

附表 1 柴达木盆地小赛什腾山地区怀头拉组碎屑岩 U-Pb 年龄

Appendix 1 Detrital zircon U-Pb dating data for the Huaitoutala Formation in Xiaoshaisheng Mountain area, Qaidam basin

测点	元素含量 (μg/g)		Th/U	同位素比值										U-Pb 年龄 (Ma)				谐和度 (%)	
	Th	U		$^{207}\text{Pb}/^{206}\text{Pb}$	1σ	$^{207}\text{Pb}/^{235}\text{U}$	1σ	$^{206}\text{Pb}/^{238}\text{U}$	1σ	$^{208}\text{Pb}/^{232}\text{Th}$	1σ	$^{207}\text{Pb}/^{206}\text{Pb}$	1σ	$^{207}\text{Pb}/^{235}\text{U}$	1σ	$^{206}\text{Pb}/^{238}\text{U}$	1σ		$^{208}\text{Pb}/^{232}\text{Th}$
1	80	503	0.16	0.0555	0.0011	0.5442	0.0106	0.0710	0.0007	0.0287	0.0005	432	42.6	441	7.0	442	4.3	533	9.9
2	181	227	0.80	0.0549	0.0016	0.5056	0.0142	0.0670	0.0008	0.0205	0.0004	409	64.8	415	9.6	418	4.7	410	7.2
3	60	303	0.20	0.0553	0.0013	0.4928	0.0116	0.0646	0.0007	0.0206	0.0005	433	51.8	407	7.9	403	4.1	412	9.6
4	163	316	0.52	0.0556	0.0013	0.5059	0.0116	0.0660	0.0007	0.0199	0.0004	435	49.1	416	7.8	412	4.0	399	7.0
5	208	442	0.47	0.0553	0.0011	0.5461	0.0113	0.0714	0.0007	0.0223	0.0004	433	50.9	442	7.4	445	4.3	445	7.5
6	304	381	0.80	0.0545	0.0012	0.4995	0.0110	0.0662	0.0006	0.0199	0.0003	394	50.0	411	7.5	413	3.7	399	6.1
7	223	564	0.40	0.0557	0.0012	0.5410	0.0121	0.0701	0.0007	0.0212	0.0003	439	48.1	439	8.0	437	4.4	423	6.7
8	170	552	0.31	0.0555	0.0012	0.5243	0.0118	0.0683	0.0008	0.0214	0.0004	432	45.4	428	7.9	426	4.8	427	8.2
9	83	227	0.37	0.0547	0.0014	0.5194	0.0141	0.0685	0.0007	0.0209	0.0004	398	59.3	425	9.4	427	4.1	418	8.7
10	79	199	0.40	0.0548	0.0016	0.5075	0.0156	0.0668	0.0007	0.0215	0.0005	467	66.7	417	10.5	417	4.0	429	9.4
11	142	492	0.29	0.0555	0.0011	0.5224	0.0103	0.0682	0.0007	0.0213	0.0004	435	44.4	427	6.9	425	4.3	426	7.1
12	60	76	0.79	0.0564	0.0024	0.5400	0.0233	0.0701	0.0009	0.0220	0.0005	478	96.3	438	15.4	437	5.5	439	9.5
13	103	138	0.75	0.0557	0.0018	0.5315	0.0175	0.0690	0.0007	0.0219	0.0004	443	76.8	433	11.6	430	4.2	437	8.4
14	130	178	0.73	0.0546	0.0016	0.4953	0.0140	0.0658	0.0007	0.0197	0.0003	398	64.8	408	9.5	411	4.1	395	6.7
15	124	655	0.19	0.0545	0.0011	0.4954	0.0098	0.0657	0.0007	0.0207	0.0004	391	44.4	409	6.6	410	4.4	415	8.1
16	121	666	0.18	0.0550	0.0010	0.5258	0.0100	0.0690	0.0007	0.0207	0.0003	413	42.6	429	6.7	430	4.0	413	6.6
