

## Supplemental Methods

The previously reported Buchanan Lake section (Grasby and Beauchamp, 2009; Grasby et al., 2011; Sanei et al., 2012), was sampled from 20 to 100 cm intervals over 142 m (234 samples). Smith Creek area data, reported here for the first time, represents 900 m of lower Triassic strata sampled at 3 m intervals (271 samples). The lower 475 m of the section was sampled along a small tributary, one km southwest of Smith Creek where the upper Griesbachian to lower Smithian (up to the occurrence of *E. romunderi*) record is best exposed and easily accessible. The remainder of the section (starting from the occurrence of *E. romunderi*) was sampled along Smith Creek. In the field outcrop surfaces were cleaned and fresh exposed rock was collected. In the laboratory any remaining weathered surfaces were removed and clean samples were powdered using an agate mortar and pestle. Total organic carbon (TOC) was measured using Rock-Eval 6<sup>©</sup>, with +/- 5% analytical error of reported value, based on repeats and reproducibility of standards run after every 5th sample. Elemental determinations for Mo and Al are based on total dissolution of the sample using concentrated nitric, perchloric and hydrofluoric acids followed by a lithium metaborate fusion of any residual material. Samples were analyzed by ICP mass spectrometry (+/- 5% based on reproducibility of standards).

For determination of  $\delta^{13}\text{C}_{\text{org}}$ , samples were washed with hydrochloric acid, and rinsed with distilled water to remove any carbonate before determination of  $\delta^{13}\text{C}$  of organic carbon ( $\delta^{13}\text{C}_{\text{org}} +/ - 0.2\text{\textperthousand}$ ). Stable isotope measurements were conducted at the Isotope Science Laboratory, University of Calgary.

Based on regional thermal maturation studies, using spore, pollen and conodont color alteration, and vitrinite reflectance (Utting et al., 1989), our studied sections are located in a thermal alteration index (TAI) zone of 4 or less (below greenschist facies), indicating that alteration of  $\delta^{13}\text{C}_{\text{org}}$  values due to burial diagenesis is negligible (Hayes et al., 1983).

## References

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Supplementary Table DR1: Geochemical Data for the Smith Creek and Buchanan Lake Sections. Depths are measured in metres (m) relative to base of section. N.a = not analysed

