	241.5	4.18	249.8	7.99	272.6	22.27	**241.5**
74326_42	0.05961	0.0022	0.02986	0.00257	0.75339	0.02742	0.09168	0.00165	0.379373	101	589.3	78.13	565.5	9.77	570.2	15.88	594.8	50.39	**565.5**
74326_43	0.05406	0.00201	0.01331	0.00124	0.28594	0.01048	0.03837	0.00068	0.486565	105	373.5	81.43	242.7	4.25	255.4	8.28	267.3	24.69	**242.7**
74326_44	0.06166	0.00266	0.03268	0.00303	0.90336	0.03804	0.10627	0.0021	0.494495	100	662.3	89.99	651.1	12.24	653.5	20.29	649.9	59.35	**651.1**
74326_45	0.05778	0.00227	0.02556	0.00283	0.64737	0.02495	0.08127	0.00151	0.483538	101	521.3	84.21	503.7	8.99	506.9	15.38	510.2	55.68	**503.7**
74326_46	0.06775	0.00275	0.04575	0.00716	1.18781	0.04751	0.12716	0.00245	0.481701	103	861	82.09	771.7	14.01	794.9	22.05	904.1	138.4	**771.7**
74326_47	0.05335	0.00482	0.01371	0.00232	0.26748	0.02317	0.03637	0.00114	0.361849	105	343.5	191.9	230.3	7.12	240.7	18.56	275.2	46.35	**230.3**
74326_48	0.05364	0.00563	0.00797	0.00133	0.16185	0.01627	0.02188	0.00077	0.350081	109	356	221.24	139.6	4.88	152.3	14.22	160.4	26.67	**139.6**
74326_49	0.0922	0.00415	0.03968	0.0063	1.53949	0.06715	0.12112	0.00254	0.480783	128	1471.4	83.29	737	14.63	946.3	26.85	786.5	122.57	**737**
74326_50	0.06002	0.00242	0.03218	0.00535	0.71944	0.02847	0.08695	0.00164	0.47663	102	604.3	85.03	537.5	9.75	550.3	16.81	640.1	104.74	**537.5**
74326_51	0.17521	0.00786	0.14415	0.02581	10.7344	0.46284	0.44439	0.01027	0.535986	105	2608.1	72.79	2370.3	45.81	2500.4	40.05	2721.8	455.99	**2608.1**
74326_52	0.05655	0.00412	0.00609	0.00107	0.13214	0.00923	0.01695	0.00045	0.38008	116	473.2	154.17	108.4	2.85	126	8.28	122.7	21.4	**108.4**
74326_53	0.06159	0.0032	0.03207	0.00552	0.76827	0.03851	0.09048	0.00198	0.436569	104	659.9	107.68	558.4	11.69	578.8	22.11	638	108.07	**558.4**
74326_54	0.06549	0.00481	0.02859	0.00511	0.74553	0.05215	0.08258	0.00235	0.406821	111	790.1	146.9	511.5	14	565.6	30.34	569.8	100.4	**511.5**
74326_55	0.06028	0.00257	0.02563	0.00554	0.71348	0.02942	0.08585	0.00165	0.466104	103	613.8	89.42	530.9	9.82	546.8	17.44	511.5	109.16	**530.9**
74326_56	0.11978	0.00513	0.10249	0.01906	4.75236	0.19604	0.28778	0.00572	0.481837	109	1953	74.56	1630.4	28.64	1776.5	34.6	1972.1	349.47	**1953**
74326_57	0.05708	0.00326	0.03426	0.0067	0.63978	0.03502	0.08131	0.00186	0.417911	100	493.9	121.76	503.9	11.11	502.2	21.68	680.9	130.91	**503.9**
74326_58	0.0628	0.00307	0.03426	0.00663	0.75833	0.03551	0.08758	0.00183	0.446225	106	701.6	100.72	541.2	10.83	573	20.5	680.9	129.63	**541.2**
74326_59	0.06454	0.00308	0.03739	0.00744	0.86308	0.03942	0.09699	0.00199	0.449222	106	759.5	97.57	596.8	11.72	631.8	21.49	742	144.98	**596.8**
74326_60	0.05108	0.00242	0.01786	0.00366	0.31929	0.01449	0.04533	0.00091	0.442357	98	244.6	105.6	285.8	5.62	281.4	11.15	357.7	72.68	**285.8**
74326_61	0.10577	0.00297	0.09291	0.00576	4.25188	0.11957	0.29158	0.00523	0.637827	102	1727.8	50.68	1649.4	26.09	1684.1	23.12	1795.7	106.43	**1727.8**
74326_62	0.04837	0.00374	0.00795	0.00068	0.17023	0.01269	0.02553	0.00068	0.3573	98	117.5	172.61	162.5	4.27	159.6	11.01	160.1	13.68	**162.5**
74326_63	0.09411	0.00401	0.04106	0.00324	2.10708	0.08613	0.1624	0.00356	0.536279	119	1510.4	78.37	970.1	19.76	1151.1	28.15	813.4	62.88	**970.1**
74326_64	0.06381	0.0017	0.03593	0.00257	0.78794	0.0213	0.08956	0.00145	0.598918	107	735.5	55.29	552.9	8.56	590	12.1	713.4	50.09	**552.9**
74326_65	0.1449	0.00382	0.10886	0.00806	6.90759	0.18242	0.34578	0.00612	0.670202	110	2286.6	44.63	1914.4	29.29	2099.6	23.42	2088.6	146.92	**2286.6**
74326_66	0.06537	0.00143	0.03653	0.00278	1.01112	0.02315	0.11219	0.00171	0.665723	104	786.4	45.24	685.4	9.9	709.4	11.69	725.1	54.24	**685.4**
74326_67	0.05151	0.00231	0.02113	0.00187	0.42094	0.01843	0.05928	0.00115	0.443082	96	263.6	99.53	371.2	6.99	356.7	13.17	422.6	36.98	**371.2**

74326_68	0.06534	0.0024	0.03226	0.00288	0.88964	0.03204	0.09877	0.00181	0.508833	106	785.1	75.19	607.2	10.63	646.2	17.22	641.7	56.44	**607.2**
74326_69	0.06639	0.00347	0.03135	0.00295	0.84767	0.0426	0.09261	0.00209	0.449061	109	818.7	105.47	571	12.34	623.4	23.41	623.9	57.86	**571**
74326_70	0.07498	0.00256	0.04463	0.00454	1.40619	0.04717	0.13603	0.00245	0.53692	108	1068	67.11	822.2	13.91	891.6	19.91	882.5	87.92	**822.2**
74326_71	0.05198	0.00333	0.01289	0.00108	0.27496	0.01709	0.03838	0.00086	0.360513	102	284.4	139.99	242.8	5.33	246.7	13.61	258.9	21.59	**242.8**
74326_72	0.06797	0.00166	0.03831	0.00325	1.18162	0.02942	0.12612	0.00192	0.611438	103	867.8	49.95	765.7	10.97	792.1	13.7	759.8	63.27	**765.7**
74326_73	0.0547	0.00311	0.01401	0.00134	0.32286	0.01777	0.04282	0.00093	0.394605	105	400.1	122.33	270.3	5.73	284.1	13.64	281.3	26.65	**270.3**
74326_74	0.05341	0.00302	0.00499	0.0005	0.10685	0.00584	0.01451	0.00031	0.390891	111	346.2	122.27	92.9	1.96	103.1	5.36	100.7	9.99	**92.9**
74326_75	0.1541	0.00368	0.10799	0.01017	8.02677	0.19479	0.37793	0.00567	0.618224	108	2391.9	40.08	2066.6	26.51	2234	21.91	2072.7	185.44	**2391.9**
74326_76	0.0586	0.00281	0.01675	0.00174	0.39311	0.0182	0.04867	0.00098	0.434918	110	552.3	101.29	306.4	6.01	336.6	13.26	335.8	34.58	**306.4**
74326_77	0.12542	0.00339	0.09448	0.00991	5.77009	0.15535	0.33377	0.0052	0.578665	105	2034.8	47	1856.7	25.11	1941.9	23.3	1824.8	182.93	**2034.8**
74326_78	0.05341	0.00379	0.01314	0.00166	0.28413	0.01943	0.0386	0.00097	0.367476	104	346	152.74	244.1	6	253.9	15.36	263.9	33.02	**244.1**
74326_79	0.06614	0.00213	0.04011	0.00469	1.21085	0.03827	0.13281	0.00219	0.521729	100	810.9	66.08	803.9	12.45	805.6	17.58	794.8	91.21	**803.9**
74326_80	0.05839	0.01298	0.00376	0.00062	0.12711	0.02726	0.01579	0.00096	0.283493	120	544.5	423.65	101	6.12	121.5	24.56	75.8	12.51	**101**
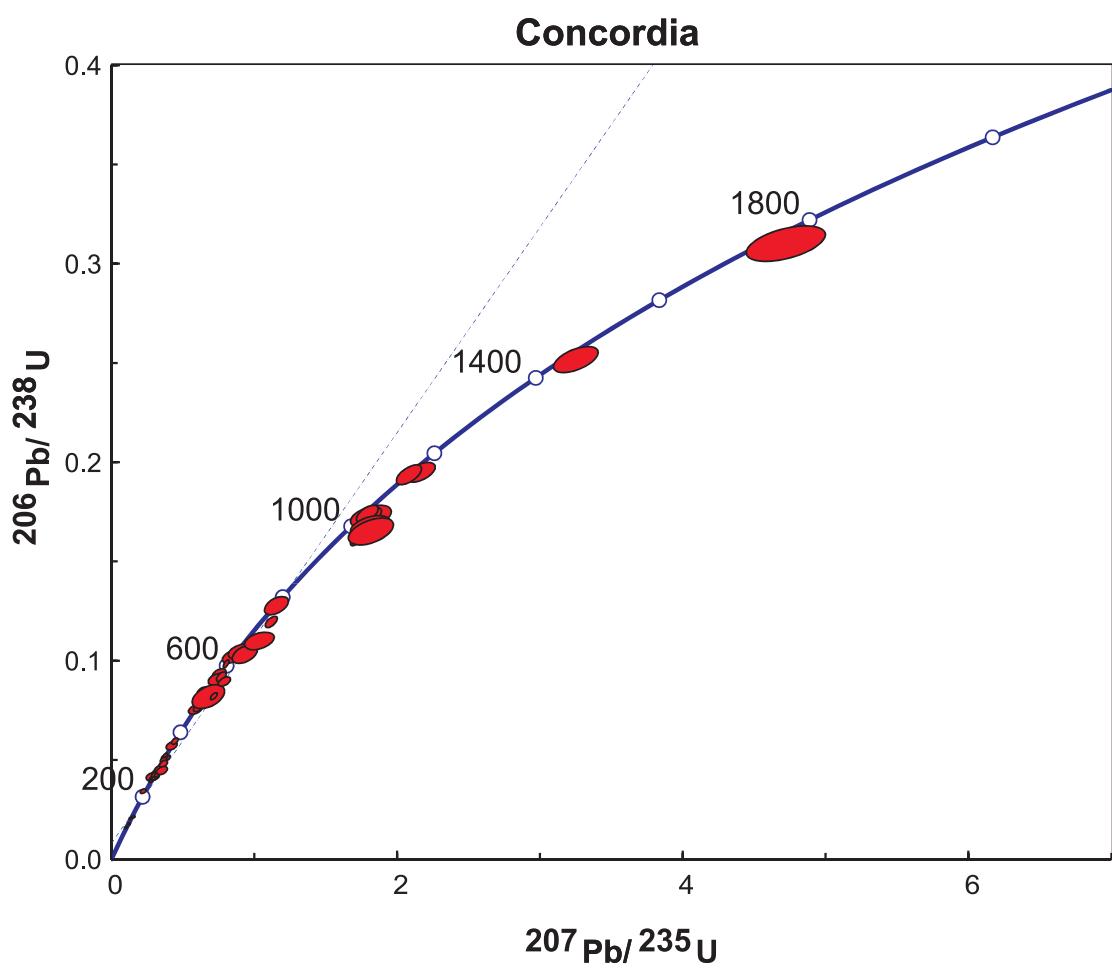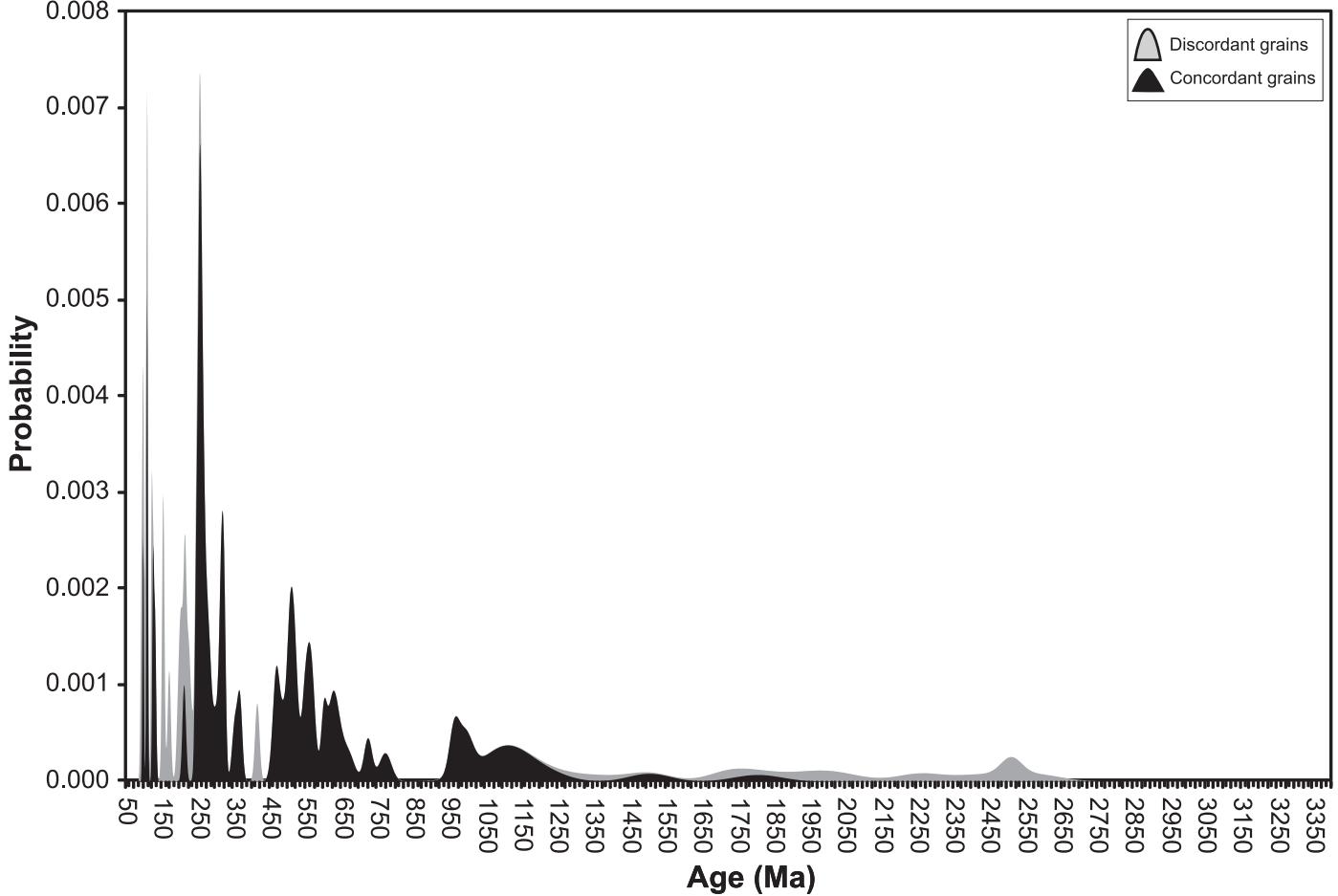
74317