17	67	418	0.16	0.0550	0.0012	0.5309	0.0127	0.0696	0.0008	0.0207	0.0004	413	50.0	432	8.4	434	4.9	415	8.1
18	84	644	0.13	0.0553	0.0011	0.5080	0.0106	0.0662	0.0005	0.0206	0.0004	433	50.9	417	7.2	413	3.3	412	8.7
19	163	460	0.35	0.0540	0.0013	0.4829	0.0114	0.0645	0.0006	0.0203	0.0003	372	58.3	400	7.8	403	3.5	406	6.8
20	69	156	0.44	0.0557	0.0020	0.5355	0.0189	0.0701	0.0008	0.0207	0.0005	439	75.0	435	12.5	437	4.8	413	9.4
21	113	553	0.21	0.0554	0.0011	0.5362	0.0113	0.0702	0.0007	0.0219	0.0004	428	44.4	436	7.4	437	4.0	437	8.6
22	164	381	0.43	0.0557	0.0014	0.5322	0.0137	0.0694	0.0009	0.0214	0.0004	439	52.8	433	9.1	432	5.2	428	8.0
23	58	102	0.57	0.0556	0.0022	0.5346	0.0221	0.0693	0.0008	0.0229	0.0006	439	88.9	435	14.6	432	4.7	457	11.6
24	145	163	0.89	0.0550	0.0016	0.5078	0.0146	0.0669	0.0008	0.0208	0.0004	413	66.7	417	9.8	418	4.6	416	7.6
25	80	250	0.32	0.0542	0.0015	0.5100	0.0139	0.0681	0.0007	0.0233	0.0005	389	61.1	418	9.4	425	4.3	465	10.1
26	77	155	0.50	0.1096	0.0017	5.0765	0.0776	0.3350	0.0030	0.0981	0.0014	1792	27.9	1832	13.0	1863	14.4	1892	25.3
27	148	1536	0.10	0.0546	0.0010	0.5158	0.0089	0.0684	0.0007	0.0226	0.0004	398	34.3	422	6.0	427	4.2	451	8.8
28	76	275	0.27	0.1201	0.0017	5.7389	0.0896	0.3446	0.0034	0.1022	0.0016	1958	25.5	1937	13.5	1909	16.1	1966	29.2
29	71	131	0.54	0.0550	0.0021	0.5337	0.0210	0.0705	0.0010	0.0199	0.0004	413	87.0	434	13.9	439	5.7	398	8.7
30	71	214	0.33	0.0546	0.0016	0.5469	0.0158	0.0725	0.0009	0.0214	0.0005	398	63.0	443	10.4	451	5.5	428	10.4
31	112	147	0.76	0.0564	0.0019	0.5229	0.0178	0.0672	0.0008	0.0213	0.0004	478	74.1	427	11.9	419	4.8	426	8.4
32	111	184	0.60	0.0553	0.0016	0.5672	0.0171	0.0745	0.0009	0.0231	0.0005	433	60.2	456	11.1	463	5.5	462	10.3
33	69	102	0.68	0.0560	0.0022	0.5253	0.0215	0.0677	0.0008	0.0218	0.0005	450	119.4	429	14.3	423	4.9	436	9.8
34	75	85	0.88	0.0572	0.0026	0.5558	0.0246	0.0712	0.0011	0.0227	0.0005	498	100.8	449	16.1	444	6.3	454	10.1

续附表 1

测点	元素含量 (μg/g)		Th/U	同位素比值						U-Pb 年龄 (Ma)						谐和度 (%)				
	Th	U		²⁰⁷ Pb/ ²⁰⁶ Pb	1σ	²⁰⁷ Pb/ ²³⁵ U	1σ	²⁰⁶ Pb/ ²³⁸ U	1σ	²⁰⁸ Pb/ ²³² Th	1σ	²⁰⁷ Pb/ ²⁰⁶ Pb	1σ	²⁰⁷ Pb/ ²³⁵ U	1σ		²⁰⁸ Pb/ ²³² Th	1σ		
