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DOCUMENTATION
FOR
PREHISTORIC INVESTIGATIONS IN THE UPPER LITTLE COLORADO DRAINAGE
EASTERN ARIZONA

Paul S. Martin
John B. Rinaldo
William A. Longacre
Leslie G. Freeman, Jr.

1961

Editors of the Series:

David A. Baerreis, Chairman
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John B. Rinaldo
Raymond H. Thompson
Thompson Webb, Jr.

University of Wisconsin
Milwaukee Public Museum
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Preface

This report contains statistical and descriptive data that resulted from the excavation of eight villages and the reconnaissance of one hundred seventy sites in east central Arizona. This information was gathered during 1959 and 1960 by the Southwest Archaeological Expeditions of the Chicago Natural History Museum under the leadership of Dr. Paul S. Martin. That part of the archaeological survey conducted in 1960 and the excavation of the pre-ceramic Tumbleweed Canyon Site were financed by the National Science Foundation (Grant Number G-13039). The excavation of the later sites and the accomplishment of the survey during 1959 were carried out with the aid of Museum funds.

In rough chronological order from late to early the sites excavated are:

1. Hooper Ranch Pueblo, a village of perhaps sixty rooms, two lesser kivas and a Great Kiva. It is situated on the east bank of the Little Colorado River, on land owned by Mr. Robert B. Hooper in Section 8, Township 9 North, Range 29 East, Gila and Salt River Meridian.
2. Rim Valley Pueblo (LS-73) contained perhaps twenty-five rooms, of which eleven were excavated. It is also located on

the Hooper Ranch, across the river and up on a mesa overlooking Hooper Ranch Pueblo and the valley; S.E. 1/4, N.E. 1/4, Sec. 18, Twp. 9., R. 29 E., G. and S. R. M.

3. The Thode Site is a small village of something like fourteen rooms (eleven were excavated), of a type transitional between pithouses and surface rooms. It is on land owned by Mr. Earl Thode on the east fork of Mineral Creek. It is situated on the west side of the creek above the bottom lands; S.W. 1/4, N.E. 1/4, Sec. 13, Twp. 10 N., R. 25 E., G. and S.R.M.

4, 5 and 6. The three small Chilcott Sites were quite varied architecturally. The largest of these (Site 1) is an incipient type of pueblo and contained a number of rooms with masonry walls, some of which were sub-surface. Site 2 consisted of small brush shelters, and Site 3 of a small storage room with masonry walls and a larger brush shelter furnished with a stone slab-lined firepit. These are located on the Chilcott Ranch in Sec. 5, Twp. 11 N., R. 25 E., G. and S.R.M.

7. The Goesling Site (LS-136) is situated on a high point of land about one mile east of the Little Colorado River not far from St. Johns. There are eight or ten depressions marking pithouses here, two of which were excavated. The larger of the two was masonry lined and contained a shallow southern recess. The smaller house was of simple construction with a four post roof

support. These are located in Goesling's pasture N.E. 1/4, Sec. 2, Twp. 12 N., R. 28 E., G. and S.R.M.

8. The Tumbleweed Canyon Site (LS-60) is on a small mesa set off from the west rim of the valley of the Little Colorado River, N.E. 1/4, S.E. 1/4, Sec. 17, Twp. 11 N., R. 28 E., G. and S.R.M. Three shallow pithouse structures were excavated.

This site has been dated at approximately A.D. 360 \pm 50 (Groningen) by carbon 14. On the basis of the contained polychrome pottery types Hooper Ranch Pueblo, the latest of this series, may date at A.D. 1275.

We are grateful to Mr. D. Chilcott and his ranch manager Mr. Frank Stradling, Mr. Al H. Goesling, Mr. Robert B. Hooper, Mr. Earl Thode and Mr. Pacer Wiltbank for permission to excavate on their land and to bring back to the Museum all specimens recovered.

The section by Rinaldo included herewith gives in detail the dimensions and outstanding physical characteristics of the artifacts recovered in the excavations made during the 1960 season. That by Longacre on the archaeological survey is a continuation of the site descriptions begun in Archives of Archaeology No. 6 (Documentation for some late Mogollon sites in the upper Little Colorado drainage, eastern Arizona, by Martin,

Rinaldo and Longacre). This section comprises detailed descriptions of sites LS-108 through LS-170 and a tabular presentation by sites and pottery types of the sherds collected during both the 1959 and 1960 seasons. For explanation of what Longacre means by "groups" and what he includes in them, see "Mineral Creek Site and Hooper Ranch Pueblo" by Paul S. Martin, John B. Rinaldo and William A. Longacre, *Fieldiana: Anthropology*, Vol. 52, 1961, page 150.

The tabulation of pottery types by Freeman which follows the tabulation for the survey represents the sherd analysis basic to the seriation of the various sites and (in most instances) their contained rooms.

We have put into this documentation a larger amount of detail than we could expect to put in our monograph in order that these materials may have a greater usefulness for future comparative research.

MANOS											SITE										
CAT. NO.	One Cr. Surface	Two Cr. Surfaces	Oval Outline	Rectangular	Parallel Wedge X Section	Bevel	Convex	Slightly Convex	Flat	End Rounded	Convex Lengthwise	Length	Width	Thickness	Provenience	Floor	Fill or Trench	Sandstone	Basalt	Other	SITE *
228	x			x	x		x					19.5	10.9	3.0	A		x			x	G
233	x			x	x		x					20.6	11.0	3.2	A		x			x	G
169	x			x	x		x					20.9	11.2	2.8	B	x					RV
179	x			x	x		x					18.0	10.7	3.7	G		x		x		RV
5	x			x		x	x					10.8+	10.9	1.4	G.K		x			x	H
33	x			?	x		x					6.4+	6.3+	3.1+	G.K			x			H
194	x			x	x			x				18.2+	11.2	5.3	1		x				Cl
180	x			x	x			x				18.6	11.0	5.3	?						RV
147	x			x	x			x				5.7+	9.6	2.5	A	Bel.	Fl				RV
140	x			x	x			x				13.8+	10.8	3.6	G		x				RV
2	x			x	x			x				14.6+	12.6	3.6	G.K		x				H
238	x			x	x				x			12.5+	7.0	2.3	A		x				G
236-1	x			x	x				x			20.4	10.7	3.0	A		x				G
236-2	x			x	x				x			20.3	12.3	4.1	A		x				G
236-3	x			x	x				x			20.6	10.7	2.4	A		x				G
235	x				x				x			18.3	10.9	5.2	A		x				G
222-1	x			x	x				x			9.1+	11.3	4.5	A	x					G
222-2	x			x	x				x			9.2+	12.4	3.5	A	x					G
220	x			x	x				x			19.8+	9.6	3.2	A	x					G
218	x			x	x				x			10.4+	11.7	3.5	A		x				G
208	x			x	x				x			10.1+	12.2	4.7	6		x				Cl
207	x			x	x				x			11.8+	10.6	5.8	4		x				Cl
193	x			x	x				x			8.2+	13.0	4.4	5	x					Cl
96	x				x				x			9.6+	9.9	3.9	A		x				T
181	x			x	x				x			18.2+	12.0	4.0	C	x					RV
177	x			x	x				x			13.5+	13.1	2.1	A		x				RV
171	x			x	x				x			20.6	11.2	3.7	B	x					RV
160	x			x	x				x			22.1	13.0	2.1	B	x					RV
141	x			x	x				x			21.5	13.5	3.4	G		x				RV
132	x			x	x				x			11.8+	12.5	3.2	F		x				RV
131	x			x	x				x			9.3+	10.9	1.5	F		x				RV
49	x			x	x				x			8.4+	10.5	5.1	G.K	x					H
28	x			x	x				x			5.3+	9.5	3.6	G.K		x				H
25	x			x	x				x			10.6+	10.6	4.7	G.K		x				H

*-C=Chilcott(1,2);G=Goesling Ranch;H=Hooper Ranch;RV=Rim Valley; T=Thode

MANOS CAT. NO.	One Gr. Surface	Two Gr. Surfaces	Oval Outline	Rectangular	Parallel	Wedge X Section	Bevel	Convex	Slightly Convex	Flat	Trans. to Bevel	Convex Lengths	Length	Width	Thickness	Provenience	Floor	Fill or Trench	Sandstone	Basalt	Other	SITE *
20	x			x	x					x			12.0+	13.2	4.1	G.K.		x				H
19	x			x	x					x			13.4+	10.9	3.0+	G.K.		x	x			H
18	x			x	x					x			13.8+	10.3	1.4+	G.K.		x	x			H
6	x		x		x					x			11.0+	11.7	3.0	G.K.		x	x			H
153	x			x							x		20.9	11.1	2.0	R. B	x					RV
107	x			x						x			11.0+	7.5	3.5	R. A	x					T
123	x			x							x		10.8+	11.2	2.5	R. B		x				RV
32	x			x							x		10.5+	8.2	3.0	G.K.	x					H
195	x			x			x						8.5+	13.0	2.5	R. 5	x					Cl
187	x			x			x						11.9+	10.0	3.2	Plaza		x				RV
183	x			x			x						12.5+	10.1	1.8	R. A		x				RV
178	x			x			x						9.8	6.0	2.7	R. B	x					RV
168	x			x			x						24.0	13.1	2.9	R. B	x					RV
165	x			x			x						23.6	11.5	2.1	R. B	x					RV
161	x			x			x						20.7	10.4	2.6	R. B	x					RV
146	x			x			x						14.8+	11.1	2.0	R. A	Bel.	fl.				RV
142	x			x			x						7.5+	10.3	2.2	R. B	x					RV
137	x			x			x						17.8	9.4	3.3	R. C		x				RV
135	x			x			x						10.7+	9.5	2.3	R. C		x				RV
130	x			x			x						20.0	12.2	3.1	R. F		x				RV
129	x			x			x						23.5	11.8	1.8	R. C		x				RV
121	x			x			x						11.7+	9.5	3.0	R. B		x				RV
119	x			x			x						20.3	12.1	2.5	R. B		x	x			RV
1	x			x			x						21.6	10.7	3.3	R. 18		x				H
191	x	x		x			x			?			9.0+	11.4	4.3	R. 5		x				Cl
109	x	x		x			x			?			4.3+	8.4	8.4	R. A	x					T
108	x	x		x						?			9.4+	9.6	5.7	R. A	x					T
86	x	x		x						?			10.7+	11.5+	3.4	R. D		x				T
84	x				x		x			?			7.1+	5.4+	2.8	R. A		x				T
81	x			x			x			?			6.4+	3.3+	2.8	R. D		x				T
78	x	x		x						?			12.7	10.8	9.2	R. B		x				T
125	x			x	x					?			9.9+	13.1	4.8	R. B		x				RV
118	x			x	x					?			7.6+	8.6+	2.8	R. E		x				RV

* - C=Chilcott (1,2); G=Goesling Ranch; H=Hooper Ranch; RV=Rim Valley; T=Thode

MANOS	One Gr. Surface	Two Gr. Surfaces	Oval Outline	Rectangular	Parallel	Wedge X Section	Bevel	Convex	Slightly Convex	Flat	Trans. to Bevel	Length	Width	Thickness	Room or House	Floor	Fill or Trench	Sandstone	Basalt	Other	SITE *
68	x	x		x				x				19.2	14.8	6.2	H. A	x					TW
98	x	x		x				x				17.3	12.2	5.6	R. D		x		x		T
152	x		x	x					x			18.8	10.3	3.5	R. K		x				RV
237-2	x		x	x						x		9.3+	11.7	2.0	H. A		x				G
241	x		x	x						x		18.5+	12.7	1.6	H. A		x	x			G
219	x		x	x						x		23.7	9.8	3.0	H. A		x	x			G
212	x		x	x						x		20.2	12.3	2.0	R. 5		x	x			Cl
211	x		x	x						x		21.9	12.9	2.3	R. 5		x	x			Cl
102	x		x	x						x		8.7+	12.3	3.5	R. H		x				T
163	x		x	x						x		21.1	11.6	3.6	R. B	x			x		RV
151	x		x	x						x		7.3+	11.0	2.2	R. F	x					RV
150	x		x	x						x		11.2+	13.0	3.2	R. F		x				RV
149	x		x	x						x		12.4+	10.7	2.9	R. C		x				RV
139	x		x	x						x		10.8+	12.8	2.3	R. C		x				RV
124	x		x	x						x		23.0	12.7	5.0	R. A		x				RV
24	x		x	x						x		12.1+	13.2+	3.7	G.K		x				H
14	x		x	x						x		9.7+	8.2+	4.2	G.K		x				H
7	x		x	x						x		12.9+	11.8	2.8	G.K		x				H
29	x		x	x				x		x		12.1+	9.2	3.1	G.K	x					H
162	x		x							x		19.6	10.7	3.2	R. B	x			x		RV
122	x		x							x		10.6+	9.4	2.3	R. B		x				RV
134	x		x							x	x	9.3+	11.1	2.5	R. C		x				RV
16	x		x							x	x	8.4+	11.5	4.8	G.K		x		x		H
15	x		x							x	x	8.4+	11.5	4.8	G.K		x		x		H
239	x		x				x		x			19.4	10.0+	2.9	H. A		x				G
237-1	x		x				x		x			10.4+	7.7	3.1	H. A		x				G
229	x		x				x		x			17.9	7.6	3.1	H. A		x	x			G
226	x		x				?		x			8.6+	10.5	3.0	H. B		x				G
223	x		x				x		x			11.3+	8.0	3.1	H. A		x				G
170	x		x				x		x			21.0	11.3	2.5	R. A	x					RV
164	x		x				x		x			25.0	12.3	2.1	R. B	x		x			RV
120	x		x				x		x			10.1+	7.9	2.3	R. B		x				RV
130	x		x				x		x			11.4+	8.1	2.5	G.K	x					H

* - C=Chilcott(1,2); G=Goesling Ranch; H=Hooper Ranch; RV=Rim Valley; T=Thode; TW=Tumbleweed

MANOS	One Gr. Surface	Two Gr. Surfaces	Oval Outline	Rectangular	Parallel	Wedge X Section	Bevel	Convex Short Axis	Convex	Slightly Convex	Flat	Trans. to Bevel	Length	Width	Thickness	Room or House	Floor	Fill or Trench	Sandstone	Basalt	Other	SITE *	
4		x		x			x			x			11.1+	8.5	2.5	G.K		x				H	
17		x	x						x	x			11.4+	10.1	4.1	G.K		x		x		H	
234		x		x					x		x		18.6	9.7	3.0	H. B	x					G	
209		x	x						x		x		8.7+	11.8	5.4	R. 6		x				Cl	
205		x		x					x		x		11.6+	10.5	5.7	R. 4	x					Cl	
94		x		x					x		x		10.0+	10.7	4.1	R. C		x				T	
3		x		x					x		x		7.3+	11.7	2.5	G.K		x				H	
210		x		x						x	x		11.6+	10.0	3.9	R. 4	x					Cl	
192		x		x						x	x		8.6+	12.0	4.4	R. 5		x				Cl	
31		x								x	x		7.2+	8.6	2.6	G.K	x					H	
82		x	x							?	?		8.8+	9.5+	3.0	R. D		x				T	
ONE HAND MANOS																							
54	x		x								x		15.1	10.2	6.1	Surf.							TW
61	x		x								x		15.2	11.2	6.0	H. A							TW
221	x			x	x						x		12.9	10.9	4.1	H. A	x						G
203	x		x		x						x		13.9	10.6	5.8	R. 4	x		x				Cl
202	x			x	x						x		14.8	9.0	6.6	R. 5	x						Cl
201	x			x	x						x		13.5	8.0	5.1	R. 4	x						Cl
97	x		x		x						?		12.0	7.1	6.5	R. F							T
92	x		x		x						?		11.6	8.4	6.5	R. B				x			T
83	x		x		x						?		8.8	8.8	3.9	R. D		x		?			T
79	x		x		x						?		10.0	9.5	4.8	R. B		x					T
204	x		x		x					x			13.5	7.7	4.8	R. 1	x						C2
199	x		x		x					x			11.0	11.0	8.6	R. 4	x						Cl
50		x	x			x		x					11.6	9.0	5.6	Surf.			x				TW
51		x	x			x		x					13.4	11.0	5.6	Surf.					x		TW
52		x	x			x		x					13.0	10.0	5.4	Surf.					x		TW
53		x	x			x		x					16.5	11.0	6.6	Surf.							TW
59		x	x			x		x					17.4	11.6	4.2	H. A	x						TW
55		x	x			x		x					13.1	9.6	5.7	Surf.					x		TW

* - C=Chilcott(1,2); G=Goesling Ranch; H=Hooper Ranch; RV=Rim Valley; T=Thode; TW=Tumbleweed

ONE HAND MANOS	One Gr. Surface	Two Gr. Surfaces	Oval Outline	Rectangular	Parallel	Wedge X Section	Convex Short Axis	Convex	Slightly Convex	Flat	Trans. to Bevel	Length	Width	Thickness	Room or House	Floor	Fill or Trench	Sandstone	Basalt	Other	SITE *
186		x	x		x			x				12.2	9.3	3.2	Plaza		x				RV
200		x	x		x				x			13.9	10.7	6.2	R. 4	x					Cl
110		x	x		x			x	x			16.6	10.3	3.6	R. H		x				T
185		x	x		x					x		11.2	10.5	3.6	Plaza		x				RV
60		x	x		x					x		12.3	10.2	3.3	H. A	x					TW
70		x	x		x					x		13.1	9.6	3.4	H. A	x					TW
197		x	x		x			x		x		14.3	11.1	7.1	R. 1	x					Cl
196		x	x		x					x		11.7	10.3	3.6	R. 3		x				Cl
176		x	x		x					x		13.6	11.3	5.0	R. C	x					RV
138		x	x		x					x		10.8	9.7	3.7	R. G		x				RV
136		x	x		x					x		11.9	11.1	6.9	R. C		x				RV
111		x		x	x				x	x		15.8	11.5	4.2	R. E		x	x			T
87		x	x		x					x		10.1	8.4	5.4	R. A		x		x		T
148		x	x		x					x		13.2	9.0	5.0	R. F		x				RV

* - C=Chilcott(1,2); G=Goesling Ranch; H=Hooper Ranch; RV=Rim Valley; T=Thode; TW=Tumbleweed

RUBBING STONES	One Rubbing Surf.	Two Rubbing Surf.	Triangular Outline	Oblong Outline	Oval Outline	Circular Outline	Slightly Convex	Flat	Length	Width	Thickness	Room or House	Floor	Fill or Trench	Limestone	Basalt or Basalt	Sandstone	Vesicular Basalt	Quartz	SITE *
280511	x		x				x		5.4	4.8	2.1	H. A	x			x				TW
280512	x			x			x		7.5	5.8	3.4	H. A	x			x				TW
280513	x			x				x	4.4+	3.9	2.2	H. A	x						x	TW
280572	x				x			x	4.0	3.1	1.2	H. A	x				x			TW
280597	x				x			x	4.1+	3.0	0.7	H. B		x			x			TW
58	x					x	x		6.5	4.4	4.2	Pit E		x						TW
116	x				x		x		11.3	6.7	4.3	H. B	x							TW
224	x					x		x	10.7	10.0	4.8	H. A	x							G
90	x		x					x	7.1	5.8	1.5	R. A		x				x		T
105	x				x			x	8.1	6.1	2.2	R. A		x				x		T
145	x				x			x	7.9	6.7	2.0	R. H		x						RV
158	x				x			x	7.3	6.0	5.0	R. B	x							RV
280737	x			x				x	5.6	3.2	0.7	R. A	x				x			RV
280465	x					x		x	6.7	6.6	1.4	G.K		x	x					H
280667		x			x		2		7.0	4.4	2.6	H. B		x			x			TW
280883		x			x		2		6.9	5.6	1.4	H. A	x		x					G
280906		x						2	7.3	4.7	2.3	H. A		x			x			G
77		x			x		2		7.6	3.9	3.4	R. B		x				x		T
85		x					1	1	10.8	5.1	2.0	R. D		x						T
95		x			x		2		6.1	5.3	3.5	R. C		x				x		T
103		x					2		6.9+	4.7	1.9	R. A		x						T
104		x					2		8.3+	4.0	2.5	R. F		x						T
106		x						2	5.9+	5.9	1.3	R. E		x						T
280741		x						2	4.9+	4.7	1.5	R. B	x				x			RV
133		x			x		2		8.7	5.0	2.5	R. F		x	x					RV
144		x			x		2		8.9	8.1	3.1	R. H		x						RV
280730		x			x			x	5.8	4.5	2.2	R. A		x			x			RV

* - C=Chilcott(1,2); G=Goesling Ranch; H=Hooper Ranch; RV=Rim Valley; T=Thode; TW=Tumbleweed

POLISH- ING STONES	POLISHING SURF.			Length	Width	Thickness	MINERALOGY			Room or House	LOCATION		SITE *		
	One Rubbing Surf.	Two Rubbing Surf.	Oval Outline				Slightly Convex	Flat	Basalt		Felsite	Quartz		Floor	Fill or Trench
CAT. NO.															
280903	x		x		x	4.6	3.5	3.1		x		H. A		x	G
280778		x	x		x	3.7	2.9	2.0	x					x	C2
280733	x		x		x	4.6	3.2	2.2		x		R. A		x	RV
280742	x		x		x	3.2	3.1	1.7	x			R. B		x	RV
280763	x		x		x	4.1	3.4	1.9			x	R. J	x		RV
117	x		x		x	6.7	5.1	4.8				R. D		x	RV
280434	x		x		x	4.1	2.5	2.5			x	G.K		x	H
280462	x		x		x	3.1	1.9	1.3			x	G.K		x	H

* - C=Chilcott(1,2); G=Goesling Ranch; H=Hooper Ranch; RV=Rim Valley; T=Thode; TW=Tumbleweed

Pestles (4)

Elongate, roughly cylindrical tool with tapering ends; larger extremity battered from use.