Smith Creek Section							Buchanan Lake Section						
Sample no.	m above base	d <sup>13</sup> C	% TOC	Mo/Al	Fe <sub>py</sub> %		Sample no.	m above base	d <sup>13</sup> C	% TOC	Mo/Al	Fe <sub>py</sub> %	
C-486673	10.5	-30.0	0.29	0.57	1.26		C-411441	93.30	-27.3	0.37	0.38	0.96	
C-486674	13.5	-30.5	0.37	0.68	1.65		C-411442	93.35	-26.8	1.56	0.83	1.42	
C-486675	16.5	-29.8	0.27	0.21	1.65		C-411443	93.80	-26.9	4.28	0.82	0.55	
C-486676	19.5	-29.8	0.41	0.30	1.48		C-411447	95.80	-28.3	0.16	0.39	0.21	
C-486677	22.5	-28.2	0.18	0.05	0.03		C-411448	96.30	-28.1	0.11	0.13	0.37	
C-486678	25.5	-28.4	0.33	0.20	2.00		C-411450	97.30	-28.6	0.32	0.59	0.44	
C-486679	28.5	-28.4	0.12	0.04	0.07		C-411452	98.30	-27.2	0.31	0.42	0.51	
C-486680	31.5	-25.2	0.44	0.43	1.31		C-411453	98.80	-27.9	0.61	0.13	0.43	
C-486681	34.5	n.a	0.40	0.42	1.40		C-411454	99.30	-27.2	0.39	0.15	0.65	
C-486682	37.5	-29.1	0.33	0.23	1.10		C-411455	99.80	-27.2	1.79	2.01	1.88	
C-486683	40.5	-28.6	0.23	0.17	0.34		C-411458	101.30	-27.5	2.65	0.75	0.99	
C-486684	43.5	-28.4	0.27	0.17	0.69		C-411460	102.00	-27.6	0.18	0.50	0.80	
C-486685	46.5	-28.5	0.36	0.09	0.88		C-411462	102.40	-27.7	0.23	0.37	0.70	
C-486686	49.5	-28.6	0.29	0.11	0.75		C-411463	102.60	-27.9	3.72	0.36	0.90	
C-486687	52.5	n.a	0.26	0.09	0.82		C-411464	102.80	-27.5	1.89	1.34	1.57	
C-486688	55.5	-28.5	0.27	0.11	1.05		C-411468	103.60	-27.6	0.26	0.86	0.48	
C-486689	58.5	-28.5	0.23	0.18	0.87		C-411469	103.80	-27.5	2.98	0.50	0.76	
C-486690	61.5	-27.9	0.29	0.10	0.93		C-411470	104.00	-27.6	3.05	0.63	0.44	
C-486691	64.5	-28.1	0.40	0.13	0.99		C-411472	104.40	-27.2	0.51	0.91	0.77	
C-486692	67.5	-28.1	0.21	0.14	0.66		C-411474	104.80	-27.0	0.39	0.13	0.88	
C-486693	70.5	-27.9	0.17	0.14	0.56		C-411475	105.00	-27.3	1.53	0.25	1.27	
C-486694	73.5	-28.3	0.38	0.17	0.73		C-411476	105.20	-27.5	1.92	0.50	1.05	
C-486695	76.5	-27.1	0.19	0.07	0.55		C-411477	105.40	-28.1	4.33	0.37	1.01	
C-486696	79.5	-28.3	0.39	0.13	0.80		C-411479	105.80	-27.9	0.49	10.23		
C-486697	82.5	-24.6	0.14	0.03	0.80		C-411480	106.00	-27.8	0.39	5.66	2.64	
C-486698	85.5	-28.4	0.36	0.27	1.25		C-411481	106.20	-28.5	0.54	1.35	1.44	
C-486699	88.5	-28.2	0.42	0.05	0.81		C-411482	105.90	-28.7	0.46	4.14	2.77	
C-486700	91.5	-28.3	0.47	0.19	1.02		C-411483	106.00	n.a.	0.14	21.28		
C-486701	94.5	-28.2	0.59	0.23	0.94		C-411484	106.10	-28.2	0.42	6.51	3.00	
C-486702	97.5	-28.2	0.54	0.22	0.99		C-411485	106.30	-28.4	0.63	3.24	1.66	
C-486703	100.5	-28.2	0.48	0.24	0.84		C-411495	106.50	-29.1	0.67	1.68	2.05	
C-486704	103.5	-27.8	0.64	0.22	1.20		C-411497	106.90	-29.2	0.65	0.50	2.64	
C-486705	106.5	-28.3	0.56	0.28	1.10		C-411498	107.10	-27.2	0.11	0.00	1.71	

