

Shoofly Village Archeological Research Project

Kuang-ti Li

Class No. ASB 581

Dr. Charles L. Redman

July 17, 1984

**SHOOFLY CHAPTER
ARIZONA ARCHAEOLOGICAL SOCIETY
P. O. BOX 1613
PAYSON, AZ 85547-1613**

After five weeks of excavation at Shoofly Village, more than fifty units have been exposed. Artifacts discovered consist of pot sherds, lithics, faunal and floral materials, features and so forth. These excavations and archeological remains have allowed us to solve some questions about Shoofly Village, such as how did they operate their society? What were their settlement patterns; and even who lived in this area. My interests are focused on the those artifacts which came from different parts of this region, because they might represent different social behaviors and activities. At this point, the hypothesis is that the people who lived in Shoofly Village arranged their living areas depending upon the different functions. In other words, they divided various loci for their social activities.

Although previous archeological work has been done in the Payson Basin, the cultures of Shoofly Village are still unknown. However, Trade ceramics date probable occupation during the thirteenth century. Using the hypothesis mentioned above, it derives some implications may be implied.

I. If they had arranged their living areas for different functions, then it should have been exposed various cultural remains in different areas. For instance, there were main living rooms, storage rooms, ceremony rooms and so on.

I₂ If they had main living rooms, then quite large numbers of remains should have been exposed in this area. Besides, those remains should be different from those found elsewhere.

I₃ If they had storage rooms, then they also have had storage techniques and equipment. At the same time, the size and/or shape of storage rooms might be different from the others.

I₄ If they had the special function areas, for example, the ceremonial rooms, then it should contain the special cultural remains which belong to that particular function.

I₅ If a particular area had been set aside for burials, then a cemetery should have been recovered. That is, the burials have been found only in a certain area.

To check these implications, my data came from those ceramics which were exposed in each unit. Basically, they have been classified as Tonto and/or Verde Red, Tonto and/or Verde Plain, Smudged or Non-smudged, Decorated and others. Then we calculated the ratios of red versus red plus plain, smudged versus smudged plus non-smudged and tallied the number of decorated sherds.