<u>No.</u>	<u>Material</u>	<u>L.</u>	<u>W.</u>	<u>T.</u>	<u>Room</u>	<u>Site</u>
FN 63	Microgranite	22.4	10.2	8.6	House A, floor	Tumbleweed
26		14.0	9.0	9.0	Treat Kiva, fill	Hooper Ranch

Long, pear-shaped pebble, with narrow end worn from use.

166	Basalt	11.5	7.0	4.9	Room B, floor	
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Multiface type; angular block-like pebble with one end pecked and battered from use, and one striated grinding surface.

155	Vesicular basalt	12.2	8.3	7.5	Room B, floor	Rim Valley
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METATES

Basin type; thick slabs of igneous rock, no regularity of outline, shallow basin in broad surface pitted near periphery polished or smooth in center, edges and lower surface unshaped.

No.	L. cm.	W. cm.	Th. cm.	Diam. of basin	Depth of basin	Room or House	Site	Frag.
FN 76	32.0	30.0	2.6	11.5	0.5	House A	Tumbleweed	
75	27.0	19.0	8.0	20.0	1.6	House D, floor	Tumbleweed	x
74	44.0	17.0	10.0	17.0	5.5	House A, floor	Tumbleweed	x
MA-2	20.0+	11.0+	5.0	?	?	House A, floor	Tumbleweed	x
MA-3	25.0+	17.0+	8.0	?	?	House A, floor	Tumbleweed	x
MA-4	27.0+	19.0+	1.9	1.9	?	House A, floor	Tumbleweed	x
MA-6	25.0+	25.0+	10.0	23.0	4.5	House A, floor	Tumbleweed	x
MA-7	32.0	30.0	2.0	15.0	0.8	House A, floor	Tumbleweed	
MA-8	28.0	19.0+	15.0	21.0	1.0	House A, floor	Tumbleweed	x
MA-9	29.0	24.0+	11.0	?	?	House A, floor	Tumbleweed	x
MD-10	40.0	34.0+	17.0	?	?	House D, floor	Tumbleweed	x
MD-11	26.0+	24.0+	8.0	?	4.0	House D, floor	Tumbleweed	x
88	19.9+	9.5+	6.1	?	?	Room A, fill	Thode	x

Trough open at one end only, made from large, generally oblong slabs, shelf for mano at closed end; sides of trough curve only slightly or are straight, bottom and sides of slab rough, grinding surface pecked.

MG-1 Length, 52.1 cm., width, 31.5 cm., thickness, 8 cm., length of trough, 28 cm., width, 19 cm. House A, fill Goesling

Trough type metates open at both ends, made from thick oblong slab;
some specimens with edges worked but bottom rough-hewn.

No.	L. cm.	W. cm.	Th. cm.	Diam. of basin	Depth of basin	Room or House	Site	Frag.
FN 213	43.0	36.0	8.2	?	2.0	Room 6, trench	Chilcott 1	
214	44.0	41.0	9.9	24.5	2.4	Room 4, floor	Chilcott 1	
Ch-1	37.0	26.0	5.0	20.0	1.8	Room 1, fill	Chilcott 1	
115	48.0	27.0	8.0	18.5	2.0	Room K, fill	Thode	
143	43.0	27.0	8.5	22.5	4.8	Room B, floor	Rim Valley	
RV-2	39.0	27.5	7.0	?	3.5	Room B, fill	Rim Valley	

Fragments of trough type metates too small to identify specifically

230	22.8+	17.4+	6.4		5.5	House A, trench	Goesling	x
242	13.6+	14.0+	3.7		1.6	House A, trench	Goesling	x
Ch-2	17.0+	8.0+	13.0+		9.0	House 2	Chilcott 1	x
Ch-3	12.0+	7.0+	8.0+		1.5	Room 1	Chilcott 1	x
99	27.5+	19.0+	8.5		5.0	Room C, fill	Thode	x
100	17.5+	10.2+	7.5		4.7	Room E, fill	Thode	x
112	19.8+	20.5+	12.2		3.8	Room K, fill	Thode	x
113	14.5+	9.5+	5.8		?	Room J, fill	Thode	x
RV-3	14.0+	17.5+	6.0+		2.0	Room B, fill	Rim Valley	x
184	15.0+	12.0+	4.4		2.6	Room H, fill	Rim Valley	x
188	27.0+	21.6+	3.5		?	Room B, floor	Rim Valley	x
27	20.5+	19.5+	12.5+		2.6	G.K., fill	Hooper	x
45	12.8+	10.2+	4.1		?	G.K., fill	Hooper	x

Possible fragments of slab-metates

<u>No.</u>	<u>L.</u> <u>cm.</u>	<u>W.</u> <u>cm.</u>	<u>Th.</u> <u>cm.</u>	<u>Diam.</u> <u>of</u> <u>basin</u>	<u>Depth</u> <u>of</u> <u>basin</u>	<u>Room</u> <u>or</u> <u>House</u>	<u>Site</u>	<u>Frag.</u>
FN 198	8.0+	13.4+	5.1			House 1, fill	Chilcott 2	?
91	37.5+	28.0+	8.0			Room A, fill	Thode	
RV-1	38.0+	17.5+	4.3			Room A, fill	Rim Valley	

Small Metate-like Grinding Stones

Thick slabs of stone, generally rectangular in outline with smooth slightly depressed grinding surfaces.

				<u>Width</u> <u>of</u> <u>basin</u>				
126	24.0	20.0	9.4	14.0	0.8	Room A, fill	Rim Valley	
127	33.0	18.0	10.0	13.0	1.8	Room A, fill	Rim Valley	
128	27.0	25.0	7.5	12.0	0.5	Room A, fill	Rim Valley	

Ring Slab

Sandstone slabs, roughly rectangular in outline pierced with large oval holes, broad surfaces smooth.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>		
22	13.7+	14.4+	5.1+	Great Kiva	Hooper Ranch
H-1	58.0	49.5	5.0	Great Kiva	Hooper Ranch

Dimensions of hole (one fragmentary): L., 19 cm.; W., 15 cm.

Worked Slab Fragments

Fragments of slabs with edges and broad surface worked.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Room or House</u>	<u>Site</u>
47	18.0+	17.5+	3.6	G.K., floor	Hooper Ranch
231	25.3+	15.5+	1.4	House A, floor	Goesling
232	25.2+	19.7+	1.7	House A, floor	Goesling

Axe Grinding Slabs

Rough, thick slab or block with broad shallow groove(s) in one surface.

46	30.5	21.0	7.5	G.K., fill	Hooper Ranch
			Depth of groove: 0.3 cm.		
RV-4	26.5	20.5	8.2	Room A, fill	Rim Valley
			Two grooves widths: 10.7 cm., 7.1 cm.		
RV-5	24.3	18.5	8.7	Room A, fill	Rim Valley
			Width of groove: 10.1 cm.		
RV-6	33.8	18.8	8.8	Room A, fill	Rim Valley
			Width of groove: 12.2 cm.		
RV-7	32.5	16.1	10.2	Room A, fill	Rim Valley
			Width of groove: 11.5 cm.		
RV-8	38.0	21.0	12.0	Room B, fill	Rim Valley
			Width of groove: 12.1 cm.		
RV-9	33.0	23.0	11.0	Room B, fill	Rim Valley
			Width of groove: 13.0 cm.		
RV-10	30.0	25.0	10.0	Room F, fill	Rim Valley
			Width of groove: ?		
189	35.0	25.0	2.5	Room B, floor	Rim Valley
			Width of groove: ?		

Mortar Fragments

Slab and rounded stones with cup-shaped cavity in one surface.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Kind</u>	<u>Cup W.</u>	<u>Cup Depth</u>	<u>Room or House</u>	<u>Site</u>
280435	9.7+	10.6	4.5	Pebble	7.0	1.8	G.K., fill	Hooper Ranch
280448	15.8	14.3	4.1	Slab	10.7	0.8	G.K., fill	Hooper Ranch
172	9.8+	9.5+	8.0	Pebble	?	7.0	Room F, fill	Rim Valley
173	13.0+	13.0	8.3	Pebble	9.0	4.0	Room K, fill	Rim Valley
RV-11	29.5	15.9	9.2	Slab	5.0	1.5	Room A, fill	Rim Valley
114	28.0	19.0	13.5	Pebble	?	5.0	Room K, fill	Thode
225	15.0+	9.5+	7.5	Pebble	?	2.8	House A, fill	Goesling

Materials: Vesicular basalt, sandstone

Grooved Abrading Stones

Small, coarse-grained oblong piece of sandstone with single longitudinal groove in one surface.

280449	5.1	3.5	2.7				G.K., floor	Hooper Ranch
				Width of groove: 1.1 cm.; depth: 0.3 cm.				

Small Abrading Stone

Small rectangular block of coarse scoriaceous basalt, surfaces and edges worked.

280485	4.2	3.0	2.0				G.K., floor	Hooper Ranch
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Pot Cover

Sandstone discs with edges spalled off, both surfaces flat, one surface smoother than the other.

34	Diameter:	16.2 cm.;	thickness:	2.3 cm.	G.K., floor	Hooper Ranch
240	"	9.8 cm.;	"	1.1 cm.	H. A, fill	Goesling

Medicine Cylinders

Rough cylindrical stones, two specimens taper toward one end. All vesicular basalt.

280432	L., 7.1 cm.;	W., 3.1 cm.;	Th., 3.6 cm.	G.K., fill	Hooper Ranch
280468	L., 4.0 cm.;	W., 1.7 cm.;	Th., 1.7 cm.	G.K., floor	Hooper Ranch
280488	L., 6.6 cm.;	W., 2.8 cm.;	Th., 2.3 cm.	G.K., fill	Hooper Ranch
280749	L., 7.1 cm.;	W., 3.0 cm.;	Th., 2.3 cm.	Rm B, floor	Rim Valley
101	L., 7.6 cm.;	W., 4.4 cm.;	Th., 4.4 cm.	Rm E, fill	Thode

Axe

Three-quarters-grooved type, groove located above middle, medium long bit, poll end, sides and edges almost flat; blade and other broad surfaces polished. Made from basalt stone.

280728	L., 13.2 cm.;	W., 7.0 cm.;	Th., 4.9 cm.	Rm A, floor	Rim Valley
	Width of groove: 2.1 cm.;		Depth: 0.4 cm.		

Maul

Roughly rectangular in outline; sides and one end almost flat, edges taper toward ends; deep full groove around middle; one end battered, the other rounded; all surfaces pecked. Made from basalt stone.

280757 L., 12.0 cm.; W., 7.5 cm.; Th., 5.8 cm. Rm J, fill Rim Valley
Width of groove: 2.0 cm.; depth: 0.6 cm.

Arrow Shaft Tool

Thin, roughly rectangular basalt pebble with longitudinal groove pecked in one surface.

280450 L., 6.5 cm.; W., 5.6 cm.; Th., 1.6 cm. G.K., floor Hooper Ranch

"Sacred" Stone Anthropomorphic Image

Human figure carved with left arm upraised and bent at elbow, legs spread out and bent at knees; nose, chin, hands and feet carved in relief; mouth and vulva sculptured out; hair and eyes painted in black, left eye lower than right and diamond shaped; front of body, face and limbs yellow, hands black bordered by red stripe at wrist; feet bordered by red and black stripes at ankles; right arm missing (old break); front of body decorated with vertical stripes in following sequence: (from figure's left side to its right side) blue-green, red, black, yellow, blue-green, black, blue-green, yellow, black, red, blue-green. (Catalogue No. 280951)

Dimensions: Length, 19.6 cm.; width, 13.3 cm.; thickness, 1.8 cm.

Material: Sandstone

Location: Crypt, southwest quadrant floor, Great Kiva, Hooper Ranch Pueblo.

Hammerstones

Battered and pitted rounded and angular pebbles.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Shape</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
21	6.5	6.0	4.8	Angular		G.K., fill	Hooper Ranch
23	5.9	5.0	4.2	Angular	Basalt	G.K., fill	Hooper Ranch
39	9.0	8.9	7.1	Angular		G.K., floor	Hooper Ranch
40	8.5	6.6	6.0	Angular		G.K., floor	Hooper Ranch
41	9.1	9.2	6.1	Ovoid		G.K., floor	Hooper Ranch
42	6.3	6.2	4.5	Angular		G.K., floor	Hooper Ranch
43	6.5	4.5	4.4	Angular		G.K., floor	Hooper Ranch
44	9.4	7.9	6.4	Rounded		G.K., floor	Hooper Ranch
48	7.5	6.6	6.4	Angular		G.K., fill	Hooper Ranch
156	7.7	6.7	5.0	Rounded		Rm B, floor	Rim Valley
157	7.7	6.8	4.5	Rounded		Rm B, floor	Rim Valley
174	10.2	10.0	8.2	Rounded		Rm B, floor	Rim Valley
175	11.5	11.0	9.0			Rm B, floor	Rim Valley
182	9.7	8.5	6.3	Rough		Rm B, floor	Rim Valley
217	6.3	5.8	4.9	Oval		H. A, fill	Goesling
227	10.5	9.7	5.0	Oval		H. B, fill	Goesling
280569	6.3	5.3	4.6	Angular	Basalt	H. A, floor	Tumbleweed
56	7.3	6.1	5.3	Round	Basalt	H. A, fill	Tumbleweed
57	7.1	6.5	3.1	Oval		PH E, fill	Tumbleweed

Hammerstones (continued)

Battered and pitted rounded and angular pebbles.

No.	L.	W.	Th.	Shape	Material	Room or House	Site
62	9.1	7.1	6.5	Angular	Quartzite	H. A, floor	Tumbleweed
64	8.1	7.2	4.9			H. B, fill	Tumbleweed
65	9.0	9.0	9.0	Round	Quartz	Surface	Tumbleweed
66	9.5	9.0	7.5	Angular	Quartzite	Surface	Tumbleweed
67	7.8	6.6	6.2			Surface	Tumbleweed
69	8.9	7.1	7.0	Angular	Aggregate of quartz	H. A, floor	Tumbleweed
71	7.4	5.6	4.6			H. A, floor	Tumbleweed
72	11.4	7.3	5.7	Rounded	Quartzite	H. A, floor	Tumbleweed
73	14.2	11.7	9.1			H. A, floor	Tumbleweed

Smooth Saw

Square-cornered fragment of small calcareous sandstone slab, wedge-shaped in cross-section, surfaces and edges ground smooth, one edge sharp.

280464	6.4	4.8	0.9		Sandstone	G.K., floor	Hooper Ranch
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Projectile Points

Small side notched points mostly triangular in outline, expanding base wider than shoulder.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
280874	1.6+	1.2	0.1	Obsidian	H. A, fill	Goesling
280675	2.0	1.2	0.3	Chert	Rm D, fill	Thode
280426	2.1	1.1	0.2	Chert	G.K., fill	Hooper
280442	1.4	1.0	0.1	Chert	G.K., floor	Hooper
280453	2.0	1.0	0.2	Obsidian	G.K., floor	Hooper
280455	1.8	1.1	0.2	Chalcedony	G.K., floor	Hooper

Medium-sized lateral notched points

280944	3.0+	1.7	0.5	Chalcedony	Rm 5, floor	Chilcott 1
280736	1.8+	1.7	0.6	Chert	Rm A, floor	Rim Valley

Large-sized lateral notched points

280873	3.5+	2.8	0.6	Chert	House A, fill	Goesling
280948	5.6	2.7	0.5	Quartzite	House A, fill	Goesling
280688	5.0	2.1	0.7	Chert	Rm F, fill	Thode

Diagonal notched, expanding base narrower than shoulder.

280943	5.2	2.0	0.3	Chert	Rm 3, fill	Chilcott 1
280816	3.2+	1.7	0.5	Chert	Rm 2, fill	Chilcott 3
280947	4.1	2.1	0.4	Chert	Surface	Chilcott 2
280446	4.0	1.8	0.5	Chert	G.K., floor	Hooper

Projectile Points (continued)

Miscellaneous notched and shouldered points. Stemmed indented base.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
280452	3.2+	1.7	0.6	Chert	G.K., floor	Hooper

Long straight base with parallel sides

280689	3.6+	2.0	0.6	Chert	Rm C, fill	Thode
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Small rounded stem, shallow notches, rounded blade, no shoulders

280875	5.6	3.1	0.6	Fine grained H. A, fill basalt		Goesling
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Diagonal notched, expanding base narrower than shoulders, broad blade with convex edges.

280710	4.4	2.1	0.7	Chalcedony	H. A, fill	Tumbleweed
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Diagonal notched, expanding base narrower than shoulder, blade short and broad.

280640	2.5	2.7	0.3	Chert	Surface	Tumbleweed
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Corner notched, short straight stem with parallel sides. Triangular blade.

