

**COLLECTION:** Papers of Frank H.H. Roberts at the National Anthropological Archives

**CDI  
ACCESSION  
NUMBER:**

000079

**ERRATA:**

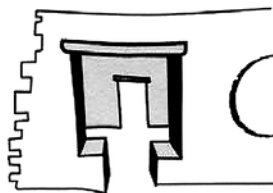
Copy blurry in some places.

**COMMENTS:**

Handwritten annotations.

**CITATION:**

Judd, Neil Merton  
1925 Judd's and Shepard's notes on the analysis of the pottery test sections. In Papers of Frank H. H. Roberts, Box 1, National Anthropological Archives, Smithsonian Institution, Washington, D. C.



CHACO DIGITAL INITIATIVE

1975

Seals 102

Black on white series

Rims in sherds - Strata	A	B	C	D-upper	D-lower	E-upper	E-lower	F-upper	F-lower	G	H	I	J	K	Totals
Sections	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
Pitchers		1 3	3 4				1	1	1	4					7 5
Ollas	1 2														1 2
Sloping necked jars		1		1	2	1		1 2		3 3		1			8 6
Ladies			1	2 1	1			2		2					7 2
Seed Jars		2													2

Bow rim characteristics	A	B	C	D-upper	D-lower	E-upper	E-lower	F-upper	F-lower	G	H	I	J	K	Total
Section No 1															
Total number	8	20	21	17	13	19	17	10	19	16	2	1			162
Exterior slip absent		1		1	3	3	3		2						13 8
No paint on lip									3	1					4 2.5
Section No 2															
Total number	6	15	22	16		10		25		18	6	8	1		127
Exterior slip absent	2	2	5	1				6		1			1		16 12.5
No paint on lip	1	6	6			1		2							16 12.5

EDCO Efficiency

N 340-2

EUGENE DIETZGEN CO  
Chicago and New York



Sects 1 & 2

1975

Pottery sections, Strata		A	B	C	Dupper	Pilener	E-upper	E-lower	F-upper	F-lower	G	H	I	J	K	Totals																
Section Number ①																																
Total number sherds		185	514	476	381	251	361	256	304	362	435	33	15	19	1	3593																
Pottery types	Black on White	93	50	215	42	259	55	199	47	104	41	153	42	126	50	135	44	160	44	189	44	15	46	4	27	12	63		1644	46		
	Plain Gray	38	20	180	35	128	27	125	33	98	39	152	42	96	38	126	42	136	39	162	37	11	33	9	60	6	32	1	100	1268	35	
	Broad Bands	25	14	77	15	62	13	59	15	41	16	43	12	26	10	32	11	60	15	76	18	7	71	2	13	1	5		511	14		
	Nailmarked "			28	5	19	4	12	3	2	1									2										63	2	
	Waved "										4	1	3	1	1																9	2
	Corrugated coil	20	11																												20	5
	Black on red	4	2	8	2	8	1	6	2	6	3	9	3	4	1	9	3	6	2	5	1										65	2
Polished black interior	5	3	6	1							1		1							1										14	3	
Section Number ②																																
Total number sherds		163	567	445	282			309		581		285	112	144	32	14														2934		
Pottery types	Black on White	97	60	227	44	225	51	130	46		137	44		266	46		132	47	53	47	64	45	2	6	6	43	1385	47				
	Plain Gray	30	14	173	30	127	29	102	36		117	34		212	36		104	37	48	43	64	45	27	85	8	57	1002	35				
	Broad Bands	10	62	55	10	40	8	42	15		50	17		72	12		29	10	7	6	10	7	1	3					316	11		
	Medium "											17	3					5	1						2	6				24	1	
	Nailmarked "	1	6	4	2			2	1			1													1					9	7	
	Waved "					1	2																								1	
	Corrugated coils	23	14	47	9	43	9	1																							114	35
Black on red	1	6	9	2	9	2	5	2			4	1		14	3		15	5	4	4	5	3								66	2	
Polished black interior	1	4	2	2																										3	1	

EDCO, Inc. Agency

N.Y.C. O-2

EUGENE DIETZGEN CO  
Chicago and New York

Black on white series pottery section number one

(1925)