C-486706	109.5	-27.5	0.43	0.15	1.01	C-411499	107.30	-28.8	0.64	0.43	1.55
C-486707	112.5	-28.2	0.52	0.08	0.86	C-411500	107.50	-29.2	0.71	1.33	0.82
C-486708	115.5	-28.1	0.56	0.12	0.95	C-411501-a	107.70	-28.8	0.59	0.73	0.85
C-486709	118.5	-28.0	0.36	0.28	1.00	C-411502-a	107.90	-29.1	0.58	0.87	2.45
C-486710	121.5	-28.0	0.35	0.24	1.03	C-411503-a	108.10	-29.3	0.68	0.63	0.97
C-486711	124.5	-28.0	0.35	0.56	0.91	C-411504-a	108.40	-29.7	0.85	0.60	0.74
C-486712	127.5	-28.0	0.30	0.06	0.90	C-411505-a	108.60	-29.8	0.71	0.69	2.21
C-486713	130.5	-28.2	0.30	0.06	0.93	C-411506-a	108.80	-29.6	0.87	1.38	0.63
C-486714	133.5	-27.7	0.23	0.03	0.41	C-411507-a	109.00	-30.4	0.99	3.38	0.49
C-486715	136.5	-28.4	0.27	0.03	0.69	C-411508-a	109.20	-27.8	0.32	1.04	0.49
C-486716	139.5	-28.0	0.34	0.06	0.75	C-411509-a	109.40	n.a.	0.00	0.00	0.36
C-486717	142.5	-27.0	0.18	0.03	0.56	C-411510-a	109.60	-28.5	0.49	0.25	0.57
C-486718	145.5	-27.4	0.19	0.04	0.70	C-411511-a	109.80	-28.7	0.52	0.33	0.45
C-486719	148.5	-27.1	0.14	0.03	0.64	C-411512-a	110.00	-28.9	0.81	1.28	0.39
C-486720	151.5	-27.0	0.23	0.04	0.69	C-411513-a	110.20	-29.5	0.99	1.87	0.52
C-486721	154.5	-26.7	0.18	0.03	0.52	C-411514-a	110.40	-29.6	0.68	2.38	0.44
C-486722	157.5	n.a.	0.22	0.03	0.54	C-411515-a	110.70	-30.2	0.66	2.28	0.39
C-486723	160.5	-27.0	0.20	0.03	0.50	C-411516-a	110.90	-29.9	1.10	3.17	0.42
C-486724	163.5	-26.9	0.21	0.13	0.72	C-411517-a	111.40	-29.2	0.81	1.75	0.48
C-486725	166.5	-26.8	0.14	0.03	0.17	C-411518-a	111.90	-29.9	1.03	3.56	0.57
C-486726	169.5	-27.0	0.21	0.08	0.90	C-411519-a	112.40	-29.3	0.69	1.98	0.57
C-486727	172.5	-26.8	0.14	0.02	0.10	C-411520-a	112.90	-29.4	0.59	1.43	0.44
C-486728	175.5	-27.0	0.16	0.08	0.67	C-411521-a	113.40	-29.2	0.42	1.52	0.31
C-486729	178.5	-26.8	0.12	0.07	0.35	C-411522-a	114.40	-29.1	0.42	1.23	0.59
C-486730	181.5	-26.6	0.09	0.03	0.14	C-411523-a	115.40	-30.1	1.04	4.21	0.49
C-491022	184.5	-27.8	0.08	0.08	0.49	C-411524-a	116.40	-29.7	0.85	2.18	0.68
C-486731	187.5	-26.3	0.12	0.03	0.22	C-411525-a	117.40	-29.7	0.89	1.08	0.68
C-486732	190.5	-26.8	0.15	0.02	0.06	C-411526-a	118.40	n.a.	0.32	2.16	0.58
C-486733	193.5	-26.7	0.13	0.08	0.69	C-411527-a	119.40	-28.9	0.70	0.70	0.76
C-486734	196.5	-27.5	0.12	0.02	0.35	C-411528-a	120.40	-29.5	1.22	0.89	0.42
C-486735	199.5	-26.8	0.12	0.02	0.02	C-411529-a	121.40	-29.4	0.93	0.61	0.51
C-486736	202.5	-24.0	0.10	0.02	0.00	C-411530-a	122.40	-27.6	0.47	1.15	0.75
C-486737	205.5	-26.9	0.19	0.08	0.81	C-411531-a	123.40	-26.6	0.34	0.00	
C-486738	208.5	-26.7	0.08	0.05	0.27	C-411532-a	124.40	n.a.	0.02	0.00	0.87
C-486739	211.5	n.a.	0.14	0.04	0.67	C-411533-a	125.40	-27.8	0.47	0.53	1.22
C-486740	214.5	-27.2	0.15	0.06	0.58	C-445048	126.65	-28.9	0.23	0.45	1.03
C-486741	217.5	-27.2	0.15	0.03	0.47	C-445049	127.15	-29.2	0.32	0.24	1.83