n = 64/80, 90-100% Concordant
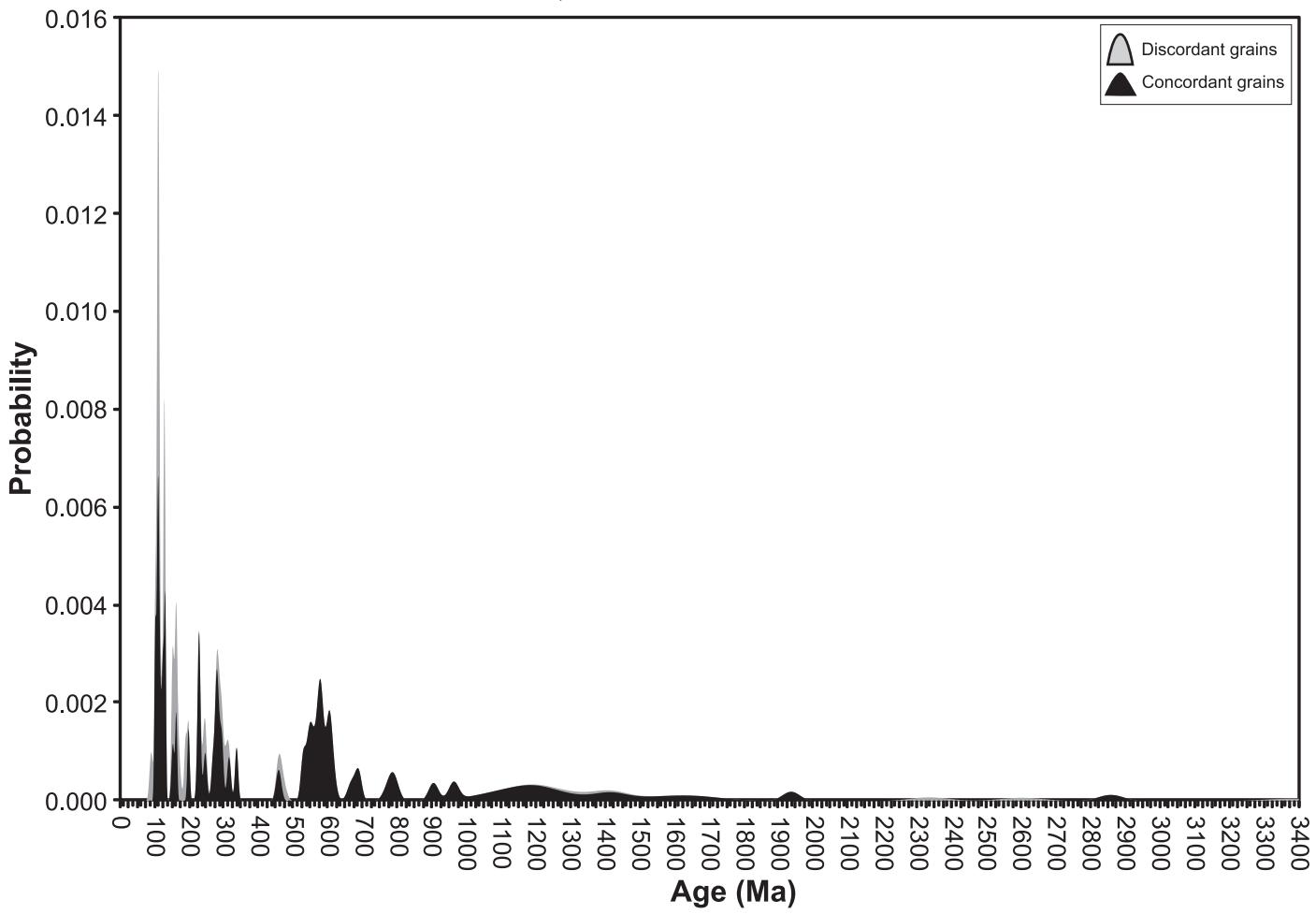
Concordia

74318

n = 56/79, 90-100% Concordant
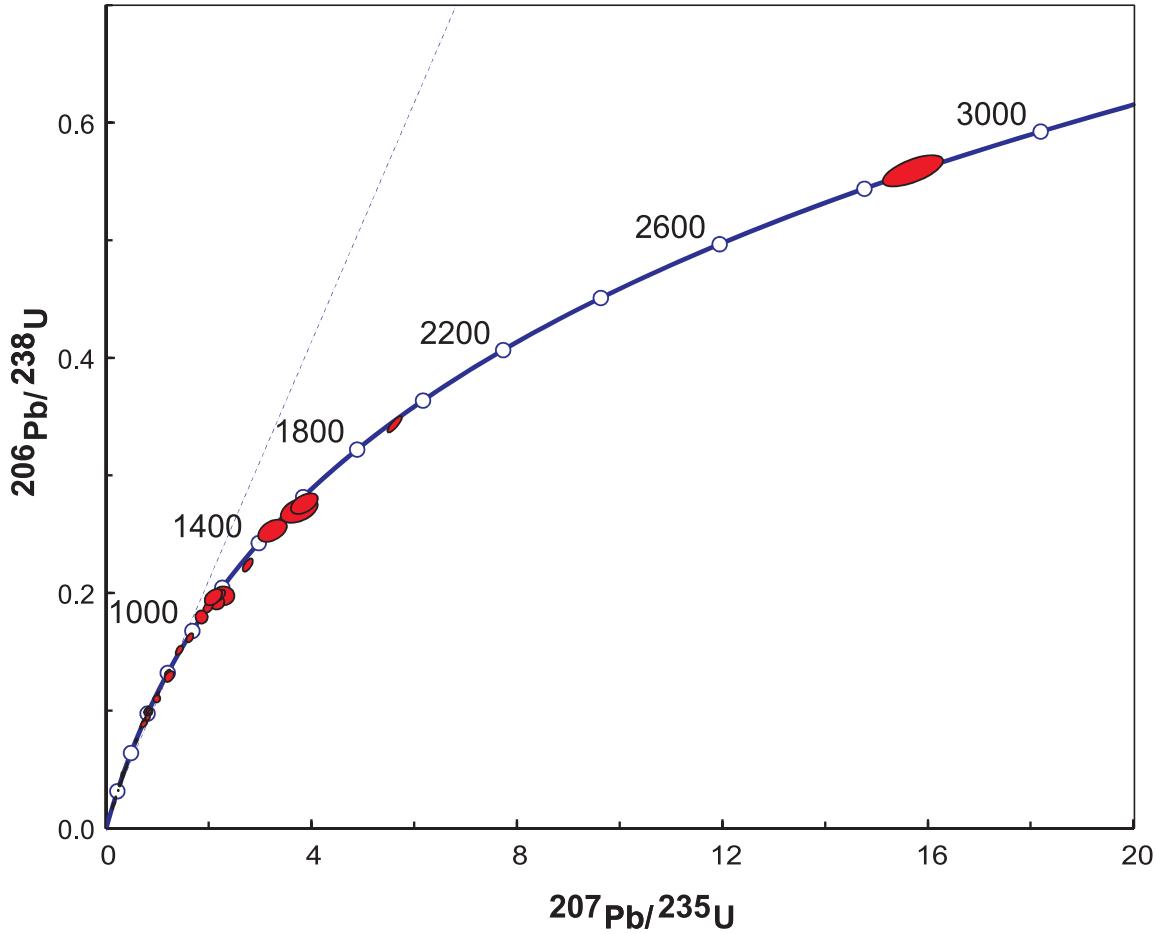
Concordia

74319

n = 58/80, 90-100% Concordant
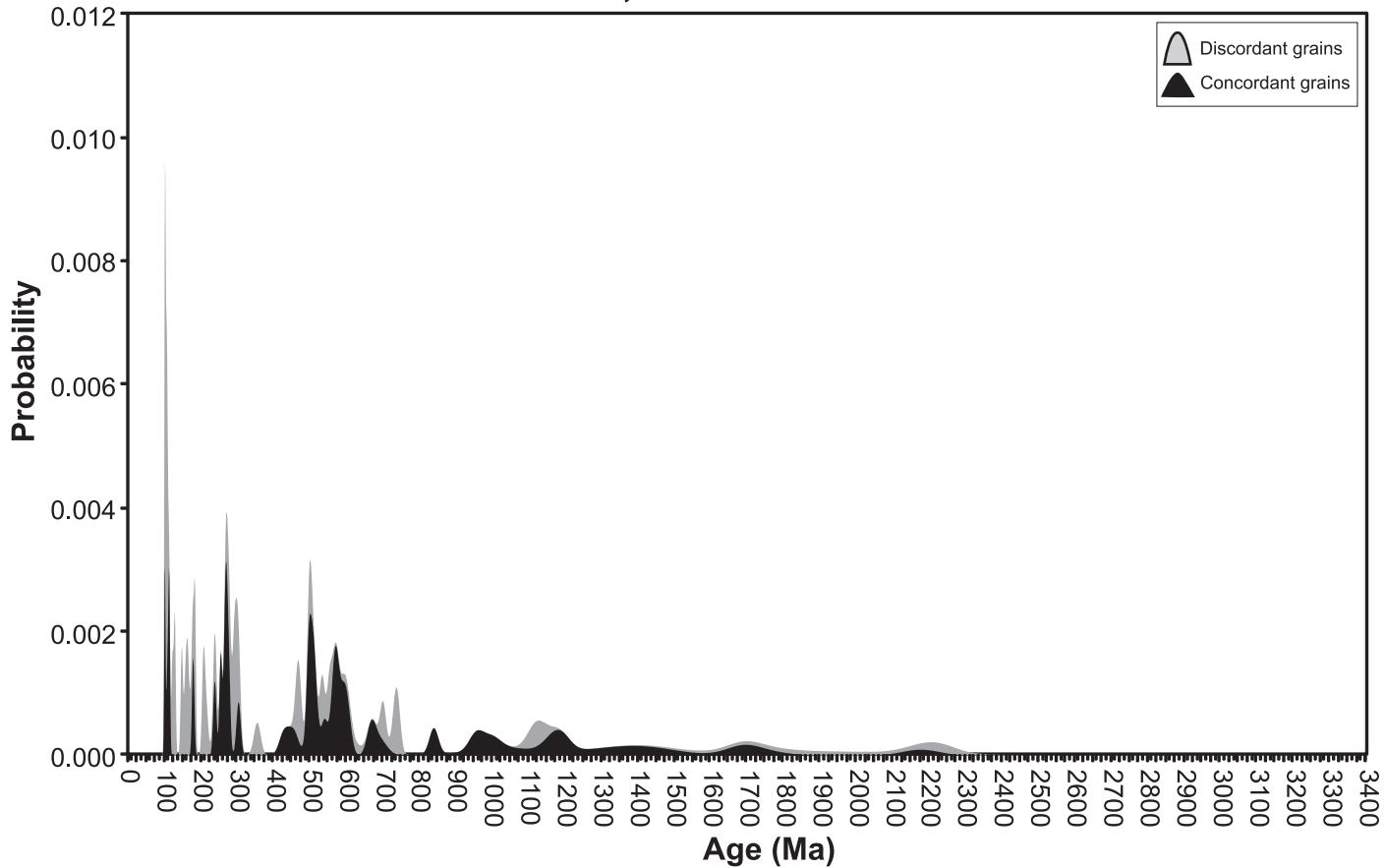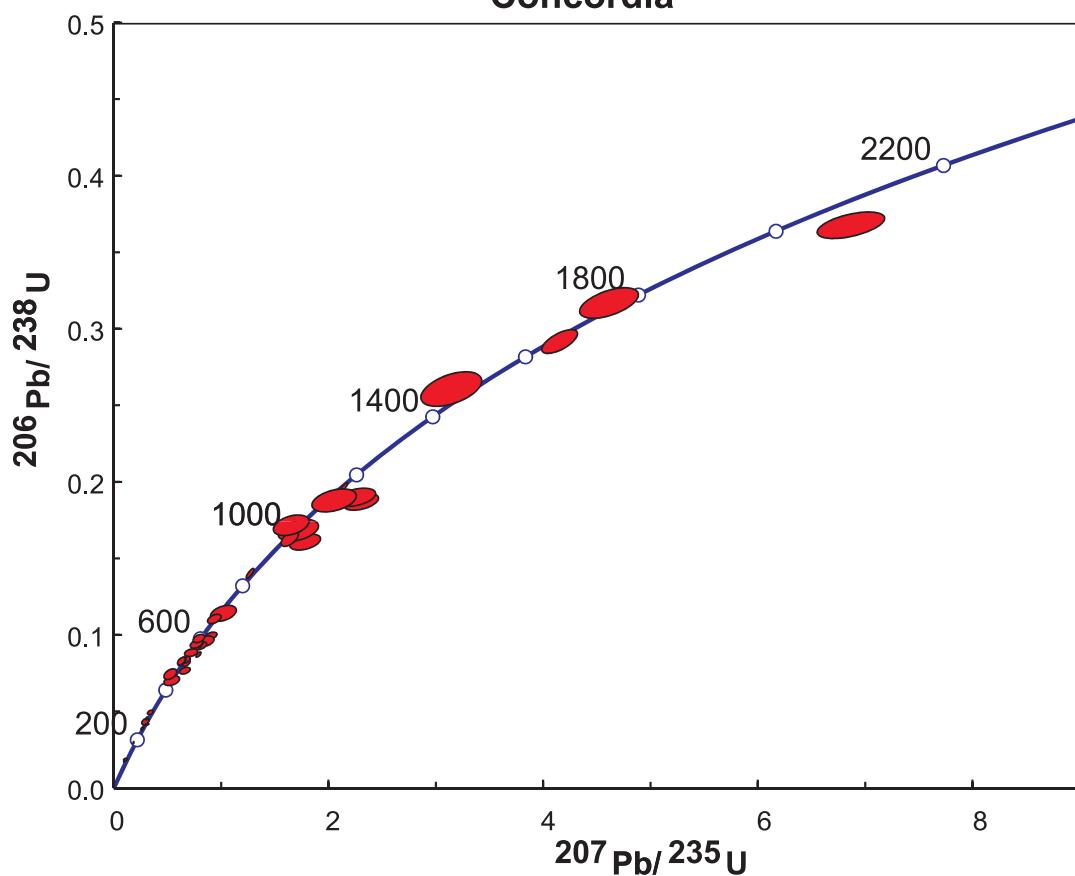
Concordia