280596	3.7	2.2	0.5	Chert	H. B, fill	Tumbleweed
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Shallow lateral notched, expanding base wider than shoulder.

280590	3.0	1.6	0.9	Chert	H. D, fill	Tumbleweed
280502	3.8	1.5	0.8	Chert	Surface	

Blades

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
Leaf-shaped or triangular blades or tips without notches.						
280626	2.8+	2.5	0.6	Chert	Pit F, fill	Tumbleweed
280629-1	2.0+	3.0	0.6	Chert	House A, fill	Tumbleweed
280629-2	2.9+	2.9	0.7	Chert	House A, fill	Tumbleweed
280634	4.4	2.0	0.6	Chert	Pit C, surface	Tumbleweed
280638	5.8+	3.0	1.0	Chert	Surface	Tumbleweed
280639	4.5+	2.6	0.7	Chert	Surface	Tumbleweed
280641	3.3+	1.9	0.4	Chert	Surface	Tumbleweed
280642	3.1	2.3	0.5	Chert ⁽¹⁾	Surface	Tumbleweed
280643	4.7	2.9	1.9	Chert	Surface	Tumbleweed
280644	2.9+	2.0	0.6	Chert	Surface	Tumbleweed
280645-1	2.6+	1.7	0.5	Chert	Surface	Tumbleweed
280645-2	2.8+	2.3	0.5	Chert	Surface	Tumbleweed
280664-1	2.7+	1.8	0.5	Chert ⁽²⁾	House A, floor	Tumbleweed
280664-2	1.9+	1.6	0.3	Chert ⁽²⁾	House A, floor	Tumbleweed
280664-3	2.0+	1.2	0.3	Chert ⁽²⁾	House A, floor	Tumbleweed
280666	2.1+	1.4	0.3	Chert	House B, surface	Tumbleweed
280674	3.1+	1.9	0.4	Chert ⁽²⁾	Surface	Tumbleweed
280711	2.3+	2.6	0.4	Chert ⁽³⁾	House D, fill	Tumbleweed
280902	4.1+	2.6	0.7 ⁽²⁾	Chalcedony	Pithouse A, fill	Goesling
280886	3.4+	1.9	0.7	Chert ⁽⁴⁾	Pithouse A, Fl.1	Goesling
280787	5.9+	3.0	1.2	Chert	Room 1	Chilcott 1
280798	3.5	2.9	0.6	Chalcedony	Room 2	Chilcott 2

(1)=triangular; (2)=tip; (3)=base; (4)=drill?.

Blades (continued)

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
280800-1	3.8+	2.3	0.9	Chert	Room 2,fill	Chilcott 1
280800-2	3.2+	2.4	0.6	Chalcedony	Room 2,fill	Chilcott 1
280505	5.4	2.1+	0.8	Chert	House C,trench	Tumbleweed
280506	2.8+	3.1	0.6	Chert	House C,trench	Tumbleweed
280507	2.8+	2.4+	0.3	Chert	House C,trench	Tumbleweed
280509	3.2	2.5	0.3	Chert ⁽¹⁾	House C,trench	Tumbleweed
280510	2.1+	1.9	0.3	Chert	House C,trench	Tumbleweed
280522	3.0	2.6	0.3	Chert ⁽¹⁾	House C,trench	Tumbleweed
280533	4.1	1.5	0.5	Chert ⁽²⁾	House A,trench	Tumbleweed
280534	1.9+	3.1	0.6	Chert ⁽³⁾	House A,trench	Tumbleweed
280556	3.8	2.6	1.0	Chert ⁽⁴⁾	House A,fill	Tumbleweed
280557	2.0+	1.9	0.5	Chalcedony	House A,fill	Tumbleweed
280559	3.8+	2.1	1.8	Chert	House A,floor	Tumbleweed
280564	3.4	1.7	0.6	Chert	House D,fill	Tumbleweed
280573	4.5	3.0	1.1	Chert	House C,floor	Tumbleweed
280582	1.5	1.2	0.3	Red chert	House D,surface	Tumbleweed
280587	3.1	2.1	0.7	Chert ⁽¹⁾	House D,fill	Tumbleweed
280588	3.1	2.1	0.7	Chert ⁽⁴⁾	House D,fill	Tumbleweed
280589	2.5	2.1	1.5	Chert	House D,fill	Tumbleweed
280592	1.7+	2.4	0.3	Chert ⁽⁵⁾	House D,fill	Tumbleweed
280591	2.1+	2.5	1.0	Chert ⁽⁵⁾	House D,fill	Tumbleweed
280595	3.5+	2.5	0.5	Chalcedony ⁽⁵⁾	House B,fill	Tumbleweed
280602	2.0+	1.1+	0.3	Obsidian	House B,fill	Tumbleweed
280612	1.7+	1.5+	0.4	Chert	House B,fill	Tumbleweed

(1)=triangular; (2)=drill-like; (3)=straight base; (4)=convex base;
(5)=base.

Blades (continued)

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
280616	3.1+	2.1	0.5	Chert	House B,fill	Tumbleweed
280622	2.7+	2.3	0.4	Chert	House D,floor	Tumbleweed
280747	2.9+	2.5	0.6	Chert ⁽¹⁾	Room H,fill	Rim Valley
280752	3.9	2.4	0.8	Chert	Room F,fill	Rim Valley
280721	4.8+	2.4	0.7	Chalcedony	Room A,fill	Rim Valley
280732	3.3+	2.1	0.8	Red chert	Room C,fill	Rim Valley
280469	3.7	3.1	1.4	Chert	Gr.Kiva,floor	Hooper
280445	2.3	1.6	0.4	Chert	Gr.Kiva,floor	Hooper
280489	1.4+	0.7+	1.3	Obsidian ⁽²⁾	Gr.K.,deflector	Hooper
280451	4.9	3.0	0.8	Chert	Gr.Kiva,floor	Hooper
280458	2.5+	1.7	0.5	Chert	Gr.Kiva,fill	Hooper
280467	3.1+	2.5	0.9	Chert	Gr.Kiva,floor	Hooper

(1)=base; (2)=tip.

Drills

Major portion of shaft from drill of plain shafted type, point broken off.

No.	L.	W.	Th.	Material	Room of House	Site
280893	4.3	1.4	0.7	Chert	House A, trench	Goesling
Slender points with secondary chipping mostly from one surface tapering from broad bases.						
280927	3.2	1.6	0.7	Chert	House A, floor 1	Goesling
280837	4.2	3.0	0.7	Chert	Room 4, floor	Chilcott 1
280743	3.6	2.2	0.5	Fine grained basalt	Room B, floor	Rim Valley
280436	3.1	1.3	0.3	Chalcedony	Gr. Kiva, trench	Hooper
280479	4.1	2.9	1.3	Chalcedony	Gr. Kiva, floor	Hooper

Saws

Thin flakes with one margin chipped into series of deep notches to form serrate cutting edge.

280725	3.0	2.8	0.8	Chert	Room C, fill	Rim Valley
280486	3.9	2.1	0.4	Chert	Gr. Kiva, lateral entry	Hooper

UTILIZED FLAKE KNIVES

Small thin random flakes; no regularity of outline; secondary chipping, (possibly from use) along one edge.

Occurrence: Houses A, B, D fill, Houses A, D floor, Pits C, F fill, Tumbleweed Canyon Site (120); Pithouse A fill and floors, Goesling Site (5); Rooms 1, 2, 3, 4, 5, 6, fill, Room 5 below floor, Chilcott Site 1 (44); House 2, fill, Chilcott Site 3 (6); Trench B, House 1, fill, Chilcott Site 2 (9); Rooms A, B, C, D, E, F, I, J fill, Thode Site (36); Rooms A, B, D, E, F, G, I, Plaza, fill; Rooms A, B, I, floors; Rooms A, B, C, H, below floors, Rim Valley Pueblo (32); Great Kiva, fill and floor, Hooper Ranch Pueblo (14).

Dimensions: Length, 2.0-6.3 cm., average, 3.6 cm.; width, 1.0-3.6 cm., average, 2.5 cm.; thickness, 0.2-1.2 cm., average, 0.7 cm.

Materials: Chert, chalcedony, jasper, fine grained basalt, fine grained quartzite, felsite.

Small Scrapers (116)

Small rough thick flakes with some secondary chipping at a steep angle along one or more edges, generally plano-convex in cross-section, convex surface shaped by percussion flaking.

Occurrence: Kive III fill, floor and bench, Room 14 trench, Hooper Ranch Pueblo (29); Houses A, B, D fill, surface; Houses A, D floor, Pit E, fill, Pit C, fill, floor, Tumbleweed Canyon Site (64); Room A, fill, Thode Site (1); Rooms A, B fill; Rooms B, G, I floor, Rim Valley Pueblo (4); Rooms 1-6, fill, Room 4 floor, Chilcott Site 1 (12); Rooms 1, 2 fill, Chilcott Site 2 (2); Room 2 fill, Chilcott Site 3 (2); House A, fill, Goesling Site (2).

Dimensions: Length, 2.0-7.0 cm.; average, 4.0 cm.; width, 1.6-5.7 cm.; average, 3.1 cm.; thickness, 0.4-4.0 cm.; average, 1.2 cm.

Materials: Chert, chalcedony, fine grained basalt, quartzite.

Large Scrapers (9)

Large, rough thick angular specimens, generally plano-convex in cross-section with steep secondary chipping along one edge.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
FN 37	10.3	8.2	4.1		Kiva III, floor	Hooper Ranch
280609	7.4	3.8	2.2	Chert	House B, fill	Tumbleweed
280610	8.7	6.0	3.0	Chert	House B, fill	Tumbleweed
280656	7.7	5.4	2.5	Chert	Surface	Tumbleweed
FN 159	11.5	8.0	2.3		Room B, floor	Rim Valley
280726	7.4	6.3	3.6	Felsite	Room A, fill	Rim Valley
280727	7.5	6.8	2.9	Quartzite	Room A, fill	Rim Valley
280748	8.5	7.1	2.1	Quartzite	Room B, floor	Rim Valley
280847	8.5	7.6	1.8	Chert	Room 3, fill	Chilcott Site 1

Choppers

Uniface type with margin steeply chipped from one surface to form cutting edge, part of original natural surface left for grip.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>Room or House</u>	<u>Site</u>
280611	8.3	7.2	4.1	Quartzite	Pithouse B,fill	Tumbleweed
280633	8.4	6.7	3.7	Chert	Surface	Tumbleweed
280882	9.1	8.1	3.2	Felsite	House A	Goesling
FN 36	7.2	6.4	4.9	Basalt	Gr.Kiva,floor	Hooper Ranch
38	8.2	6.1	3.5		Gr.Kiva,fill	Hooper Ranch

Biface type, large thick implement bifacially chipped along one margin to form cutting edge.

280750	8.2	6.5	6.2	Basalt	Room B,fill	Rim Valley
FN 154	9.2	7.5	4.8	Quartzite	Room B,floor	Rim Valley
35	9.8	9.1	2.9		Gr.Kiva,floor	Hooper Ranch

Pendant

Small tabular pendant, hole drilled through near one end rectangular with rounded corners in outline, one specimen oval in outline.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Material</u>	<u>House or Room</u>	<u>Site</u>
280922	1.1	1.0	0.1	Turquoise	House A,fill	Goesling
280934	2.6	1.7	0.5	Clam shell	House A,floor	Goesling
280425	0.7 [*]	0.8	0.2	Turquoise	Gr.Kiva,fill	Hooper Ranch
280500	2.9	1.5	0.2	Bone	Gr.Kiva,floor	Hooper Ranch

Beads

Disc type beads, 5 black, 3 white, 1 blue-green

	<u>Diameter</u>	<u>Th.</u>			
280952	0.3	0.1	Jet	Gr.Kiva	Hooper Ranch
	0.4	0.15	Shell	Gr.Kiva	Hooper Ranch
	0.45	0.3	Turquoise	Gr.Kiva	Hooper Ranch

Olivella shells with ends ground off so that shells could be strung.

	<u>L.</u>	<u>Diameter</u>			
280952	0.45	0.3	Olivella	Gr.Kiva	Hooper Ranch
	0.8	0.6	Olivella	Gr.Kiva	Hooper Ranch

Bracelet fragments

Thin curved section of bivalve shell (*Glycymeris*), almost as wide as high, three specimens rectangular in cross section, one triangular in cross section, one specimen with umb of shell.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Room or House</u>	<u>Site</u>
280881	4.0+	0.3	0.2	Pithouse A,fill	Goesling Ranch
280887	3.1+	0.4	0.2	Pithouse A,floor	Goesling Ranch
280920	4.0+	0.5	0.3	Pithouse A,fill	Goesling Ranch
280932	3.9	0.9	0.4	Pithouse A,floor	Goesling Ranch

Shell Ring

Thin curved section of small bivalve shell, rectangular in cross section

280933	1.8+	0.3	0.2	Pithouse A,floor	Goesling Ranch
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Ring Material

Hollow condyle section of long bone with deep groove encircling one end

280463	6.7	3.4	2.6	Gr.Kiva	Hooper Ranch
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Conus Tinkler

Conus shell, hollow cone shaped with notch cut near smaller end for string to pass through.

<u>No.</u>	<u>L.</u>	<u>Diameter</u>	<u>Room or House</u>	<u>Site</u>
280444	3.3	1.3	Gr.Kiva,fill	Hooper Ranch

Cut Shell

Semi-circular fragment with deeply notched serrate edge.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>		
280950	1.3	0.9	.05	Room 1	Chilcott 1

Tablets

Thin, smooth tablets with straight edges, one specimen with shallow groove encircling one end.

280734	3.1	2.6	0.5	Room A, floor	Rim Valley
280735	3.0	2.6	0.3	Room A, floor	Rim Valley
280760	4.3	4.3	0.4	Room J, firepit	Rim Valley

Bone Awls

Ulna type, head of bone intact, other end ground and polished to point, notch worn near tip.

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Room or House</u>	<u>Site</u>
280443	9.5	3.2	1.8	Gr.Kiva, floor	Hooper Ranch

Head of bone intact except for splitting, other end cut, ground and polished to sharp point.

280918	9.2	2.0	1.4	Pithouse A, fill	Goesling
280867	12.0	1.1	0.8	Pithouse A, fill	Goesling
280866	12.3	1.1	1.1	Pithouse A, fill	Goesling
280731	13.7	1.6	0.7	Room B, floor	Rim Valley
280770-1	7.8	2.0	1.1	Room J, fill	Rim Valley
280770-2	7.8	2.0	1.5	Room J, fill	Rim Valley

Made from bone splinters with one end ground and polished to a sharp point.

280919	7.3	0.9	0.6	Pithouse A, fill	Goesling
280709	9.7	1.4	0.7	Room A, floor	Thode

Head of bone partly worked down, other end ground and polished to point, made from split bone.

280868	7.1	1.1	0.6	Pithouse A, fill	Goesling
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Tips and Fragments of Bone Awls

<u>No.</u>	<u>L.</u>	<u>W.</u>	<u>Th.</u>	<u>Room or House</u>	<u>Site</u>
280865	12.8+	1.3	0.6	Pithouse A, fill	Goesling
280869	5.3+	1.0	0.6	Pithouse A, fill	Goesling
280870	5.6+	1.0	0.3	Pithouse A, fill	Goesling
280871	8.7+	1.2	0.3	Pithouse A, fill	Goesling
280872	5.4+	0.7	0.5	Pithouse A, fill	Goesling
280888	3.4+	0.7	0.4	Pithouse A, floor	Goesling
280894	3.9+	0.8	0.6	Pithouse A, trench	Goesling
280929	8.5+	0.5	0.5	Pithouse A, floor	Goesling
280729	5.7+	0.8	0.3	Room A, floor	Rim Valley

Decorated Bodkin Tip

Flat, blunt point, tapered evenly to broad end, incised with zig-zag line.

280758 5.8 1.5 0.4 Room H, below floor Rim Valley

Decorated Bone Fragment

Scrap of bone with negative lightning design in pattern of incised lines and dots.

280484 4.5 1.0 0.3 Gr.Kiva, floor Hooper Ranch

Modeled Clay Spindle Whorls

Pulley-shaped resembling a spool for thread. Fired a gray color.

<u>No.</u>	<u>Height</u>	<u>Diameter</u>	<u>Diameter waist</u>	<u>Room or House</u>	<u>Site</u>
280942-1	3.2	2.8	2.0	Room 3, fill	Chilcott 1
280942-2	2.8	2.6	1.4	Room 3, fill	Chilcott 1

Worked Sherds

Spindle whorl type, circular outline, hole drilled through near center.

