

Table 59. Projectile Point Analysis Data, Sand Canyon Pueblo: Manufacturing and Use Data												
Study Unit	PD	FS	Use Type	Reduction Type	Blank Type	Cortex	Reason for Rejection	Grinding	Wear	Fracture	Point Type	Comments
General Site 0	0	8	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	indeterminate	tip	medium corner-notched (Rosegate, PII)	
	0	12	atlatl dart	finished biface	indeterminate	absent	bending fracture/end shock	none	no use wear	tip	Bajada Stemmed (early Archaic)	
	0	17	indeterminate	indeterminate reduction stage	bifacially reduced blank	absent		none	indeterminate	body	biface, not further specified	questionable as a projectile point
	0	23	atlatl dart	finished biface	bifacially reduced blank	absent	indeterminate	none	indeterminate	blade and tip	San Jose (late Archaic)	
	0	43	atlatl dart	finished biface	bifacially reduced blank	absent	impact fracture	none	retouching of blade	haft and shoulder	Pinto Stemmed (late Archaic)	
	0	55	atlatl dart	indeterminate reduction stage	bifacially reduced blank	absent	compound hinge/step occurrence	none	indeterminate		projectile point, not further specified	
	0	56	atlatl dart	finished biface	bifacially reduced blank	absent	impact fracture	none	indeterminate	blade	Bajada/Pinto Stemmed (Archaic)	possibly heat-treated chert
	0	63	arrow point	finished biface	indeterminate	absent	bending fracture/end shock	none	retouching of blade	haft and shoulder	medium corner-notched (Rosegate, PII)	
	0	64	arrow point	finished biface	bifacially reduced blank	absent	indeterminate	indeterminate	no use wear	no fractures	medium side-notched (middle to late PII)	
Arbitrary Unit 2	455	28	atlatl dart	finished biface	biface thinning flake	absent	crescentic chunk from margin	none	no use wear	haft and shoulder	Elko Corner-Notched (Archaic)	
	455	29	arrow point	finished biface	indeterminate	absent	indeterminate	none	retouching of blade	tip	small side-notched, straight base (PIII)	
	683	48	arrow point	indeterminate reduction stage	biface thinning flake	absent	indeterminate	none	repaired haft	haft and shoulder	small side-notched, straight base (PIII)	recycled point, had previous haft that has broken
	683	49	arrow point	finished biface	indeterminate	absent	indeterminate	none	indeterminate	tip	small side-notched, straight base (PIII)	agate?
	683	51	atlatl dart	finished biface	bifacially reduced blank	absent	lateral break	none	indeterminate	lateral and haft or base	Archaic corner-notched, not further specified	
	753	22	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	retouching of blade	tip	small side-notched, straight base (PIII)	
	753	88	indeterminate	indeterminate reduction stage	indeterminate	absent	bending fracture/end shock	indeterminate	indeterminate	haft or base	projectile point, not further specified	basal portion only; possibly heat altered; possibly Archaic
	753	89	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	indeterminate	no fractures	small side-notched, convex base (PIII)	possibly smoky obsidian
	767	11	arrow point	finished biface	indeterminate	absent	bending fracture/end shock	indeterminate	indeterminate	haft and shoulder	medium corner-notched (Rosegate, PII)	
	820	67	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	utilization of blade	no fractures	small side-notched, straight base (PIII)	
Arbitrary Unit 3	679	25	indeterminate	indeterminate reduction stage	indeterminate	absent	bending fracture/end shock	none	indeterminate	body	small side-notched, straight base (PIII)	
	679	40	indeterminate	refined biface (flake scars past centerline)	biface thinning flake	absent		none		tip	projectile point, not further specified	questionable as a projectile point