C-486742	220.5	-27.3	0.14	0.03	0.37	C-445051	128.15	-30.2	0.54	0.51	1.71
C-486743	223.5	-27.3	0.13	0.03	0.37	C-445053	129.15	-29.5	0.10	0.23	0.69
C-486744	226.5	-27.3	0.13	0.03	0.35	C-445055	130.25	-28.9	0.22	0.38	1.88
C-486745	229.5	-27.2	0.23	0.14	0.76	C-445057	131.25	-29.8	0.52	0.59	1.25
C-486746	232.5	-27.2	0.21	0.11	0.76	C-445059	132.25	-29.6	0.40	0.46	0.37
C-486747	235.5	n.a	0.16	0.03	0.38	C-445062	133.75	-30.4	0.13	0.44	0.69
C-486748	238.5	-26.8	0.16	0.04	0.62	C-445066	135.75	-29.8	0.44	0.48	1.09
C-486749	241.5	-27.0	0.16	0.05	0.16	C-445071	138.25	-29.5	0.15	0.07	0.00
C-486750	244.5	-26.2	0.11	0.04	0.05	C-445074	139.75	-29.9	0.30	0.52	0.22
C-486751	247.5	-26.1	0.08	0.03	0.03	C-445083	93.00	-27.7	1.62	0.47	0.49
C-486752	250.5	-26.8	0.11	0.03	0.12	C-445084	92.00	-27.5	1.76	0.83	0.68
C-486753	253.5	-26.5	0.08	0.05	0.09	C-445085	91.00	-27.5	2.59	0.65	0.50
C-486754	256.5	-26.9	0.12	0.03	0.49	C-445086	90.00	-27.5	3.82	0.99	0.91
C-486755	259.5	-26.6	0.08	0.04	0.02	C-445087	89.00	-27.4	6.41	0.99	0.41
C-486756	262.5	-26.6	0.13	0.03	0.33	C-445088	88.00	-27.1	4.91	1.19	0.68
C-486757	265.5	-25.7	0.13	0.02	0.29	C-445089	87.00	-27.4	2.92	0.94	1.12
C-486758	268.5	-24.7	0.10	0.03	0.01	C-445090	86.00	-28.0	4.31	1.47	1.67
C-486759	271.5	-25.8	0.08	0.03	0.00	C-445094	82.00	-27.7	2.62	0.59	0.35
C-486760	274.5	-26.6	0.06	0.04	0.01	C-445096	80.00	-27.6	2.22	0.61	0.32
C-486761	277.5	-26.6	0.12	0.03	0.10	C-445098	78.00	-27.5	1.80	0.64	0.71
C-486762	280.5	-27.0	0.12	0.03	0.03	C-445100	76.00	-27.4	1.24	2.19	
C-486763	283.5	n.a	0.11	0.03	0.37	C-445102	74.00	-26.7	1.70	0.70	1.11
C-486764	286.5	-26.0	0.12	0.04	0.02	C-445104	72.00	-26.8	1.71	0.72	1.01
C-486765	289.5	-26.8	0.06	0.02	0.02	C-445105	71.00	-26.6	1.54	0.82	1.01
C-486766	292.5	-26.0	0.10	0.04	0.12	C-445107	68.00	-26.3	1.77	1.30	0.57
C-486767	295.5	-26.8	0.13	0.03	0.01	C-445109	66.00	-25.8	1.62	1.03	1.45
C-486768	298.5	n.a	0.13	0.04	0.01	C-445111	64.00	-26.3	1.88	0.44	1.02
C-486769	301.5	-26.7	0.12	0.05	0.00	C-445113	62.00	-26.2	2.25	0.64	0.93
C-486770	304.5	n.a	0.13	0.02	0.00	C-445115	60.00	-25.6	1.97	1.08	1.45
C-486771	307.5	-23.9	0.06	0.02	0.00	C-445117	58.00	-26.9	4.17	0.77	1.42
C-486772	310.5	n.a	0.08	0.02	0.00	C-445119	56.00	-26.6	5.99	0.92	0.92
C-486773	313.5	-25.7	0.06	0.02	0.00	C-445121	54.00	-25.5	2.04	0.49	0.91
C-486774	316.5	-25.4	0.11	0.02	0.00	C-445123	52.00	-25.5	1.56	0.22	0.70
C-486775	319.5	-26.3	0.08	0.05	0.70	C-445125	50.00	-25.4	1.74	0.27	0.67
C-486776	322.5	-25.7	0.10	0.02	0.68	C-445127	48.00	-25.7	1.33	0.37	0.77
C-486777	325.5	-26.1	0.10	0.02	0.00	C-445129	46.00	-25.4	1.43	0.63	0.77
C-486778	332.5	-26.4	0.08	0.02	0.02	C-445131	44.00	-25.1	1.57	0.36	0.52