35	501	676	0.74	0.0544	0.0010	0.5216	0.0101	0.0694	0.0007	0.0201	0.0003	387	44.4	426	6.7	432	4.0	403	5.8	98
36	327	337	0.97	0.0553	0.0012	0.5815	0.0127	0.0759	0.0008	0.0244	0.0003	433	41.7	465	8.2	472	4.5	487	6.5	98
37	97	254	0.38	0.0563	0.0013	0.5454	0.0131	0.0700	0.0007	0.0227	0.0005	465	51.8	442	8.6	436	4.0	454	8.9	98
38	166	735	0.23	0.0564	0.0010	0.5330	0.0092	0.0684	0.0006	0.0217	0.0003	478	40.7	434	6.1	426	3.6	433	6.8	98
39	234	394	0.59	0.0557	0.0012	0.5058	0.0114	0.0655	0.0006	0.0200	0.0003	439	48.1	416	7.7	409	3.3	400	5.9	98
40	321	705	0.45	0.0559	0.0012	0.5136	0.0113	0.0664	0.0006	0.0209	0.0003	456	50.0	421	7.6	414	3.8	419	6.1	98
41	40	659	0.06	0.0562	0.0012	0.5228	0.0109	0.0671	0.0006	0.0211	0.0006	461	46.3	427	7.2	419	3.5	421	11.9	98
42	118	233	0.51	0.1078	0.0015	4.7954	0.0639	0.3229	0.0025	0.0890	0.0012	1763	25.6	1784	11.2	1804	12.4	1723	21.4	98
43	105	256	0.41	0.0556	0.0014	0.5016	0.0127	0.0652	0.0005	0.0213	0.0004	435	55.6	413	8.6	407	3.2	426	7.6	98
44	217	258	0.84	0.0539	0.0015	0.5076	0.0146	0.0682	0.0007	0.0215	0.0004	365	63.0	417	9.8	425	4.4	430	6.9	98
45	142	169	0.84	0.0558	0.0018	0.4956	0.0156	0.0643	0.0007	0.0206	0.0004	456	72.2	409	10.6	402	4.2	412	7.2	98
46	197	273	0.72	0.0559	0.0014	0.5132	0.0124	0.0663	0.0006	0.0156	0.0003	450	55.6	421	8.3	414	3.5	312	6.3	98
47	57	96	0.59	0.0548	0.0021	0.5103	0.0189	0.0680	0.0008	0.0218	0.0005	467	82.4	419	12.7	424	4.8	437	9.7	98
48	103	110	0.94	0.0563	0.0020	0.5114	0.0175	0.0659	0.0007	0.0203	0.0004	465	77.8	419	11.7	411	4.3	406	7.7	98
49	57	118	0.49	0.1139	0.0018	5.1204	0.1086	0.3230	0.0040	0.1026	0.0022	1863	27.9	1839	18.0	1805	19.4	1973	40.2	98
50	48	425	0.11	0.0985	0.0023	3.5441	0.1445	0.2607	0.0084	0.0934	0.0037	1596	42.6	1537	32.3	1493	42.9	1804	68.0	97
51	89	406	0.22	0.0564	0.0013	0.5143	0.0119	0.0659	0.0007	0.0206	0.0004	478	51.8	421	8.0	412	4.1	412	7.7	97
52	258	383	0.67	0.0568	0.0012	0.5307	0.0113	0.0674	0.0006	0.0210	0.0003	483	44.4	432	7.5	420	3.7	420	6.2	97
53	147	195	0.75	0.0567	0.0017	0.5200	0.0142	0.0667	0.0007	0.0208	0.0003	480	64.8	425	9.5	416	4.0	416	6.6	97
54	104	717	0.15	0.0568	0.0010	0.5478	0.0103	0.0697	0.0006	0.0224	0.0004	487	34.3	444	6.8	434	3.8	448	8.5	97