Strata in section		A	B	C	D-upper	D-lower	E-upper	E-lower	F-upper	F-lower	G	H	I	J	K	Total														
Total number in stratum		93	215	259	179	104	153	126	135	160	189	15	4	12		1644														
		No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent	No. Percent														
Slips	Paper white	34	36 1/8	54 6/8	61 10/6	58 6/8	48	46 2/8	83	59 2/8	72	57 1/4	88	65 2/8	71	44 3/7	101	53 6/8	19	93 3/8	3	75	11	9 1/8		908	55 2/8			
	Thin white		31	14 5/8	21	8 2/8	21	12	7	6 7/8	18	11 8/8	12	9 5/8	15	11 1/10	27	16 7/8	26	13 4/8		1	25				179	10 9/8		
	Cream white		5	2 4/8	3	1 2/8									8	5 0/8	14	7 4/8									30	1 8/8		
	Gray white	59	64	52	24 2/8	39	16 2/8	32	18	39	37 5/8	37	29 2/8	41	32 5/4	27	20	10	6 2/8	24	12 8/8	1	6 3/8		1	8 5/8		366	22 2/8	
	Not distinguishable		9	4 3/8	37	14 4/8	20	11 2/8	10	9 6/8	15	9 8/8	1	.8	5	3 7/8	44	27 5/8	24	12 8/8								165	10 0/8	
Polished over design				4	1 5/8	1	.6	4	3 8/8	1	.65	2	1 6/8	2	1 5/8	2	1 3/8	6	3 2/8	1	6 3/8	1	25	1	8 5/8		22	1 5/8		
Design elements	Straight hachure																													
	Squiggled "	6	6 4/8	1	.4	4	1 5/8	2	1 1/8	6	5 8/8	2	1 3/8	3	2 3/8	3	2 2/8	8	5 0/8	13	6 9/8			1	25	1	8 5/8		50	3 0/8
	Ticked lines	5	5 4/8	13	6 0/8	12	4 6/8	16	8 9/8	5	4 8/8	16	10 5/8	11	8 7/8	14	10 4/8	16	10 0/8	17	8 9/8	2	13 3/8		3	25		130	7 9/8	
	Waved "	9	9 6/8	16	7 3/8	6	2 3/8	6	3 4/8	5	4 8/8	5	3 3/8	3	2 3/8	8	5 2/8	5	3 2/8	3	1 5/8							66	4 0/8	
	Stepped " triangles	22	23 6/8	49	22 6/8	44	17 0/8	29	16 2/8	24	23 0/8	20	12 2/8	27	21 4/8	19	14 1/8	40	25 0/8	25	12 2/8	3	20	1	25	2	16 3/8		305	18 5/8
	Dotted triangles			26	12 0/8	25	9 6/8	17	9 5/8	10	9 6/8	7	4 5/8	7	5 5/8	8	5 2/8	6	3 7/8	8	4 2/8								114	6 9/8
	Volutas			9	4 2/8	15	5 8/8	5	2 8/8	3	2 9/8	7	4 3/8	7	5 5/8	5	3 7/8	4	2 5/8	7	3 7/8				1	8 5/8		63	3 8/8	
	Checkerboard			3	1 3/8	1	.4						1	.8	1	.8			1	.54								7	4 3/8	
	Triangular "												1	.8														1		
	Opposed dentates										1	.65	2	1 6/8	1	.8	3	1 9/8	4	2 1/8								11	.67	
	Open diamonds										1	.65					1	.62										2		
	Diamonds			1	.4					1	.9																	2		
	Framed dots												3	2 2/8	3	1 8/8												6	.36	
	Pasartiles							1	.6																			1		
	Solid element, Ballies																4	2 1/8										4	.24	
Stepped triangle																3	1 9/8									1	8 5/8		4	.24
Miscellaneous	32	34 5/8	52	25 1/8	73	28 3/8	75	28 1/8	21	20 2/8	56	36 6/8	28	22 2/8	41	30 5/8	40	25 0/8	57	30 6/8	8	5 3/8	1	25 0/8	1	8 5/8		495	28 2/8	
Without decoration	19	20 5/8	45	20 7/8	79	30 5/8	58	32 4/8	29	28 0/8	38	25 5/8	36	28 5/8	32	23 5/8	31	19 3/8	50	26 4/8	2	13 3/8	1	25 0/8	3	25		423	25 7/8	
Total	93	100	215	100	259	100	179	100	104	100	153	100	126	100	135	100	160	100	189	100	15	100	4	100	12	100		1644		