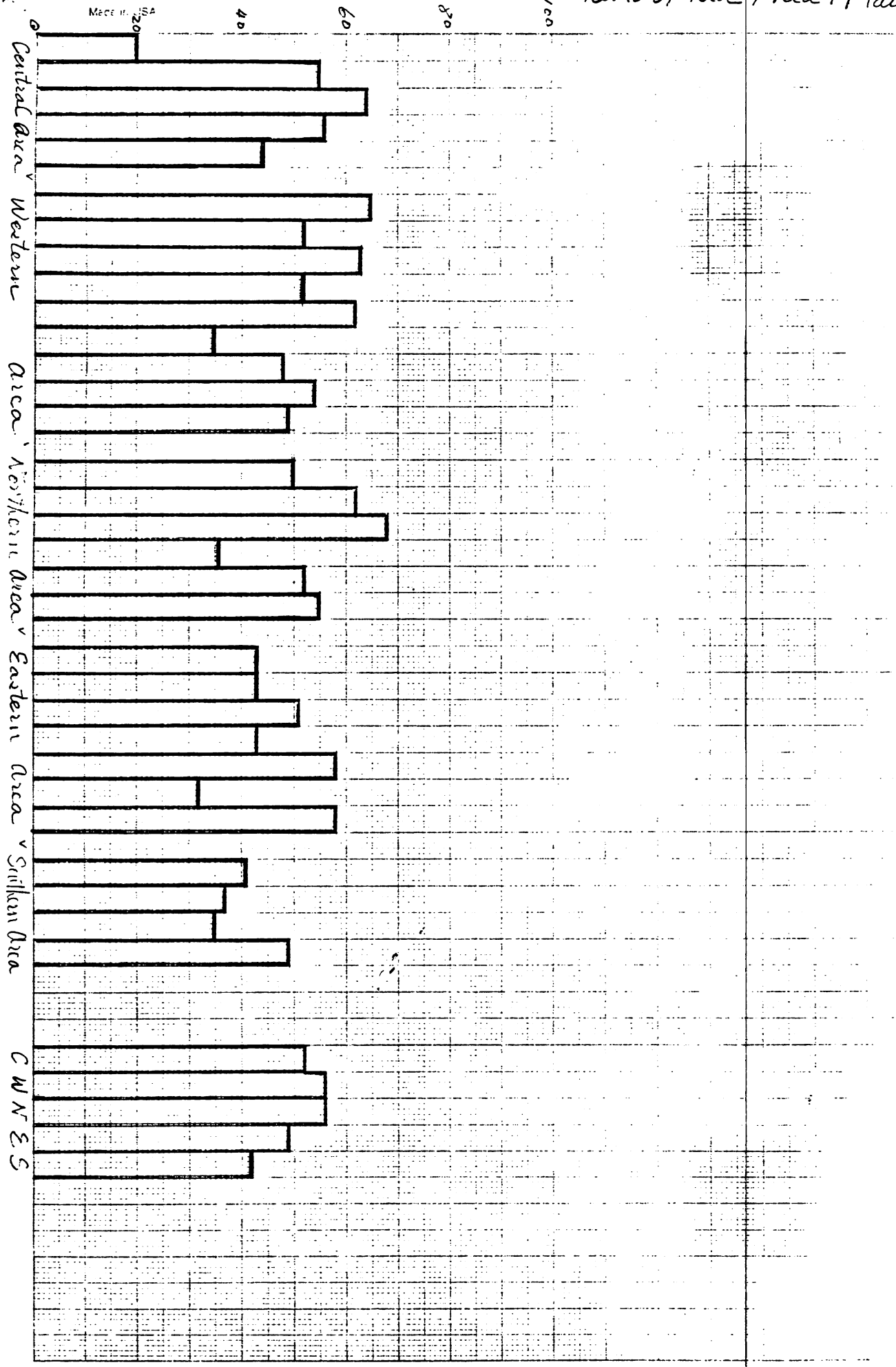
As our next step, I divided the whole region into five parts according to the architectural blocks and wall lines. The five divisions are the Central, Western, Northern, Eastern and Southern areas. The central area extends from E 94 to E 140 and from N 100 to N 140. The western area lies between E 40 and E 98 and N 65 and N 140. The northern area is located between E 80 and E 180 and N 148 and N 180. The eastern area extends from E 140 to E 180 and from N 71 to N 140. The southern area lies between E 70 and E 140 and N 40 and N 90.