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Arbitrary Unit 3	709	2	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	retouching of blade	indeterminate	small side-notched, straight base (PIII)	heavily resharpened
	709	3	atlatl dart	indeterminate reduction stage	bifacially reduced blank	absent	bending fracture/end shock	indeterminate	indeterminate	body	projectile point, not further specified	possible San Jose point
	806	50	arrow point	finished biface	bifacially reduced blank	absent	indeterminate	none	no use wear	tip	small side-notched, straight base (PIII)	
	807	7	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	body	small side-notched, convex base (PIII)	possible heat treatment
	809	7	atlatl dart	bifacially edged blank	bifacially reduced blank	absent	bending fracture/end shock	none	no use wear	haft and tip	projectile point, not further specified	
Structure 101	52	8	arrow point	finished biface	indeterminate	absent	bending fracture/end shock	none	no use wear	body	projectile point, not further specified	
Structure 102	50	88	arrow point	finished biface	indeterminate	absent	bending fracture/end shock	none	retouching of blade	tip	large/medium side-notched	
	147	2	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	no use wear	tip	medium corner-notched (Rosegate, PII)	
Nonstructure 103	3	21	arrow point	finished biface	indeterminate	present	impact fracture	none	indeterminate	haft, shoulder, and tip	large/medium side-notched	
	31	20	indeterminate	indeterminate reduction stage	indeterminate	absent	bending fracture/end shock	indeterminate	indeterminate		projectile point, not further specified	haft portion only
	31	22	arrow point	finished biface	bipolar flake	absent	indeterminate	none	tip resharpened	haft or base	small corner-notched (BMIII-early PII)	
	31	23	arrow point	unfinished biface (pressure flaking, notching)	bipolar flake	absent	indeterminate	none	retouching of blade	indeterminate	Desert Side-Notched (Numic)	possible Numic point
	31	46	indeterminate	indeterminate reduction stage	indeterminate	absent	bending fracture/end shock	indeterminate	no use wear	body	projectile point, not further specified	
	31	62	indeterminate	indeterminate reduction stage	indeterminate	absent	limited potential for further work/use	indeterminate	indeterminate	body	projectile point, not further specified	broken, small, side-notched point blank
	35	11	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	haft and tip	small corner-notched (BMIII-early PII)	
	37	15	indeterminate	unfinished biface (pressure flaking, notching)	biface thinning flake	absent	lateral break	indeterminate	indeterminate	haft and tip	projectile point, not further specified	
	37	24	arrow point	finished biface	biface thinning flake	absent	impact fracture	indeterminate	retouching of blade	tip	small side-notched, straight base (PIII)	
Structure 104	96	51	atlatl dart	indeterminate reduction stage	bifacially reduced blank	absent	compound hinge/step occurrence	none	indeterminate	body	Humboldt Basal-Notched (Archaic)	Archaic lanceolate point
Structure 107	71	4	arrow point	finished biface	other non-bipolar flake	absent	bending fracture/end shock	none	indeterminate	tip	large/medium side-notched	
Structure 108	131	30	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	retouching of blade	tip	small corner-notched (BMIII-early PII)	
	142	32	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	no use wear	shoulder	small corner-notched (BMIII-early PII)	

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Structure 108	142	62	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	utilization of blade	no fractures	large/medium side-notched	
Arbitrary Unit 115	103	9	atlatl dart	indeterminate reduction stage	bifacially reduced blank	absent	bending fracture/end shock	none	indeterminate	body and shoulder	Elko Corner-Notched (Archaic)	heat-treated
Structure 116	132	11	indeterminate	unfinished biface (pressure flaking, notching)	biface thinning flake	absent	indeterminate	none	indeterminate	haft or base	projectile point, not further specified	
Structure 202	91	29	arrow point	finished biface	bifacially reduced blank	absent	impact fracture	none	retouching of blade	shoulder	medium corner-notched (Rosegate, PII)	
Structure 203	111	18	atlatl dart	indeterminate reduction stage	bifacially reduced blank	absent	bending fracture/end shock	none	indeterminate	body	large corner-notched (BMII)	
Structure 207	330	6	arrow point	analysis not applicable	bifacially reduced blank	absent	limited potential for further work/use	none	retouching of blade	shoulder	small side-notched, straight base (PIII)	
	330	7	arrow point	finished biface	biface thinning flake	absent	impact fracture	none	retouching of blade	shoulder	small side-notched, concave base (late PII)	extensive resharpening
Structure 208	201	26	atlatl dart	indeterminate reduction stage	bifacially reduced blank	absent	bending fracture/end shock	none	indeterminate	body and haft	projectile point, not further specified	
	215	33	atlatl dart	finished biface	bifacially reduced blank	absent	indeterminate	none	retouching of blade	no fractures	Pinto Stemmed (late Archaic)	
	215	39	atlatl dart	unfinished biface (pressure flaking, notching)	bifacially reduced blank	absent	lateral break	none	retouching of blade	shoulder and tip	Elko Corner-Notched (Archaic)	reworked, broken Elko point
	269	68	arrow point	finished biface	indeterminate	absent	indeterminate	none	utilization of blade	haft or base	small corner-notched (BMIII-early PII)	measurements taken from illustration; looks like a Rosegate point; small chip in base's bottom and along one edge of base; point still looks functional; made from a white chert
	269	76	arrow point	finished biface	bifacially reduced blank	absent	indeterminate	none	utilization of blade	no fractures	large/medium side-notched	
	269	100	not specified			absent					projectile point, not further specified	point was lost in the field; not measured or described
	271	6	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	haft and tip	projectile point, not further specified	
Structure 306	86	3	atlatl dart	unfinished biface (pressure flaking, notching)	bifacially reduced blank	absent	bending fracture/end shock	none	retouching of blade	blade	projectile point, not further specified	extra notch on one side
	113	10	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	no use wear	haft or base	small side-notched, straight base (PIII)	
	114	6	indeterminate	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	indeterminate	body	projectile point, not further specified	