55	194	486	0.40	0.0545	0.0014	0.5452	0.0133	0.0726	0.0008	0.0217	0.0004	391	55.6	442	8.8	452	5.0	434	8.6	97
56	24	63	0.38	0.0545	0.0031	0.5569	0.0315	0.0742	0.0010	0.0237	0.0010	391	130.5	450	20.5	461	6.2	474	19.0	97
57	123	238	0.52	0.0533	0.0013	0.5047	0.0131	0.0683	0.0008	0.0210	0.0004	343	55.6	415	8.8	426	4.9	421	7.8	97
58	173	244	0.71	0.0905	0.0016	2.9552	0.0749	0.2354	0.0046	0.0799	0.0012	1437	35.0	1396	19.2	1363	24.0	1553	23.1	97
59	86	110	0.78	0.0559	0.0021	0.4995	0.0193	0.0644	0.0008	0.0191	0.0004	456	81.5	411	13.1	402	4.9	382	8.3	97
60	51	71	0.71	0.0542	0.0025	0.5051	0.0215	0.0684	0.0011	0.0212	0.0005	389	103.7	415	14.5	426	6.4	423	9.5	97
61	271	309	0.88	0.0536	0.0012	0.5061	0.0110	0.0681	0.0005	0.0206	0.0003	354	51.8	416	7.4	424	3.3	412	5.7	97
62	76	98	0.78	0.0530	0.0022	0.4836	0.0196	0.0661	0.0007	0.0200	0.0004	328	94.4	401	13.4	412	4.2	400	8.7	97
63	66	540	0.12	0.0530	0.0010	0.4906	0.0094	0.0667	0.0005	0.0213	0.0006	332	42.6	405	6.4	416	3.0	426	11.6	97
64	67	141	0.47	0.0580	0.0019	0.6042	0.0208	0.0757	0.0011	0.0212	0.0005	532	71.1	480	13.2	470	6.6	424	9.6	97
65	198	308	0.64	0.0580	0.0014	0.5555	0.0132	0.0695	0.0007	0.0216	0.0003	532	56.5	449	8.6	433	4.4	432	6.9	96
66	109	324	0.34	0.0574	0.0014	0.5180	0.0117	0.0654	0.0006	0.0208	0.0004	506	56.5	424	7.9	409	3.9	417	7.5	96
67	121	765	0.16	0.0572	0.0012	0.5266	0.0101	0.0664	0.0005	0.0201	0.0004	498	44.4	430	6.7	415	3.2	403	7.4	96
68	158	202	0.78	0.0538	0.0015	0.5215	0.0145	0.0706	0.0009	0.0205	0.0004	365	67.6	426	9.7	440	5.4	409	7.2	96
69	120	498	0.24	0.0573	0.0012	0.5283	0.0113	0.0667	0.0005	0.0209	0.0004	506	46.3	431	7.5	416	3.1	419	7.7	96

续附表 1

测点	元素含量 ($\mu\text{g/g}$)		Th/U	同位素比值										U-Pb 年龄 (Ma)				谐和度 (%)		
	Th	U		$\frac{^{207}\text{Pb}}{^{206}\text{Pb}}$	1σ	$\frac{^{207}\text{Pb}}{^{235}\text{U}}$	1σ	$\frac{^{206}\text{Pb}}{^{238}\text{U}}$	1σ	$\frac{^{208}\text{Pb}}{^{232}\text{Th}}$	1σ	$\frac{^{207}\text{Pb}}{^{206}\text{Pb}}$	1σ	$\frac{^{207}\text{Pb}}{^{235}\text{U}}$	1σ	$\frac{^{206}\text{Pb}}{^{238}\text{U}}$	1σ		$\frac{^{208}\text{Pb}}{^{232}\text{Th}}$	1σ