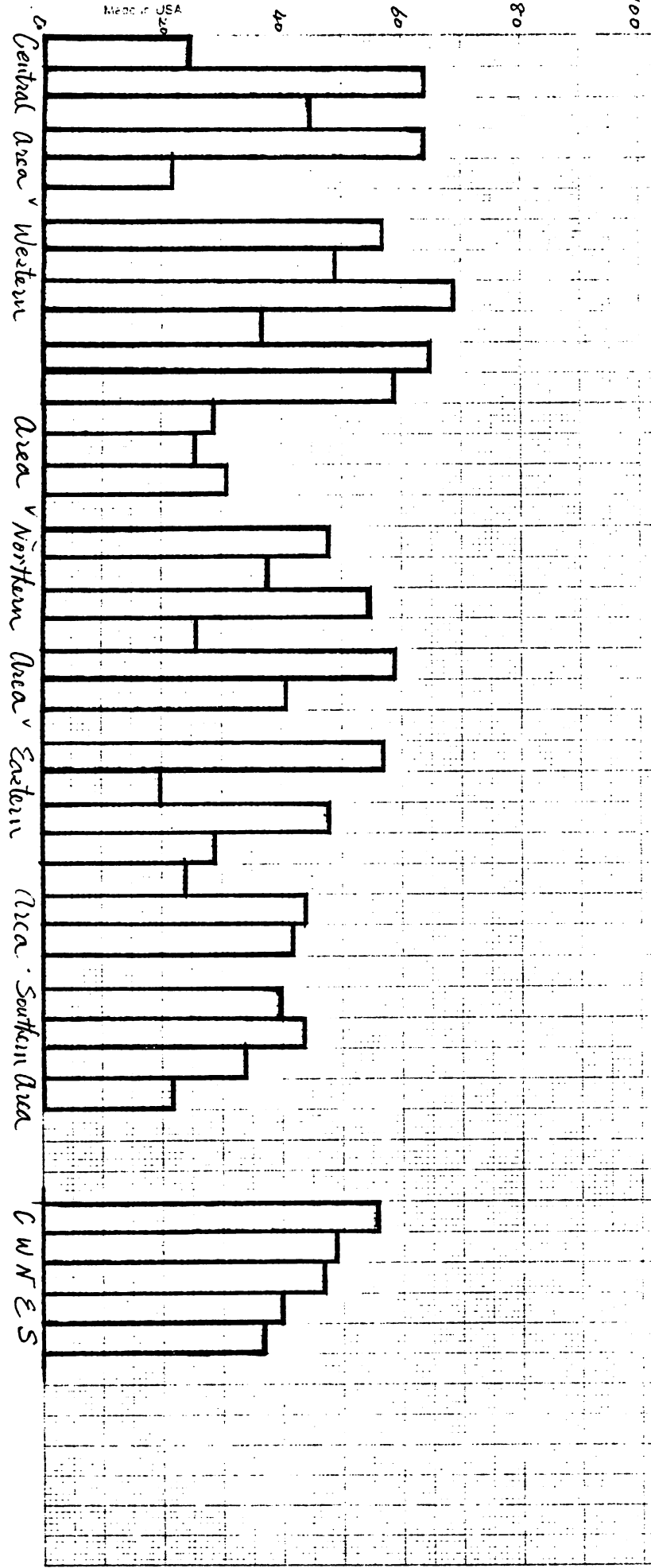
All ratios calculated for each area, and also the number of decorated sherds, depend on those analyzed sherds which were entered into the computer. The results from each area are shown on the last three pages.

Examining the results yielded on the lists, the central, western, and northern areas revealed considerably similar ratios in Red and the other two divisions were almost the same as well. To check the ratios which came out in Smudged, the five divisions reduced their ratios as follows: The highest is the central area, then western, northern, eastern and the lowest one showed up at the southern area. The number of decorated sherds also yielded various distributions. These evidences may indicate that main social activities occurred in the Central, Western,

and Northern areas. Besides, referring to the unit summaries, most of the food processing tools were also recovered among these areas. Meanwhile, smudged pot sherds were also mainly found in these areas, and, since this ~~indicates~~ indicates that they had been used there, there can be no doubt that the people's daily activities also revolved around the Central area. On the contrary, there was only little activity in the southern area. This location is also where the only two burials found have been exposed. Hence, there seems no doubt that the southern area was a special function division. So to speak, the idea that the people in Shoofly Village separated their region for different social behaviors basically can be accepted.

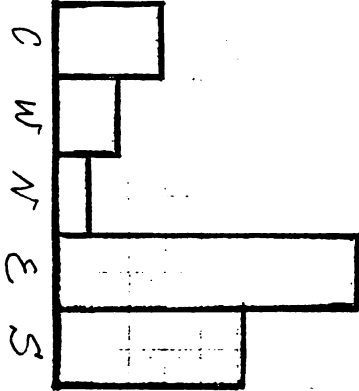
However, there are many points which are still questionable, such as was all of Shoofly Village occupied at the same time, since we know there are different shapes and architectural techniques of rooms there. Also, how did they operate their social system? What was the real function of each area? After all, this is just the initial work of the project. The detailed research study will be continued. Hopefully, there will be enough materials for us to interpret the whole problem of Shoofly Village.





