

Table S1. Details for GJO Sediment Samples with Completed Thin Sections.

Boring Number	Sample Number	Sample Depth ft	Sample Depth m	Elevation amsl ft	Elevation amsl m	5% Nitric Acid Extraction Uranium mg/kg	Total Digestion Uranium mg/kg	SEM-EDS Completed
GJAST-14	GJAST-14-7	-7	-2.13	4561.48	1390.34	7.43	10.28	yes
GJAST-14	GJAST-14-8	-8	-2.44	4560.48	1390.03	8.30	9.92	yes
GJAST-14	GJAST-14-9	-9	-2.74	4559.48	1389.73	7.41	9.73	yes
GJAST-14	GJAST-14-19	-19.5	-5.94	4548.98	1386.53	0.49	2.60	yes
GJAST-15	GJAST-15-13	-13	-3.96	4555.92	1388.64	6.93	7.18	yes
GJAST-19	GJAST-19-6	-6	-1.83	4562.28	1390.58	6.24	9.45	no
GJAST-19	GJAST-19-8	-8	-2.44	4560.28	1389.97	5.69	7.80	no
GJAST-19	GJAST-19-9	-9	-2.74	4559.28	1389.67	4.94	7.63	yes
GJAST-19	GJAST-19-15	-15.5	-4.72	4552.78	1387.69	0.63	2.79	no
GJAST-20	GJAST-20-9	-9	-2.74	4559.16	1389.63	5.86	8.85	yes
GJAST-20	GJAST-20-10	-10	-3.05	4558.16	1389.33	9.99	13.16	yes
GJAST-20	GJAST-20-11	-11.5	-3.51	4556.66	1388.87	7.88	11.17	no
GJAST-20	GJAST-20-15	-15.5	-4.72	4552.66	1387.65	5.93	9.63	yes

Note: Datum is NVGD 29 for elevation.