70	41	88	0.47	0.0571	0.0025	0.5189	0.0221	0.0659	0.0007	0.0201	0.0005	494	96.3	424	14.8	412	4.5	402	10.3	96
71	113	150	0.75	0.0521	0.0017	0.4745	0.0151	0.0662	0.0008	0.0201	0.0004	300	72.2	394	10.4	413	5.0	403	8.5	95
72	360	288	1.25	0.0810	0.0015	2.0881	0.0564	0.1849	0.0034	0.0619	0.0008	1220	37.0	1145	18.5	1094	18.4	1213	14.7	95
73	173	451	0.38	0.0534	0.0014	0.5482	0.0141	0.0750	0.0013	0.0225	0.0004	343	89.8	444	9.3	466	7.9	450	8.5	95
74	166	353	0.47	0.0866	0.0014	2.5232	0.0680	0.2099	0.0044	0.0735	0.0011	1351	32.6	1279	19.6	1228	23.7	1434	21.5	95
75	64	104	0.61	0.0537	0.0021	0.5467	0.0204	0.0743	0.0009	0.0223	0.0005	367	54.6	443	13.4	462	5.5	446	8.9	95
76	107	167	0.64	0.0580	0.0018	0.5400	0.0174	0.0672	0.0008	0.0204	0.0004	528	70.4	438	11.4	419	4.7	408	7.8	95
77	105	196	0.54	0.0594	0.0018	0.5864	0.0196	0.0713	0.0010	0.0217	0.0005	583	66.7	469	12.6	444	5.9	435	9.1	94
78	49	113	0.43	0.0588	0.0023	0.5225	0.0190	0.0649	0.0007	0.0216	0.0005	561	83.3	427	12.7	405	4.4	431	9.7	94
79	105	148	0.71	0.0612	0.0022	0.6152	0.0209	0.0731	0.0008	0.0236	0.0005	656	75.9	487	13.2	455	4.9	472	9.3	93
80	68	251	0.27	0.0742	0.0017	1.5694	0.0612	0.1500	0.0044	0.0573	0.0012	1056	48.1	958	24.2	901	24.4	1127	23.5	93
81	36	113	0.32	0.0594	0.0022	0.5457	0.0205	0.0666	0.0007	0.0213	0.0006	583	81.5	442	13.5	416	4.2	426	11.3	93
82	90	339	0.26	0.0589	0.0012	0.5310	0.0106	0.0652	0.0006	0.0214	0.0005	561	44.4	432	7.0	407	3.6	429	9.4	93
83	385	325	1.19	0.0603	0.0015	0.5546	0.0141	0.0664	0.0007	0.0215	0.0003	613	86.1	448	9.2	415	4.0	429	6.8	92
84	87	127	0.69	0.0569	0.0026	0.3476	0.0157	0.0444	0.0006	0.0141	0.0004	487	101.8	303	11.8	280	3.8	284	7.2	88
85	62	749	0.08	0.0609	0.0012	0.6041	0.0144	0.0715	0.0009	0.0359	0.0012	635	44.4	480	9.1	445	5.6	714	23.1	92
86	44	645	0.07	0.0506	0.0010	0.4922	0.0105	0.0704	0.0008	0.0205	0.0006	233	78.7	406	7.1	439	4.7	410	11.2	92
87	194	400	0.49	0.0516	0.0011	0.5243	0.0115	0.0738	0.0008	0.0214	0.0004	265	52.8	428	7.7	459	5.1	428	7.0	92
88	97	203	0.48	0.0512	0.0015	0.5021	0.0147	0.0715	0.0008	0.0215	0.0004	250	65.7	413	9.9	445	4.8	430	8.3	92
89	72	592	0.12	0.0623	0.0012	0.6769	0.0199	0.0774	0.0013	0.0541	0.0019	687	42.6	525	12.1	481	7.9	1066	36.7	91