C-486779	335.5	-26.4	0.10	0.03	0.00	C-445133	42.00	-25.3	1.53	0.31	0.52
C-486780	340	-26.3	0.06	0.03	0.00	C-445135	40.00	-25.1	1.22	0.14	0.00
C-486781	343	-26.7	0.11	0.02	0.00	C-445137	38.00	-25.2	0.91	0.05	0.12
C-486782	346	-26.4	0.05	0.03	0.00	C-445139	36.00	-25.7	1.05	0.46	0.93
C-486783	349	-25.6	0.03	0.04	0.00	C-445141	34.00	-25.7	0.93	0.44	0.86
C-486784	352	-26.0	0.05	0.02	0.00	C-445143	32.00	-25.2	1.00	0.29	0.87
C-486785	355	-26.7	0.08	0.06	0.00	C-445145	30.00	-25.1	0.93	0.41	0.83
C-486786	358	-26.6	0.07	0.02	0.02	C-445147	28.00	-24.8	0.77	0.15	0.24
C-486787	361	-25.7	0.12	0.03	0.01	C-445151	24.00	-25.1	0.71	0.08	0.08
C-486788	364	-25.7	0.06	0.02	0.00	C-445155	20.00	-25.0	0.77	0.26	0.52
C-486789	367	-26.6	0.09	0.03	0.02	C-445157	18.00	-25.3	0.64	0.29	0.61
C-486790	370	n.a	0.09	0.02	0.00						
C-486791	373	-26.5	0.06	0.03	0.00						
C-486792	376	-26.4	0.10	0.02	0.00						
C-486793	379	-26.6	0.06	0.03	0.00						
C-486794	382	-26.2	0.10	0.02	0.00						
C-486795	385	-23.9	0.11	0.02	0.00						
C-486796	393.5	-25.4	0.09	0.04	0.02						
C-486797	396.5	-25.2	0.10	0.03	0.00						
C-486798	400	-23.9	0.08	0.05	0.01						
C-486799	403	n.a	0.10	0.05	0.00						
C-486800	406	-25.3	0.16	0.03	0.08						
C-486801	409	-25.6	0.09	0.03	0.00						
C-486802	412	-25.4	0.31	0.12	0.51						
C-486803	415	-26.3	0.10	0.03	0.00						
C-486804	418	-24.9	0.23	0.13	0.46						
C-486805	421	-25.0	0.24	0.07	0.63						
C-486806	424	-25.3	0.22	0.05	0.12						
C-486807	427	-25.1	0.09	0.04	0.00						
C-486808	438	-25.1	0.24	0.02	0.02						
C-486809	441	-25.1	0.19	0.06	0.42						
C-486810	444	-25.1	0.13	0.02	0.03						
C-486811	447	-25.4	0.09	0.02	0.00						
C-486812	450	n.a	0.14	0.03	0.00						
C-486813	453	-25.8	0.08	0.03	0.07						
C-486814	456	-26.2	0.11	0.02	0.06						
C-486815	459	-26.2	0.17	0.03	0.98						

