

Sampe ID	River	Location	Sampling Date	Latitude	Longitude	ConAC/OC (%)	ConAC-F ¹⁴ C	ConAC-F ¹⁴ C SD	ConAC-F ¹⁴ C Age	ETHIS	OC (%)	OC-F ¹⁴ C	OC-F ¹⁴ C SD	OC-F ¹⁴ C age	Comment
Riverine particulate ConAC															
CAN18-32	Arctic Red River	Tsiigehtshik	2018	67.4263	-133.7789	3.95	-	-	-	-	1.91	0.351	0.004	8410	Bulk OC values are from Schwab et al. 2022
CAN09-49	Arctic Red River	Tsiigehtshik	2009	67.4430	-133.7490	21.41	0.057	0.035	23012	96475.1.1	-	0.229	-	11841	Bulk OC values are from Hilton et al. 2015
CAN17-31	Arctic Red River	Tsiigehtshik	2017	67.4308	-133.7820	18.37	-	-	-	-	1.55	0.302	0.004	9618	Bulk OC values are from Schwab et al. 2022
CAN10-17	Arctic Red River	Tsiigehtshik	2010	67.4430	-133.7490	25.58	0.025	-	29633	100878.1.1	2.17	0.299	-	9698	Bulk OC values are from Hilton et al. 2015
CAN17-24	Arctic Red River	Tsiigehtshik	2017	67.4287	-133.7780	14.61	-	-	-	-	0.72	0.142	0.003	15680	Bulk OC values are from Schwab et al. 2022
CAN18-64	Arctic Red River	Tsiigehtshik	2018	67.4269	-133.7793	3.95	-	-	-	-	2.44	0.519	0.006	5268	Bulk OC values are from Schwab et al. 2022
CAN11-03	Liard River	Fort Simpson	2011	61.8234	-121.2976	20.73	-	-	-	-	1.43	0.481	-	5879	Bulk OC values are from Hilton et al. 2015
CAN11-07	Liard River	Fort Simpson	2011	61.8234	-121.2976	7.91	0.079	0.036	20390	96478.1.1	1.47	0.452	-	6379	Bulk OC values are from Hilton et al. 2015
CAN11-05	Liard River	Fort Simpson	2011	61.8234	-121.2976	11.86	-	-	-	-	1.51	0.465	-	6151	Bulk OC values are from Hilton et al. 2015
CAN09-12	Liard River	Fort Simpson	2009	61.8446	-121.3163	7.51	0.079	0.026	20390	96473.1.1	0.66	0.364	0.002	8118	Bulk OC values are from Hilton et al. 2015
CAN09-55	Mackenzie River	Tsiigehtshik	2009	67.4538	-133.7074	11.86	0.090	0.024	19343	96477.1.1	1.5	0.217	0.001	12273	Bulk OC values are from Hilton et al. 2015
CAN11-68	Mackenzie River	Tsiigehtshik	2011	67.4680	-133.6850	14.96	0.026	-	29318	100879.1.1	1.54	0.451	-	6397	Bulk OC values are from Hilton et al. 2015
CAN17-24	Mackenzie River	Tsiigehtshik	2017	67.4503	-133.7208	10.19	0.217	0.018	12273	96479.1.1	0.61	0.457	0.004	6290	Bulk OC values are from Schwab et al. 2022
CAN09-54	Mackenzie River	Tsiigehtshik	2009	67.4538	-133.7074	15.90	-	-	-	-	1.06	0.371	0.001	7965	Bulk OC values are from Hilton et al. 2015
CAN18-03	Mackenzie River Delta	Middle Channel	2018	68.4171	-134.1150	5.93	-	-	-	-	1.7	0.528	0.005	5130	Bulk OC values are from Schwab et al. 2022
CAN11-89	Mackenzie River Delta	Middle Channel	2011	67.4538	-133.7074	15.00	0.090	0.024	19343	-	1.54	0.401	-	7341	Bulk OC values are from Hilton et al. 2015
CAN11-87	Mackenzie River Delta	Middle Channel	2011	68.4580	-134.1810	25.58	0.027	-	29015	100880.1.1	2.71	0.568	-	4544	Bulk OC values are from Hilton et al. 2015
CAN11-88	Mackenzie River Delta	Middle Channel	2011	68.4580	-134.1810	20.73	0.156	0.020	14925	96476.1.1	1	0.366	-	8074	Bulk OC values are from Hilton et al. 2015
CAN17-11	Mackenzie River Delta	Middle Channel	2017	68.4136	-134.1153	21.19	-	-	-	-	0.97	0.451	0.005	6397	Bulk OC values are from Schwab et al. 2022
CAN17-54	Mackenzie River Delta	Middle Channel	2017	68.4148	-134.1255	15.69	0.033	-	27403	100885.1.1	1.02	0.419	0.004	6988	Bulk OC values are from Schwab et al. 2022
GS2-3	Mackenzie River Delta	Middle Channel	1987	69.1700	-135.0270	14.32	0.174	-	14047	-	1.14	0.394	-	7482	Bulk OC values are from Vonk et al. 2015
GS3-2	Mackenzie River Delta	Reindeer Channel	1987	68.8900	-135.0300	11.43	0.014	0.028	34290	100886.1.1	1.54	0.466	-	6134	Bulk OC values are from Vonk et al. 2015
GS1-1	Mackenzie River Delta	East Channel	1987	69.0070	-134.6330	7.91	0.108	-	17878	-	0.49	0.341	-	8642	Bulk OC values are from Vonk et al. 2015
CAN09-42	Peel River	Fort McPherson	2009	67.3319	-134.8691	14.70	0.082	0.022	20091	96474.1.1	1.63	0.328	0.002	8955	Bulk OC values are from Hilton et al. 2015
CAN17-40	Peel River	Fort McPherson	2017	67.3283	-134.8676	27.63	0.032	-	27650	100884.1.1	0.74	0.151	0.003	15186	Bulk OC values are from Schwab et al. 2022
Riverine dissolved ConAC															
CAN18-38	Arctic Red River	Tsiigehtshik	2018	67.4265	-133.7790	17.22	0.867	-	1146	100890.1.1	5.86	0.970	0.030	245	Bulk OC values are from Schwab et al. 2022
CAN18-31	Mackenzie River	Tsiigehtshik	2018	67.4562	-133.7234	16.64	-	-	-	-	5.46	0.990	0.025	81	Bulk OC values are from Schwab et al. 2022
CAN18-02	Mackenzie River Delta	Middle Channel	2018	68.4178	-134.1116	3.89	-	-	-	-	9.44	0.610	0.014	3971	Bulk OC values are from Schwab et al. 2022
CAN18-14	Mackenzie River Delta	Middle Channel	2018	68.4171	-134.1150	27.77	-	-	-	-	6.60	0.930	0.022	583	Bulk OC values are from Schwab et al. 2022
Shelf particulate ConAC															
GS3-2	Shelf	Mackenzie Shelf	1987	69.3870	-138.1330	20.27	0.144	-	15567	-	1.35	0.341	-	8642	Bulk OC values are from Vonk et al. 2015

References

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