90	212	160	1.33	0.0504	0.0020	0.5069	0.0205	0.0729	0.0008	0.0204	0.0004	213	92.6	416	13.8	454	4.7	408	7.5	91
91	204	520	0.39	0.0619	0.0017	0.6191	0.0197	0.0718	0.0009	0.0271	0.0012	672	59.3	489	12.4	447	5.1	540	23.7	90
92	201	262	0.77	0.0615	0.0016	0.5910	0.0178	0.0688	0.0008	0.0234	0.0005	657	55.6	472	11.4	429	4.6	468	10.1	90

续附表 2

样号	Li	Be	Sc	V	Cr	Co	Ni	Cu	Zn	Ga	Rb	Sr	Y	Mo	Cd	In	Sb	Cs	Ba	W	Tl	Pb	Bi	Th	U	Nb	Ta	Zr	Hf
XSST-A-175	32.9	1.92	13.0	89.9	110	12.5	26.3	47.7	155	17.5	132	181	27.6	1.52	0.06	0.07	1.01	7.93	409	3.70	0.74	14.7	0.454	16.1	5.59	17.9	1.49	220	6.99
XSST-A-178	24.3	1.68	12.8	80.8	130	11.2	29.8	45.7	144	16.1	137	106	30.9	2.15	0.09	0.07	1.09	8.54	388	4.06	0.81	14.7	0.479	16.0	3.79	17.3	1.39	206	6.27
XSST-A-181	31.0	2.25	10.5	74.2	157	8.21	20.7	30.5	156	15.4	111	63.5	23.1	2.66	0.07	0.05	1.43	6.99	425	2.55	0.65	8.84	0.343	15.3	2.54	14.7	1.25	177	5.34
XSST-B-3	34.5	1.76	11.6	85.6	98.0	6.58	16.3	13.7	78.9	21.2	181	161	23.5	1.24	0.09	0.07	0.29	31.1	425	2.34	1.16	13.3	0.691	17.5	3.04	18.4	1.44	185	5.77
XSST-B-6	13.7	0.951	4.68	38.9	67.8	4.04	18.1	24.4	117	6.24	59.1	298	18.5	1.65	0.19	0.03	0.21	5.06	182	1.17	0.33	12.0	0.128	4.14	1.49	6.01	0.445	58.1	1.70
XSST-B-10	38.2	1.55	7.56	60.7	116	5.29	18	26.8	130	11	104	176	14.2	2.17	0.06	0.04	0.13	7.69	300	1.57	0.54	6.69	0.219	8.76	2.23	10.6	0.826	105	3.43
XSST-B-12	32.5	1.33	5.99	54.4	100	4.35	17.8	26.1	120	9.32	91.7	357	14.4	2.16	0.12	0.03	0.17	7.54	300	1.23	0.54	9.93	0.148	7.06	2.17	8.52	0.674	92.4	3.08
XSST-B-28	39.4	2.85	16.5	120	148	12.9	29.8	25	105	22.5	174	418	27.5	2.45	0.09	0.08	1.12	16.7	676	2.37	1.20	12.1	0.687	16.2	3.58	20.6	1.63	180	5.61

附表3 柴达木盆地小赛什腾山地区怀头他拉组沉积岩稀土元素分析数据($\mu\text{g/g}$)
Appendix 3 Rare earth element compositions ($\mu\text{g/g}$) of sedimentary rocks from Huaitoutala
Formation in Xiaosaishiteng Mountain area, Qaidam basin

样号	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	REE	δEu	δCe
XSST-A-4	36.2	68.6	8.60	30.4	5.54	1.02	5.11	0.85	5.01	0.868	2.88	0.467	3.24	0.432	169.22	0.59	0.91
XSST-A-7	35.7	64.0	7.90	30.0	5.34	1.08	4.84	0.836	4.70	0.887	2.78	0.430	3.13	0.455	162.08	0.65	0.89
XSST-A-14	35.8	73.0	8.28	32.3	5.68	1.29	4.99	0.891	4.84	0.925	2.83	0.453	2.83	0.431	174.54	0.74	0.99