	<u>Diameter</u>	<u>Th.</u>	<u>Pottery type</u>		
280917	3.2	0.3	Kiatuthlanna B/W	Pithouse A, fill	Goesling
280915	4.1	0.5	Reserve Smudged	P.H. A, fill	Goesling
280891	4.1	0.4	Kiatuthlanna B/W	P.H. A, trench	Goesling
280890	3.4	0.5	Kiatuthlanna B/W	P.H. A, trench	Goesling
280879	5.4	0.6	Red Mesa B/W	P.H. A, fill	Goesling
280878	5.0	0.4	Indeterminate B/W	P.H. A, fill	Goesling
280877	3.4	0.4	Lino Gray	P.H. A, fill	Goesling
280680	5.7	0.5	Indeterminate B/W	Room A, fill	Thode
280447	4.1	0.5	Indented Corrug.	Gr.Kiva, entry	Hooper
280439	4.9+	0.6	Reserve Smudged	Gr.Kiva, fill	Hooper

Worked Sherds (continued)

Disc-shaped sherds, edges ground smooth

<u>No.</u>	<u>Diam.</u>	<u>Th.</u>	<u>Pottery type</u>	<u>Room or House</u>	<u>Site</u>
280930	4.3	0.3	Kiatuthlanna B/W	P.H. A, floor	Goesling
280926	4.0	0.7	Kiatuthlanna B/W	P.H. A, floor	Goesling
280925	4.1	0.5	Lino Gray	P.H. A, floor	Goesling
280916	2.4	0.3	Indeterminate B/W	P.H.A, fill	Goesling
280914	5.0	0.7	Lino Gray	P.H. A, fill	Goesling
280913	5.6	0.6	Indeterminate B/W	P.H. A, fill	Goesling
280912	5.1	0.6	Lino Gray	P.H. A, fill	Goesling
280911	4.7	0.4	Kiatuthlanna B/W	P.H. A, fill	Goesling
280910-1	5.2	0.5	Kiatuthlanna B/W	P.H. A, fill	Goesling
280910-2	5.3	0.5	Kiatuthlanna B/W	P.H. A, fill	Goesling
280909	4.8	0.5	Kiatuthlanna B/W	P.H. A, fill	Goesling
280904	4.4	0.5	Kiatuthlanna B/W	P.H. A, fill	Goesling
280899	4.6	0.5	Kiatuthlanna B/W	P.H. A, fill	Goesling
280898	5.4	0.5	Kiatuthlanna B/W	P.H. A, fill	Goesling
280892	4.1	0.5	Forestdale Smudged	P.H. A, trench	Goesling
280885-1	4.6	0.4	Woodruff Smudged	P.H. A, floor	Goesling
280885-2	4.4	0.5	Woodruff Smudged	P.H. A, floor	Goesling
280884	4.6	0.4	Kiatuthlanna B/W	P.H. A, floor	Goesling
280876-1	2.7	0.6	Woodruff Smudged	P.H. A, fill	Goesling
280876-2	4.5	0.5	Woodruff Smudged	P.H. A, fill	Goesling
280860	3.4	0.5	Indented Corrug.	P.H. A, fill	Goesling 2
280793	3.6	0.5	Indeterminate B/W	Room 2, fill	Chilcott 2
280433	6.0	0.5	Indeterminate B/W	Gr.Kiva, fill	Hooper

Worked Sherds (continued)

Fragments with curved edges ground smooth

<u>No.</u>	<u>L.</u>	<u>Th.</u>	<u>Pottery type</u>	<u>Room or House</u>	<u>Site</u>
280924	5.0+	0.5	Indeterminate B/W	P.H. A, floor	Goesling
280923	9.1+	0.5	Kiatuthlanna B/W	P.H. A, floor	Goesling
280897	4.0	0.4	Forestdale Smudged	P.H. A, floor	Goesling
280896	6.6	0.6	Kiatuthlanna B/W	P.H. A, floor	Goesling
280895	12.7	0.4	Kiatuthlanna B/W	P.H. A, floor	Goesling
280880	7.2	0.6	Kiatuthlanna B/W	P.H. A, fill	Goesling
280836	7.8	0.6	Indeterminate B/W	Room 4, floor	Chilcott 1
280790	5.2	0.4	Snowflake B/W	Room 3, fill	Chilcott 1
280724	5.1	0.7	McDonald Corrugated	Plaza, fill	Rim Valley
280722	5.5	0.6	Woodruff Smudged	Room B, fill	Rim Valley

Oval in outline, edges ground smooth

280946	4.3	0.6	Indeterminate B/W	Room 6, trench	Chilcott 1
280945	11.9	0.5	Reserve B/W	Room 6, trench	Chilcott 1
280931	5.2	0.7	Red Mesa B/W	P.H. A, floor	Goesling
280908	3.6	0.4	San Francisco Red	P.H. A, fill	Goesling
280901	2.7	0.6	Alma Plain	P.H. A, fill	Goesling
280900	5.6	0.5	Kiatuthlanna B/W	P.H. A, fill	Goesling
280438	8.8	0.5	Tularosa B/W	Gr.Kiva, fill	Hooper

Miscellaneous shapes

280839	5.5	0.5	Reserve B/W, triangle	Room 4, fill	Chilcott 1
280827	3.9	0.4	Indeterminate B/W	Room 3, below fl	Chilcott 1
280820	11.9	0.5	Indeterminate B/W	Room 2, fill	Chilcott 1
280789	5.1	0.4	Indeterminate B/W	Room 3, fill	Chilcott 1
280492	4.3	0.8	Plain Corrugated	Gr.Kiva, fill	Hooper

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-108

Location: S.W. $\frac{1}{4}$ Section 16 Twp. 12N Range 25E

Type: Rectangular Pueblo

General Setting: Small basalt boulder ruin located on top a small knoll. Cover is sparse grass and juniper. It lies approximately one hundred yards north-west of the Rethon house on their ranch. There is little evidence on the surface as to the type of architecture. There is a small wash near the site.

Area: Mesa Redonda-Concho

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Four to seven rooms

Pottery Group: III, IV, and V

Artifacts: Two scrapers, two flake saws, three random flake knives, one basal fragment of a drill

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-109

Location: S.W.¼

Section 9

Twp. 12N

Range 25E

Type: Rectangular Pueblo

General Setting: Sandstone rectangular pueblo located on top a small knoll. Present cover is sparse grass and juniper. The area is quite sandy. This site lies about three hundred yards northeast of LS-28. A small arroyo is located approximately twenty-five yards west of the ruin. A child burial was washing out of the arroyo when the site was visited (July 1960).

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Ten to fifteen rooms

Pottery Group: III, IV, and V

Artifacts: Two scrapers, one large flake saw, one basal fragment of blade

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-110

Location: N.E. $\frac{1}{4}$

Section 35

Twp. 10N

Range 24E

Type: Rectangular Pueblo

General Setting: Small Pueblo located on the east slope of Eck Mountain, almost up to the top. Little surface pottery was noted. Present cover is grass and pine. LS-110 is 0.1 mile north on the mountain side of LS-111.

Area: Vernon - Eck Mountain

Drainage: Little Colorado River

Water Supply: ? - possible springs

No. of Rooms or Houses: Five rooms

Pottery Group: IV

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-111

Location: N.E. $\frac{1}{4}$

Section 35

Twp. 10N

Range 24E

Type: Rectangular Pueblo

General Setting: Rectangular pueblo located approximately three-quarters of the way up the east slope (north end) of Eck Mountain. Present cover is grass and pine. Walls consist of basalt boulders with smaller stones and mud.

Area: Vernon - Eck Mountain

Drainage: Little Colorado River

Water Supply: ? - possible springs

No. of Rooms or Houses: About fifteen rooms

Pottery Group: III, IV, and V

Artifacts: One mano frag (rect., one surface); three random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-112

Location: S.W. $\frac{1}{4}$ Section 8 Twp. 7N Range 24E

Type: Rectangular Pueblo

General Setting: Basalt boulder and sandstone rectangular pueblo located on top a small knoll. The Big Diamond River flows about one-half mile east of the site. Present cover is grass, juniper, and pine. The ruin is large, probably thirty to forty rooms. On the northwest side of the ruin, there appears to be a thirty foot square Kiva outlined by basalt boulders.

Area: Whiteriver

Drainage: Diamond River

Water Supply: Big Diamond River

No. of Rooms or Houses: Thirty to forty rooms

Pottery Group: IV and V

Artifacts: Five random flake knives; two scrapers; one glade

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-113

Location: S.W. $\frac{1}{4}$ Section 8 Twp. 7N Range 24E

Type: Rectangular Pueblo

General Setting: Small basalt boulder and sandstone ruin located on top a knoll just fifty yards west of LS-112. Present cover is pine and sparse grass. Little surface pottery was noted. The Big Diamond River flows about one-half mile east of the site.

Area: Whiteriver

Drainage: Diamond River

Water Supply: Big Diamond River

No. of Rooms or Houses: Five to seven rooms

Pottery Group: IV

Artifacts: Nine scrapers; eleven random flake knives; one rubbing stone

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-114

Location: N.W. $\frac{1}{4}$ Section 33 Twp. 8N Range 24E

Type: Rectangular Pueblo

General Setting: Large basalt boulder ruin located on top a low knoll overlooking an arroyo. Several large Junipers are growing out of the ruin. Present cover is grass, juniper, pine, and some oak. Several Century Plants are growing on the site; these plants are not native to this altitude (7000').

Area: Whiteriver

Drainage: Diamond River

Water Supply: Arroyo

No. of Rooms or Houses: Twenty-five to thirty rooms

Pottery Group: IV

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-115

Location: N.E. $\frac{1}{4}$ Section 34 Twp. 8N Range 24E

Type: Rectangular Pueblo

General Setting: Large basalt boulder ruin on top a high knoll. The knoll overlooks a wash which is about twenty-five yards west of the ruin. No Kiva was discerned on this site. Present cover is grass, juniper, and pine. The area is quite rocky, for the most part with basalt boulders.

Area: Whiteriver

Drainage: Diamond River

Water Supply: Arroyo

No. of Rooms or Houses: Thirty to forty rooms

Pottery Group: IV

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-116

Location: S.E. $\frac{1}{4}$ Section 27 Twp. 8N Range 24E

Type: Rectangular Pueblo

General Setting: Basalt boulder ruin located on a small knoll approximately fifty yards north of LS-115. The knoll overlooks an arroyo. Present cover includes grass, pine, and juniper. No Kiva was noted on this site. The area is quite rocky, consisting mainly of basalt boulders.

Area: White River

Drainage: Diamond River

Water Supply: Arroyo

No. of Rooms or Houses: Fifteen to twenty rooms

Pottery Group: IV

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-117

Location: Center Section 35 Twp. 9N Range 22E

Type: Rectangular Pueblo

General Setting: Sandstone ruin, on a slope just below a sandstone outcropping. The ruin overlooks a wash approximately fifty yards south of the site. This ruin has been bulldozed. Present cover is grass and juniper.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: About fifteen rooms

Pottery Group: III and IV

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-118

Location: N.E. $\frac{1}{4}$ Section 34 Twp. 9N Range 22E

Type: "L"-Shaped Pueblo

General Setting: Sandstone "L"-shaped pueblo located on the side of a slope. The slope leads to an arroyo approximately fifty yards south of the ruin. Present cover is sparse grass and pine. The ruin is fifty feet north of the Dry Valley Road, 0.5 miles south of LS-117.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Eight to ten rooms

Pottery Group: IV

Artifacts: Three random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-119

Location: S.E. $\frac{1}{4}$ S.E. $\frac{1}{4}$ Section 3 Twp. 8N Range 22E

Type: Rectangular Pueblo

General Setting: Small sandstone rectangular pueblo on the side of a low hill. Present cover is grass and pine. The site lies just south of an arroyo.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Eight to ten rooms

Pottery Group: IV

Artifacts: Five random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-120

Location: N.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 10 Twp. 8N Range 22E

Type: Rectangular Pueblo

General Setting: Small Sandstone ruin located on top a small hill. Present cover is sparse grass and pine. This ruin has been bulldozed and little information could be had from surface survey. It is located just south of an arroyo.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Probably ten to twelve rooms

Pottery Group: III and IV

Artifacts: One scraper; four random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-121

Location: S.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 10 Twp. 8N Range 22E

Type: Rectangular Pueblo

General Setting: Small sandstone ruin on the side of a low hill, very near the top. It lies on the approximate same level of the hill as LS-120 and about fifty feet south of LS-120. This site is about one hundred feet south of an arroyo. The ruin has been bulldozed. Present cover is grass and pine.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Probably six to ten rooms

Pottery Group: III and IV

Artifacts: None found

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-122

Location: N.W. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 3 Twp. 8N Range 22E

Type: Rectangular Pueblo

General Setting: Sandstone rectangular ruin located on the slope of a hill. An arroyo is located about fifty yards south of the ruin. Present cover is grass and pine. There is little surface pottery.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Twenty - twenty-five rooms

Pottery Group: IV

Artifacts: Two random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-123

Location: N.W.¼ N.E.¼ Section 10 Twp. 8N Range 22E

Type: Rectangular Pueblo

General Setting: Rectangular sandstone ruin on a small hill. The ruin is partly bulldozed. Present cover is pine and sparse grass. A wash is located just south of the ruin. Little surface pottery.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Twelve to fifteen rooms

Pottery Group: IV

Artifacts: None found

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-124

Location: S.E. $\frac{1}{4}$ Section 10 Twp. 8N Range 22E

Type: Rectangular Pueblo

General Setting: Sandstone ruin overlooking flat with an arroyo. The ruin consists of a mound, six feet high in places, and the outlines of several rooms in sandstone slabs. It is built on the side of the slope leading down onto the flat. Present cover is grass and pine. Some bulldozing on the east side of the ruin.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Thirty to forty rooms

Pottery Group: III, IV, and V

Artifacts: Five random flake knives; two scrapers

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-125

Location: N.W. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 15 Twp. 8N Range 22E

Type: Rectangular Pueblo

General Setting: Rectangular sandstone ruin. This site has been completely destroyed as the whole ruin has been bulldozed. It is located on the side of a small hill, near the top. There is an arroyo just west of the site. Present cover is pine and grass.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: ?? Probably less than ten rooms

Pottery Group: III and IV

Artifacts: Three random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-126

Location: S.W. $\frac{1}{4}$ S.E. $\frac{1}{4}$ Section 8 Twp. 8N Range 22E

Type: Pictograph

General Setting: On top of a basalt-capped point--on large basalt boulders are a series of pictographs. These glyphs are close to LS-127 and are probably in association.

Area: Pinetop

Drainage:

Water Supply:

No. of Rooms or Houses:

Pottery Group:

Artifacts:

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Fort Apache Indian Reservation
(Department of the Interior, 1956)

Site No. LS-127

Location: S.W. $\frac{1}{4}$ S.E. $\frac{1}{4}$ Section 8 Twp.. 8N Range 22E

Type: "L" Shaped Pueblo

General Setting: Basalt boulder "L" shaped ruin located on top a basalt-covered point. The site is just above the pictographs (LS-126). The site overlooks a flat with an arroyo running through it. (Amos Wash)
Present cover is grass and pine.

Area: Pinetop

Drainage: Little Colorado River

Water Supply: Amos Wash and possible springs

No. of Rooms or Houses: Thrity to forty rooms - no kiva noted

Pottery Group: III and IV

Artifacts: Three random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-128

Location: N.W. $\frac{1}{4}$

Section 16

Twp. 12N

Range 25E

Type: Rectangular Pueblo

General Setting: Rectangular sandstone ruin located on top a low knoll overlooking a flat and two arroyos. Present cover is sparse grass. The ruin consists of two blocks of rooms separated by a plaza.

Area: Mesa Redonda-Concho

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Thirty to forty rooms - no Kiva noted.

Pottery Group: III and IV

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-129

Location: Center

Section 30

Twp. 11N

Range 29E

Type: Pithouses

General Setting: Several pithouse depressions located on top of a large but low hill behind the Rassmussen House in Floy. Present cover is grass and juniper. There are three or four distinct depressions with several other possibilities. There is a spring on the east side of the hill.

Area: Floy

Drainage: Little Colorado River

Water Supply: Spring

No. of Rooms or Houses: Four to six pithouses

Pottery Group: II and III

Artifacts: One random flake knife

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-130

Location: N.W. $\frac{1}{4}$ Section 14 Twp. 10N Range 22E

Type: Pre-pottery

General Setting: Located on the south side of Big Lake (the lake north of the Show Low Airport). The site is situated on the first point of land going west from the southeast corner of the lake on the south side. It is on the top and down on the sides of the point, down to the old shore line. Present cover is sparse grass and juniper. No sign of architecture. The whole area is littered with basalt boulders.

Area: Show Low

Drainage: Internally draining
into the lake

Water Supply: Big Lake

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: Two pebble-type, one-hand manos and one fragment of same; one quartzite core; five random flake knives; two scrapers; two projectile point fragments; one blade

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-131

Location: N.W. $\frac{1}{4}$

Section 14

Twp. 10N

Range 22E

Type: Pre-pottery

General Setting: Located on the second point on the south side of Big Lake going west from the southeast corner of the lake. The site is on the next point west of LS-130. It is on top and on the sides of the point. Present cover is sparse grass and juniper. No indication of architecture was present. The area is littered with basalt boulders.

Area: Show Low

Drainage: Internally draining
into the lake

Water Supply: Big Lake

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: Five random flake knives; three scrapers; one blade fragment; one pebble type, one-hand mano fragment

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-132

Location: S.E. $\frac{1}{4}$ Section 2 Twp. 12N Range 28E

Type: Pithouses

General Setting: Pithouse site located on the end of a point of land jutting into the Little Colorado River Valley south and east of the river (about one mile away from the river). There are six pithouse depressions. Present cover is sparse grass and juniper. The site is atop a knoll on top of the point.

Area: St. Johns

Drainage: Little Colorado River

Water Supply: Little Colorado River plus possible springs

No. of Rooms or Houses: Six pithouses

Pottery Group: III

Artifacts: One projectile point fragment

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-133

Location: Center

Section 2

Twp. 12N

Range 28E

Type: Pithouse

General Setting: One pithouse depression located on the end of a point of land jutting into the Valley of the Little Colorado River. The site is about one mile south and east of the river. This point is the first point northeast of the one on which LS-132 is located. Present cover is sparse grass and juniper.

Area: St. Johns

Drainage: Little Colorado River

Water Supply: Little Colorado River plus possible springs

No. of Rooms or Houses: One pithouse

Pottery Group: II

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-134

Location: N.E. $\frac{1}{4}$

Section 2

Twp. 12N

Range 28E

Type: Pithouses

General Setting: Pithouse site on bluffs between and south of the two points of land on which LS-132 and LS-133 are located. Five to eight pithouse depressions were noted. Present cover is sparse grass and juniper. The Little Colorado River flows approximately one mile north and west of the site.

Area: St. Johns

Drainage: Little Colorado River

Water Supply: Little Colorado River plus possible springs

No. of Rooms or Houses: Five to eight pithouses

Pottery Group: III

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-135

Location: N.E.¼

Section 2

Twp. 12N

Range 28E

Type: Pithouses

General Setting: Large pithouse site covering most of a ridge overlooking the Valley of the Little Colorado River. The river flows about one mile north and west of the site. This ridge is north and east of the point of land on which LS-133 is located. There are about fifteen depressions; the site is extensive. Present cover is sparse grass and juniper.

Area: St. Johns

Drainage: Little Colorado River

Water Supply: Little Colorado River plus possible springs

No. of Rooms or Houses: About fifteen pithouses

Pottery Group: III

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-136

Location: N.E. $\frac{1}{4}$

Section 2

Twp. 12N

Range 28E

Type: Pithouses

General Setting: Pithouse site on a point of land jutting into the Valley of the Little Colorado River. The river itself flows approximately one mile north and west of the site. This site is just north of LS-135. There are eight to ten depressions showing on the surface. Just below (south) the point is an abandoned house with a tin roof. Present cover is sparse grass and juniper.

Area: St. Johns

Drainage: Little Colorado River

Water Supply: Little Colorado River plus possible springs

No. of Rooms or Houses: Eight to ten pithouses

Pottery Group: III

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-137

Location: N.E. ¼

Section 2

Twp. 12N

Range 28E

Type: Rectangular Pueblo

General Setting: Small rectangular pueblo located on top a flat-topped hill. There is a small wash about a half mile south of the site. The Little Colorado River is about one and one-half miles west of the site. Present cover is sparse grass and juniper.

Area: St. Johns

Drainage: Little Colorado River

Water Supply: Arroyo plus possible springs

No. of Rooms or Houses: Three to five rooms

Pottery Group: IV

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-138

Location: N.W. $\frac{1}{4}$

Section 14

Twp. 10N

Range 22E

Type: "Sherd Area"

General Setting: Brown ware "sherd area" located on the south side of Big Lake (North of the Show Low Airport) among huge basalt boulders. This site is situated just above the old shore line on the east side of the point of land on which LS-131 is located. Pottery occurs over a very restricted area, about ten feet square. Present cover is sparse grass and juniper. No architecture was discerned. The area is littered with basalt boulders.

Area: Show Low

Drainage: Internally drained
into the Lake

Water Supply: Big Lake

No. of Rooms or Houses: None

Pottery Group: VI (Jeddito Plain)

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-139

Location: N.W. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 15 Twp. 9N Range 22E

Type: Pithouses

General Setting: Pithouses located on a flat flood plain of a stream that flows into the south side of Show Low Lake. The site is located approximately one-half mile upstream from the lake. From the lake to the flood plain, this stream flows through a narrow, rugged gorge. The site is on the west side of the river at the base of a basalt cliff. The plain is about two hundred feet wide. Present cover is sparse grass.