0 10 20 30 40

Number of Decorated Sherds

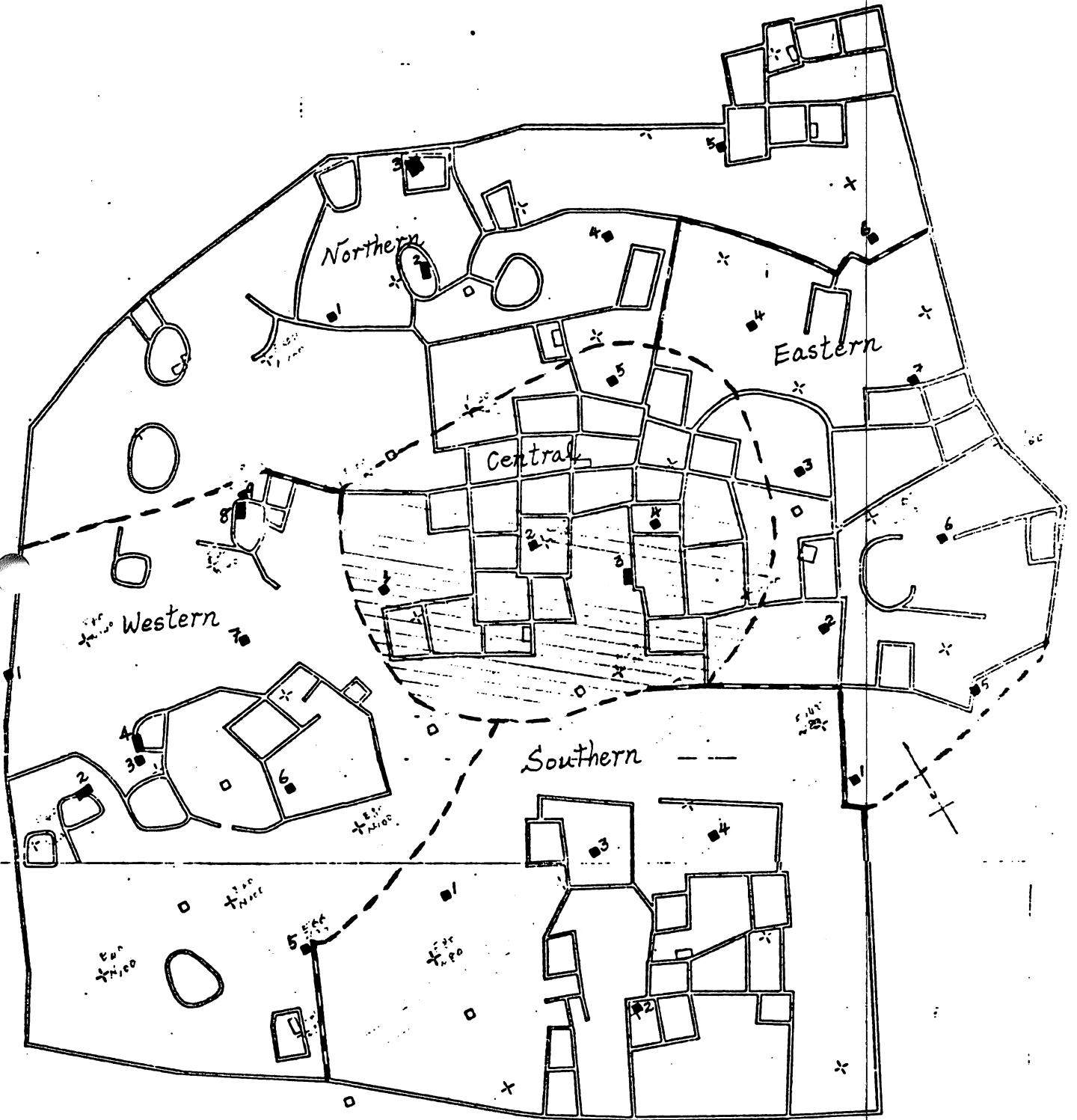


References

1984 Unit Summaries.

Watson, Patty Jo Steven A. LeBlanc and Charles L. Redman

1971 Explanation in Archeology New York, Columbia
University Press.



Central Area

UNIT	V/T FLY	V/T FLY	RATIO REL/ SP+FL	SMUDGE	VS SMUDGE	RATIO SM/VS
1-15	20	100	20	20	100	5
2-15	200	100	200	100	100	10
3-15	50	100	50	50	100	2
4-15	200	100	200	100	100	10
5-15	200	100	200	100	100	10