74320

n = 41/78, 90-100% Concordant
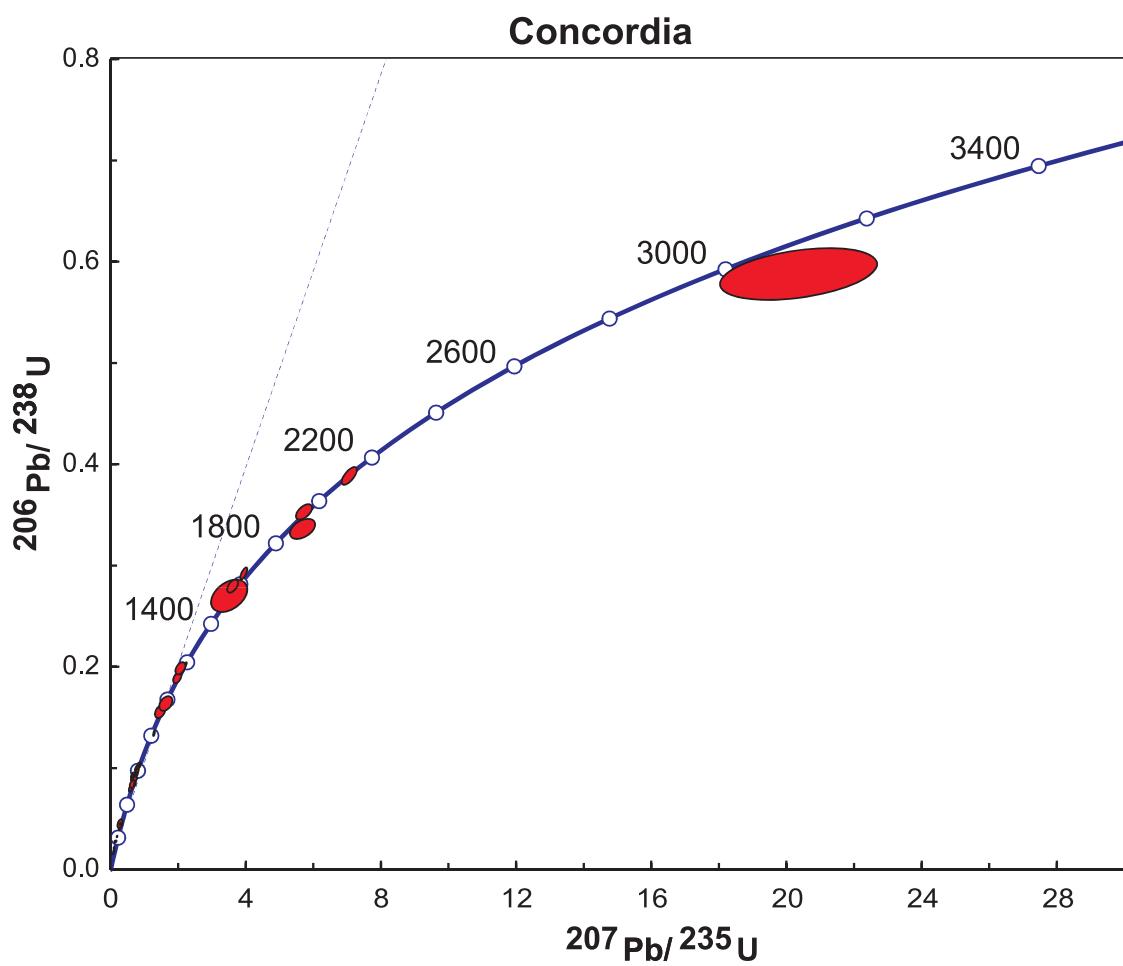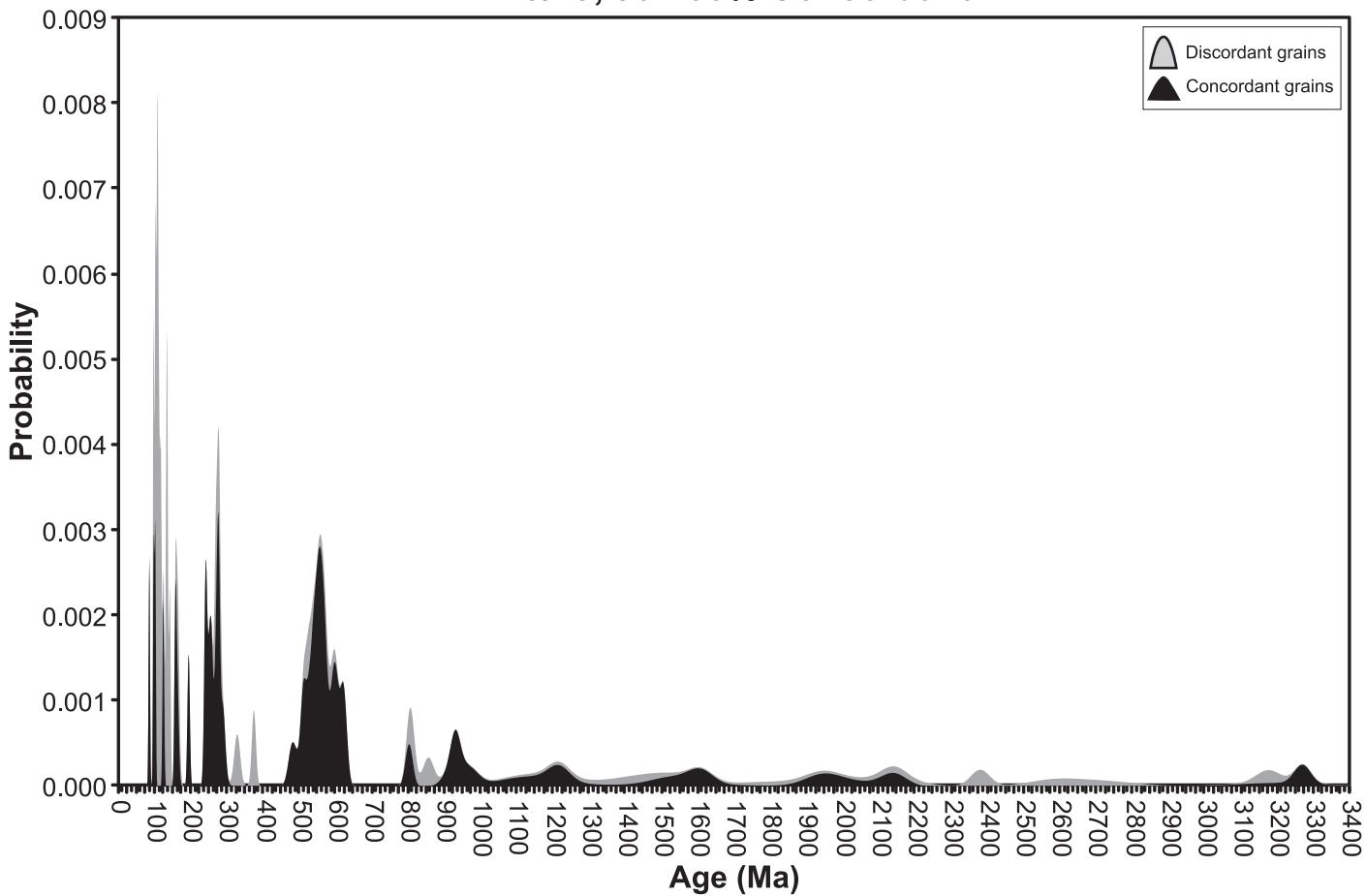
Concordia

74321

74322

n = 62/80, 90-100% Concordant

Age (Ma)