Area: Show Low

Drainage: Little Colorado River

Water Supply: River

No. of Rooms or Houses: Three pithouses

Pottery Group: II

Artifacts: Ten scrapers, four random flake knives, one basal fragment of a projectile point or blade

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-140

Location: N.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 22 Twp. 12N Range 21E

Type: Rectangular Pueblo

General Setting: Sandstone slab rectangular pueblo, exactly due west of the bridge over Show Low Creek on Highway 77, twelve miles north of Show Low. The site is located on top of a large hill, approximately one-half mile west of the highway. This site overlooks a large flat, and is about fifty yards east of Show Low Creek. A number of rectangular manos and both slab and trough metates are on the site.

Area: Show Low--Shumway

Drainage: Little Colorado River

Water Supply: Show Low Creek

No. of Rooms or Houses: Fifteen to twenty rooms

Pottery Group: III and IV

Artifacts: Three scrapers and one random flake knife

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-141

Location: N.W. $\frac{1}{4}$

Section 26

Twp. 12N

Range 21E

Type: Pithouses

General Setting: Located on top a flat-topped hill just one hundred fifty yards west of Highway 77, west-southwest of the bridge over Show Low Creek twelve miles north of Show Low. It is east-southeast of LS-140 approximately one-quarter of a mile. The site consists of three or four pithouse depressions. Little surface pottery was noted. The hill overlooks a flat with an arroyo. Present cover is sparse grass.

Area: Show Low--Shumway

Drainage: Show Low Creek--
Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Three to four pithouses

Pottery Group: III

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-142

Location: S.E. $\frac{1}{4}$

Section 23

Twp. 12N

Range 21E

Type: "L"-Shaped Ruin

General Setting: This site is located just east (below) of the hill on which LS-140 is located. It is on a low ridge. Several trough type metates and rectangular manos are on this site. Present cover is sparse grass. It overlooks a flat with an arroyo.

Area: Show Low--Shumway

Drainage: Show Low Creek--
Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Ten to twelve rooms

Pottery Group: III, IV, and VI

Artifacts: Eight scrapers, three random flake knives, one rectangular mano (basalt with one grinding surface)

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-143

Location: S.W.¼ N.E.¼ Section 25 Twp. 11N Range 21E

Type: Pre-pottery

General Setting: Pre-pottery artifact area on the southwest corner of a small, dry lake. The site is up on a "shelf" above the shore line. Present cover is sparse grass and juniper. The area is littered with basalt boulders. There is no sign of architecture.

Area: Show Low

Drainage: Internally draining
into the lake

Water Supply: White Lake

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: Eight scrapers, eleven random flake knives, one basal fragment of blade and two projectile points

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-144

Location: N.W.¼ N.E.¼ Section 28 Twp. 10N Range 21E

Type: "Sherd Area"

General Setting: Located on top of the bluffs overlooking a wide sandy wash. The site is on a point of land jutting north from the bluffs. The area is very sandy. There has been quite a bit of wash over the site and the resulting deposition is probably fairly deep. Several rectangular manos and slab type metates are on the site. Present cover is sparse grass and juniper.

Area: Show Low--Fool's Hollow

Drainage: Fools Hollow Wash
to Silver Creek via
Show Low Creek

Water Supply: Arroyo

No. of Rooms or Houses: ?

Pottery Group: III and IV

Artifacts: Six scrapers; nine random flake knives; one worked sherd
(Snowflake B/W)

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-145

Location: Center Section 17 Twp. 10N Range 23E

Type: Scattered Surface Rooms

General Setting: On north side of Rocky Arroyo approximately one-quarter to one-half mile upstream from the bridge on Highway 60. At the point of the site, the wash makes an abrupt turn, almost east, and here several springs appear in the basalt-boulder littered bed of the arroyo. A series of large (four to six feet high) basalt boulders outcrop just north of the wash. Dry basalt boulder walls set against these boulders form several surface rooms. Little surface material was noted. Cover is grass and juniper.

Area: Show Low

Drainage: Silver Creek

Water Supply: Arroyo and springs

No. of Rooms or Houses: Three rooms - scattered, not connected

Pottery Group: VI

Artifacts: One scraper, one random flake knife

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-146

Location: S.E. $\frac{1}{4}$ Section 17 Twp. 10N Range 23E

Type: "Sherd Area"

General Setting: Approximately sixty feet upstream (east, as Rocky Arroyo flows east to west at this point) from LS-145 is a broad basalt-boulder littered flat running from the arroyo north to a series of large basalt boulders. On this flat is a sherd area; no sign of architecture but much more surface material than on LS-145. Present cover is sparse grass and juniper. Springs are located in the wash at this point.

Area: Show Low

Drainage: Rocky Arroyo to
Silver Creek

Water Supply: Arroyo and springs

No. of Rooms or Houses: None

Pottery Group: II

Artifacts: One random flake knife

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-147

Location: N.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 29 Twp. 10N Range 23E

Type: Pre-pottery

General Setting: Artifact area on west side of Rocky Arroyo about one to one and one-quarter miles upstream from the bridge on Highway 60. The site is located on a basalt-boulder covered slope just west of the arroyo bed. Little surface material was noted. Cover is grass and a few junipers. A lone "double-trunked" Ponderosa Pine grows in the arroyo bottom just down stream from the site.

Area: Show Low

Drainage: Silver Creek

Water Supply: Arroyo

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: One large chopper, two scrapers, one flint core

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-148

Location: N.W.¼ N.E.¼ Section 20 Twp. 10N Range 23E

Type: Sherd Area

General Setting: Sherd and artifact area located on top of a small rocky point overlooking Rocky Arroyo. The site is on the west side of the wash. It lies about one-quarter to one-half of a mile south of the bridge on Highway 60. Sherds and artifacts are scattered among the numerous basalt boulders on top of the point. There is no sign of architecture. Present cover is sparse grass and juniper.

Area: Show Low

Drainage: Silver Creek

Water Supply: Arroyo

No. of Rooms or Houses: None

Pottery Group: II

Artifacts: Four scrapers; two random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-149

Location: N.W.¼ S.E.¼ Section 6 Twp. 10N Range 22E

Type: Pre-pottery

General Setting: Pre-pottery artifact area scattered along south side of a dry lake bed (three miles north of Show Low on the west side of Highway 77, due west of the radio tower). Along the south shore of the lake is a basalt cliff six to eight feet high. Prehistoric materials occur along the base of the cliff. Several indentations in the cliff form "pseudo rock-shelters." Present cover is grass, juniper, and pine.

Area: Show Low

Drainage: Area is internally drained

Water Supply: Lake

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: One mano fragment; one scraper; two random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-150

Location: N.E. $\frac{1}{4}$ N.W. $\frac{1}{4}$ Section 15 Twp. 14N Range 21E

Type: Pithouses and Rectangular Pueblo

General Setting: Pithouses and small rectangular pueblo located on top a hill overlooking "Five Mile Draw," five miles north of Snowflake on the west side of Highway 77, just north of the draw and just west of the highway. Little surface pottery was noted. Cover is sparse grass and juniper; several junipers have been up-rooted. One pithouse has been gutted.

Area: Snowflake

Drainage: Silver Creek

Water Supply: Five Mile Draw (arroyo)

No. of Rooms or Houses: Four to seven pithouses; about eight rooms in the pueblo

Pottery Group: II, III and IV

Artifacts: One projectile point fragment

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-151

Location: N.W.¼ S.E.¼ Section 7 Twp. 13N Range 23E

Type: Semi-Circular Pueblo

General Setting: Semi-circular sandstone slab pueblo located on a gentle slope overlooking a flat. There is a large depression in front of (south) the ruin. Just north of the site there is an arroyo. Present cover is grass and juniper. The area is quite sandy.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Twenty to twenty-five rooms

Pottery Group: IV and V

Artifacts: One flake saw; two random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-152

Location: S.W. $\frac{1}{4}$

Section 8

Twp. 13N

Range 23E

Type: One Room "Cliff-Dwelling"

General Setting: One room up in a sandstone cliff. It is built where Moencopi and Chin Lee sandstones join; the softer Chin Lee has weathered forming a rock overhang. Here a single, circular room has been built of sandstone slabs and mud. There is corn and charcoal on the surface of the fill which is about six inches deep. The site overlooks the arroyo and flat below (south). There is little surface pottery.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: One room

Pottery Group: II

Artifacts: Two blades and one blade fragment; two flake knives and one fragment; eleven random flake knives; nine scrapers. Also, one corn cob, ten rows of kernals and one projectile point

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-153

Location: S.W. $\frac{1}{4}$

Section 17

Twp. 13N

Range 23E

Type: Rectangular Pueblo

General Setting: Small sandstone slab rectangular pueblo located on top a low knoll overlooking a flat with an arroyo. Present cover includes grass, tumbleweed, and juniper. The arroyo is just east of the ruin. The large, black mesa ("Mountain") is about one-half of a mile east of the site.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Eight to ten rooms

Pottery Group: III and IV

Artifacts: One flake knife; eleven random flake knives, eleven scrapers

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-154

Location: S.W. $\frac{1}{4}$ Section 16 Twp. 13N Range 23E

Type: "L"-shaped Pueblo

General Setting: Large "L"-shaped ruin located on slight rise at the base of the large Black Mesa. The site overlooks a flat with a large arroyo. Present cover is grass and tumbleweed. No Kiva was noted. High mound was built up - about six feet in height. There is a possibility of springs at the base of the mesa near the site.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo and possible springs

No. of Rooms or Houses: Thirty to forty rooms

Pottery Group: III, IV, and V

Artifacts: Three random flake knives; five scrapers

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-155

Location: S.E.¼ N.W.¼ Section 21 Twp. 13N Range 23E

Type: Rectangular Pueblo with Circular Great Kiva

General Setting: Large rectangular pueblo (sandstone slab) with a circular Great Kiva. The Kiva is about sixty feet in diameter and has a lateral entrance on the south-east. Also on this site is a large room, forty feet across, with smaller rooms on at least one side. This room or Kiva appears to be square, but it is difficult to tell. The ruin itself consists of a large rectangular block of rooms, mound built up about six or eight feet. Cover is sparse grass and tumbleweed. It overlooks a broad flat; just west of the ruin is a large arroyo.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: More than fifty rooms

Pottery Group: III, IV and V

Artifacts: Twenty-one random flake knives, one flake saw; seven scrapers, one chopper, one piece of sandstone with a human figure pecked on it

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-156

Location: S.E. $\frac{1}{4}$ S.W. $\frac{1}{4}$ Section 8 Twp. 13N Range 23E

Type: Large Pueblo

General Setting: Large ruin - pueblo built around a hollow square with a definite entrance to the pueblo. The pueblo surrounds a large plaza (seventy feet wide) which may contain a Kiva; none was noted from surface indication, however. The site is located on top a low hill surrounded by flats. A large arroyo is about fifty yards east of the ruin. Present cover is grass, tumbleweed, and a few scattered junipers.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Sixty to eighty rooms

Pottery Group: IV and V

Artifacts: Nine random flake knives; ten scrapers

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-157

Location: S.E. $\frac{1}{4}$ N.W. $\frac{1}{4}$ Section 8 Twp. 13N Range 23E

Type: Rectangular Pueblo

General Setting: Small rectangular pueblo located on a sandy flat. The site is next to an arroyo. This site is about seventy-five yards due east of LS-151. Present cover is grass and sparse junipers. The area is very sandy.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Three to five rooms

Pottery Group: IV

Artifacts: Three scrapers; four random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-158

Location: N.W. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 8 Twp. 13N Range 23E

Type: Rectangular Pueblo

General Setting: Rectangular pueblo located on top of a hill. This site is about one quarter of a mile north-east of LS-157. The hill is on a ridge overlooking a broad flat with a large arroyo. The area is thickly covered with juniper. "Point of the Mountain" is approximately one mile east.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: Fifteen to twenty rooms

Pottery Group: III, IV, and V

Artifacts: None

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-159

Location: N.W. $\frac{1}{4}$ S.W. $\frac{1}{4}$ Section 8 Twp. 13N Range 23E

Type: Pre-pottery

General Setting: Pre-pottery artifact area located on a sandy flat next to a small wash. This site lies approximately one quarter of a mile southeast of LS-151. No architecture could be discerned. Present cover is sparse grass and juniper.

Area: Snowflake--Carter Ranch

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: One chopper; four scrapers; five random flake knives; three hammer stones

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-160

Location: Center of East Boundry Section 19 Twp. 12N Range 25E

Type: Pre-pottery

General Setting: Pre-pottery artifact area located on a sandy flat. Present cover is sparse grass and juniper. Surface material is quite plentiful. The site occupies about an acre in extent. The southwest corner of the Rhoton Place (fence) is on the site and the Leverton road runs through it. There is a small arroyo approximately seventy-five yards east of the site.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: One pebble-type, one-hand mano (one grinding surface); thirty-one scrapers; one flake knife; one blade fragment; fifty-one random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-161

Location: N.W.¼ N.W.¼ Section 29 Twp. 12N Range 25E

Type: "Sherd Area"

General Setting: Sherd and artifact area. There is no sign of architecture, but it is probably a pithouse site. It is located on top of a mesa, right on the edge overlooking a huge valley. It is two or three miles directly south of the Rhoton Ranch and south-east of the Leverton ranch house. The area is littered with basalt boulders. Present cover is grass and juniper. Site is on a flat; soil is sandy.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Possible springs

No. of Rooms or Houses: None

Pottery Group: II

Artifacts: Thirteen random flake knives, nine scrapers

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-162

Location: N.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 30 Twp. 12N Range 25E

Type: Pre-pottery

— General Setting: Pre-pottery artifact area about thirty yards west of LS-161. This site is located on a flat on the edge of the mesa. Basalt boulders litter the sandy soil. Present cover is grass, juniper, and pinion. No sign of architecture was noted on the surface.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Possible Springs

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: Four scrapers, five random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad (1:250,000)

Site No. LS-163

Location: N.W. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Section 25 Twp. 12N Range 24E

Type: Pre-pottery

General Setting: On top of the mesa, east of Mesa Redonda is a small valley with an arroyo running east to west. Pre-pottery artifact area on the south side of the west end of this valley. Site is on a sandy but basalt-boulder littered flat set against a basalt cliff. Springs are seeping here. Present cover is grass, juniper, pinion, walnut, and wild grape vines. There is much surface material but no sign of architecture.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Springs

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: Four flake knives, eighteen scrapers, fifty-three random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-164

Location: S.W.¼

Section 19

Twp. 12N

Range 25E

Type: Pre-pottery

General Setting: Pre-pottery artifact area located approximately two-thirds of the way up the mesa on a sandy flat. Basalt boulders cover the flat area. Present cover is grass and juniper. The flat is set against the basalt cliff that forms the top of the mesa, i.e. it is on the talus at the base of the cliff near the top of the mesa. This site is due south of the Rhoton Ranch house.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Probable springs

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: Two blade fragments, four flake knives, thirty-eight scrapers, thirty-six random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-165.

Location: Center Section 19 Twp. 12N Range 25E

Type: Pre-pottery

General Setting: Pre-pottery artifact area located on a sandy flat on the side of the mesa south of the Rhoton Ranch house. This flat is about sixty yards below (north) of LS-164, and about twenty yards west. The area is littered with basalt boulders. Present cover is grass, pinion and juniper.

Area: Mesa Redonda .

Drainage: Little Colorado River

Water Supply: Probable springs

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: One blade, two flake knives, twelve scrapers, eleven random flake knives

CHICAGO NATURAL HISTORY MUSEUM

Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-166

Location: Center

Section 19

Twp. 12N

Range 25E

Type: Pre-pottery

General Setting: Pre-pottery artifact area located on a sandy flat on a small point of land jutting into the valley from the mesa south of the Rhoton Ranch house. It is approximately fifty yards below (north) of LS-165. The point is approximately one-half the way up the mesa's side. Present cover is grass, juniper and pinion.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Probable springs

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: One blade fragment, one flake knife, fourteen scrapers, sixteen random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-167

Location: N.W. $\frac{1}{4}$ S.E. $\frac{1}{4}$ Section 17 Twp. 12N Range 25E

Type: Pre-pottery

General Setting: Pre-pottery artifact area located on top a ridge just west of the Rhoton house, on Leverton Land, immediately west of the fence. Present cover is grass and juniper. (The juniper has been pushed over.) There is an arroyo just north of the ridge.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: Three blade fragments, one projectile point fragment, fourteen random flake knives, twenty-two scrapers.

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: St. Johns Quad. (1:250,000)

Site No. LS-168

Location: N.E. $\frac{1}{4}$ N.W. $\frac{1}{4}$ Section 17 Twp. 12N Range 25E

Type: Pre-pottery

General Setting: Pre-pottery artifact area located on a sandy flat approximately one hundred yards north of the north end of the ridge on which LS-167 is located. The area was juniper covered, but these trees have been pushed over. Present cover is grass (and dead juniper). There is an arroyo south of the site and another west of it.

Area: Mesa Redonda

Drainage: Little Colorado River

Water Supply: Arroyo

No. of Rooms or Houses: None

Pottery Group: I

Artifacts: One punch or drill, twenty-five random flake knives, nineteen scrapers.

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-169

Location: S.W. $\frac{1}{4}$ S.E. $\frac{1}{4}$ Section 1 Twp. 14N Range 21E

Type: Rectangular Pueblo

General Setting: Small rectangular pueblo, sandstone slab, located on the low bluff overlooking Silver Creek and a small valley. The site is on the west side of the river, nine miles north of Snowflake. Present cover is juniper and sparse grass. The area is very sandy.

Area: Snowflake

Drainage: Silver Creek

Water Supply: Silver Creek

No. of Rooms or Houses: Three to five rooms

Pottery Group: IV

Artifacts: Ten scrapers, one flake knife, five random flake knives

CHICAGO NATURAL HISTORY MUSEUM
Archaeological Survey

Map: Holbrook Quad. (1:250,000)

Site No. LS-170

Location: S.E.¼ N.E.¼ Section 14 Twp. 14N Range 21E

Type: "Sherd Area"

General Setting: Sherd and artifact area about two hundred yards east of Highway 77, seven miles north of Snowflake. The site is on a sandy flat between the arroyo (first bridge north of Five Mile Draw) and the large gravely hill east of the highway, north of Five Mile Draw. No architecture was found. The sandy flat is just north of a small arroyo. Present cover is sparse grass and juniper.

Area: Snowflake

Drainage: Silver Creek

Water Supply: Arroyo

No. of Rooms or Houses: ?