XSST-A-24	43.7	83.6	10.4	40.0	7.60	1.35	6.28	1.07	5.62	1.05	3.30	0.476	3.43	0.503	208.38	0.60	0.92
XSST-A-30	35.0	67.7	8.47	32.1	5.97	1.08	5.33	1.00	5.23	0.985	3.03	0.493	3.45	0.503	170.34	0.59	0.92
XSST-A-36	33.4	62.3	7.38	26.7	4.95	0.846	4.10	0.651	3.53	0.579	1.90	0.291	2.07	0.290	148.99	0.57	0.93
XSST-A-38	35.4	71.6	8.59	32.6	5.74	1.08	5.75	0.858	4.86	0.849	2.83	0.441	3.03	0.417	174.05	0.57	0.96
XSST-A-42	27.3	48.0	5.92	22.2	4.41	0.862	3.86	0.686	3.36	0.669	1.89	0.296	1.98	0.298	121.73	0.64	0.88
XSST-A-45	27.1	52.8	6.75	23.3	4.68	1.02	4.08	0.729	4.12	0.705	2.41	0.381	2.49	0.383	130.95	0.71	0.91
XSST-A-51	30.3	58.5	7.15	27.8	5.87	1.05	4.86	0.870	4.54	0.769	2.43	0.347	2.46	0.354	147.30	0.60	0.93
XSST-A-56	29.4	52.3	6.59	25.7	4.99	1.07	4.63	0.795	4.14	0.717	2.21	0.333	2.47	0.331	135.68	0.68	0.88
XSST-A-60	31.4	56.0	7.14	23.4	4.79	1.01	4.22	0.721	3.88	0.676	2.14	0.338	2.26	0.335	138.31	0.69	0.88
XSST-A-69	29.8	55.9	7.03	24.8	5.41	1.01	4.32	0.730	3.94	0.687	2.25	0.340	2.50	0.351	139.07	0.64	0.90
XSST-A-78	31.6	61.0	8.02	29.3	6.94	0.974	5.73	0.962	5.13	0.829	2.68	0.385	2.64	0.384	156.57	0.47	0.90
XSST-A-83	25.2	43.9	5.66	21.3	4.54	0.821	4.11	0.702	4.42	0.809	2.56	0.399	2.79	0.389	117.60	0.58	0.86
XSST-A-88	29.0	50.7	6.85	25.1	4.98	0.852	4.43	0.807	4.37	0.848	2.91	0.432	3.10	0.452	134.83	0.55	0.84
XSST-A-91	35.0	65.6	8.17	30.7	6.02	1.03	5.32	0.957	4.93	0.855	2.70	0.426	2.94	0.427	165.08	0.56	0.91
XSST-A-96	42.6	77.7	9.46	35.4	6.14	1.02	5.47	0.843	4.55	0.906	2.43	0.365	2.78	0.399	190.06	0.54	0.91
XSST-A-102	29.6	58.5	7.12	27.9	6.38	0.974	5.20	1.02	5.60	0.905	2.75	0.450	3.00	0.445	149.84	0.52	0.94
XSST-A-105	31.6	58.2	7.32	28.5	5.91	1.04	4.81	0.889	4.87	0.860	2.66	0.395	3.09	0.416	150.56	0.60	0.90
XSST-A-111	34.7	68.8	8.14	31.5	6.26	1.13	5.31	0.894	4.80	0.886	2.79	0.426	3.07	0.427	169.13	0.60	0.96
XSST-A-115	37.1	72.8	8.94	32.2	5.95	1.17	5.23	0.855	4.91	0.818	2.77	0.447	2.87	0.404	176.46	0.64	0.94
XSST-A-119	33.0	63.5	7.61	27.8	5.39	1.05	4.45	0.745	4.06	0.704	2.28	0.348	2.48	0.355	153.77	0.66	0.94
XSST-A-123	32.4	59.8	7.73	29.1	5.52	1.07	4.96	0.904	4.97	0.915	2.71	0.450	3.28	0.389	154.20	0.62	0.89