Legend:
- Discordant grains
- Concordant grains

Concordia

$^{206}Pb/^{238}U$

$^{207}Pb/^{235}U$

1800

1000

200
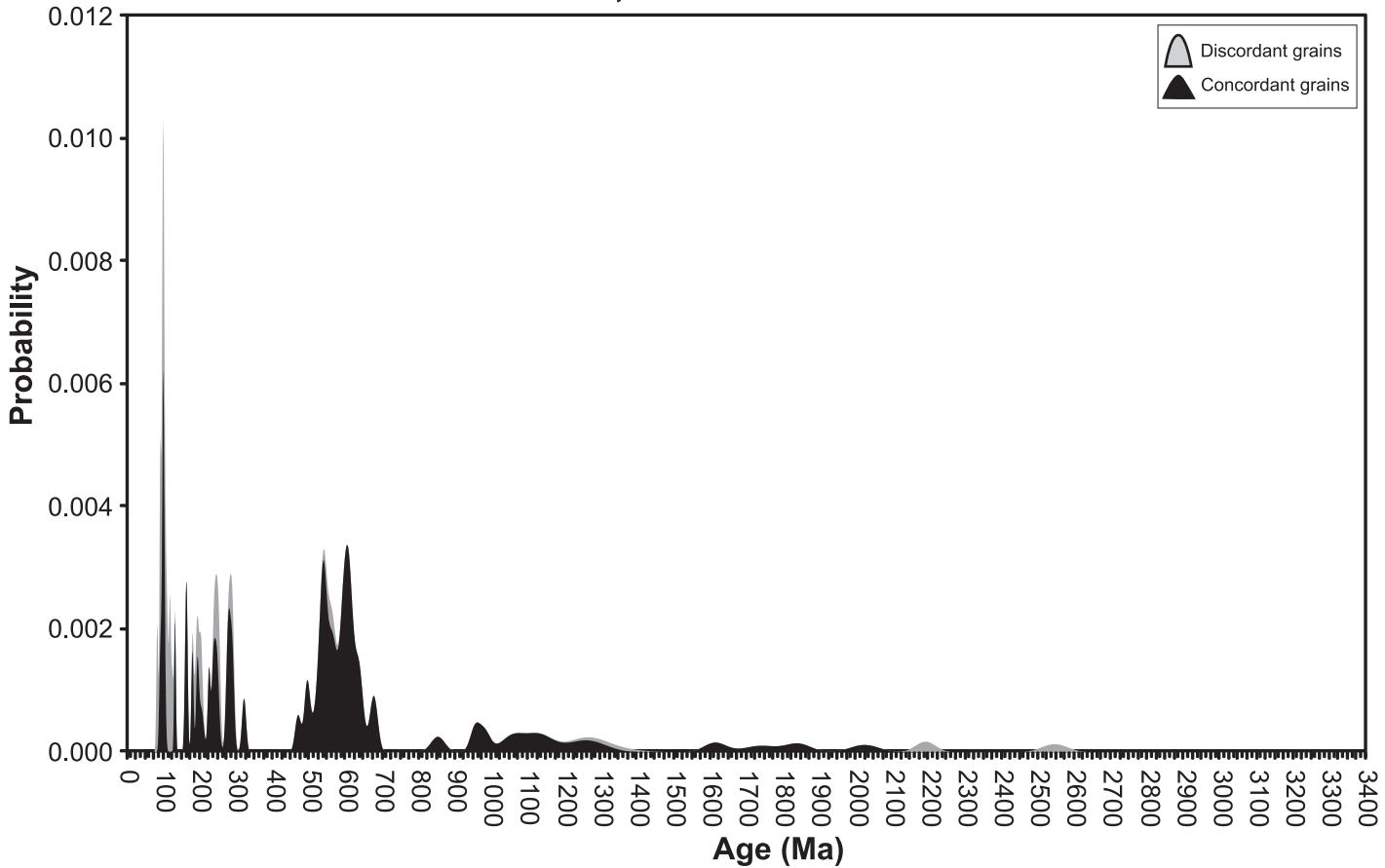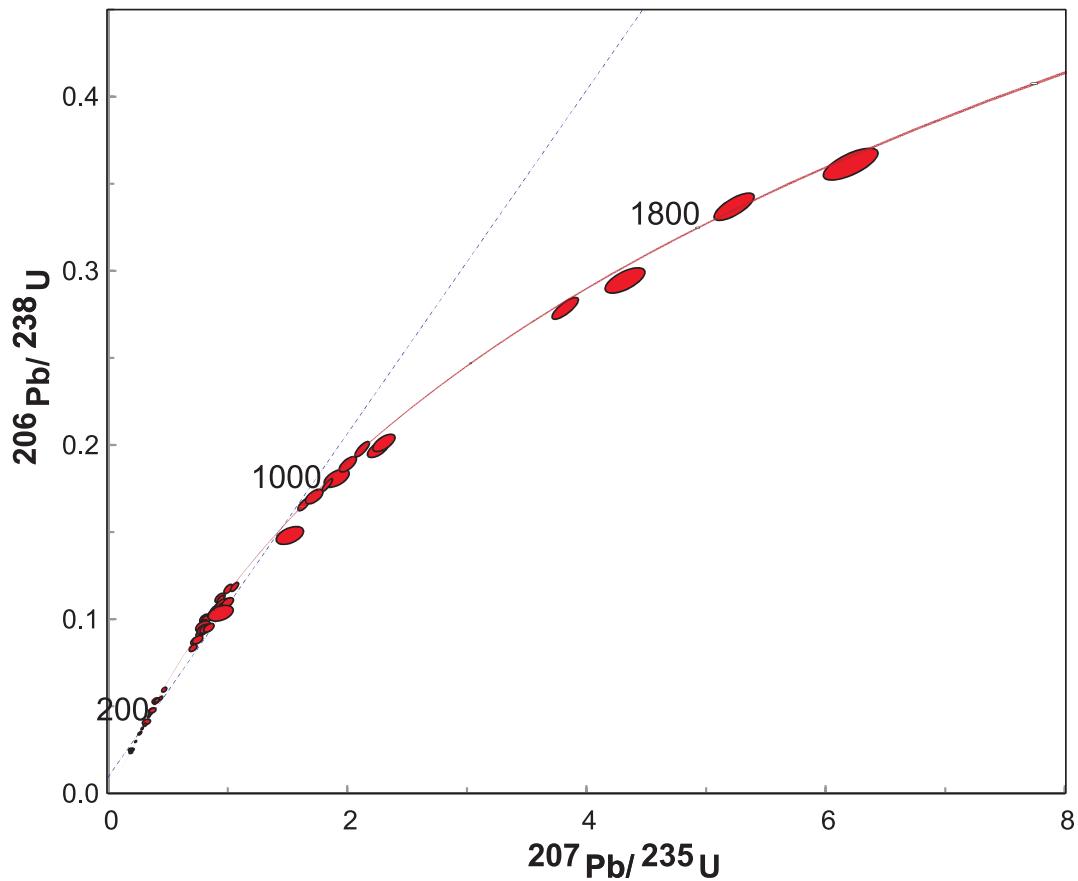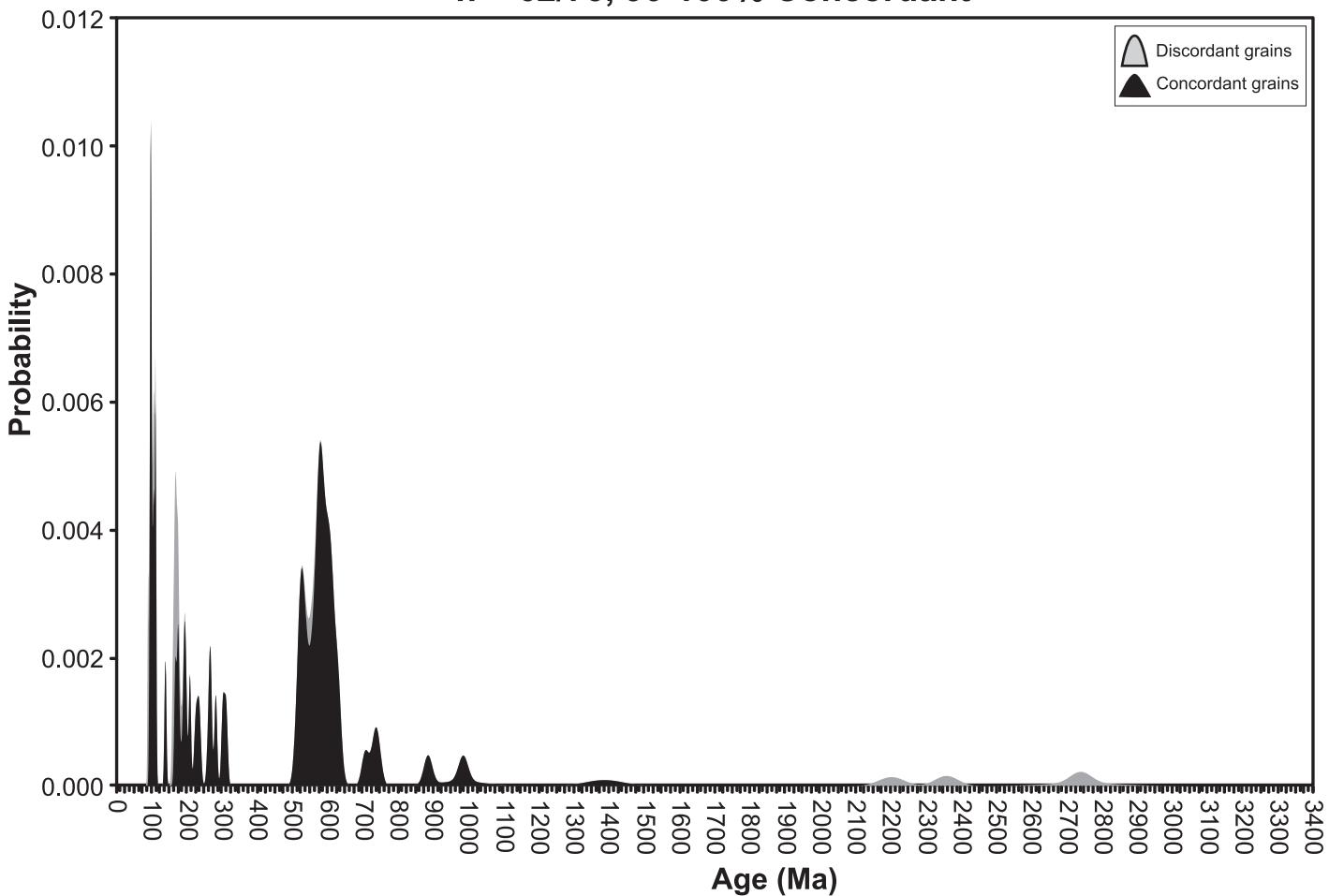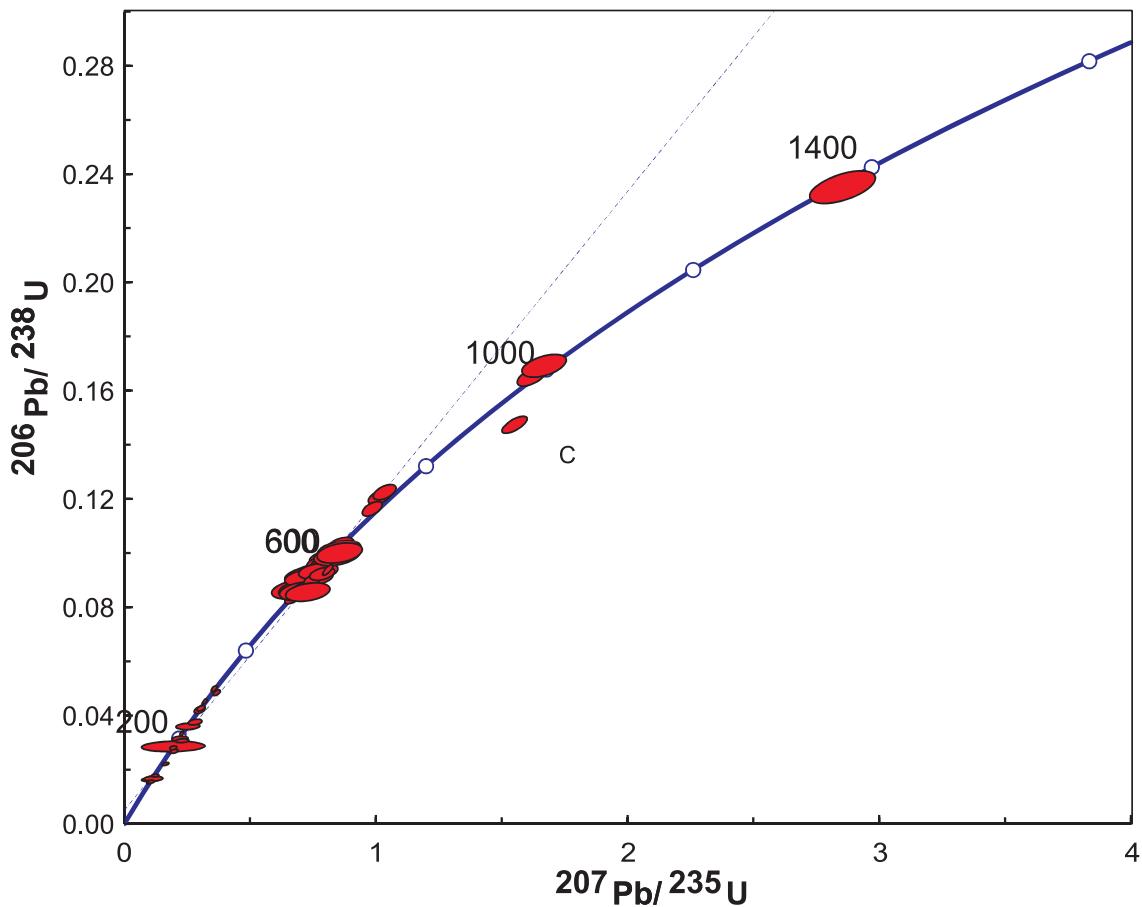
74323

n = 62/73, 90-100% Concordant
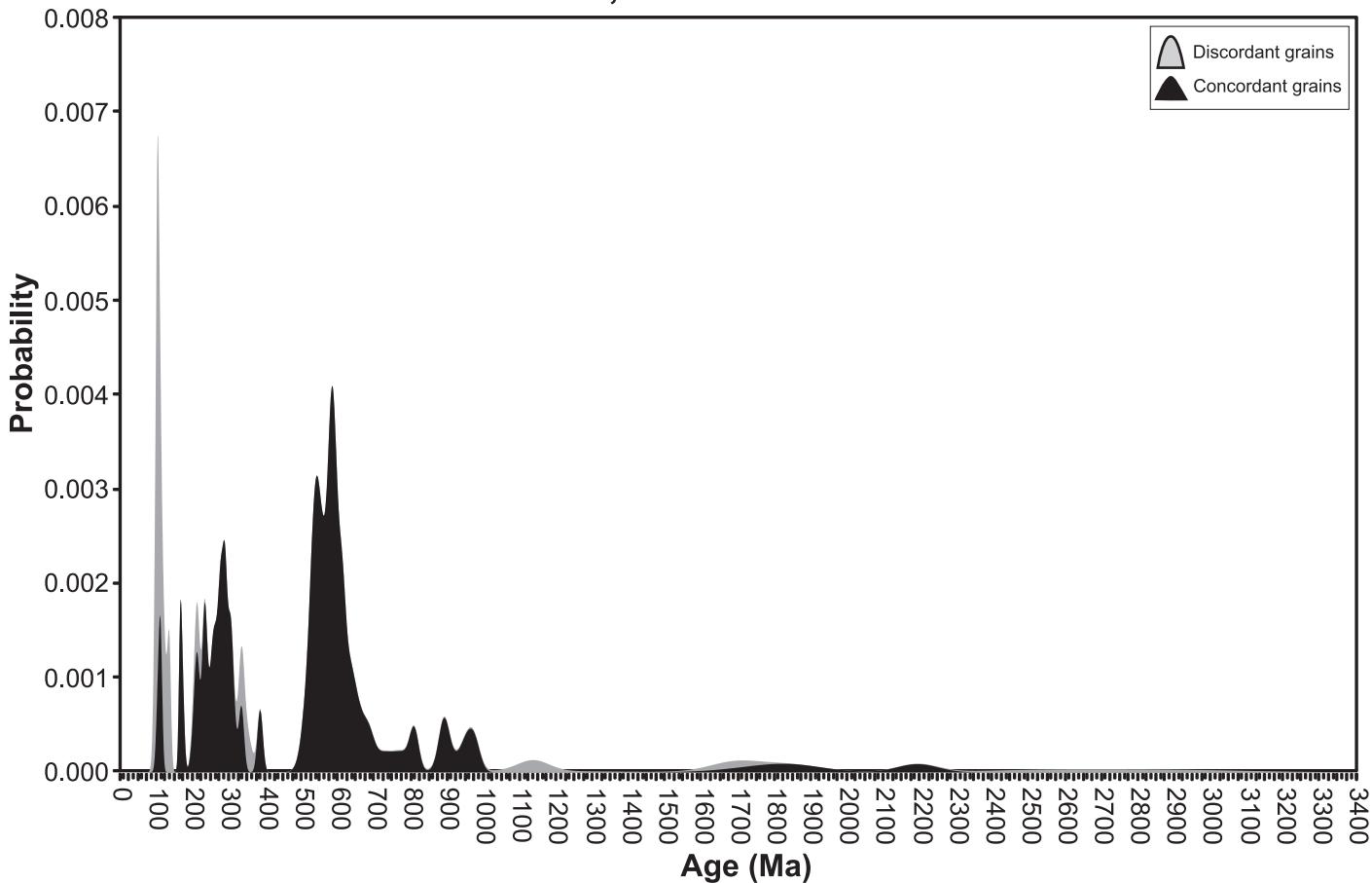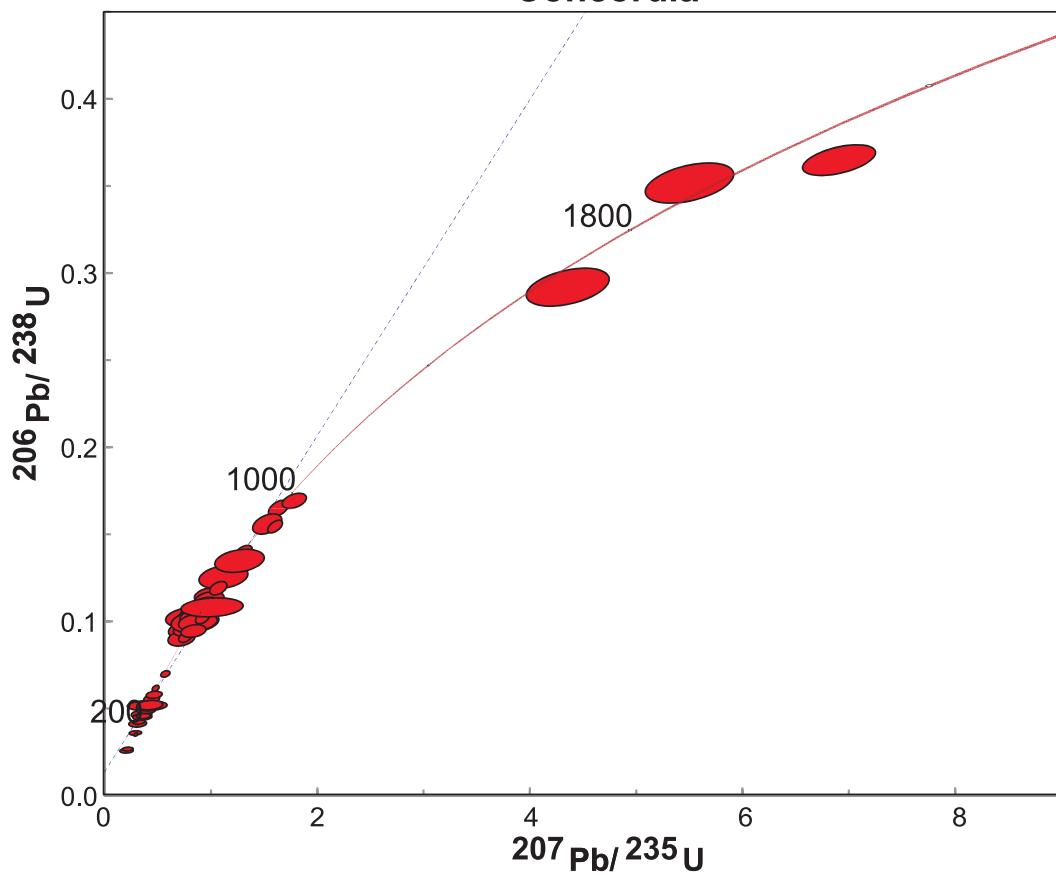
Concordia

