Table 5. Summary statistics for mudstone samples (detectable in 3 or more samples) from the Smoking Hills area, NWT. Trace amounts were converted to 0.1 wt.% for calculation purposes.

Parameter	Qtz	Crs	Pl	Kfs	Hul-Ca	Ms	Chl	Kln	Sm	Alg	Gp	Jrs	Tmg	GoF	%XL
Overall															
Min	3	0.1	0.1	0.1	0.1	4	0.1	0.1	0.1	4	0.1	0.1	2	1.64	10%
Max	44	2	34	6	46	43	11	14	60	15	28	75	50	4.04	70%
Mean	23.3	1.2	7.1	3.7	23.0	14.8	5.9	5.9	9.5	9.8	4.7	21.6	20.7	2.6	44%
Std. Dev.	10.43	0.70	8.06	2.20	18.30	9.28	4.10	5.08	12.47	3.51	5.06	22.95	25.72	0.57	15%
n	36	13	30	14	17	33	19	19	20	21	32	34	3	36	36
Smoking Hills Fm															
Min	3	0.1	0.1	0.1	0.1	6	0.1	0.1	0.1	4	0.1	2	2	1.64	10%
Max	43	2	34	6	46	33	9	4	60	11	28	57	50	4.04	65%
Mean	22.5	1.0	4.5	2.1	23.0	14.5	2.2	1.7	11.5	7.4	5.4	21.9	20.7	2.5	45%
Std. Dev.	11.45	0.78	8.72	3.41	18.30	7.06	3.35	1.55	16.84	2.57	5.87	16.77	25.72	0.65	18%
n	21	4	16	3	17	18	7	8	11	12	21	20	3	21	21
Mason River Fm															
Min	20	0.1	4	0.1		11	6	1	5	10	0.1	0.1		2.32	38%
Max	44	2	13	5		43	11	14	11	15	4	6		3.59	70%
Mean	28.5	1.3	10.6	4.0		18.5	8.7	9.0	7.1	12.9	1.7	2.8		2.9	45%
Std. Dev.	6.42	0.68	3.38	1.67		11.99	1.35	4.45	1.69	1.54	1.23	2.03		0.33	10%
n	11	9	11	10		11	11	11	9	9	7	10		11	11
Misc Samples															
Min	8		0.1			4						5	59		2.02	37%
Max	17		24			9						9	75		2.41	40%
Mean	13.0		8.1			6.0						6.3	67.3		2.2	38%
Std. Dev.	3.74		13.80			2.16						1.89	6.65		0.17	1%
n	4		3			4						4	4		4	4

Qtz: quartz, Crs: cristobalite, Pl: plagioclase, Kfs: K-feldspar, Hul-Ca: heulandite-Ca, Ms: muscovite, Chl: chlorite, Kln: kaolinite, Sm: smectite, Alg: alunogen, Gp: gypsum, Jrs: jarosite (combined), Tmg: tamarugite, GoF: goodness of fit, %XL: percent crystallinity