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Structure 308	129	2	arrow point	unfinished biface (pressure flaking, notching)	bipolar flake	absent	impact fracture	none	indeterminate	blade	large/medium side-notched	
Structure 400	1448	17	atlatl dart	finished biface	bifacially reduced blank	absent	indeterminate	indeterminate	indeterminate	body and haft	Sudden Side-Notched (Archaic)	Archaic
	1454	1	arrow point	finished biface	biface thinning flake	absent	limited potential for further work/use	none	retouching of blade	haft or base	small side-notched, straight base (PIII)	resharpened
Structure 501	388	234	arrow point	finished biface	indeterminate	absent	impact fracture	none	no use wear	tip	Desert Side-Notched (Numic)	measurements taken from illustration
Structure 512	498	5	arrow point	unfinished biface (pressure flaking, notching)	biface thinning flake	present	lateral break	none	indeterminate	lateral body	medium corner-notched (Rosegate, PII)	
Nonstructure 513	370	2	atlatl dart	indeterminate reduction stage	indeterminate	absent		indeterminate	indeterminate	body	Elko Eared (Archaic)	Archaic Elko Eared base
Nonstructure 515	644	42	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	indeterminate	no fractures	small side-notched, straight base (PIII)	
	701	10	arrow point	finished biface	biface thinning flake	absent	impact fracture	none	no use wear	haft or base	large corner-notched, concave blade (BMIII-PI)	
Nonstructure 518	547	51	arrow point	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	retouching of blade	haft and tip	large corner-notched (BMII)	
Nonstructure 803	1008	34	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	body and haft	medium corner-notched (Rosegate, PII)	
Nonstructure 1000	839	73	indeterminate	primary thinned preform (flake scars to centerline)	indeterminate	absent	indeterminate	base	indeterminate	no fractures	projectile point, not further specified	preform for a small, side-notched point
	839	96	arrow point	finished biface	bipolar flake	absent	indeterminate	none	retouching of blade	no fractures	small corner-notched (BMIII-early PII)	
Structure 1003	795	6	indeterminate	finished biface	indeterminate	absent	bending fracture/end shock	none	indeterminate	haft, shoulder, and tip	Elko Corner-Notched (Archaic)	
Structure 1004	530	63	arrow point	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	no use wear	haft or base	Parawan Corner-Notched (Fremont/Western Pueblo)	a Fremont/Western Pueblo point of nonlocal raw material; from roof fall above a floor with human remains
	530	155	arrow point	finished biface	bifacially reduced blank	absent	indeterminate	none	indeterminate	shoulder	small corner-notched (BMIII-early PII)	
	593	16	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	no use wear	no fractures	Nawthis Side-Notched	
	658	68	atlatl dart	finished biface	bifacially reduced blank	absent	indeterminate	none	indeterminate	no fractures	Bajada/Pinto Stemmed (Archaic)	Archaic point
	846	8	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	retouching of blade	tip	small side-notched, straight base (PIII)	
Structure 1008	794	101	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	haft and tip	small corner-notched (BMIII-early PII)	

