

TABLE B2. Crater Aspect Ratios

No.	$m-t$	v	r	δ_p	Target	θ	D_a	D_{avg}	P	Figures
830526	0.2980-BPX	1.77	(3.52)	$1.63 \times E-3$	P	90	11.0	0.22	flat	7a,9,10b,11a,12a,15a,16,21b
821231	0.2980-BPX	4.83	(4.0)	$1.48 \times E-3$	P	90	14.2	0.5	flat	8,9,10a,11a,12a,14a,15b
821225	0.2980-BPX	4.25	(0.91)	0.126	P	90	15.6	1.82	mound	9,11a,12a,15b
821226	0.2980-BPX	4.06	(0.78)	0.200	P	90	17.3	2.29	mound	9,11a,12a,15b
830531	0.2980-BPX	1.90	(7.95)	$1.89 \times E-4$	P	90	18.7	0.15	flat	9,11a,12a,15a,17a
830534	0.2980-BPX	1.45	(2.75)	$4.56 \times E-3$	P	90	10.4	0.37	flat	9,11a,12a,15a
830608	0.2986-BPX	0.133	(4.25)	$1.26 \times E-3$	S1	90	12.8	0.77	mound	10b
820503	0.3755-AI	2.01	0.318	2.78	P	90	15.4	3.8	pit	7b,11a,12a
830203	0.2980-BPX	4.35	(4.0)	$1.48 \times E-3$	S1	90	15.9	1.48	mound	10a
830548	2.566-HNY	0.197	1.87	0.093	P	90	10.8	0.34	mound	11a,12a
830549	2.397-HNY	0.176	1.87	0.087	P	90	9.1	0.41	mound	11a,12a,13
830602	42.68-PP	0.150	1.87	1.56	P	90	23.2	6.5	pit	11a,12a
830211	0.2980-PX	3.70	0.318	2.2	P	90	18.1	2.29	pit	11a,12a,15b
820546	0.3760-AI	0.715	0.95	2.78	P	90	10.8	2.54	pit	11a,12a
821210	0.1486-Cd	2.10	0.159	6.9	P	90	13.4	2.72	pit	11a,12a
821222	0.1481-Cd	4.85	0.159	6.9	P	90	16.7	3.43	pit	11a,12a
830601	51.89-PL	0.136	1.873	1.89	P	90	24.4	2.49	mound	11a,12a,13
821120	0.3759-AI	1.61	0.318	2.78	P	90	13.9	3.09	pit	11a,12a,15a
821215	0.3759-AI	0.899	0.318	2.78	S1	90	14.8	4.16	pit	11b,12b
821216	0.3759-AI	1.58	0.318	2.78	S1	90	16.7	4.70	pit	11b,12b
VGP-823	0.2611-HAI	1.79	0.476	0.59	S3	90	NA	NA	NA	11b,12b
VGP-825	0.2660-HAI	1.99	0.476	0.59	S3	90	NA	NA	NA	11b,12b
830606	0.2986-BPX	6.1	2.1	0.01	S1	90	20.9	4.5	basin	11b,12b
830603	2.4610-HNY	0.172	1.87	0.119	S1	90	11.1	0.75	mound	11b,12b
830203	0.2980-BPX	4.35	4	$1.48 \times E-3$	S1	90	15.88	14.8	mound	11b,12b
830608	0.2986-BPX	0.133	4.23	$1.26 \times E-3$	S1	90	12.75	0.78	flat	11b,12b
800206	10.0-AIC	0.117	11.5	0.0021	S2	90	22.78	1.19	flat	11b,12b
800205	31.1-AIC	0.095	5.8	0.0507	S2	90	26.2	1.83	flat	11b,12b
800207	31.8-AIC	0.110	5.2	0.072	S2	90	25.7	1.77	flat	11b,12b
3031	58-RE	0.0250	1.8	1.1	S3	90	19.3	1.2	mound	11b,12b
4445	61-HBE	0.0282	1.8	0.35	S3	90	18.4	1.3	mound	11b,12b
5152	60-S	0.0259	1.8	0.34	S3	90	20.3	1.6	mound	11b,12b
3940	72-PP	0.0214	1.8	0.41	S3	90	15.9	3.5	pit	11b,12b
830546	7.837-SNY	0.204	0.95	2.18	P	90	14.6	2.45	pit	11a,12a,13
821227	0.2980-BPX	4.19	3.8	$(1.29 \times E-3)$	P	90	13.3	0.45	flat	11a,12a,15b
830542	0.2980-BPX	1.37	NA	NA	P	45	NA	NA	—	20

Abbreviations the same as in Table B1. m , projectile mass (g); t , projectile type (see Table B1 footnote); v , velocity (km/s); r , projectile radius (values in parentheses indicate cluster radius); δ_p , density of projectile; target (see Table B1 footnote); θ , impact angle from normal; D_a , apparent crater diameter (referenced to original target surface); D_{avg} , average crater depth; P , crater floor profile.

TABLE B3. Projectile Dispersal (Aluminum Shot Into No. 40 Sand)

No.	$m-t$	r_c	N	v_p	θ	$\frac{m_i}{m_p}$	$\frac{m_o}{m_p}$	$\frac{m_s}{m_p}$	Figures
791117	59.6-AI	NA	159	NA	90	0.83	NA	0.23	23,24
791118	59.6-AI	NA	159	0.134	90	0.86	NA	0.46	23,24
791119	60.0-AI	NA	160	0.106	90	0.69	NA	0.45	23,24
791202	60.0-AI	NA	160	NA	90	0.85	NA	0.29	23,24
800203	69.3-AI	4.3	185	0.105	90	0.92	0.13	0.21	23,24
800205	31.1-AI	5.8	83	0.101	90	0.77	0.30	0.49	23,24
800207	31.8-AI	5.2	85	0.110	90	0.95	0.30	0.34	23,24
800209	21.4-AI	6.9	57	0.104	90	0.95	0.31	0.36	23,24
800214	17.7-AI	8.1	47	0.101	90	.78	0.27	0.62	23,24
800553	30.3-AI	5.2	81	0.072	45	NA	NA	0.82	23,24
800554	32.5-AI	5.2	87	0.054	45	0.31	0.18	0.87	23,24
800556	31.6-AI	5.8	84	0.082	45	0.19	0.13	0.93	23,24
800559	96.4-AI	2.9	257	0.066	45	0.51	0.004	0.49	23,24
800561	27.7-AI	2.3	74	0.077	30	0.031	0.024	1.00	23,24
800562	35.6-AI	2.9	95	0.087	30	0.037	0.029	0.99	23,24
800563	35.6-AI	2.9	95	0.080	30	0.031	0.027	1.00	23,24
800564	97.1-AI	2.9	259	0.59	30	0.265	0.0036	0.70	23,24

m , projectile mass (g); t , projectile type (see Table B1); r_c , cluster radius; N , number of projectiles; v_p , impact velocity (km/s); θ , impact angle from horizontal; m_i , projectile mass recovered inside crater; m_o , projectile mass recovered on the surface inside crater; m_s , projectile mass on the surface (inside and outside crater).