74324

n = 62/80, 90-100% Concordant
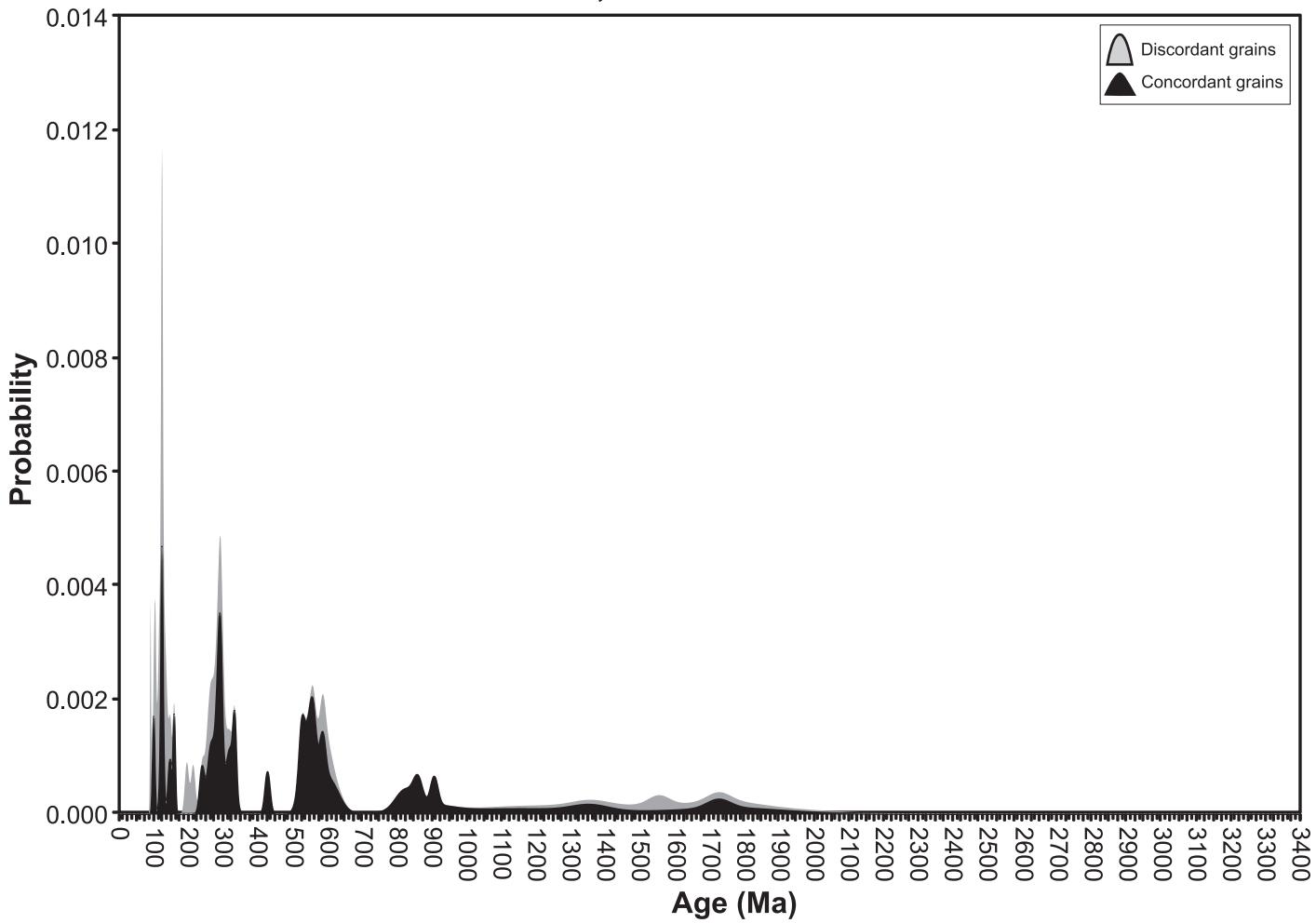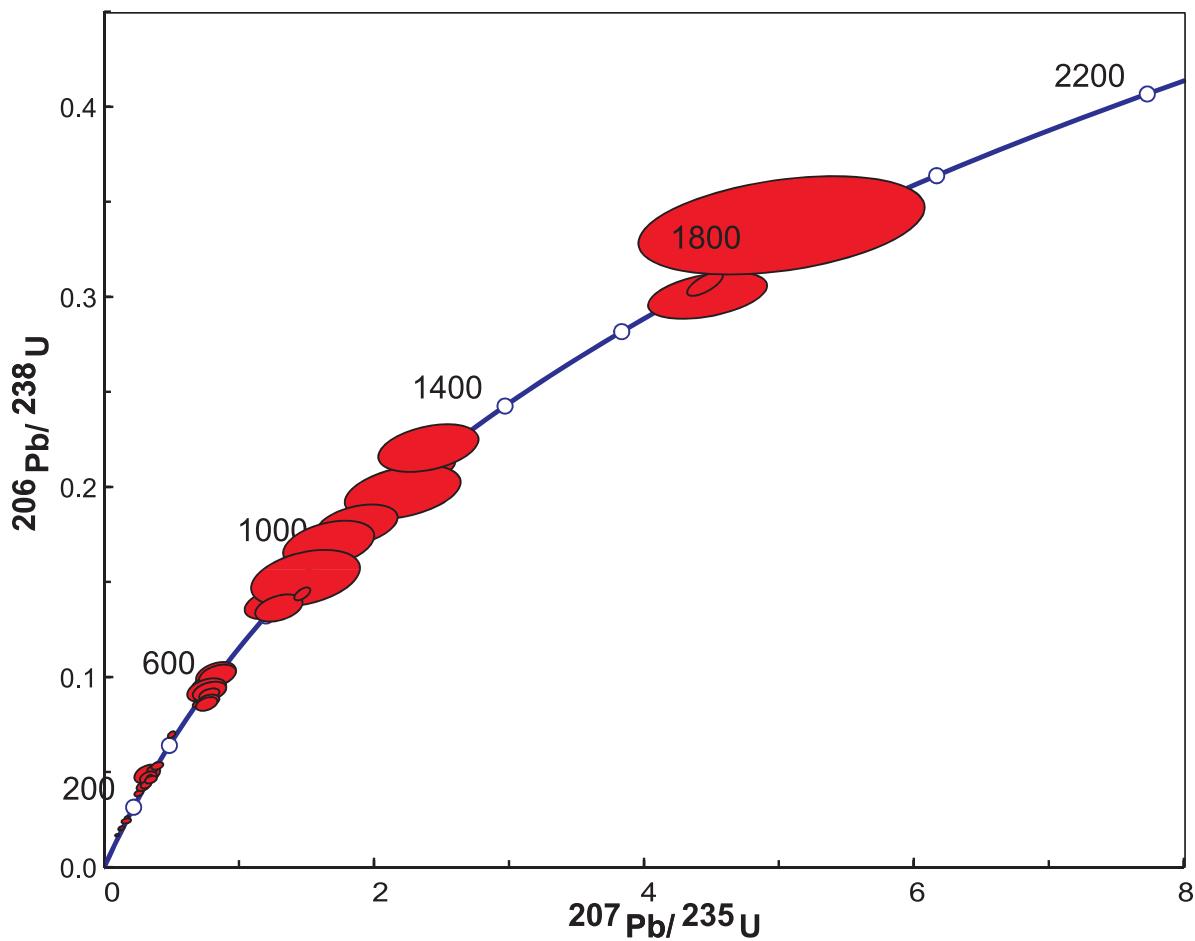
74325

n = 45/76, 90-100% Concordant
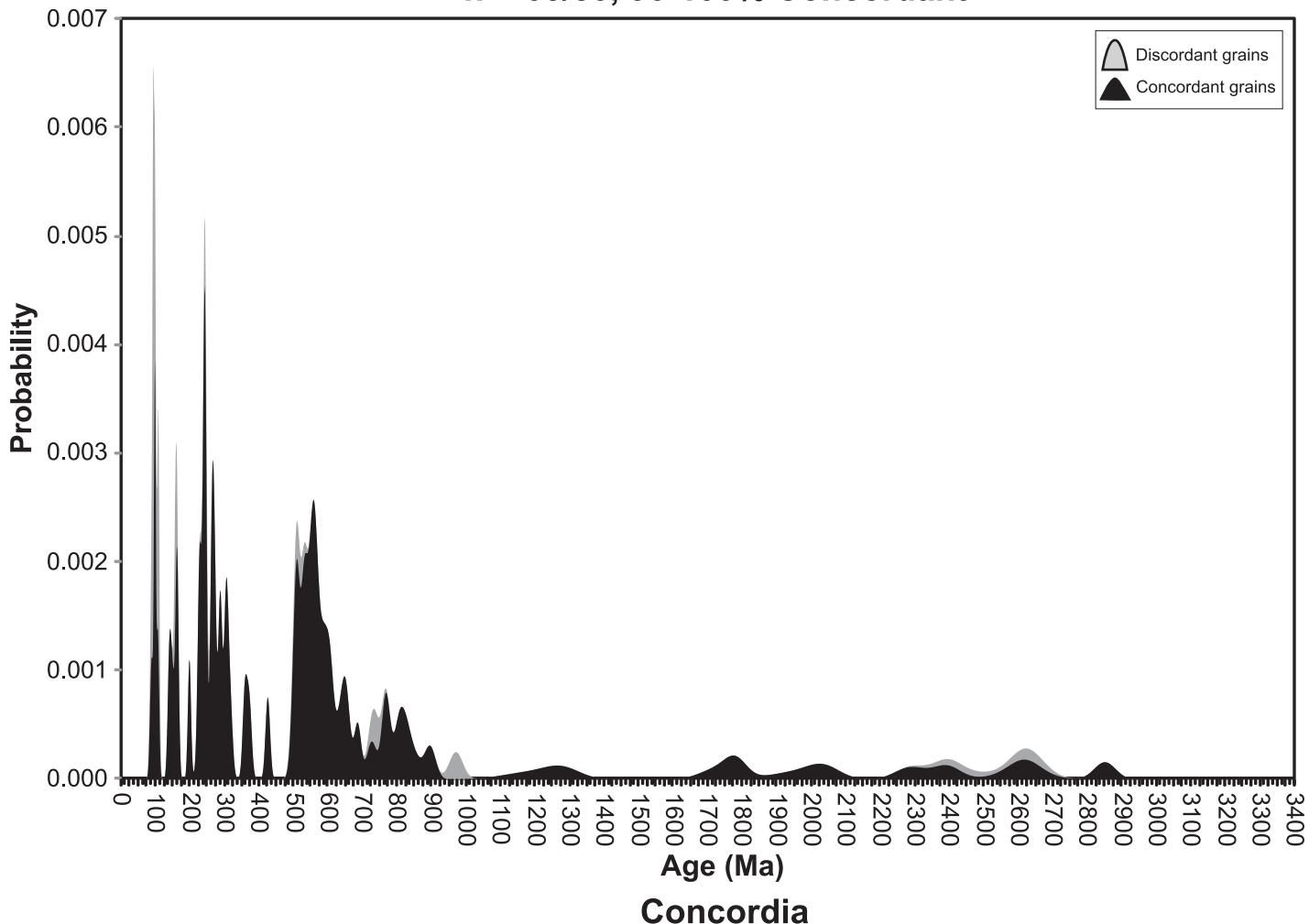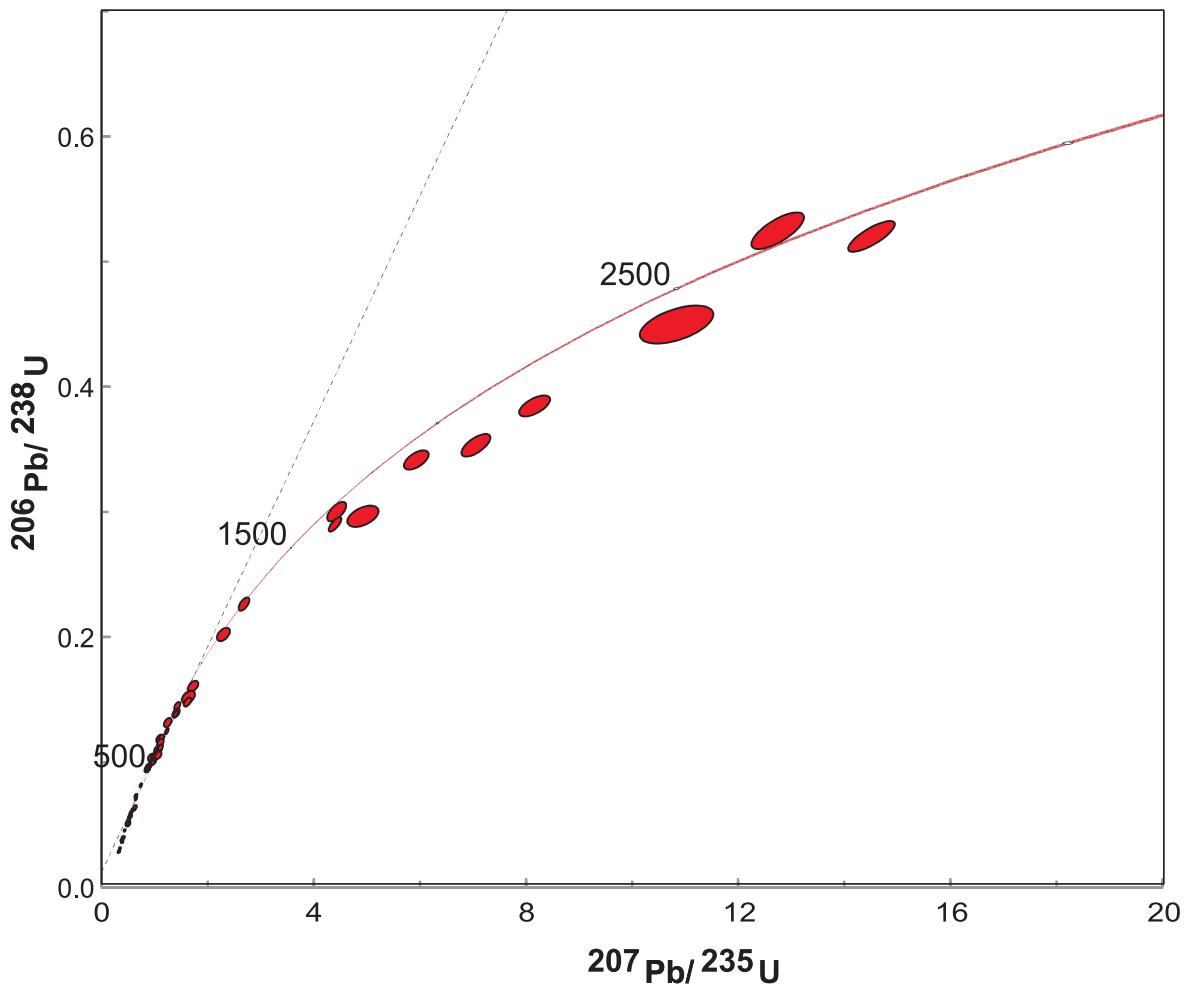
74326

n = 68/80, 90-100% Concordant

Concordia

Supplementary Data

LA-ICP-MS Methodology

Analytical procedures: LA–ICP–MS U–Pb zircon Geochronology

U–Pb geochronology was conducted using the Laser Ablation Inductively Coupled Plasma Mass Spectrometer (LA–ICP–MS) at Adelaide Microscopy, University of Adelaide. Samples for zircon geochronology were crushed using a jaw crusher, placed in a tungsten carbide mill for 3–5 seconds and sieved using 75 μm and 425 μm mesh, retaining a size fraction between 75–425 μm. Zircon grains were subsequently separated using traditional panning techniques, followed by removal of magnetic mineral grains from the heavier mineral fraction using conventional and neodymium magnets. Approximately 80 zircon grains per sample were randomly handpicked and mounted in epoxy resin. Mounted zircon grains were ground down to approximately half their width.