Western Area

	LN/IT	VIT RED	VIT PLAIN	RATIO RED/ RD+PL	SMUDG	NO SMUDG	RATIO SM/ SM+NS	DECO RATED
1	E 47 N 141	260	136	65	217	60	57	0
2	E 49 N 121	94	86	52	86	88	49	0
3	E 58 N 121	674	395	63	703	320	69	2
4	E 59 N 123	175	162	52	124	210	27	2
5	E 66 N 88	240	149	62	235	29	65	0
6	E 74 N 102	52	95	35	84	59	59	0
7	E 78 N 122	294	212	58	272	220	55	3
8	E 85 N 143	266	222	54	220	332	40	1
9	E 87 N 145	89	91	49	52	113	31	1
	TOTAL	2144	1654	56	1793	1343	49	9

Northern Area

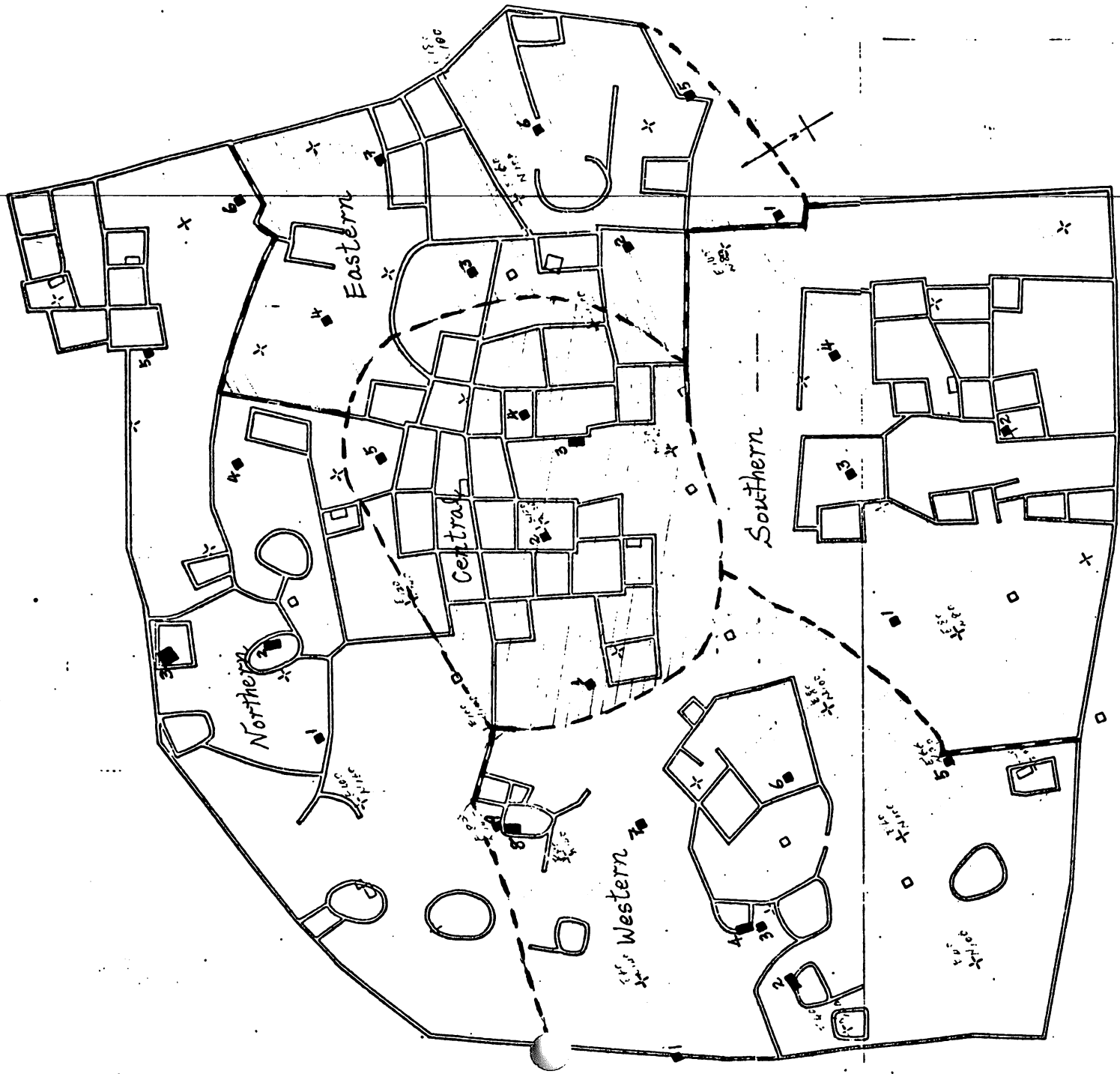
	LLA ^{IT}	VIT RED	VIT PLAIN	RATIO RED/ RED+PL	SMUDG	NO SMUDG	RATIO SM/ SM+NO	DECO RATED
1	E109 N160	84	84	50	78	85	48	0
2	E123 N152	144	96	62	88	141	38	0
3	E139 N174	276	127	68	228	185	55	0
4	E147 N151	50	87	36	35	101	26	0
5	E167 N153	191	175	52	212	145	59	4
6	E178 N132	322	267	55	249	350	41	1
	TOTAL	667	824	56	890	1013	47	5