XSST-A-128	26.5	50.0	6.18	23.8	4.01	0.839	3.97	0.666	3.38	0.619	1.96	0.308	2.02	0.305	124.56	0.64	0.92
XSST-A-134	37.5	69.0	8.25	28.3	5.42	0.964	4.73	0.770	4.68	0.779	2.62	0.441	3.00	0.415	166.87	0.58	0.92
XSST-A-137	36.2	64.7	8.11	30.1	5.21	0.96	4.87	0.755	4.29	0.709	2.32	0.367	2.38	0.338	161.31	0.58	0.88
XSST-A-140	33.5	68.6	8.46	30.3	6.26	1.17	5.35	0.906	5.03	0.859	2.77	0.380	3.02	0.405	167.01	0.62	0.95
XSST-A-143	39.2	74.8	9.03	33.8	5.95	1.22	5.55	0.933	5.27	0.915	2.95	0.423	3.16	0.440	183.64	0.65	0.93
XSST-A-147	43.7	80.8	10.1	38.2	6.39	1.35	6.22	1.12	5.48	0.957	3.06	0.480	3.69	0.488	202.04	0.65	0.90
XSST-A-151	37.2	74.1	8.83	33.3	6.01	1.18	5.60	0.993	5.50	0.972	3.19	0.488	3.34	0.491	181.19	0.62	0.96
XSST-A-157	40.8	77.8	9.18	33.1	6.73	1.19	6.22	1.07	6.10	1.03	3.37	0.499	3.79	0.504	191.38	0.56	0.94
XSST-A-162	40.9	72.4	9.02	32.2	5.84	1.22	5.57	1.02	5.83	0.948	3.18	0.455	3.61	0.491	182.68	0.65	0.88
XSST-A-165	41.2	87.8	9.39	32.6	6.62	1.22	5.68	0.967	5.09	0.896	2.86	0.427	3.34	0.453	198.54	0.61	1.05
XSST-A-168	42.9	83.3	10.4	36.2	6.74	1.26	6.49	1.01	6.25	1.01	3.37	0.488	3.91	0.497	203.83	0.58	0.92
XSST-A-170	38.2	72.0	9.39	32.7	6.46	1.18	5.92	0.991	5.35	0.93	3.20	0.475	3.60	0.479	180.88	0.58	0.89
XSST-A-171	30.8	56.0	6.98	25.7	4.60	0.977	4.24	0.699	3.78	0.672	1.97	0.310	2.26	0.323	139.31	0.68	0.89
XSST-A-175	44.6	80.9	10.6	36.7	6.81	1.28	5.89	0.956	5.28	0.963	3.10	0.451	3.28	0.446	201.26	0.62	0.87
XSST-A-178	41.2	75.2	9.35	34.6	6.50	1.26	5.75	1.02	5.48	1.00	3.15	0.475	3.30	0.447	188.73	0.63	0.90
XSST-A-181	39.6	75.4	8.62	32.3	5.54	1.04	5.01	0.810	4.25	0.784	2.54	0.379	2.81	0.373	179.46	0.60	0.96
XSST-B-3	46.3	83.9	10.3	36.4	6.82	1.08	5.81	0.924	4.80	0.763	2.45	0.340	2.62	0.335	202.84	0.52	0.90
XSST-B-6	14.8	24.4	3.27	12.8	2.37	0.685	2.46	0.476	2.71	0.528	1.51	0.229	1.60	0.210	68.05	0.87	0.82
XSST-B-10	20.4	37.4	4.54	16.8	2.93	0.418	2.47	0.460	2.50	0.496	1.52	0.228	1.67	0.217	92.05	0.47	0.91
XSST-B-12	17.3	32.8	4.05	14.4	2.72	0.564	2.54	0.428	2.49	0.437	1.44	0.214	1.68	0.227	81.29	0.66	0.92
XSST-B-28	39.3	73.9	9.18	32.8	5.57	1.14	5.39	0.86	5.15	0.928	2.90	0.471	3.32	0.454	181.36	0.64	0.91