C-486816	462	-27.1	0.15	0.02	0.02
C-486817	465	-26.5	0.08	0.02	0.01
C-486818	466.5	-27.6	0.18	0.05	0.59
C-486819	467.8	-28.0	0.16	0.15	0.91
C-486820	468	-28.0	0.16	0.02	0.07
C-486821	471	-26.9	0.12	0.02	0.08
C-486822	476	-32.9	0.14	0.91	0.05
C-486823	479	-27.9	0.24	0.50	0.02
C-486824	482	-32.8	0.15	1.13	0.04
C-486825	485	n.a	0.16	1.42	0.00
C-486826	488	n.a	0.15	1.13	0.03
C-486827	491	-33.0	0.25	1.55	0.05
C-486828	494	-30.2	0.06	0.65	0.02
C-486829	497	-31.2	0.09	0.87	0.01
C-486830	500	-31.2	0.29	0.66	0.43
C-486831	503	-32.9	0.20	0.49	0.03
C-486832	506	-32.3	0.35	1.84	0.09
C-486833	509	-32.8	0.36	1.19	0.04
C-486834	512	-32.3	0.59	1.61	0.22
C-486835	515	-31.9	0.47	1.32	0.88
C-486836	518	-32.4	0.29	1.42	0.10
C-486837	523	n.a	0.37	0.81	0.12
C-486838	526	-32.8	0.37	0.90	0.61
C-486839	529	-33.2	0.42	1.38	0.89
C-486840	532	-32.4	0.44	1.36	0.13
C-486841	535	-32.4	0.38	1.68	0.05
C-486842	538	-32.9	0.44	1.44	0.68
C-486843	541	-32.9	0.49	1.45	0.86
C-486844	544	-32.7	0.33	1.29	0.12
C-486845	552	-30.6	0.42	1.64	0.79
C-486846	555	-32.6	0.34	0.74	0.99
C-486847	558	-31.7	0.35	1.06	0.16
C-486848	561	n.a	0.20	0.62	0.08
C-486849	564	-31.1	0.75	2.25	0.73
C-486850	567	-26.9	2.01	0.17	1.28
C-486851	567	-26.6	1.11	0.29	2.00
C-486852	575	-28.9	1.77	1.06	1.34

C-486853	583	-29.6	1.99	0.56	0.78
C-486854	586	-30.0	1.09	0.08	0.87
C-486855	589	-30.4	1.02	0.12	0.86
C-486856	592	-30.7	1.53	0.28	1.05
C-486857	595	-32.2	0.63	0.06	0.60
C-486858	598	-30.7	0.82	0.30	0.78
C-486859	601	-30.7	0.68	0.08	0.22
C-486860	604	-30.7	1.00	0.38	0.28
C-486861	607	-27.5	0.65	0.07	0.24
C-486862	610	-31.0	0.90	0.25	0.26
C-486863	613	-31.0	0.72	0.20	0.98
C-486864	616	-31.2	0.46	0.13	0.04
C-486865	618.5	-31.3	0.40	0.12	0.31
C-486866	627	-30.9	0.75	0.57	0.29
C-486867	630	-31.4	0.72	0.29	0.14
C-486868	633	n.a	0.51	3.87	0.12
C-486869	645	-31.1	1.10	0.36	0.11
C-486870	648	n.a	0.25	0.45	0.08
C-486871	657	-29.6	0.63	1.52	0.09
C-486872	660	-31.3	0.84	0.49	0.22
C-486873	661.5	-31.0	1.26	4.02	1.80
C-486874	663	-28.5	1.19	3.26	0.50
C-486875	666	-30.9	1.11	0.56	0.16
C-486876	669	-31.3	0.96	0.87	0.81
C-486877	672	-31.5	0.85	1.23	0.45
C-486878	675	-31.3	0.85	1.50	0.27
C-486879	678	-31.1	0.57	1.57	0.18
C-486880	681	-31.1	0.60	1.25	0.08
C-486881	684.5	-31.5	0.45	1.15	0.04
C-486882	687	-31.4	1.05	2.16	0.05
C-486883	692	-31.0	0.83	1.21	0.05
C-486884	695	-30.9	0.61	1.12	0.02
C-486885	698	-31.3	0.97	1.66	0.81
C-486886	701	-31.4	1.05	0.39	0.14
C-486887	704	-31.3	1.16	0.91	0.09
C-486888	707	-31.4	1.26	2.47	0.14
C-486889	710	-31.2	0.80	0.33	0.27