Epoxy mounts were imaged using a Phillips XL20 SEM with attached Gatan cathodoluminescence (CL) detector at Adelaide Microscopy to determine internal chemical zonation of zircon. A beam accelerating voltage of 12 kV was used, combined with a spot size of 7 when zircon mounts were imaged using CL detector.

U–Pb analysis of zircon was undertaken using an Agilent 7500cs ICPMS with a New Wave 213 nm Nd-YAG laser in a helium ablation atmosphere, following similar methods and operating procedures outlined by Payne et al. (2008; 2010). A laser spot size of 30 μm and repetition rate of 5 Hz was used for zircon analyses. A 40 second gas blank was initially measured followed by 60 seconds of zircon sample ablation. The laser was fired for 10 seconds with the shutter closed seconds prior to ablation in order to allow for beam and crystal stabilisation.

The real-time correction program Glitter version 4.0 (Griffin et al., 2008) was used to correct zircon data. Mass bias and fractionation were corrected for zircon analyses using the GEMOC standard GJ-1 (TIMS normalisation data: $207Pb/206Pb = 608.3$ Ma, $206Pb/238U = 600.7$ Ma and $207Pb/235U = 602.2$ Ma, Jackson et al., 2004). An uncertainty of 1% was assigned to the age of the GJ-1 zircon standard for sample age error calculations to avoid inaccurate age reporting.

Over the duration of this study the reported average normalised ages for GJ-1 are 609.1 ± 6.0 Ma, 600.5 ± 1.4 Ma and 602.6 ± 1.3 Ma for the 207Pb/206Pb, 206Pb/238U and 207Pb/235U ratios. The ages used for provenance determination are 206Pb/238U ages for grains less than 1000 Ma, and 207Pb/206Pb ages for grains older than 1000 Ma. This cut-off is placed due to the well-known effect of a reduction in precision of 207Pb/206Pb ages in younger zircons (e.g. Ireland et al., 1998; Collins et al., 2007).

An internal standard, the Plesovice zircon standard (ID TIMS U-Pb 206Pb/238U age $= 337.13 \pm 0.37$ Ma; Sláma et al., 2008) was used to assess accuracy before and during the analysis of unknowns. Average Plesovice ages obtained during this study were $207Pb/235U = 340.7 \pm 2.1$ Ma, $207Pb/206Pb = 342 \pm 11$ Ma and $206Pb/238U = 340.6 \pm 2.3$ Ma.

Conventional concordia, weighted averages, and probability density distribution plots were generated using Isoplot vers. 4.11 (Ludwig, 2003). Due to the inability of the LA-ICP-MS to measure common Pb, correction for the unknowns was carried out

using the 'CommPbcorr' macro in Microsoft Excel (Andersen, 2002). In most samples, negligible (<0.5% 206Pb) common Pb was inferred in the analyses when the 3D concordia method was employed by 'CommPbcorr'.

References

Andersen, T. 2002. Correction of common lead in U–Pb analyses that do not report Pb-204. *Chemical Geology*, **192** (1/2), 59-79.

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Supplementary Data

Zircon Fission Track Data
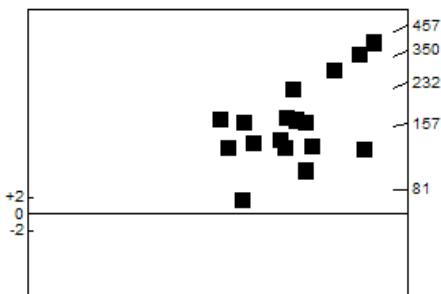
GC743-17 Zircon   Gnarly Knots-1 1825-1950m
Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-5	2	260	70	40	1.033E+07	2.781E+06	3.714	91.8	257.8 ±	35.2
G1098-5	3	287	93	40	1.140E+07	3.695E+06	3.086	121.9	214.9 ±	26.1
G1098-5	6	294	50	40	1.168E+07	1.986E+06	5.880	65.6	403.5 ±	62.4
G1098-5	7	509	76	30	2.696E+07	4.026E+06	6.697	132.9	457.6 ±	57.2
G1098-5	9	121	104	50	3.846E+06	3.305E+06	1.163	109.1	81.9 ±	11.1
G1098-5	10	187	64	21	1.415E+07	4.843E+06	2.922	159.8	203.6 ±	29.8
G1098-5	11	149	48	20	1.184E+07	3.814E+06	3.104	125.9	216.1 ±	36.2
G1098-5	13	229	85	40	9.097E+06	3.377E+06	2.694	111.5	188.0 ±	24.2
G1098-5	16	272	125	40	1.081E+07	4.966E+06	2.176	163.9	152.3 ±	16.8
G1098-5	18	360	196	50	1.144E+07	6.229E+06	1.837	205.6	128.8 ±	11.8
G1098-5	22	393	68	40	1.561E+07	2.701E+06	5.779	89.2	396.8 ±	52.8
G1098-5	23	233	144	40	9.256E+06	5.721E+06	1.618	188.8	113.6 ±	12.3
G1098-5	24	227	97	50	7.214E+06	3.083E+06	2.340	101.8	163.6 ±	20.2
G1098-5	25	465	75	40	1.847E+07	2.980E+06	6.200	98.3	424.7 ±	53.7
G1098-5	31	272	80	40	1.081E+07	3.178E+06	3.400	104.9	236.4 ±	30.5
G1098-5	32	188	40	30	9.958E+06	2.119E+06	4.700	69.9	324.5 ±	57.0
G1098-5	33	158	24	30	8.369E+06	1.271E+06	6.583	42.0	450.1 ±	99.1
		4604	1439		1.141E+07	3.567E+06		117.7		

Area of basic unit = 6.293E-07 cm-²

χ^2 = 289.301 with 16 degrees of freedom

$P(\chi^2)$ = 0.0%

Age Dispersion = 49.140%

Ns / Ni = 3.199 ± 0.097

Mean Ratio = 3.759 ± 0.447

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass

ρ_D = 1.615E+06cm-² ND = 2478

ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-² ND = 1293

bottom of can; ρ_D = 1.506E+06cm-² ND = 1185

POOLED AGE =   222.7 ± 8.3 Ma

CENTRAL AGE = 216.9 ± 27.1 Ma

A:

GC743-18 Zircon   Gnarly Knots-1 2500-2600m
Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-6	1	98	43	12	1.298E+07	5.694E+06	2.279	188.8	158.7 ±	29.2
G1098-6	4	162	76	20	1.287E+07	6.038E+06	2.132	200.2	148.5 ±	20.9
G1098-6	5	111	58	9	1.960E+07	1.024E+07	1.914	339.5	133.5 ±	21.8
G1098-6	6	92	98	38	3.847E+06	4.098E+06	0.939	135.9	65.8 ±	9.7
G1098-6	7	162	111	50	5.149E+06	3.528E+06	1.459	117.0	102.1 ±	12.8
G1098-6	8	73	28	25	4.640E+06	1.780E+06	2.607	59.0	181.2 ±	40.5
G1098-6	10	145	37	20	1.152E+07	2.940E+06	3.919	97.5	270.5 ±	50.2
G1098-6	11	117	80	28	6.640E+06	4.540E+06	1.462	150.5	102.3 ±	15.0
G1098-6	16	264	192	50	8.390E+06	6.102E+06	1.375	202.3	96.2 ±	9.4
G1098-6	23	225	54	40	8.939E+06	2.145E+06	4.167	71.1	287.2 ±	44.0
G1098-6	24	163	40	20	1.295E+07	3.178E+06	4.075	105.4	281.0 ±	50.0
G1098-6	28	165	93	40	6.555E+06	3.695E+06	1.774	122.5	123.9 ±	16.3
G1098-6	29	116	104	60	3.072E+06	2.754E+06	1.115	91.3	78.2 ±	10.7
G1098-6	31	212	133	80	4.211E+06	2.642E+06	1.594	87.6	111.4 ±	12.6
G1098-6	33	108	45	24	7.151E+06	2.980E+06	2.400	98.8	167.0 ±	29.9
G1098-6	38	555	304	100	8.819E+06	4.831E+06	1.826	160.2	127.4 ±	9.5
G1098-6	39	100	165	40	3.973E+06	6.555E+06	0.606	217.3	42.6 ±	5.5
G1098-6	44	90	47	25	5.721E+06	2.987E+06	1.915	99.0	133.6 ±	24.2
G1098-6	49	217	55	20	1.724E+07	4.370E+06	3.945	144.9	272.3 ±	41.5
G1098-6	56	203	54	20	1.613E+07	4.290E+06	3.759	142.3	259.7 ±	40.2
		3378	1817		7.445E+06	4.005E+06		132.8		

Area of basic unit = 6.293E-07 cm-²
χ^2 = 266.059 with 19 degrees of freedom
$P(\chi^2)$ = 0.0%
Age Dispersion = 48.024%

Ns / Ni = 1.859 ± 0.054
Mean Ratio = 2.263 ± 0.251

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass
ρ_D = 1.608E+06cm-² ND = 2478
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-² ND = 1293
                     bottom of can; ρ_D = 1.506E+06cm-² ND = 1185
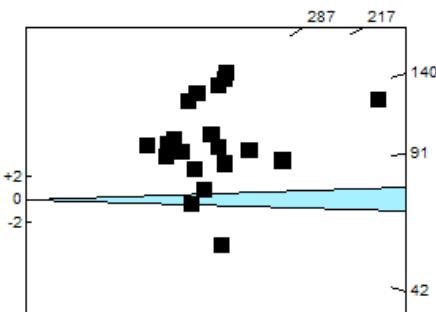
POOLED AGE = 129.7 ± 4.7 Ma
CENTRAL AGE = 134.1 ± 15.3 Ma

A:

GC743-19 Zircon   Gnarly Knots-1 2890-2990m
Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-7	1	183	101	40	7.270E+06	4.012E+06	1.812	133.6	125.9 ±	15.9
G1098-7	4	272	53	40	1.081E+07	2.106E+06	5.132	70.1	350.4 ±	53.2
G1098-7	6	143	58	20	1.136E+07	4.608E+06	2.466	153.5	170.7 ±	26.8
G1098-7	10	188	40	20	1.494E+07	3.178E+06	4.700	105.8	321.7 ±	56.5
G1098-7	11	142	51	20	1.128E+07	4.052E+06	2.784	135.0	192.5 ±	31.7
G1098-7	13	97	69	40	3.853E+06	2.741E+06	1.406	91.3	97.9 ±	15.6
G1098-7	15	173	80	40	6.873E+06	3.178E+06	2.162	105.8	150.0 ±	20.5
G1098-7	16	103	76	25	6.547E+06	4.831E+06	1.355	160.9	94.4 ±	14.4
G1098-7	17	208	137	50	6.611E+06	4.354E+06	1.518	145.0	105.7 ±	11.9
G1098-7	19	104	85	50	3.305E+06	2.701E+06	1.224	90.0	85.3 ±	12.6
G1098-7	21	139	26	20	1.104E+07	2.066E+06	5.346	68.8	364.7 ±	78.3
G1098-7	26	98	66	25	6.229E+06	4.195E+06	1.485	139.7	103.4 ±	16.6
G1098-7	27	303	100	50	9.630E+06	3.178E+06	3.030	105.8	209.2 ±	24.6
G1098-7	38	126	24	25	8.009E+06	1.526E+06	5.250	50.8	358.3 ±	80.2
G1098-7	43	161	90	50	5.117E+06	2.860E+06	1.789	95.3	124.3 ±	16.6
G1098-7	44	167	96	50	5.307E+06	3.051E+06	1.740	101.6	120.9 ±	15.7
G1098-7	45	197	207	100	3.130E+06	3.289E+06	0.952	109.6	66.4 ±	6.8
G1098-7	47	214	200	50	6.801E+06	6.356E+06	1.070	211.7	74.7 ±	7.5
G1098-7	48	248	192	80	4.926E+06	3.814E+06	1.292	127.0	90.0 ±	8.9
G1098-7	59	141	124	50	4.481E+06	3.941E+06	1.137	131.3	79.3 ±	9.9
		3407	1875		6.407E+06	3.526E+06		117.4		

Area of basic unit = 6.293E-07 cm-²
χ^2 = 289.086 with 19 degrees of freedom
P(χ^2) =0.0%
Age Dispersion =47.803%

Ns / Ni = 1.817 ± 0.052
Mean Ratio = 2.382 ± 0.337

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass
ρ_D = 1.600E+06cm-² ND =2478
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-² ND =1293
                        bottom of can; ρ_D = 1.506E+06cm-² ND =1185
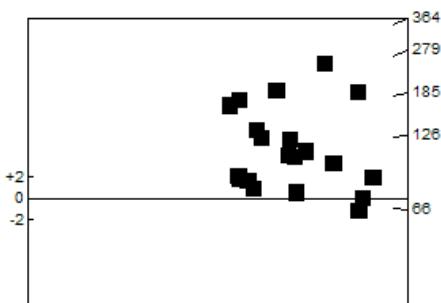
POOLED AGE =   126.3 ± 4.6 Ma
CENTRAL AGE = 133.1 ± 15.1 Ma

A:

