

# Data Repository item 2004123

TABLE DR1. ELEMENTAL COMPOSITION OF ALTERED AZTEC SANDSTONE

Sample #	Sample description	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O	FeO
04/04/01-3	red sndst in upper red unit	94.43	2.46	0.043	0.21	0.002	0.04	0.13	1.43	0.21	0.09
04/04/01-5	white sndst below upper red unit	94.57	2.60	0.052	0.19	0.002	0.05	0.11	1.46	0.16	0.09
04/04/01-7	purple sndst in purple and yellow unit	94.73	2.48	0.039	0.04	0.002	0.04	0.12	1.35	0.22	0.26
04/05/01-4	yellow sndst	95.55	1.90	0.035	0.00	0.002	0.07	0.11	0.62	0.22	0.26
11/18/01-1C†	hematite-stained sndst next to joint	90.18	3.18	0.061	2.70	0.002	1.11	0.17	2.22	0.09	0.51
11/18/01-5	yellow sndst	93.05	2.26	0.039	0.72	0.000	0.05	0.08	1.34	0.26	0.26
11/20/01-1	orange sndst in banded orange and white unit	95.45	1.68	0.030	0.01	0.002	0.04	0.09	0.58	0.22	0.44
99/72	purple sndst	94.63	3.02	0.063	0.07	0.003	0.16	0.29	0.10	0.11	0.18
99/20	red sndst in lower red unit	93.65	3.12	0.105	0.24	0.005	0.08	0.17	1.46	0.19	0.17
99/65	red sndst in lower red unit	97.23	1.11	0.019	0.37	0.000	0.03	0.05	0.35	0.15	0.09
99/76	white sndst below upper red unit	96.31	1.78	0.040	0.00	0.002	0.04	0.09	0.92	0.11	0.18
99/76†		97.26	1.51	0.025	0.00	0.000	0.05	0.05	0.89	0.03	0.18
repeat†		97.24	1.50	0.025	0.00	0.000	0.05	0.08	0.88	0.03	

Note: All values in weight %. All samples by ICP-AES except † by X-ray fluorescence. FeO for all samples by titration.