Pottery Group: IV

Artifacts: One scraper, one random flake knife

Site No.	Plain Gray (Lino Series)		Plain Brown (Alma Series)		Textured Brown		Textured Gray		McDonald Corregated	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS1	9	5.6	12	7.5	2	1.4	86	53.8	---	---
LS2	1	1.6	61	98.4	---	---	---	---	---	---
LS3	6	4.2	22	15.5	---	---	4	2.8	---	---
LS4	26	32.5	35	43.8	5	6.3	---	---	---	---
LS5	2	6.3	30	93.7	---	---	---	---	---	---
LS6	2	3.4	---	---	---	---	11	18.6	---	---
LS7	---	---	1	1.2	---	---	35	41.2	---	---
LS8	---	---	2	3.1	8	10.9	17	26.6	---	---
LS9	2	1.8	---	---	5	4.6	10	9.2	---	---
LS10	2	2.6	---	---	7	9.0	10	12.8	---	---
LS11*	---	---	---	---	7	8.0	32	36.3	---	---
LS12	8	12.9	---	---	1	1.6	15	24.2	---	---
LS13	---	---	---	---	3	3.7	27	32.9	---	---
LS14	5	4.9	---	---	---	---	21	20.6	---	---
LS15	---	---	---	---	2	3.9	9	17.3	---	---
LS17	13	30.2	---	---	1	2.3	11	25.6	---	---
LS20	12	26.7	---	---	---	---	6	13.3	---	---
LS23	---	---	1	0.8	11	8.8	13	10.4	---	---
LS24	2	2.4	23	9.1	72	28.5	11	4.4	---	---
LS27	---	---	7	2.3	60	19.3	3	1.0	---	---

Site No.	Plain Gray (Lino Series)		Plain Brown (Alma Series)		Textured Brown		Textured Gray		McDonald Corregated	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS50	29	72.5	2	5.0	---	---	---	---	---	---
LS51	---	---	---	---	1	16.7	---	---	---	---
LS55	---	---	---	---	2	20.0	5	50.0	---	---
LS56	---	---	---	---	---	---	---	---	---	---
LS57	---	---	---	---	---	---	---	---	---	---
LS58*	---	---	---	---	---	---	1	14.3	---	---
LS62	5	41.7	1	8.3	---	---	---	---	---	---
LS63	1	6.7	1	6.7	1	6.7	---	---	---	---
LS64	---	---	---	---	---	---	---	---	---	---
LS65	---	---	---	---	1	6.3	7	43.8	---	---
LS66*	7	7.5	---	---	13	13.8	15	16.0	---	---
LS67	4	80.0	---	---	---	---	---	---	---	---
LS68	---	---	10	15.4	16	24.5	---	---	---	---
LS69	---	---	2	10.5	6	31.6	---	---	---	---
LS70	1	10.0	---	---	---	---	---	---	---	---
LS73	---	---	1	1.9	18	33.3	---	---	---	---
LS74	---	---	---	---	---	---	---	---	---	---
LS75	---	---	---	---	1	14.3	---	---	---	---
LS76	2	11.1	14	77.8	2	11.1	---	---	---	---
LS77	---	---	2	100.0	---	---	---	---	---	---

Site No.	Plain Gray (Lino Series)		Plain Brown (Alma Series)		Textured Brown		Textured Gray		McDonald Corregated	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS78	---	---	3	7.1	29	70.0	---	---	---	---
LS85	14	77.8	---	---	---	---	2	11.1	---	---
LS87	3	8.7	---	---	---	---	15	41.7	---	---
LS90	22	100.0	---	---	---	---	---	---	---	---
LS93	16	48.5	4	12.1	---	---	---	---	---	---
LS95	---	---	18	100.0	---	---	---	---	---	---
LS96	29	29.6	12	12.2	9	9.2	5	5.1	1	1.0
LS97	22	34.9	8	12.7	4	6.4	4	6.4	---	---
LS98	1	100.0	---	---	---	---	---	---	---	---
LS99	---	---	---	---	1	33.3	---	---	---	---
LS100	---	---	---	---	---	---	---	---	---	---
LS101	---	---	2	1.7	26	22.0	---	---	7	5.9
LS102	---	---	1	1.2	9	10.8	2	2.4	---	---
LS103	---	---	---	---	15	7.5	---	---	2	1.0
LS104	---	---	---	---	1	2.3	---	---	---	---
LS105	---	---	1	1.3	6	7.7	---	---	1	1.3
LS106	---	---	---	---	14	7.3	---	---	4	2.1
LS107	24	17.3	105	75.5	3	2.2	---	---	---	---
LS108	---	---	1	0.5	24	12.4	6	3.1	---	---
LS109	---	---	---	---	37	20.4	1	0.6	1	0.6

Site No.	Plain Gray (Lino Series)		Plain Brown (Alma Series)		Textured Brown		Textured Gray		McDonald Corrugated	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS110	---	---	---	---	1	25.0	---	---	---	---
LS111	---	---	8	5.2	37	24.1	---	---	4	2.6
LS112	---	---	14	13.3	30	28.5	---	---	1	1.0
LS113	---	---	20	64.4	4	12.8	---	---	---	---
LS117	---	---	1	5.9	7	41.2	---	---	---	---
LS118	---	---	6	30.0	3	15.0	---	---	---	---
LS119	---	---	---	---	15	44.1	---	---	---	---
LS120	---	---	10	12.6	11	13.9	---	---	---	---
LS121	---	---	2	16.7	2	16.7	---	---	---	---
LS122	---	---	16	41.0	1	2.6	---	---	---	---
LS123	---	---	---	---	7	41.2	---	---	---	---
LS124	---	---	5	7.7	21	32.1	---	---	1	1.5
LS125	---	---	33	41.3	6	7.5	---	---	---	---
LS127	---	---	33	40.6	6	7.5	---	---	---	---
LS128	---	---	---	---	1	4.8	---	---	---	---
LS129	4	36.4	1	9.1	---	---	---	---	---	---
LS132	12	66.6	---	---	---	---	---	---	---	---
LS133	1	100.0	---	---	---	---	---	---	---	---
LS134	8	34.7	---	---	---	---	6	26.1	---	---
LS135	8	22.8	3	8.6	---	---	6	17.1	---	---

Site No.	Plain Gray (Lino Series)		Plain Brown (Alma Series)		Textured Brown		Textured Gray		McDonald Corrugated	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS136	13	25.5	1	2.0	---	---	---	---	---	---
LS137	---	---	3	14.1	3	4.1	16	21.7	1	1.4
LS138	---	---	---	---	---	---	---	---	---	---
LS139	6	27.2	16	72.6	---	---	---	---	---	---
LS140	3	3.9	1	1.3	8	6.5	---	---	2	2.6
LS141	1	5.6	4	22.2	---	---	---	---	---	---
LS142	---	---	5	8.6	6	10.3	---	---	---	---
LS144	---	---	6	8.2	23	31.3	---	---	---	---
LS145	---	---	---	---	---	---	---	---	---	---
LS146	---	---	20	86.8	3	13.0	---	---	---	---
LS148	4	17.4	19	82.5	---	---	---	---	---	---
LS150	10	25.6	17	43.5	1	2.6	---	---	---	---
LS151	---	---	---	---	11	15.2	---	---	1	1.4
LS152	2	100.0	---	---	---	---	---	---	---	---
LS153	2	2.5	3	3.8	5	6.3	2	2.5	1	1.3
LS154	---	---	1	0.7	10	7.7	---	---	5	3.6
LS155	---	---	---	---	17	12.2	---	---	3	2.2
LS156	---	---	---	---	25	8.3	---	---	6	2.0
LS157	---	---	---	---	12	14.0	---	---	---	---
LS158	1	1.2	---	---	11	13.1	---	---	---	---

Site No.	Plain Gray (Lino Series)		Plain Brown (Alma Series)		Textured Brown		Textured Gray		McDonald Corregated	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS161	11	61.1	---	---	---	---	7	38.9	---	---
LS169	---	---	1	3.8	4	14.3	---	---	---	---
LS170	---	---	---	---	---	---	---	---	---	---

*

LS11 yielded 1 sherd of Tularosa Fillet Rim (1.1%)

LS24 yielded 3 sherds of San Francisco Red (1.2%); 1 of Kechipawan G/Poly. (0.4%); 4 of Pinnewa G/W (1.6%)

LS35 yielded 2 sherds of San Francisco Red (0.5%); 1 of Pinnewa G/W (0.2%); 1 of Tonto Poly. (0.2%); 1 of Hawikuh Poly. (0.2%)

LS36 yielded 1 sherd of Pinedale Poly. (1.5%)

LS39 yielded 1 sherd of Smudged Brown (0.8%)

LS47 yielded 3 sherds of Smudged Brown (17.7%)

LS58 yielded 1 sherd of Smudged Brown (14.3%)

LS66 yielded 1 sherd of Smudged Brown (1.1%)

LS68 yielded 1 sherd of Pinedale Poly. (1.5%)

LS101 yielded 6 sherds of Pinedale B/R (5.1%)

LS103 yielded 2 sherds of Pinto Poly (1.0%); 1 of Pinedale Poly. (0.5%); 1 of Show Low B/R (0.5%)

Site No.	Kiatuthlanna- White Mound B/W		Red Mesa B/W		Snowflake B/W		Reserve B/W		Tularosa B/W	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS1	---	---	---	---	7	4.4	9	5.6	---	---
LS2	---	---	---	---	---	---	---	---	---	---
LS3	19	13.4	---	---	---	---	---	---	---	---
LS4	14	17.5	---	---	---	---	---	---	---	---
LS5	---	---	---	---	---	---	---	---	---	---
LS6	---	---	---	---	1	1.7	7	11.9	3	5.1
LS7	---	---	---	---	10	11.8	20	23.5	---	---
LS8	---	---	---	---	6	9.4	5	7.8	1	1.6
LS9	---	---	6	5.5	---	---	3	2.8	16	14.7
LS10	---	---	---	---	---	---	10	12.8	20	25.6
LS11	---	---	11	12.5	7	8.0	5	5.7	1	1.1
LS12	---	---	15	24.2	---	---	2	3.2	1	1.6
LS13	---	---	3	3.7	6	7.3	15	18.3	6	7.3
LS14	5	4.9	4	3.9	5	4.9	13	12.8	18	17.7
LS15	---	---	2	3.9	3	5.8	7	13.5	8	15.4
LS17	1	2.3	---	---	---	---	6	14.0	3	7.0
LS20	7	15.6	---	---	---	---	---	---	---	---
LS23	---	---	7	5.6	9	7.2	21	16.8	17	13.6
LS24	---	---	---	---	---	---	6	2.4	15	6.0
LS27	10	3.2	19	6.1	71	22.8	32	10.3	---	---

Site No.	Kiatuthlanna- White Mound B/W		Red Mesa B/W		Snowflake B/W		Reserve B/W		Tularose B/W	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS28	17	6.6	44	17.1	86	33.5	21	8.2	10	3.9
LS29	6	6.3	---	---	31	32.6	21	22.1	---	---
LS31	1	9.1	---	---	---	---	4	36.4	---	---
LS32	9	13.6	6	9.1	---	---	---	---	---	---
LS34	---	---	---	---	---	---	---	---	---	---
LS35	---	---	---	---	11	2.6	34	8.0	45	10.6
LS36	---	---	---	---	---	---	2	1.5	3	2.3
LS37	---	---	8	19.1	3	7.1	2	4.8	---	---
LS38	---	---	---	---	5	11.9	11	26.2	---	---
LS39	---	---	6	4.8	6	4.8	15	11.9	---	---
LS40	---	---	---	---	1	2.2	2	4.4	---	---
LS41	---	---	2	2.6	---	---	6	7.9	---	---
LS42	6	11.1	---	---	1	1.9	6	11.1	---	---
LS43	2	0.2	70	14.0	3	0.6	25	5.0	---	---
LS44	---	---	6	12.5	4	8.3	6	12.5	---	---
LS45	---	---	6	6.7	---	---	9	10.1	---	---
LS46	---	---	5	3.4	4	2.7	4	2.7	---	---
LS47	---	---	---	---	---	---	2	11.8	---	---
LS48	---	---	---	---	---	---	2	25.0	---	---
LS49	---	---	6	8.5	7	9.9	12	16.9	5	7.0

Site No.	Kiatuthlanna- White Mound B/W		Red Mesa B/W		Snowflake B/W		Reserve B/W		Tularosa B/W	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS78	---	---	---	---	3	7.1	---	---	4	9.5
LS85	2	11.1	---	---	---	---	---	---	---	---
LS87	---	---	---	---	---	---	---	---	---	---
LS90	---	---	---	---	---	---	---	---	---	---
LS93	---	---	7	21.2	---	---	---	---	---	---
LS95	---	---	---	---	---	---	---	---	---	---
LS96	1	1.0	5	5.1	7	7.1	5	5.1	---	---
LS97	---	---	3	4.8	---	---	2	3.2	1	1.6
LS98	---	---	---	---	---	---	---	---	---	---
LS99	---	---	---	---	2	66.7	---	---	---	---
LS100	---	---	---	---	3	37.5	---	---	---	---
LS101	---	---	---	---	36	30.5	8	6.8	2	1.7
LS102	---	---	8	9.6	46	55.4	6	7.2	3	3.6
LS103	---	---	---	---	61	30.5	23	11.5	21	10.5
LS104	2	4.6	---	---	22	50.0	4	9.1	2	4.6
LS105	---	---	2	2.6	45	57.7	5	6.4	8	10.3
LS106	4	2.1	1	0.5	132	68.4	12	6.2	9	4.7
LS107	4	2.9	---	---	---	---	---	---	---	---
LS108*	21	10.9	---	---	86	44.7	21	10.9	2	1.0
LS109	15	8.3	---	---	80	44.0	6	3.3	6	3.3

Site No.	Kiatuthlanna- White Mound B/W		Red Mesa B/W		Snowflake B/W		Reserve B/W		Tularosa B/W	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS136	11	21.5	5	9.8	---	---	---	---	---	---
LS137	---	---	---	---	15	20.4	16	21.8	---	---
LS138	---	---	---	---	---	---	---	---	---	---
LS139	---	---	---	---	---	---	---	---	---	---
LS140	---	---	3	3.9	43	56.3	4	5.2	---	---
LS141	2	11.1	8	44.4	---	---	---	---	---	---
LS142	---	---	4	6.9	14	24.1	---	---	---	---
LS144*	---	---	2	2.7	25	34.0	2	2.7	---	---
LS145	---	---	---	---	---	---	---	---	---	---
LS146	---	---	---	---	---	---	---	---	---	---
LS148	---	---	---	---	---	---	---	---	---	---
LS150	2	5.1	---	---	5	12.8	2	5.1	---	---
LS151	---	---	---	---	40	55.2	1	1.4	2	2.8
LS152	---	---	---	---	---	---	---	---	---	---
LS153	---	---	6	7.6	35	44.1	2	2.5	---	---
LS154*	7	5.0	---	---	59	42.5	6	4.3	6	4.3
LS155*	4	2.9	4	2.9	74	53.3	4	2.9	---	---
LS156*	---	---	---	---	83	27.4	10	3.3	29	9.6
LS157	---	---	---	---	34	39.8	8	9.4	---	---
LS158	1	1.2	2	2.4	30	35.7	3	3.6	4	4.8

Site No.	Kiatuthlanna- White Mound B/W		Red Mesa B/W		Snowflake B/W		Reserve B/W		Tularosa B/W	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS161	---	---	---	---	---	---	---	---	---	---
LS169	---	---	---	---	9	32.1	---	---	---	---
LS170	---	---	---	---	7	87.5	---	---	---	---

*

LS108 yielded 7 sherds of Show Low B/R (3.6%)

LS138 yielded 9 Jeddito Plain sherds only.

LS142 yielded 1 sherd of Pinedale Poly. (1.7%)

LS144 yielded 2 sherds of Show Low B/R (2.7%)

LS145 yielded 1 sherd of Heshot B/R only.

LS151 yielded 2 sherds of Houch Poly. (2.8%)

LS154 yielded 2 sherds of Springerville Poly. (1.4%); 6 sherds of Black Mesa B/W (4.3%); 2 sherds of St. Johns Poly. B/R (1.4%); 1 of Pinedale B/R (0.7%)

LS155 yielded 3 sherds of Black Mesa B/W (2.2%); 3 of St. Johns B/R (2.2%); 1 of Show Low B/R (0.7%)

LS156 yielded 2 sherds of Houch Poly. (0.7%); 3 of Pinedale Poly. (1.0%); 2 of Springerville Poly. (0.7%); 6 of St. Johns B/R (2.0%); 5 of Show Low B/R (1.7%); 15 of Pinedale B/R (5.0%)

Site No.	Pinedale B/W		Indeterminate Painted		Indeterminate Red Ware		Wingate B/R		Querino Poly.	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS1	---	---	29	18.1	2	1.3	4	2.5	---	---
LS2	---	---	---	---	---	---	---	---	---	---
LS3	---	---	91	64.1	---	---	---	---	---	---
LS4	---	---	---	---	---	---	---	---	---	---
LS5	---	---	---	---	---	---	---	---	---	---
LS6	---	---	24	40.7	---	---	11	18.7	---	---
LS7	---	---	16	18.8	2	2.4	1	1.2	---	---
LS8	---	---	23	35.9	---	---	2	3.1	---	---
LS9	---	---	23	21.1	3	2.8	34	31.2	2	1.8
LS10	---	---	17	21.8	---	---	12	15.4	---	---
LS11	---	---	13	14.8	2	2.3	8	9.1	1	1.1
LS12	---	---	20	32.3	---	---	---	---	---	---
LS13	---	---	16	19.5	---	---	6	7.3	---	---
LS14	---	---	19	18.6	---	---	12	11.8	---	---
LS15	---	---	17	32.7	---	---	4	7.7	---	---
LS17	---	---	7	16.3	---	---	---	---	---	---
LS20	---	---	15	33.3	---	---	2	4.4	---	---
LS23	---	---	41	32.8	2	1.6	3	2.4	---	---
LS24	---	---	77	30.4	15	6.0	---	---	---	---
LS27	---	---	103	33.1	2	0.6	4	1.3	---	---

Site No.	Pinedale B/W		Indeterminate Painted		Indeterminate Red Ware		Wingate B/R		Querino Poly.	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS28	---	---	15	5.8	1	0.4	28	10.9	---	---
LS29	---	---	17	17.9	---	---	3	3.2	---	---
LS31	---	---	5	45.5	---	---	---	---	---	---
LS32	---	---	15	22.7	---	---	---	---	---	---
LS34	---	---	25	17.7	---	---	---	---	---	---
LS35	---	---	59	13.9	42	9.9	87	20.4	2	0.5
LS36	11	8.3	20	15.0	16	12.0	24	18.0	---	---
LS37	---	---	25	59.5	---	---	---	---	---	---
LS38	---	---	20	47.6	---	---	---	---	---	---
LS39	---	---	31	24.6	2	1.6	1	0.8	---	---
LS40	---	---	24	52.2	---	---	---	---	---	---
LS41	---	---	20	26.3	3	4.0	1	1.3	---	---
LS42	---	---	26	48.2	---	---	---	---	---	---
LS43	---	---	112	22.4	6	1.2	---	---	---	---
LS44	---	---	15	31.3	---	---	---	---	---	---
LS45	---	---	31	34.8	---	---	---	---	---	---
LS46	---	---	72	48.7	3	2.0	6	4.0	---	---
LS47	---	---	3	17.7	1	5.9	1	5.9	---	---
LS48	---	---	3	37.5	---	---	---	---	---	---
LS49	---	---	33	46.5	---	---	2	2.8	---	---