GC743-20 Zircon   Gnarly Knots-1 3400-3500m
Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-8	1	83	82	16	8.243E+06	8.144E+06	1.012	272.5	70.3 ±	11.1
G1098-8	3	115	34	15	1.218E+07	3.602E+06	3.382	120.5	232.1 ±	45.6
G1098-8	4	174	63	20	1.382E+07	5.006E+06	2.762	167.5	190.1 ±	28.3
G1098-8	5	90	71	16	8.939E+06	7.051E+06	1.268	235.9	88.0 ±	14.1
G1098-8	10	118	60	25	7.500E+06	3.814E+06	1.967	127.6	135.9 ±	21.8
G1098-8	11	251	120	40	9.971E+06	4.767E+06	2.092	159.5	144.5 ±	16.3
G1098-8	12	85	49	24	5.628E+06	3.244E+06	1.735	108.5	120.1 ±	21.7
G1098-8	18	146	28	25	9.280E+06	1.780E+06	5.214	59.5	354.3 ±	73.5
G1098-8	20	71	93	24	4.701E+06	6.158E+06	0.763	206.0	53.1 ±	8.5
G1098-8	27	63	43	20	5.006E+06	3.416E+06	1.465	114.3	101.5 ±	20.2
G1098-8	28	102	69	28	5.789E+06	3.916E+06	1.478	131.0	102.5 ±	16.1
G1098-8	36	145	151	18	1.280E+07	1.333E+07	0.960	446.0	66.7 ±	7.9
G1098-8	38	101	19	25	6.420E+06	1.208E+06	5.316	40.4	361.1 ±	90.6
G1098-8	39	40	42	25	2.543E+06	2.670E+06	0.952	89.3	66.2 ±	14.7
G1098-8	40	89	36	20	7.071E+06	2.860E+06	2.472	95.7	170.4 ±	33.9
G1098-8	47	78	53	25	4.958E+06	3.369E+06	1.472	112.7	102.0 ±	18.3
G1098-8	48	118	17	15	1.250E+07	1.801E+06	6.941	60.3	467.5 ±	121.7
G1098-8	50	131	48	50	4.163E+06	1.526E+06	2.729	51.0	187.9 ±	32.0
G1098-8	53	94	17	15	9.958E+06	1.801E+06	5.529	60.3	375.2 ±	99.2
G1098-8	58	77	44	24	5.098E+06	2.913E+06	1.750	97.5	121.1 ±	23.0
		2171	1139		7.340E+06	3.851E+06		128.8		

Area of basic unit = 6.293E-07 cm-²

χ^2 = 226.367 with 19 degrees of freedom

$P(\chi^2)$ = 0.0%

Age Dispersion = 54.637%

Ns / Ni = 1.906 ± 0.070

Mean Ratio = 2.563 ± 0.402

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass

ρ_D = 1.593E+06cm-² ND = 2478
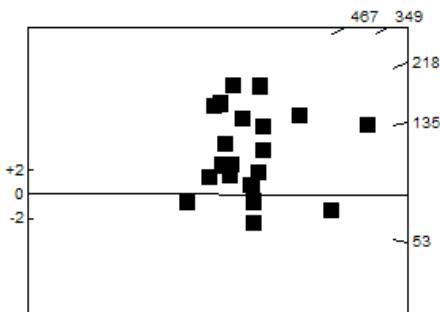
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-² ND = 1293

bottom of can; ρ_D = 1.506E+06cm-² ND = 1185

POOLED AGE = 131.8 ± 5.6 Ma

CENTRAL AGE = 134.7 ± 17.5 Ma

A:

GC743-21 Zircon
Counted by: PFG

Gnarly Knots-1 3800-3900m

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-9	1	223	53	25	1.417E+07	3.369E+06	4.208	113.2	286.2 ±	44.2
G1098-9	3	258	38	50	8.200E+06	1.208E+06	6.789	40.6	455.7 ±	79.8
G1098-9	4	110	55	25	6.992E+06	3.496E+06	2.000	117.5	137.6 ±	22.9
G1098-9	14	63	31	20	5.006E+06	2.463E+06	2.032	82.8	139.8 ±	30.8
G1098-9	15	81	28	21	6.129E+06	2.119E+06	2.893	71.2	198.1 ±	43.6
G1098-9	22	95	37	9	1.677E+07	6.533E+06	2.568	219.6	176.1 ±	34.4
G1098-9	23	159	33	20	1.263E+07	2.622E+06	4.818	88.1	326.7 ±	62.9
G1098-9	24	180	98	20	1.430E+07	7.786E+06	1.837	261.7	126.5 ±	16.1
G1098-9	25	147	59	30	7.786E+06	3.125E+06	2.492	105.0	171.0 ±	26.6
G1098-9	28	85	62	20	6.754E+06	4.926E+06	1.371	165.6	94.6 ±	15.9
G1098-9	30	113	114	100	1.796E+06	1.812E+06	0.991	60.9	68.6 ±	9.2
G1098-9	31	119	36	25	7.564E+06	2.288E+06	3.306	76.9	225.9 ±	43.3
G1098-9	34	223	68	20	1.772E+07	5.403E+06	3.279	181.6	224.1 ±	31.4
G1098-9	36	103	18	20	8.184E+06	1.430E+06	5.722	48.1	386.1 ±	99.0
G1098-9	38	109	31	20	8.660E+06	2.463E+06	3.516	82.8	240.0 ±	49.1
G1098-9	40	257	41	20	2.042E+07	3.258E+06	6.268	109.5	421.8 ±	71.5
G1098-9	47	106	63	18	9.358E+06	5.562E+06	1.683	186.9	116.0 ±	18.6
G1098-9	50	197	144	20	1.565E+07	1.144E+07	1.368	384.5	94.4 ±	10.6
G1098-9	57	154	67	20	1.224E+07	5.323E+06	2.299	178.9	157.9 ±	23.4
G1098-9	66	78	76	40	3.099E+06	3.019E+06	1.026	101.5	71.0 ±	11.5
		2860	1152		8.370E+06	3.371E+06		113.3		

Area of basic unit = 6.293E-07 cm-²
χ^2 = 256.280 with 19 degrees of freedom
$P(\chi^2)$ = 0.0%
Age Dispersion = 51.244%

Ns / Ni = 2.483 ± 0.087
Mean Ratio = 3.023 ± 0.387

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass
ρ_D = 1.586E+06cm-² ND = 2478
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-² ND = 1293
bottom of can; ρ_D = 1.506E+06cm-² ND = 1185
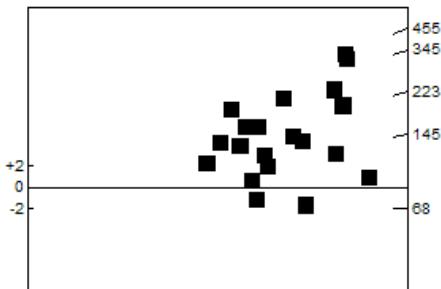
POOLED AGE = 170.4 ± 7.0 Ma
CENTRAL AGE = 167.4 ± 20.4 Ma

A:

GC743-22 Zircon   Gnarly Knots-1 4000-4110m
Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-1	5	134	47	25	8.517E+06	2.987E+06	2.851	100.9	194.4 ±	33.2
G1098-1	6	160	62	24	1.059E+07	4.105E+06	2.581	138.6	176.2 ±	26.6
G1098-1	8	117	102	16	1.162E+07	1.013E+07	1.147	342.0	78.9 ±	10.8
G1098-1	10	145	93	25	9.217E+06	5.911E+06	1.559	199.6	107.0 ±	14.4
G1098-1	16	118	144	36	5.209E+06	6.356E+06	0.819	214.6	56.5 ±	7.1
G1098-1	18	72	55	15	7.628E+06	5.827E+06	1.309	196.7	90.0 ±	16.2
G1098-1	19	93	47	12	1.232E+07	6.224E+06	1.979	210.1	135.5 ±	24.4
G1098-1	27	175	222	30	9.270E+06	1.176E+07	0.788	397.0	54.3 ±	5.6
G1098-1	28	192	48	16	1.907E+07	4.767E+06	4.000	161.0	271.1 ±	44.2
G1098-1	32	227	69	20	1.804E+07	5.482E+06	3.290	185.1	223.8 ±	31.2
G1098-1	33	118	99	50	3.750E+06	3.146E+06	1.192	106.2	82.0 ±	11.3
G1098-1	38	121	107	30	6.409E+06	5.668E+06	1.131	191.4	77.8 ±	10.5
G1098-1	39	321	99	40	1.275E+07	3.933E+06	3.242	132.8	220.6 ±	25.8
G1098-1	42	98	71	16	9.733E+06	7.051E+06	1.380	238.1	94.8 ±	14.9
G1098-1	44	133	53	40	5.284E+06	2.106E+06	2.509	71.1	171.4 ±	28.1
G1098-1	45	74	24	25	4.704E+06	1.526E+06	3.083	51.5	210.0 ±	49.5
G1098-1	46	63	17	15	6.674E+06	1.801E+06	3.706	60.8	251.6 ±	69.0
G1098-1	55	189	60	25	1.201E+07	3.814E+06	3.150	128.8	214.5 ±	32.1
G1098-1	57	363	114	40	1.442E+07	4.529E+06	3.184	152.9	216.7 ±	23.8
G1098-1	63	102	85	40	4.052E+06	3.377E+06	1.200	114.0	82.5 ±	12.3
		3015	1618		8.872E+06	4.761E+06		160.8		

Area of basic unit = 6.293E-07 cm-²   Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass
χ^2 = 309.550 with 19 degrees of freedom ρ_D = 1.579E+06cm-² ND =2478
P(χ^2) =0.0% ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-² ND =1293
Age Dispersion =49.262%   bottom of can; ρ_D = 1.506E+06cm-² ND =1185
Ns / Ni = 1.863 ± 0.057
Mean Ratio = 2.205 ± 0.236   POOLED AGE =   127.7 ± 4.8 Ma
                                                       CENTRAL AGE = 127.8 ± 15.0 Ma
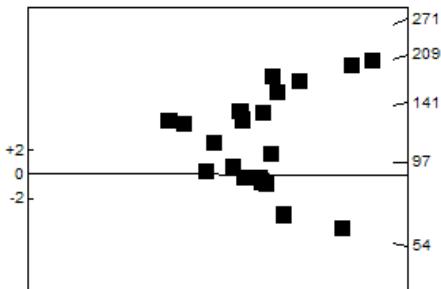
A:

GC743-23 Zircon

Gnarly Knots-1 4200-4300m

Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-1	1	119	107	30	6.303E+06	5.668E+06	1.112	192.2	76.2 ±	10.3
G1098-1	4	123	47	20	9.773E+06	3.734E+06	2.617	126.7	177.9 ±	30.8
G1098-1	8	145	66	25	9.217E+06	4.195E+06	2.197	142.3	149.6 ±	22.5
G1098-1	9	130	82	40	5.164E+06	3.258E+06	1.585	110.5	108.3 ±	15.5
G1098-1	11	152	33	25	9.662E+06	2.098E+06	4.606	71.1	309.8 ±	59.9
G1098-1	12	155	126	50	4.926E+06	4.004E+06	1.230	135.8	84.2 ±	10.3
G1098-1	14	448	109	40	1.780E+07	4.330E+06	4.110	146.9	277.2 ±	30.2
G1098-1	16	99	75	16	9.832E+06	7.449E+06	1.320	252.6	90.3 ±	14.0
G1098-1	23	74	71	15	7.839E+06	7.522E+06	1.042	255.1	71.4 ±	12.0
G1098-1	38	276	121	40	1.096E+07	4.807E+06	2.281	163.0	155.3 ±	17.3
G1098-1	42	299	48	25	1.901E+07	3.051E+06	6.229	103.5	415.6 ±	65.3
G1098-1	50	140	142	50	4.449E+06	4.513E+06	0.986	153.1	67.6 ±	8.2
G1098-1	55	89	74	20	7.071E+06	5.880E+06	1.203	199.4	82.3 ±	13.1
G1098-1	62	81	13	25	5.149E+06	8.263E+05	6.231	28.0	415.7 ±	124.5
G1098-1	64	138	20	20	1.096E+07	1.589E+06	6.900	53.9	458.8 ±	110.2
G1098-1	69	124	96	15	1.314E+07	1.017E+07	1.292	344.9	88.4 ±	12.2
G1098-1	73	239	98	50	7.596E+06	3.115E+06	2.439	105.6	165.9 ±	20.2
G1098-1	74	196	41	20	1.557E+07	3.258E+06	4.780	110.5	321.3 ±	55.6
G1098-1	75	254	52	25	1.614E+07	3.305E+06	4.885	112.1	328.1 ±	50.5
G1098-1	76	66	21	15	6.992E+06	2.225E+06	3.143	75.5	213.0 ±	53.6
		3347	1442		9.397E+06	4.048E+06		137.3		

Area of basic unit = 6.293E-07 cm-²

χ^2 = 365.717 with 19 degrees of freedom

P(χ^2) =0.0%

Age Dispersion =59.217%

Ns / Ni = 2.321 ± 0.073

Mean Ratio = 3.009 ± 0.441

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass

ρ_D = 1.571E+06cm-²   ND =2478
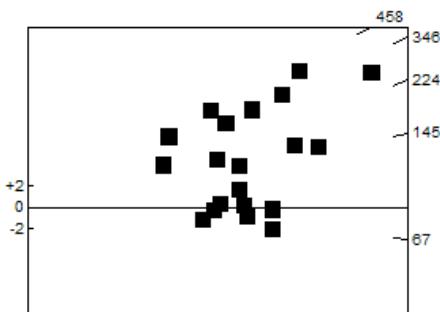
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-²   ND =1293

bottom of can; ρ_D = 1.506E+06cm-²   ND =1185

POOLED AGE =   158.0 ± 6.1 Ma

CENTRAL AGE = 152.4 ± 21.1 Ma

A:

GC743-24 Zircon   Gnarly Knots-1 4350-4450m
Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-1	2	176	100	50	5.594E+06	3.178E+06	1.760	108.3	119.6 ±	15.2
G1098-1	8	125	104	30	6.621E+06	5.509E+06	1.202	187.7	81.9 ±	11.0
G1098-1	11	207	40	25	1.316E+07	2.543E+06	5.175	86.6	345.5 ±	60.2
G1098-1	13	273	34	20	2.169E+07	2.701E+06	8.029	92.0	528.5 ±	96.8
G1098-1	17	69	15	20	5.482E+06	1.192E+06	4.600	40.6	308.0 ±	88.0
G1098-1	18	215	83	40	8.541E+06	3.297E+06	2.590	112.4	175.3 ±	23.0
G1098-1	19	237	27	36	1.046E+07	1.192E+06	8.778	40.6	575.6 ±	117.6
G1098-1	24	161	33	25	1.023E+07	2.098E+06	4.879	71.5	326.2 ±	62.8
G1098-1	26	130	28	20	1.033E+07	2.225E+06	4.643	75.8	310.8 ±	65.1
G1098-1	32	223	96	40	8.859E+06	3.814E+06	2.323	129.9	157.4 ±	19.5
G1098-1	36	209	74	30	1.107E+07	3.920E+06	2.824	133.6	190.9 ±	26.2
G1098-1	38	98	54	25	6.229E+06	3.432E+06	1.815	117.0	123.3 ±	21.1
G1098-1	43	109	114	50	3.464E+06	3.623E+06	0.956	123.5	65.3 ±	8.9
G1098-1	44	83	74	50	2.638E+06	2.352E+06	1.122	80.1	76.5 ±	12.3
G1098-1	45	180	35	25	1.144E+07	2.225E+06	5.143	75.8	343.4 ±	63.9
G1098-1	50	211	51	20	1.676E+07	4.052E+06	4.137	138.1	277.7 ±	43.8
G1098-1	51	179	128	40	7.111E+06	5.085E+06	1.398	173.3	95.2 ±	11.2
G1098-1	53	180	101	40	7.151E+06	4.012E+06	1.782	136.7	121.1 ±	15.3
G1098-1	56	114	79	36	5.032E+06	3.487E+06	1.443	118.8	98.2 ±	14.5
G1098-1	70	137	99	50	4.354E+06	3.146E+06	1.384	107.2	94.2 ±	12.6
		3316	1369		7.841E+06	3.237E+06		110.3		