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Structure 1008	860	54	arrow point	finished biface	indeterminate	absent	indeterminate	none	retouching of blade	tip	small side-notched, straight base (PIII)	
Nonstructure 1009	793	18	atlatl dart	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	no use wear	blade and lateral body	biface, not further specified	
	832	15	atlatl dart	unfinished biface (pressure flaking, notching)	bifacially reduced blank	absent	bending fracture/end shock	none	no use wear	tip	Elko Corner-Notched (Archaic)	Archaic
Structure 1206	145	4	arrow point	finished biface	bipolar flake	absent	indeterminate	none	indeterminate	tip	small side-notched, straight base (PIII)	
Nonstructure 1214	359	125	arrow point	finished biface	biface thinning flake	absent	limited potential for further work/use	none	retouching of blade	no fractures	small side-notched, straight base (PIII)	heavy resharpening
	359	139	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	tip resharpened	shoulder	small corner-notched (BMIII-early PII)	
Nonstructure 1218	125	8	indeterminate	indeterminate reduction stage	biface thinning flake	absent	lateral break	none	indeterminate	haft, body, and tip	small side-notched, concave base (late PII)	
Structure 1219	176	17	arrow point	finished biface	indeterminate	absent	indeterminate	none	no use wear	no fractures	Nawthis Side-Notched	measurements taken from illustration
	176	18	arrow point	finished biface	biface thinning flake	absent	indeterminate	indeterminate	retouching of blade	haft or base	small side-notched, convex base (PIII)	
	176	19	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	indeterminate	no fractures	small side-notched, straight base (PIII)	
Structure 1222	296	16	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	haft or base	small corner-notched (BMIII-early PII)	broken in two pieces, recent break
Nonstructure 1500	1074	15	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	shoulder	small corner-notched (BMIII-early PII)	
	1124	8	arrow point	unfinished biface (pressure flaking, notching)	biface thinning flake	absent	bending fracture/end shock	none	no use wear	shoulder and tip	small corner-notched (BMIII-early PII)	
	1124	106	indeterminate	indeterminate reduction stage	indeterminate	absent	limited potential for further work/use	none	indeterminate	body and haft	projectile point, not further specified	basal segment only
	1124	140	arrow point	finished biface	indeterminate	absent	heat fracture	none	tip resharpened	haft or base	small side-notched, unspecified base (PII-PIII)	
	1124	141	arrow point	finished biface	biface thinning flake	absent	impact fracture	none	retouching of blade	tip	small side-notched, straight base (PIII)	
Structure 1501	1523	2	arrow point	finished biface	indeterminate	absent	bending fracture/end shock	none	indeterminate	shoulder and tip	small side-notched, concave base (late PII)	
Structure 1502	1056	23	arrow point	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	no use wear	body	medium corner-notched (Rosegate, PII)	
	1196	13	arrow point	unfinished biface (pressure flaking, notching)	biface thinning flake	absent	crescentic chunk from margin	none	no use wear	lateral body	projectile point, not further specified	a small, side-notched preform that was broken during notching
	1213	58	atlatl dart	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	no use wear	haft or base	White Dog Basketmaker (BMII)	

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Structure 1502	1213	75	atlatl dart	indeterminate reduction stage	indeterminate	absent	bending fracture/end shock	indeterminate	indeterminate	body	medium side-notched (middle to late PII)	basal element only
	1386	1	arrow point	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	indeterminate	body and haft	medium corner-notched (Rosegate, PII)	
Structure 1507	1051	14	arrow point	finished biface	other non-bipolar flake	absent		none	retouching of blade	indeterminate	small side-notched, straight base (PIII)	resharpened
Structure 1510	1191	11	arrow point	unfinished biface (pressure flaking, notching)	biface thinning flake	absent	indeterminate	none	utilization of blade	no fractures	small side-notched, convex base (PIII)	
Structure 1519	1257	66	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	retouching of blade	tip	small side-notched, straight base (PIII)	
Structure 1527	1197	9	arrow point	indeterminate reduction stage	biface thinning flake	absent	bending fracture/end shock	none	retouching of blade	blade and haft	small side-notched, unspecified base (PII-PIII)	reworked
	1197	38	arrow point	finished biface	bifacially reduced blank	absent	indeterminate	none	no use wear	no fractures	medium side-notched (middle to late PII)	
	1197	39	arrow point	finished biface	bifacially reduced blank	absent	bending fracture/end shock	none	no use wear	tip	large/medium side-notched	two pieces, recent break
	1197	40	arrow point	finished biface	biface thinning flake	absent	bending fracture/end shock	none	indeterminate	tip	large/medium side-notched	
	1197	41	arrow point	finished biface	biface thinning flake	absent	indeterminate	none	retouching of blade	blade	small side-notched, straight base (PIII)	
Structure 1601	1327	14	indeterminate	primary thinned preform (flake scars to centerline)	biface thinning flake	absent	limited potential for further work/use	none	no use wear	body	projectile point, not further specified	obsidian flake, unfinished

PD = Provenience Designation; FS = Field Specimen; BM = Basketmaker; P = Pueblo.

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