Site No.	Pinedale B/W		Indeterminate Painted		Indeterminate Red Ware		Wingate B/R		Querino Poly.	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS78	---	---	3	7.1	---	---	---	---	---	---
LS85	---	---	---	---	---	---	---	---	---	---
LS87	---	---	4	11.1	---	---	11	30.6	---	---
LS90	---	---	---	---	---	---	---	---	---	---
LS93	---	---	4	12.1	2	6.1	---	---	---	---
LS95	---	---	---	---	---	---	---	---	---	---
LS96	4	4.1	12	12.2	5	5.1	1	1.0	---	---
LS97	1	1.6	11	17.5	5	7.9	2	3.2	---	---
LS98	---	---	---	---	---	---	---	---	---	---
LS99	---	---	---	---	---	---	---	---	---	---
LS100	---	---	5	62.5	---	---	---	---	---	---
LS101*	---	---	23	19.5	5	4.2	3	2.5	---	---
LS102	---	---	5	6.0	---	---	3	3.6	---	---
LS103*	---	---	16	8.0	8	4.0	23	11.5	---	---
LS104	---	---	13	29.6	---	---	---	---	---	---
LS105	---	---	1	1.3	---	---	5	6.4	2	2.6
LS106	---	---	10	5.2	---	---	5	2.6	---	---
LS107	---	---	3	2.2	---	---	---	---	---	---
LS108	---	---	22	11.4	---	---	---	---	---	---
LS109	---	---	20	11.0	---	---	13	7.2	2	1.1

Site No.	Pinedale B/W		Indeterminate Painted		Indeterminate Red Ware		Wingate B/R		Querino Poly.	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS110	---	---	1	25.0	---	---	---	---	---	---
LS111	---	---	30	19.5	---	---	3	2.0	---	---
LS112	---	---	4	3.8	---	---	1	1.0	---	---
LS113	---	---	5	16.1	---	---	---	---	---	---
LS117	---	---	4	23.5	---	---	---	---	---	---
LS118	---	---	9	45.0	---	---	---	---	---	---
LS119	---	---	6	17.6	---	---	1	2.9	---	---
LS120	---	---	22	27.8	---	---	---	---	---	---
LS121	---	---	4	33.3	---	---	---	---	---	---
LS122	---	---	11	28.2	---	---	---	---	---	---
LS123	---	---	1	5.9	---	---	---	---	---	---
LS124	---	---	7	10.7	---	---	1	1.5	---	---
LS125	---	---	20	25.0	---	---	---	---	---	---
LS127	---	---	20	24.6	---	---	1	1.2	---	---
LS128	---	---	3	14.3	---	---	---	---	---	---
LS129	---	---	3	27.3	---	---	---	---	---	---
LS132	---	---	2	11.1	---	---	---	---	---	---
LS133	---	---	---	---	---	---	---	---	---	---
LS134	---	---	5	21.7	---	---	---	---	---	---
LS135	---	---	5	14.3	---	---	---	---	---	---

Site No.	Pinedale B/W		Indeterminate Painted		Indeterminate Red Ware		Wingate B/R		Querino Poly.	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS136	---	---	21	41.2	---	---	---	---	---	---
LS137	---	---	8	10.9	---	---	11	15.0	---	---
LS138*	---	---	---	---	---	---	---	---	---	---
LS139	---	---	---	---	---	---	---	---	---	---
LS140	---	---	11	14.4	---	---	1	1.3	---	---
LS141	---	---	3	16.7	---	---	---	---	---	---
LS142*	---	---	27	46.4	---	---	1	1.7	---	---
LS144	---	---	11	15.0	---	---	2	2.7	---	---
LS145	---	---	---	---	---	---	---	---	---	---
LS146	---	---	---	---	---	---	---	---	---	---
LS148	---	---	---	---	---	---	---	---	---	---
LS150	---	---	2	5.1	---	---	---	---	---	---
LS151*	---	---	8	11.0	---	---	2	2.8	---	---
LS152	---	---	---	---	---	---	---	---	---	---
LS153	---	---	23	29.0	---	---	---	---	---	---
LS154*	---	---	10	7.2	---	---	11	7.9	---	---
LS155*	---	---	16	11.5	---	---	8	5.8	---	---
LS156*	---	---	26	8.6	---	---	38	12.5	2	0.7
LS157	---	---	31	36.3	---	---	---	---	---	---
LS158	---	---	21	25.0	---	---	4	4.8	---	---

Site No.	Pinedale B/W		Indeterminate Painted		Indeterminate Red Ware		Wingate B/R		Querino Poly.	
	No.	%	No.	%	No.	%	No.	%	No.	%
LS158	---	---	21	25.0	---	---	4	4.8	---	---
LS161	---	---	---	---	---	---	---	---	---	---
LS169*	---	---	11	39.2	---	---	---	---	---	---
LS170	---	---	1	12.5	---	---	---	---	---	---

*

LS169 yielded 3 sherds of Black Mesa B/W (10.7%)

Sherd Analysis Used in Seriation

I. Site Totals

<u>Pottery Type</u>	Sample Provenience - Site					
	<u>Goesling</u>		<u>Rhoton</u>		<u>Chilcott</u>	
	No.	%	No.	%	No.	%
Chaco Black-on-White						
Four Mile Polychrome						
Four Mile Exterior, Kwakina Interior						
Gila Black-on-Red						
Gila Polychrome						
Heshota-uthla Polychrome						
Houck Polychrome						
Jeddito Black-on-Orange						
Jeddito Black-on-Yellow						
Kiatuthlanna Black-on-White	228	14.37			41	5.89
Kwakina Polychrome						
Kwakina Interior, Querino Exterior						
Lino Gray						
Matsaki Polychrome						
Mimbres Black-on-White						
Pinedale Black-on-Red						
Pinedale Polychrome						
Pinnawa Glaze-on-White						
Pinnawa Black-on-Red						
Pinnawa Red-on-White						
Pinnawa Polychrome						

Sherd Analysis Used in Seriation

I. Site Totals (continued)

<u>Pottery Type</u>	Sample Provenience - Site					
	<u>Goesling</u>		<u>Rhoton</u>		<u>Chilcott</u>	
	No.	%	No.	%	No.	%
Pinto Polychrome						
Puerco Black-on-Red						
Puerco Black-on-White						
Querino Polychrome						
Red Mesa Black-on-White	1348	84.94	5	12.20	12	1.73
Reserve Black-on-White			3	7.32	105	15.11
Roosevelt Black-on-White						
St. Johns Polychrome						
Show Low Black-on-Red					1	0.15
Snowflake Black-on-White			31	75.61	485	69.78
Springerville Polychrome						
Tonto Polychrome						
Tularosa Black-on-White			2	4.87	47	6.76
Tularosa Black-on-Red						
White Mound Black-on-White	10	0.63				
Wingate Black-on-Red	1	0.06				
Total	1587		41		695	

Sherd Analysis Used in Seriation

I. Site Totals (continued)

<u>Pottery Type</u>	Sample Provenience - Site					
	<u>Thode</u>		<u>Rim Valley</u>		<u>Hooper</u>	
	No.	%	No.	%	No.	%
Chaco Black-on-White					12	0.24
Four Mile Polychrome					163	3.26
Four Mile Exterior, Kwakina Interior					8	0.16
Gila Black-on-Red					2	0.04
Gila Polychrome					17	0.34
Heshota-uthla Polychrome					425	8.50
Houck Polychrome			3	0.72	15	0.30
Jeddito Black-on-Orange					1	0.02
Jeddito Black-on-Yellow					3	0.06
Kiatuthlanna Black-on-White	15	6.45	6	1.44	7	0.15
Kwakina Polychrome					197	3.94
Kwakina Interior, Querino Exterior					7	0.15
Lino Gray					3	0.06
Matsaki Polychrome					3	0.06
Mimbres Black-on-White					1	0.02
Pinedale Black-on-Red					390	7.80
Pinedale Polychrome					331	6.62
Pinnawa Glaze-on-White					11	0.22
Pinnawa Black-on-Red					10	0.20
Pinnawa Red-on-White					6	0.12
Pinnawa Polychrome					2	0.04

Sherd Analysis Used in Seriation

I. Site Totals (continued)

<u>Pottery Type</u>	Sample Provenience - Site					
	<u>Thode</u>		<u>Rim Valley</u>		<u>Hooper</u>	
	No.	%	No.	%	No.	%
Pinto Polychrome					1	0.02
Puerco Black-on-Red					12	0.24
Puerco Black-on-White					1	0.02
Querino Polychrome					91	1.82
Red Mesa Black-on-White			6	1.44	39	0.78
Reserve Black-on-White	20	8.59	143	34.21	117	2.34
Roosevelt Black-on-White					2	0.04
St. Johns Polychrome			2	0.47	528	10.56
Show Low Black-on-Red					12	0.24
Snowflake Black-on-White	165	70.79	120	28.71	30	0.60
Springerville Polychrome					49	0.98
Tonto Polychrome					2	0.04
Tularosa Black-on-White	31	13.30	97	23.21	2093	41.88
Tularosa White-on-Red			2	0.47	15	0.30
White Mound Black-on-White					2	0.04
Wingate Black-on-Red	2	0.87	39	9.33	390	7.80
Total	233		418		4998	

Sherd Analysis Used in Seriation

II. Analysis of Samples in Each Site

A.) Goessling Ranch

Sample Provenience - Room

<u>Pottery Type</u>	<u>A, Floor 2</u>		<u>A, Below Floor 1</u>		<u>A, Floor 1</u>		<u>A, Trench</u>	
	No.	%	No.	%	No.	%	No.	%
Kiatuthlanna Black-on-White	23	7.50	90	19.31	31	13.30	76	16.74
Red Mesa Black-on-White	283	92.18	373	80.04	201	86.27	373	82.16
White Mound Black-on-White	1	0.32	3	0.65	1	0.43	5	1.10
Total	307		466		233		454	

B.) Chilcott Ranch

Sample Provenience - (Rooms in Site 1)

<u>Pottery Type</u>	<u>6, Below Floor</u>		<u>5, Fill</u>		<u>1, Fill</u>		<u>6, Fill</u>	
	No.	%	No.	%	No.	%	No.	%
Kiatuthlanna Black-on-White					7	5.89	2	6.06
Red Mesa Black-on-White	1	2.04					1	3.04
Reserve Black-on-White	22	44.90	11	31.43	28	23.53	4	12.12
Show Low Black-on-Red								
Snowflake Black-on-White	23	46.94	21	60.00	74	62.17	23	69.69
Tularosa Black-on-White	3	6.12	3	8.57	10	8.41	3	9.09
Wingate Black-on-Red								
Total	49		35		119		33	

Sherd Analysis Used in Seriation

II. Analysis of Samples in Each Site (Continued)

B.) Chilcott Ranch (Continued)

Sample Provenience
(Rooms in Site 1; Sites 2 and 3)

<u>Pottery Type</u>	<u>2, Fill</u>		<u>4, Fill</u>		<u>3, Fill</u>		<u>Site 3</u>		<u>Site 2</u>	
	No.	%	No.	%	No.	%	No.	%	No.	%
Kiatuthlanna Black-on-White	20	9.35	12	11.65						
Red Mesa Black- on-White	1	0.47	7	6.80			2	6.90		
Reserve Black- on-White	28	13.08	6	5.82	2	8.00			2	2.60
Show Low Black- on-Red	1	0.47								
Snowflake Black- on-White	150	70.10	70	67.97	21	84.00	25	86.20	70	90.90
Tularosa Black- on-White	14	6.53	7	6.80	2	8.00	2	6.90	2	2.60
Wingate Black-on- Red			1	0.96					3	3.90
Total	214		103		25		29		77	

C.) Rim Valley Site

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>A, Floor</u>		<u>C, Floor</u>		<u>C, Fill</u>		<u>B, Floor</u>	
	No.	%	No.	%	No.	%	No.	%
Houck Polychrome							1	1.42
Kiatuthlanna Black-on- White							1	1.42
Red Mesa Black-on-White							1	1.42
Reserve Black-on-White	14	60.87	11	42.31	26	35.62	23	32.87

Sherd Analysis Used in Seriation

II. Analysis of Samples in Each Site (continued)

C.) Rim Valley Site (continued)

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>A, Floor</u>		<u>C, Floor</u>		<u>C, Fill</u>		<u>B, Floor</u>	
	No.	%	No.	%	No.	%	No.	%
St. Johns Polychrome	1	4.35						
Snowflake Black-on-White	4	17.39	9	34.61	23	31.50	30	42.87
Tularosa Black-on-White			4	15.38	9	12.33	10	14.29
Wingate Black-on-Red	4	17.39	2	7.70	15	20.55	4	5.71
Total	23		26		73		70	

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>A, Fill</u>		<u>B, Fill</u>		<u>F, Floor</u>		<u>H, Floor</u>	
	No.	%	No.	%	No.	%	No.	%
Houck Polychrome								
Kiatuthlanna Black-on-White	1	2.23	2	6.90	1	3.33		
Red Mesa Black-on-White					1	3.33		
Reserve Black-on-White	7	15.55	2	6.90	4	13.34	27	54.00
St. Johns Polychrome								
Snowflake Black-on-White	15	33.33	11	37.93	9	30.00	1	2.00
Tularosa Black-on-White	14	31.11	10	34.48	15	50.00	22	44.00
Wingate Black-on-Red	8	17.78	4	13.79				
Total	45		29		30		50	

Sherd Analysis Used in Seriation

II. Analysis of Samples in Each Site (continued)

D.) The Hooper Ranch Site

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>3A, Floor 2</u>		<u>10A, Floor 2</u>		<u>4A, Floor 2</u>		<u>5A, Below Floor 1</u>	
	No.	%	No.	%	No.	%	No.	%
Chaco Black-on-White								
Four Mile Polychrome			1	1.55				
Gila Polychrome								
Heshota-uthla Polychrome					4	0.68		
Houck Polychrome					1	0.18	1	2.56
Kiatuthlanna Black-on-White								
Kwakina Polychrome			2	3.11				
Kwakina Interior, Querino Exterior								
Mimbres Black-on-White								
Pinedale Black-on-Red			15	23.45	132	22.60	3	7.70
Pinedale Polychrome			16	25.01	17	2.91	1	2.56
Puerco Black-on-Red								
Querino Polychrome					50	8.56		
Red Mesa Black-on-White	1	3.70						
Reserve Black-on-White	20	74.07			1	0.18	1	2.56
St. Johns Polychrome			9	14.07	88	15.07	3	7.70
Show Low Black-on-Red								
Snowflake Black-on-White	1	3.70						
Springerville Polychrome			1	1.55				

Sherd Analysis Used in Seriation

II. Analysis of Samples in Each Site (continued)

D.) The Hooper Ranch Site (continued)

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>3A, Floor 2</u>		<u>10A, Floor 2</u>		<u>4A, Floor 2</u>		<u>5A, Below Floor 1</u>	
	No.	%	No.	%	No.	%	No.	%
Tularosa Black-on-White	5	18.53	20	31.26	276	47.25	30	76.92
Wingate Black-on-Red					15	2.57		
Total	27		64		584		39	

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>9A, Floor 2</u>		<u>9A, Floor 1</u>		<u>12A, Floor</u>	
	No.	%	No.	%	No.	%
Chaco Black-on-White						
Four Mile Polychrome					1	3.57
Gila Polychrome						
Heshota-uthla Polychrome			2	5.26	4	13.33
Houck Polychrome						
Kiatuthlanna Black-on-White						
Kwakina Polychrome					1	3.57
Kwakina Interior, Querino Exterior						
Mimbres Black-on-White						
Pinedale Black-on-Red					1	3.34
Pinedale Polychrome					4	13.33
Puerco Black-on-Red						
Querino Polychrome					1	3.57

Sherd Analysis Used in Seriation

II. Analysis of Samples in Each Site (continued)

D.) The Hooper Ranch Site (continued)

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>9A, Floor 2</u>		<u>9A, Floor 1</u>		<u>12A, Floor</u>	
	No.	%	No.	%	No.	%
Red Mesa Black-on-White	2	5.26				
Reserve Black-on-White	1	2.63			1	3.57
St. Johns Polychrome	4	10.53	2	6.67	3	10.72
Show Low Black-on-Red						
Snowflake Black-on-White						
Springerville Polychrome			1	3.34		
Tularosa Black-on-White	29	76.32	18	59.99	14	49.99
Wingate Black-on-Red						
Total	38		30		28	

Sample Provenience - Rooms and Kivas

<u>Pottery Type</u>	<u>Kiva 1, Floor 1</u>		<u>Kiva 3, Floor</u>		<u>8A Floor</u>		<u>5B Floor</u>	
	No.	%	No.	%	No.	%	No.	%
Chaco Black-on-White					4	9.30		
Four Mile Polychrome	3	2.65	54	10.48				
Gila Polychrome	3	2.65	3	0.59				
Hestota-uthla Polychrome	9	7.96	55	10.68	8	18.59		
Houck Polychrome			3	0.59				
Kiatuthlanna Black-on- White	2	1.78						

Sherd Analysis Used in Seriation

II. Analysis of Samples in Each Site (continued)

D.) The Hooper Ranch Site (continued)

Sample Provenience - Rooms

<u>Pottery Type</u>	<u>Kiva 1, Floor 1</u>		<u>Kiva 3, Floor</u>		<u>8A Floor</u>		<u>5B Floor</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
Kwakina Polychrome	7	6.20	15	2.91	3	6.98	2	2.40
Kwakina Interior, Querino							2	2.40
Mimbres Black-on-White							1	1.21
Pinedale Black-on-Red			5	0.98	1	2.33	5	6.03
Pinedale Polychrome	13	11.50	18	3.49	4	9.30		
Puerco Black-on-Red					1	2.33		
Querino Polychrome			1	0.20	1	2.33		
Red Mesa Black-on-White			10	1.94				
Reverse Black-on-White	5	4.42	9	1.75				
St. Johns Polychrome	9	7.98	60	11.64	1	2.33	67	80.73
Show Low Black-on-Red	1	0.89						
Snowflake Black-on- White	1	0.89	10	1.94				
Springerville Polychrome	2	1.78	7	1.37			6	7.23
Tularosa Black-on- White	58	51.32	180	34.94	17	39.53		
Wingate Black-on-Red			85	16.50	3	6.98		
Total	113		515		43		83	

SHERD ANALYSIS - GOESLING SITERoom A (Part 1)

	:	:	:	:	:	:	: Lev. 2
DECORATED WARE	:	:	: Fill:	:	: Lev.:	:	: Fill
	:	:	: Lev.:	Flr.: 1	: South:	:	&
	: Tr'ch:	Flr.: 2	:	2	: Wall:	Rec.:	Flr.
	: No.:	No.:	No.:	No.:	No.:	No.:	No.:
Kiatuthlanna B/W	63	31	90	23	11	2	8
Red Mesa B/W	341	201	373	283	19	13	97
White Mound B/W	5	1	3	1	-	-	-
Wingate B/R	-	-	-	-	-	1	-
Indeterminate B/W	<u>173</u>	<u>43</u>	<u>167</u>	<u>94</u>	<u>10</u>	<u>30</u>	<u>36</u>
Sub-total	582	276	633	401	40	46	141
TEXTURED WARE							
Brown Indented Corrugated	3	-	-	-	-	-	-
Brown Plain Corrugated	-	-	-	-	-	-	1
Gray Corrugated Bottom	400	243	398	302	24	15	151
Gray Indented Corrugated	19	35	27	27	1	-	1
Gray Plain Corrugated	50	6	81	26	-	2	13
Incised Corrugated	-	12	-	11	2	-	3
Kana-a Gray	101	51	146	94	12	4	29
Punched Corrugated	3	-	6	-	-	-	-
Reserve Punctate Corrugated	2	-	-	-	-	-	-
Wavy or Exuberant Corrugated	<u>18</u>	<u>13</u>	<u>29</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>
Sub-total	596	360	687	460	39	21	199