# Black on white series section number two

1975

Strata in section	A		B		C		D		E		F		G		H		I		J		K		Totals					
Total number	97		277		225		130		137		266		132		53		64		2		6		1389					
	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent				
Slips																												
Paper white	42	43.3%	157	56.49%	117	51.93%	78	60.0%	78	56.96%	132	49.74%	74	56.1%	35	66.04%	72	65.6%					6	100%	736	53%		
Thin white	10	10.3%	39	14.09%	24	10.67%	25	17.7%	25	16.71%	30	11.4%	25	12.92%	7	13.2%	12	18.75%							191	13.8%		
Cream white	4	4.13%	1	3.6%	9	4.00%	3	2.3%	15	10.95%	34	24.4%	6	4.57%											72	5.1%		
Gray white	38	39.17%	72	25.71%	71	31.56%	17	13.06%	53	24.09%	62	23.40%	27	20.44%	11	20.7%	5	7.81%	2	100.0%					537	24.4%		
Not distinguishable	3	3.10%	8	2.89%	10	4.44%	9	7.00%	7	5.19%	8	3.0%	2	1.50%					5	7.81%					52	3.7%		
Polished over design	1	1.03%	4	1.49%	13	5.77%	7	5.40%	12	8.76%	13	4.88%	2	1.50%					4	6.25%					56	3.4%		
Accidental glaze									1	7.3%			1	7.5%	1	1.87%									3	3%		
Mesa Verde			1	3.6%																					1	1%		
Chaco Mesa Verde	11	11.33%	15	5.41%	5	2.23%																			31	2.2%		
Design elements																												
Straight hachure	4	4.13%	31	11.19%	8	3.55%																			43	3.1%		
Waved or Squiggled "	6	6.19%	2	7.2%	7	3.11%	3	2.30%	6	4.38%	16	6.00%	7	5.31%	3	5.66%	7	7.81%									55	3.9%
Ticked lines	4	4.13%	10	3.61%	16	7.11%	5	3.85%	15	10.45%	18	6.77%	7	5.31%	6	11.33%	4	6.25%									85	6.2%
Waved lines			4	1.45%	5	2.23%	4	3.08%	3	2.20%	7	2.63%	8	6.06%	4	7.55%	1	1.56%									36	2.6%
Stepped " triangles	5	5.15%	16	5.79%	17	7.55%	25	19.23%	9	6.57%	20	7.52%	12	7.09%	4	7.55%	9	14.06%									117	8.5%
Dotted triangles	6	6.19%	3	1.09%	13	5.77%	15	11.54%	9	6.57%	9	3.40%	9	6.81%	4	7.55%	4	6.25%									72	5.2%
Volutes	1	1.03%	6	2.17%	7	3.11%	3	2.30%	3	2.20%	13	4.88%	5	3.79%	3	5.66%	3	4.69%									44	3.2%
Checker-board			1	3.6%	1	4.4%			1	7.3%			3	2.67%	1	1.87%									7	5%		
Opposed dentates	1	1.03%	2	7.2%	2	8.8%			1	7.3%	4	1.50%	2	1.51%	1	1.87%	2	3.13%									15	1.1%
Open diamond			1	3.6%																					1	1%		
Framed dots			2	7.2%									1	3.7%											3	3%		
Pajaritos			3	1.09%			1	7.7%			2	7.5%													6	5%		
Solid element Bullseye			1	3.6%			1	7.7%			1	3.8%													3	3%		
Stepped triangles			2	7.2%	2	8.8%	1	7.7%			1	3.8%													6	5%		
Parallel obliques									4	2.91%	7	2.63%													11	8%		
Miscellaneous	29	29.89%	14	4.15%	74	28.9%	43	33.09%	61	44.52%	105	39.48%	46	34.85%	20	37.74%	22	39.38%	2	100.0%	5	83.3%					521	37.5%
Without decoration	30	30.93%	63	22.74%	68	30.23%	29	22.31%	25	18.24%	62	23.31%	33	25.00%	7	13.20%	19	21.88%							1	16.6%	332	23.9%
Mesa Verde			1	3.6%																					1	1%		
Chaco Mesa Verde	11	11.33%	15	5.41%	5	2.23%																			31	2.2%		
Total designs	97	100%	277	100%	225	100%	130	100%	137	100%	266	100%	132	100%	53	100%	64	100%	2	100%	6	100%			1389	100%		