Area of basic unit = 6.293E-07 cm-²

χ^2 = 350.776 with 19 degrees of freedom

$P(\chi^2)$ = 0.0%

Age Dispersion = 59.229%

Ns / Ni = 2.422 ± 0.078

Mean Ratio = 3.299 ± 0.513

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass

ρ_D = 1.564E+06cm-²   ND = 2478
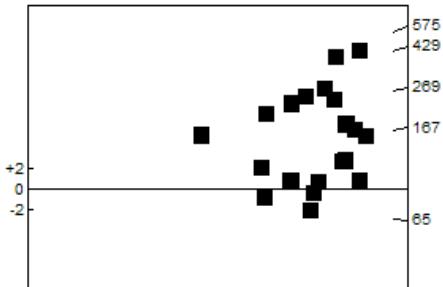
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-²   ND = 1293
                                  bottom of can; ρ_D = 1.506E+06cm-²   ND = 1185

POOLED AGE =   164.0 ± 6.4 Ma

CENTRAL AGE = 163.3 ± 22.6 Ma

A:

GC743-25 Zircon   Gnarly Knots-1 4500-4600m
Counted by: PFG

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-1	3	215	187	40	8.541E+06	7.429E+06	1.150	254.3	78.0 ±	8.0
G1098-1	4	93	50	20	7.389E+06	3.973E+06	1.860	136.0	125.8 ±	22.2
G1098-1	7	256	93	30	1.356E+07	4.926E+06	2.753	168.6	185.3 ±	22.8
G1098-1	11	173	108	25	1.100E+07	6.865E+06	1.602	235.0	108.4 ±	13.5
G1098-1	12	96	58	20	7.628E+06	4.608E+06	1.655	157.8	112.0 ±	18.8
G1098-1	15	72	72	60	1.907E+06	1.907E+06	1.000	65.3	67.9 ±	11.4
G1098-1	25	137	39	16	1.361E+07	3.873E+06	3.513	132.6	235.5 ±	43.1
G1098-1	32	196	39	25	1.246E+07	2.479E+06	5.026	84.9	334.3 ±	59.1
G1098-1	41	132	18	20	1.049E+07	1.430E+06	7.333	49.0	482.2 ±	121.6
G1098-1	44	87	55	25	5.530E+06	3.496E+06	1.582	119.7	107.1 ±	18.6
G1098-1	45	118	89	36	5.209E+06	3.929E+06	1.326	134.5	89.9 ±	12.8
G1098-1	46	165	38	30	8.740E+06	2.013E+06	4.342	68.9	289.8 ±	52.5
G1098-1	49	251	150	50	7.977E+06	4.767E+06	1.673	163.2	113.2 ±	12.0
G1098-1	54	199	48	20	1.581E+07	3.814E+06	4.146	130.6	277.0 ±	45.0
G1098-1	55	321	102	30	1.700E+07	5.403E+06	3.147	185.0	211.4 ±	24.5
G1098-1	56	285	184	50	9.058E+06	5.848E+06	1.549	200.2	104.9 ±	10.2
G1098-1	58	38	31	20	3.019E+06	2.463E+06	1.226	84.3	83.2 ±	20.2
G1098-1	59	169	61	16	1.678E+07	6.058E+06	2.770	207.4	186.4 ±	28.1
G1098-1	63	154	52	25	9.789E+06	3.305E+06	2.962	113.1	199.1 ±	32.2
G1098-1	66	140	94	30	7.416E+06	4.979E+06	1.489	170.4	100.9 ±	13.6
		3297	1568		8.910E+06	4.238E+06		145.1		

Area of basic unit = 6.293E-07 cm^{-2}

χ^2 = 230.770 with 19 degrees of freedom

P(χ^2) = 0.0%

Age Dispersion = 46.879%

Ns / Ni = 2.103 ± 0.065

Mean Ratio = 2.605 ± 0.362

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass

ρ_D = 1.557E+06cm^{-2} ND = 2478
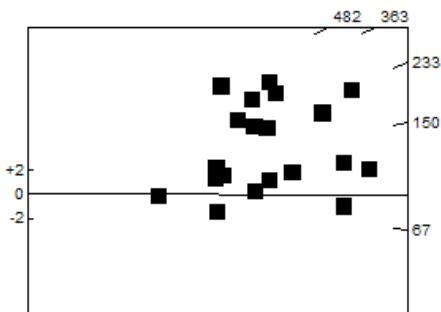
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm^{-2} ND = 1293

bottom of can; ρ_D = 1.506E+06cm^{-2} ND = 1185

POOLED AGE =   142.0 ± 5.4 Ma

CENTRAL AGE = 143.2 ± 16.1 Ma

A:

GC743-26 Zircon
Counted by: PFG

Gnarly Knots-1 4625-4725m

Slide ref	Current grain no	N_s	N_i	N_a	ρ_s	ρ_i	RATIO	U (ppm)	F.T. AGE (Ma)	
G1098-1	1	268	171	40	1.065E+07	6.793E+06	1.567	233.6	105.6 ±	10.6
G1098-1	3	149	48	25	9.471E+06	3.051E+06	3.104	104.9	207.6 ±	34.8
G1098-1	7	55	47	25	3.496E+06	2.987E+06	1.170	102.7	79.0 ±	15.8
G1098-1	8	276	124	50	8.772E+06	3.941E+06	2.226	135.5	149.5 ±	16.5
G1098-1	9	190	116	40	7.548E+06	4.608E+06	1.638	158.5	110.4 ±	13.2
G1098-1	11	129	90	20	1.025E+07	7.151E+06	1.433	245.9	96.7 ±	13.4
G1098-1	20	315	52	40	1.251E+07	2.066E+06	6.058	71.0	399.1 ±	60.4
G1098-1	28	126	58	25	8.009E+06	3.687E+06	2.172	126.8	146.0 ±	23.4
G1098-1	29	251	74	40	9.971E+06	2.940E+06	3.392	101.1	226.5 ±	30.4
G1098-1	33	265	76	25	1.684E+07	4.831E+06	3.487	166.1	232.7 ±	30.7
G1098-1	35	82	82	40	3.258E+06	3.258E+06	1.000	112.0	67.6 ±	10.7
G1098-1	36	134	73	36	5.915E+06	3.222E+06	1.836	110.8	123.6 ±	18.2
G1098-1	37	142	63	28	8.059E+06	3.575E+06	2.254	123.0	151.4 ±	23.2
G1098-1	46	174	120	40	6.912E+06	4.767E+06	1.450	164.0	97.8 ±	11.8
G1098-1	51	101	26	12	1.337E+07	3.443E+06	3.885	118.4	258.7 ±	57.2
G1098-1	65	135	65	50	4.290E+06	2.066E+06	2.077	71.0	139.6 ±	21.3
G1098-1	72	336	150	40	1.335E+07	5.959E+06	2.240	204.9	150.5 ±	15.1
G1098-1	73	202	73	50	6.420E+06	2.320E+06	2.767	79.8	185.4 ±	25.6
G1098-1	80	337	83	50	1.071E+07	2.638E+06	4.060	90.7	270.2 ±	33.6
G1098-1	82	193	47	40	7.667E+06	1.867E+06	4.106	64.2	273.2 ±	44.8
		3860	1638		8.567E+06	3.635E+06		125.0		

Area of basic unit = 6.293E-07 cm-²
χ^2 = 208.487 with 19 degrees of freedom
$P(\chi^2)$ = 0.0%
Age Dispersion = 41.434%

Ns / Ni = 2.357 ± 0.069
Mean Ratio = 2.596 ± 0.283

Ages calculated using a zeta of 87.7 ± 0.8 for U3 glass
ρ_D = 1.550E+06cm-² ND = 2478
ρ_D interpolated between top of can; ρ_D = 1.644E+06cm-² ND = 1293
bottom of can; ρ_D = 1.506E+06cm-² ND = 1185
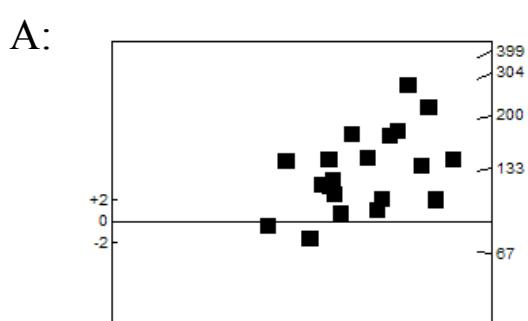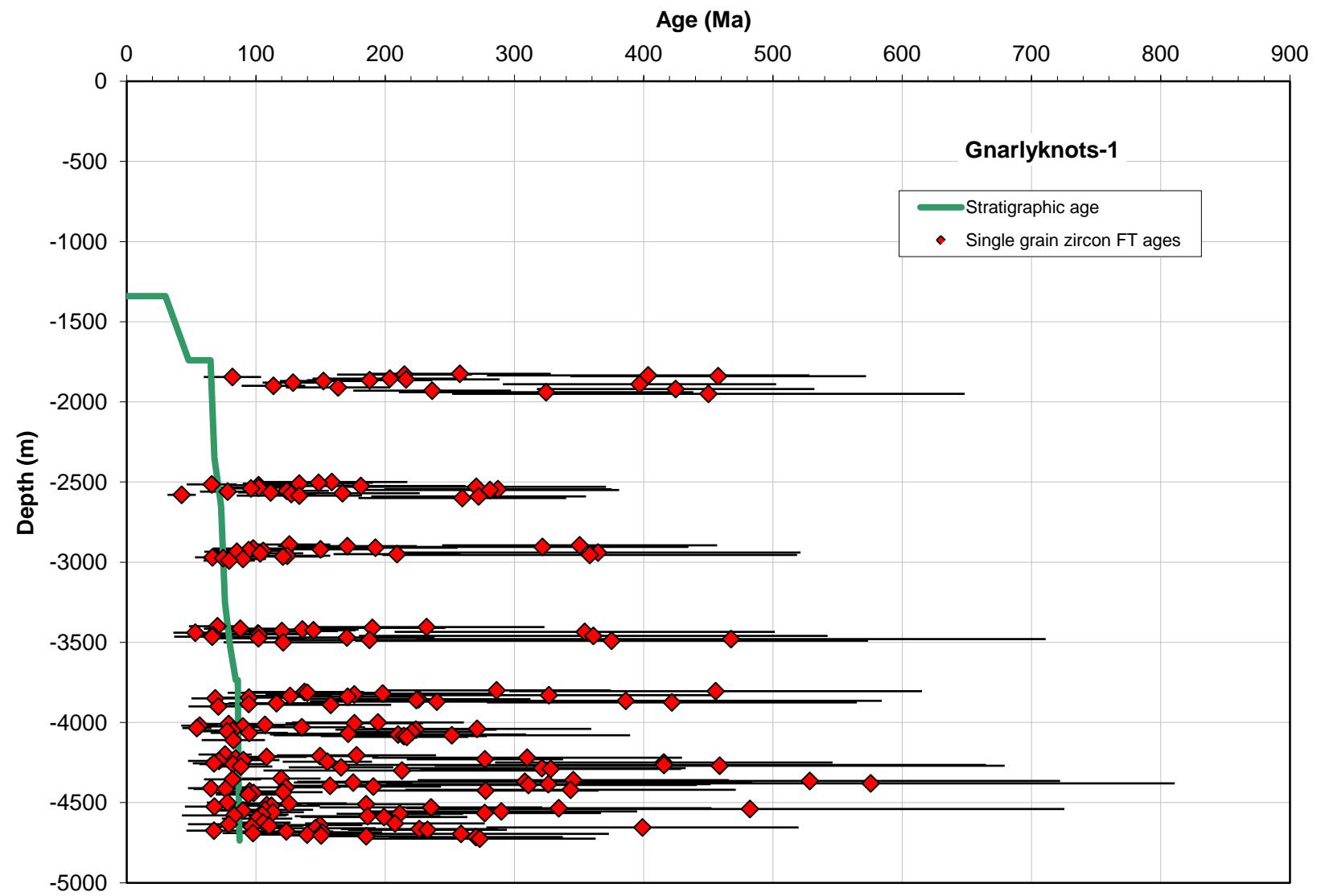
POOLED AGE =   158.2 ± 5.8 Ma
CENTRAL AGE = 151.6 ± 15.2 Ma

A:

Supplementary Data

Well and Sample Information

Well	Sample #	Depth (m)	Strat. Age	Formation Name
Gnarlyknots-1A	74317	1825-1950	Maastrichtian	Potoroo Fm.
Gnarlyknots-1A	74318	2500-2600	Campanian-Maastrichtian	Potoroo Fm.
Gnarlyknots-1A	74319	2890-2990	Campanian	Potoroo Fm.
Gnarlyknots-1A	74320	3400-3500	Santonian	Potoroo Fm.
Gnarlyknots-1A	74321	3800-3900	Santonian	Potoroo-Wigunda Fms.
Gnarlyknots-1A	74322	4000-4110	Santonian	Potoroo-Wigunda Fms.
Gnarlyknots-1A	74323	4200-4300	Santonian	Potoroo-Wigunda Fms.
Gnarlyknots-1A	74324	4350-4450	Coniacian	Potoroo-Wigunda Fms.
Gnarlyknots-1A	74325	4500-4600	Coniacian	Potoroo-Wigunda Fms.
Gnarlyknots-1A	74326	4625-4725	Coniacian-Turonian	Potoroo-Wigunda Fms.

Coordinates - Gnarlyknots-1A

LAT	LONG	
34° 17' 39.06" S	131° 23' 03.01" E	WGS 84

EASTING	NORTHING	
719 434.2 m	6 202 651.4 m	UTM Zone 52