SHERD ANALYSIS - GOESLING SITE

Room A (Part 1) - continued

	:	:	:	:	:	:	: Lev. 2
	:	:	: Fill:	:	: Lev.:	:	: Fill
	:	:	: Lev.:	Flr.: 1	:	: South:	&
PLAIN WARE	: Tr'ch:	Flr.: 2	:	2	: Wall:	Rec.:	Flr.
	: No.	: No.	: No.	: No.	: No.	: No.	: No.
Alma Plain	28	11	35	22	1	6	7
Lino Gray	9	6	6	3	-	-	-
Pink Lino Gray	-	-	33	26	-	-	18
Reserve Smudged	33	17	41	26	4	-	16
San Francisco Red, Smu. Int.	-	-	-	-	1	-	-
Sub-total	70	34	115	77	6	6	41
GRAND TOTAL	1248	670	1435	938	85	73	381

SHERD ANALYSIS - GOESLING SITE
Room A (Part 2), Room B and Totals

	: A :		: B :		: Totals	
	: Lower:	: Fire-:	:	:	:	:
	: Fill :	: pit &:	:	:	:	:
	: & :	: below:	:	:	:	:
	: Flr. :	: Flr.l:Tr	: ch:Flr.:	:	:	:
	: No. :	: No. :	: No. :	: No. :	: No. :	: %
DECORATED WARE						
Kiatuthlanna B/W	-	3	-	-	231	4.63
Red Mesa B/W		16	18	-	1364	27.35
White Mound B/W	-	-	-	-	10	0.20
Wingate B/R	-	-	-	-	1	0.02
Indeterminate B/W	-	8	14	4	579	11.61
Sub-total	3	27	32	4	2185	43.81
TEXTURED WARE						
Brown Indented Corrugated	-	-	-	-	3	0.06
Brown Plain Corrugated	-	-	1	-	2	0.04
Gray Corrugated Bottom	-	12	10	-	1555	31.17
Gray Indented Corrugated	-	-	-	-	110	2.21
Gray Plain Corrugated	-	7	-	-	185	3.71
Incised Corrugated	-	-	-	-	28	0.56
Kana-a Gray	4	11	8	-	460	9.22
Punched Corrugated	-	-	2	-	11	0.22
Reserve Punctate Corrugated	-	-	-	-	2	0.04
Wavy or Exuberant Corrugated	-	-	-	-	61	1.22
Sub-total	4	30	21	-	2417	48.45

SHERD ANALYSIS - GOESLING SITE

Room A (Part 2), Room B and Totals - continued

PLAIN WARE	A		B		Totals	
	: Lower:	Fire-:	:	:	:	:
	: Fill :	pit &:	:	:	:	:
	: & :	below:	:	:	:	:
	: Flr. :	Flr.1:Tr'ch:	Flr.:	:	:	:
	: No. :	No. :	No. :	No. :	No. :	%
Alma Plain	-	-	10	-	120	2.41
Lino Gray	-	-	19	-	43	0.86
Pink Lino Gray	-	-	-	-	77	1.54
Reserve Smudged	-	4	4	-	145	2.91
San Francisco Red, Smu. Int.	-	-	-	-	1	0.02
Sub-total	-	4	33	-	386	7.74
GRAND TOTALS	7	61	86	4	4988	100.00

SHERD ANALYSIS - THODE SITE

Rooms A - G

	:Hse.:	Hse.:	Room	:Room:	Room:	Room:	Room:	Room:
	: A :	B :	C	: D :	E :	F :	G	
	:Fill:	Fill:	Fill:	Flr.:	Fill:	Fill:	Fill:	
	:No. :	No. :	No. :	No. :	No. :	No. :	No. :	No. :
DECORATED WARE								
Kiatuthlanna B/W	4	-	3	-	4	1	3	-
Reserve B/W	5	4	1	-	6	-	4	-
Snowflake B/W	11	1	9	-	51	29	50	1
Tularosa B/W	1	2	2	-	15	2	8	-
Wingate B/R	-	-	-	-	1	-	1	-
Indeterminate B/W	<u>27</u>	<u>3</u>	<u>21</u>	<u>-</u>	<u>53</u>	<u>39</u>	<u>47</u>	<u>7</u>
Sub-total	48	10	36	-	130	71	113	8
TEXTURED WARE								
Brown Plain Corrugated	2	2	1	-	3	1	1	-
Brown Plain Corr., Sm. Int.	-	-	-	-	-	-	1	-
Brown Indented Corrugated	27	-	16	-	20	38	37	3
Brown Ind. Corr., Sm. Int.	-	-	-	-	2	-	-	-
Patterned Corrugated	-	2	1	-	1	-	1	-
Gray Indented Corrugated	-	-	-	-	-	-	2	-
Indeterminate	<u>-</u>	<u>-</u>	<u>1</u>	<u>-</u>	<u>2</u>	<u>-</u>	<u>-</u>	<u>-</u>
Sub-total	29	4	19	-	28	39	42	3
PLAIN WARE								
Alma Plain	2	3	3	-	3	20	16	-
San Francisco Red	-	-	-	-	-	-	3	-
Woodruff Smudged	-	-	-	-	2	-	1	-
Indeterminate Red Ware	<u>17</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>	<u>-</u>	<u>-</u>
Sub-total	19	4	3	-	5	21	20	-
GRAND TOTALS	96	18	58	-	163	131	175	11

SHERD ANALYSIS - THODE SITE
Rooms H - K, and Totals

DECORATED WARE	:Room:Room:Room:Room:				Totals	
	: H :	I :	J :	K :		
	:Fill:	:	:	:	No. :	%
	:No. :	No. :	No. :	No. :	No. :	%
Kiatuthlanna B/W	-	-	1	-	16	2.09
Reserve B/W	-	-	-	-	20	2.61
Snowflake B/W	3	2	5	14	176	23.01
Tularosa B/W	-	-	1	1	32	4.18
Wingate B/R	-	-	1	-	3	0.39
Indeterminate B/W	<u>8</u>	<u>12</u>	<u>10</u>	<u>3</u>	<u>230</u>	<u>30.07</u>
Sub-total	11	14	18	18	477	62.35
TEXTURED WARE						
Brown Plain Corrugated	-	2	3	-	15	1.96
Brown Pl. Corr., Sm. Int.	-	-	-	-	1	0.13
Brown Indented Corrugated	16	-	14	8	179	23.40
Brown Ind. Corr., Sm. Int.	-	-	-	-	2	0.26
Patterned Corrugated	3	-	-	-	8	1.05
Gray Indented Corrugated	-	-	-	-	2	0.26
Indeterminate	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>3</u>	<u>0.39</u>
Sub-total	19	2	17	8	210	27.45
PLAIN WARE						
Alma Plain	-	-	4	-	51	6.67
San Francisco Red	-	-	-	-	3	0.39
Woodruff Smudged	-	-	1	-	4	0.52
Indeterminate Red Ware	<u>-</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>20</u>	<u>2.61</u>
Sub-total	-	1	5	-	78	10.19
GRAND TOTALS	30	17	40	26	765	99.99

SHERD ANALYSIS - RIM VALLEY PUEBLO
Rooms A - C (continued)

TEXTURED WARE (continued)	A			B			C		
	:	:	:Fill:	:	:	:Fill:	:	:	:Fill:
	:	:	:Below:	:	:	:Below:	:	:	:Below:
	:Flr.:	:Fill:	:Flr.:	:Flr.:	:Fill:	:Flr.:	:Flr.:	:Fill:	:Flr.:
	:No.	:No.	:No.	:No.	:No.	:No.	:No.	:No.	:No.
Tularosa Fillet Rim	-	-	-	-	-	-	1	2	-
Indeterminate	<u>1</u>	<u>4</u>	<u>-</u>	<u>1</u>	<u>6</u>	<u>-</u>	<u>5</u>	<u>9</u>	<u>-</u>
Sub-total	61	119	8	221	115	24	56	247	6
PLAIN WARE									
Alma Plain	2	5	-	3	2	-	8	6	-
San Francisco Red	-	-	-	-	1	-	-	-	-
Woodruff Smudged	6	2	1	71	6	3	8	11	-
Indeterminate	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2</u>	<u>-</u>	<u>-</u>
Sub-total	8	7	1	74	9	3	18	17	-
GRAND TOTAL	95	180	10	409	162	47	120	359	7

SHERD ANALYSIS - RIM VALLEY PUEBLO

Room D - G

	D		E		F			G	
	: :Flr.: :No.:	: :Fill: :No.:	: :Flr.: :No.:	: :Fill: :No.:	: :Flr.: :No.:	: :Fill: :No.:	: :Flr.: :No.:	: :Fill: :No.:	: :No.:
DECORATED WARE									
Houck Polychrome	-	1	-	-	-	-	-	-	-
Kiatuthlanna B/W	-	-	-	-	1	-	-	-	1
Red Mesa B/W	-	2	-	-	1	-	1	1	-
Reserve B/W	-	2	-	-	4	1	3	12	4
Snowflake B/W	-	3	-	4	9	1	-	2	6
Tularosa B/W	-	6	-	-	15	2	-	1	1
Wingate B/R	-	-	-	-	-	1	-	-	-
Indeterminate B/R	-	2	-	-	-	-	-	-	-
Indeterminate B/W	-	7	-	1	6	4	-	1	2
Sub-total	0	23	0	5	36	9	4	17	14
TEXTURED WARE									
Brown Plain Corrugated	-	10	-	-	5	3	-	-	3
Brown Pl. Corr., Sm. Int.	-	3	-	-	14	1	-	1	8
Brown Indented Corrugated	6	24	-	5	32	16	-	8	22
Brown Ind. Corr., Sm. Int.	-	24	-	2	16	5	4	-	23
Gray Indented Corrugated	-	1	-	-	-	-	-	-	-
Incised Corrugated	-	-	-	-	-	1	-	-	-
McDonald Corrugated Plain	-	-	-	-	-	1	-	-	-
McDonald Corr. Indented	-	2	-	-	2	2	-	-	-
McDonald Corr. Patterned	-	2	-	-	6	-	-	-	-

SHERD ANALYSIS - RIM VALLEY PUEBLO
Rooms D - G (continued)

TEXTURED WARE (continued)	:	:	:	:	:	:	:Fill:	:	:
	:	:	:	:	:	:	:Below:	:	:
	:Flr.:	Fill:	Flr.:	Fill:	Flr.:	Fill:	Flr.:	Flr.:	Fill:
	:No.:	:No.:	:No.:	:No.:	:No.:	:No.:	:No.:	:No.:	:No.:
Patterned Corrugated	-	3	-	-	8	3	-	-	-
Tularosa Fillet Rim	-	-	-	-	-	-	-	-	1
Zoned Corrugated	-	-	-	-	3	-	-	-	-
Indeterminate	-	2	-	1	2	-	-	-	-
Sub-total	6	71	-	8	88	32	4	9	57
PLAIN WARE									
Alma Plain	-	1	-	-	1	1	-	-	-
San Francisco Red, Sm. Int.	-	1	-	-	-	-	-	-	-
Woodruff Smudged	-	1	-	-	7	1	-	1	1
Sub-total	0	3	-	-	8	2	-	1	1
GRAND TOTAL	6	97	-	13	132	43	8	27	72

SHERD ANALYSIS - RIM VALLEY PUEBLO
Rooms H - I

DECORATED WARE	H			I	
	: :Flr.: :No.	: :Fill: :No.	: :Flr.: :No.	: :Flr.: :No.	: :Fill: :No.
Houck Polychrome	-	-	-	-	1
Red Mesa B/W	-	-	-	1	-
Reserve B/W	27	5	3	2	2
St. Johns Polychrome	-	-	-	-	1
Snowflake B/W	1	-	-	1	1
Tularosa B/W	22	2	-	1	-
Tularosa W/R	-	-	-	-	2
Wingate B/R	-	-	-	1	-
Indeterminate B/R	1	-	-	1	-
Indeterminate B/W	8	3	1	4	6
Sub-total	59	10	4	11	13
TEXTURED WARE					
Brown Plain Corrugated	1	-	-	1	1
Brown Pl. Corr., Smudged Int.	-	2	-	8	10
Brown Indented Corrugated	9	3	1	14	8
Brown Ind. Corr., Smu. Int.	2	9	4	18	12
McDonald Corrugated Plain	-	2	-	-	-
McDonald Corrugated Indented	-	-	-	-	-
McDonald Corr. Patterned	1	-	-	-	-

SHERD ANALYSIS - RIM VALLEY PUEBLO
Rooms H - I (continued)

	H			I	
	: :No.	: :No.	:Fill: :No.	: :No.	: :No.
TEXTURED WARE (continued)	: :	: :	:Fill: :Below:	: :	: :
	:Flr.:	:Fill:	:Flr.:	:Flr.:	:Fill
	:No.	:No.	:No.	:No.	:No.
Patterned Corrugated	1	-	-	1	3
Tularosa Fillet Rim	-	-	-	-	1
Indeterminate	<u>1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Sub-total	15	16	5	42	35
PLAIN WARE					
Alma Plain	-	1	1	1	-
Reserve Smudged	-	-	-	-	-
Woodruff Smudged	<u>-</u>	<u>1</u>	<u>2</u>	<u>-</u>	<u>4</u>
Sub-total	-	2	3	1	4
GRAND TOTAL	74	28	12	54	52

SHERD ANALYSIS - RIM VALLEY PUEBLO
Rooms J - K, Plaza and Totals

DECORATED WARE	J		K		Plaza		Totals	
	:	:	:	:	:	:	:	:
	:	:Fill:	:	:	:	:	:	:
	:Flr.:	Flr.:	:Fill:	Flr.:	:Fill:	Flr.:	:	:
	:No.:	:No.:	:No.:	:No.:	:No.:	No.:	%	
Houck Polychrome	-	-	-	-	-	-	3	0.14
Kiatuthlanna B/W	-	-	-	-	-	-	6	0.27
Red Mesa B/W	-	-	-	-	-	-	11	0.50
Reserve B/W	1	-	-	2	5	166	7.59	
St. Johns Polychrome	-	-	-	-	-	-	2	0.09
Snowflake B/W	-	-	-	4	7	132	6.03	
Tularosa B/W	-	-	-	2	2	101	4.62	
Tularosa W/R	-	-	-	-	-	-	2	0.09
Wingate B/R	-	5	2	4	-	50	2.29	
Indeterminate B/R	-	-	-	1	2	8	0.37	
Indeterminate B/W	<u>1</u>	<u>-</u>	<u>2</u>	<u>6</u>	<u>4</u>	<u>169</u>	<u>7.72</u>	
Sub-total	2	5	4	19	20	650	29.71	
TEXTURED WARE								
Brown Plain Corrugated	-	1	2	-	4	77	3.52	
Brown Pl. Corr., Smudged Int.	5	-	-	-	7	106	4.84	
Brown Indented Corrugated	1	-	-	9	24	528	24.13	
Brown Ind. Corr., Smudged Int.	5	5	3	9	30	506	23.13	
Gray Indented Corrugated	-	-	-	-	-	1	0.05	
Incised Corrugated	-	-	-	-	-	3	0.14	

SHERD ANALYSIS - RIM VALLEY PUEBLO
Rooms J - K, Plaza and Totals (continued)

TEXTURED WARE (continued)	J			K	Plaza	Totals	
	:	:	:Fill:	:	:	:	:
	:	:	:Below:	:	:	:	:
	:Flr.:	Fill:	Flr.:	Fill:	Flr.:	Fill:	:
	:No.:	No.:	No.:	No.:	No.:	No.:	%
McDonald Corrugated Plain	-	-	-	1	-	6	0.27
McDonald Corrugated Indented	-	-	1	-	1	19	0.87
McDonald Corrugated Patterned	-	-	-	1	-	10	0.46
Patterned Corrugated	-	-	-	1	3	58	2.65
Punched Corrugated	-	-	-	-	-	4	0.18
Tularosa Fillet Rim	-	-	-	-	-	5	0.23
Zoned Corrugated	-	-	-	-	-	3	0.14
Indeterminate	-	-	-	3	-	35	1.60
Sub-total	11	6	6	24	69	1361	62.21
PLAIN WARE							
Alma Plain	-	-	-	-	1	33	1.51
Reserve Smudged	-	2	-	-	-	2	0.09
San Francisco Red	-	-	-	-	1	2	0.09
San Francisco Red, Smu. Int.	-	-	-	-	-	1	0.05
Woodruff Smudged	3	-	-	1	5	135	6.17
Indeterminate	-	-	-	-	2	4	0.18
Sub-total	3	2	-	1	9	177	8.09
GRAND TOTAL	16	13	10	44	98	2188	100.01

SHERD ANALYSIS - GREAT KIVA, HOOPER RANCH

DECORATED WARE	: :All :Fill :No.	:Floor :and all :features: :in it :No.	: : : :Entry :No.	: : : : :No. :	Totals : : : : %
	Four Mile Polychrome	36	54	2	92
Gila Polychrome	8	3	-	11	0.24
Heshota-uthla Polychrome	33	55	7	95	2.08
Houck Polychrome	6	3	1	10	0.22
Kwakina Polychrome	63	15	8	86	1.88
Kiatuthlanna B/W	2	-	1	3	0.07
Lino B/G	3	-	-	3	0.07
Pinedale B/R	14	5	-	19	0.42
Pinedale Polychrome	51	18	4	73	1.60
Pinnawa G/W	7	-	-	7	0.15
Pinnawa B/R	6	-	-	6	0.13
Pinnawa R/W	3	-	-	3	0.07
Pinnawa Polychrome	1	-	-	1	0.02
Querino Polychrome	4	1	-	5	0.11
Red Mesa B/W	3	10	-	13	0.28
Reserve B/W	3	9	-	12	0.26
St. Johns Polychrome	76	60	7	143	3.13
Show Low B/R	3	-	-	3	0.07
Snowflake B/W	5	10	-	15	0.33

SHERD ANALYSIS - GREAT KIVA, HOOPER RANCH
(continued)

DECORATED WARE (continued)	: :All :Fill :No.	:Floor :and all :features: :in it :No.	: : :Entry :No.	: : : :No.	Totals : : : :No. : %
Springerville Polychrome	3	7	1	11	0.24
Tularosa B/W	301	180	21	502	11.00
Wingate B/R	218	85	6	309	6.77
Indeterminate B/R	156	119	13	288	6.31
Indeterminate B/W	59	110	9	178	3.90
Indeterminate W/R	5	1	-	6	0.13
Indeterminate Polychrome (and Glaze - 1 only)	<u>20</u>	<u>6</u>	<u>5</u>	<u>31</u>	<u>0.68</u>
Sub-total	1089	751	85	1925	42.18
TEXTURED WARE					
Alma Scored	1	1	-	2	0.04
Brown Plain Corrugated	412	219	45	676	14.81
Brown Pl. Corr., Sm. Int.	93	60	19	172	3.77
Brown Indented Corrugated	431	315	40	786	17.22
Brown Ind. Corr., Sm. Int.	222	169	17	408	8.94
Incised Corrugated	7	15	-	22	0.48
McDonald Corrugated Indented	12	1	-	13	0.28
McDonald Corr. Patterned	1	-	-	1	0.02
Patterned Corrugated	47	40	4	91	1.99
Punched Corrugated	12	-	-	12	0.26