PUEBLO BONITO

2

Test II  
W. Ct.; verticals 232-235 (27' N. of R. 131)

WARE	S	B	Sp	Sp + B	A	C	Totals	LOCATION + No
B/W MIN PAINT " PAINT UNIDENTIF " WITHOUT PAINT PLAIN SURFACED 2+			3		1		3 1 2 3 9	334175 ROBERTS' STRA II K+, SANDSTONE
B/W MIN PAINT " UNIDENTIF. " B/W WITHOUT " PLAIN SURFACED WIDE FLAT COIL NARROW ROUND "	1 1 12 3				1		1 1 16 3 2 24	J
B/W V. PAINT B/W MIN. " " WITHOUT " B/R WIDE FLAT COIL " " NAIL IND PLAIN SURFACED	3 3 1 3 1 25		1 39 10+		2 3	1 6	4 44 10 4 7 1 50 120	L +5? MIGHT BE PLAIN SURFACED
B/W V. PAINT B/W MIN. " " WITHOUT " B/R WIDE FLAT COIL PLAIN SURFACED " SMOOTH "	1 8 1 2 24 1		29 5		3 1 1 2	2 9	1 46 6 3 6 43 3 108	H.  x and large quantity of frames
B/W V. PAINT " PAINT " " WITHOUT " B/R NARROW ROUND COIL WIDE FLAT " PLAIN SURFACED	1 12 2 1 15 35		71 32*		3 1 12	3 1 24	1 92 37 14 3 31 84 264	G. x 8 POSSIBLY PLAIN SURF.  x PLAIN SURF OR FROM PAINTED VESSELS
B/W V. PAINT " MIN. " WIDE FLAT COIL ROUNDED " B/R	4 6 15 1	18 8	3 142		4 1	8 14	25 168 61 14 14 282	F ONLY PAINTED + CORRUPT SHERDS AGAIN
B/W V. PAINT " UNIDENTIF B/W MIN. PAINT B/R WIDE FLAT COIL NARROW ROUNDED "	3 1 1 10 4+	14 1	75		2 3	4	17 1 77 4 33 5 137	E.  x SAND STONE
					50		137	

Pueblo Bonito

Test II.

Ware	S	B	Sh	Sh + B	A	C	Totals	D
8/16 Y point		7	3				10	
8/16 min.	1		67			1	69	
8/16		3 (1)	(1)				3	
Wide flat coil	10	10			1	1	22	
Narrow rounded "	2	2					4	
Indented "		1					1	
							<u>109</u>	
8/16 - 1/2 point	2	8 (1)	4	6			20	
" min.	1	3	10 (1)	1	1		16	
8/16		3 (1)	1		4		9	
Wide flat coil	4	11	3			5	23	
Narrow rounded "	2	7			1		10	
Wide Coarses	5	30				4	39	
							<u>207</u>	

8/16 1/2 point only	2	6	16 (1)	8 (1)				
		91						
		191						
		<u>282</u>						

D. Organic zone only because this was an extension of late 8/16 in this unit  
 (1) 2 sherds with micaceous slip  
 (2) 5 sherds with calcareous slip

Total II sherds  
 1160) 287.00 (24.3% Basalt  
 2320  
 5000  
 4640  
 38000  
 3420

1160) 47.000 (4.1% Andesite  
 4640  
 50600  
 10440