C-486890	713	-31.3	0.91	3.11	0.07
C-486891	716	-31.4	0.98	0.30	0.63
C-486892	719	-31.4	0.99	1.09	0.14
C-486893	725	-31.2	0.46	2.99	0.08
C-486894	728	-31.3	0.91	0.36	0.26
C-486895	729.5	-31.4	0.83	2.79	1.84
C-486896	731	-31.8	1.05	2.14	0.70
C-486897	734	-31.4	0.95	4.95	1.00
C-486898	737	-31.6	0.54	0.27	0.94
C-486899	740	-32.6	0.56	0.71	0.17
C-486900	743	-32.7	0.84	3.48	0.87
C-486901	746	-32.5	0.47	0.10	0.98
C-486902	749	-32.3	0.78	2.45	0.29
C-486903	752	-32.6	0.73	0.25	0.66
C-486904	755	-32.3	0.76	0.27	0.24
C-486905	758	-32.6	0.80	0.45	0.36
C-486906	761	-32.5	1.03	4.47	0.95
C-486907	763	-32.5	0.70	0.34	0.45
C-486908	766	-32.5	0.75	2.98	1.03
C-486909	769	-32.6	0.99	7.70	0.49
C-486910	772	-32.6	0.68	3.43	0.30
C-486911	775	-32.2	0.99	7.77	0.92
C-486912	778	-32.4	0.55	1.92	0.54
C-486913	781	-31.2	0.74	2.12	0.12
C-486914	784	n.a	0.55	3.29	0.09
C-486915	784	n.a	0.58	0.65	0.06
C-486916	787	-31.4	0.84	0.37	0.09
C-486917	790	-31.0	0.66	0.45	0.37
C-486918	793	-31.0	0.74	0.21	1.10
C-486919	796	-31.4	1.01	1.13	0.16
C-486920	799	-31.2	0.40	0.83	0.08
C-486921	802	-31.0	0.67	1.12	0.11
C-486922	805	-30.9	0.85	1.21	0.61
C-486923	808	-31.4	0.68	1.22	0.12
C-486924	809.5	-30.7	0.56	4.23	2.17
C-486925	811	-31.3	0.41	0.40	0.14
C-486926	814	-31.5	0.54	0.75	0.65

C-486927	817	-31.3	0.66	1.67	0.07
C-486928	820	-31.4	0.55	1.06	0.06
C-486929	824	-30.3	0.62	0.54	0.06
C-486930	827	-30.3	0.56	0.15	0.05
C-486931	830	-30.2	0.61	0.30	0.04
C-486932	836	-30.2	0.79	1.08	0.10
C-486933	842	-30.2	0.60	0.10	0.13
C-486934	858	-29.8	0.44	0.29	0.10
C-486935	873	-28.3	0.41	0.06	0.25
C-486936	831.5	-29.8	0.71	0.15	0.11
C-486937	834.5	-30.0	1.36	3.75	1.09
C-486938	837.5	-29.9	1.01	0.46	0.02
C-486939	845.5	-30.4	0.60	1.95	0.14
C-486940	849	-29.9	0.73	1.06	1.16
C-486941	874.5	-28.0	0.25	0.29	0.09
C-486942	877.5	-29.0	1.36	0.14	0.39
C-486943	882	-29.1	1.19	0.17	0.11