Eastern Area

	UNIT	VIT RED	VIT PLAIN	RATIO RD/ RD+PL	SMUDG	NO SMUDG	RATIO SM/ SM+NS	DECO RATED
1	E141 N71	764	995	43	1010	754	57	14
2	E147 N91	69	92	43	28	115	20	0
3	E154 N111	63	60	51	53	58	42	0
4	E158 N131	111	146	43	73	175	29	2
5	E161 N73	931	702	58	396	1217	24	13
6	E167 N93	74	155	32	102	132	44	7
7	E174 N113	104	75	58	72	99	42	5
	TOTAL	2136	2225	49	1734	2600	40	41

Southern Area

UNIT	VIT RED	VIT PLAIN	RATIO RED/ RD+PL	SMUDG	NO SMUDG	RATIO SM/ SM+NS	DECO RATED
E26 N35	506	737	41	493	736	40	12
E101 N60	91	155	37	109	139	44	2
E100 N50	173	328	35	159	315	34	5
4 E121 N74	121	122	49	54	192	22	7
TOTAL	891	1342	40	815	1322	37	26



Central Area

UNIT	...	1/7	...	SMUDGE	...	RZ	...
1	...	150	20	40	...	...	...
2	...	...	40	...	...	...	...
3	...	30	...	...	...	...	...
4	...	313	...	467	...	...	...
5	...	...	...	...	...	...	...
TOTAL	...	...	...	...	1767	...	...

Western Area

	UNIT	VIT RED	VIT PLAIN	RATIO RED/ RED+PL	SMUDG	NO SMUDG	RATIO SMV/ SMV+N'S	DECO FATEL
1	E 47 N 141	260	136	65	217	160	57	0
2	E 49 N 121	94	86	52	86	83	49	0
3	E 58 N 121	674	395	63	703	520	69	2
4	E 59 N 123	175	162	52	124	210	37	2
5	E 66 N 88	240	149	62	235	129	65	0
6	E 74 N 108	52	95	35	84	59	59	0
7	E 78 N 128	294	318	48	172	426	29	3
8	E 85 N 143	266	222	54	120	338	26	.1
9	E 87 N 145	89	91	49	52	113	31	1
	TOTAL	2144	1654	56	1793	1843	49	9

Northern Area

	LLA IT	VIT RED	VIT PLAIN	RATIO RED/ RD+PL	SMUDG	NO SMUDG	RATIO SM/ SM+NS	DECO RATED
1	E 109 N 160	84	84	50	78	85	48	0
2	E 123 N 158	144	86	62	88	141	38	0
3	E 129 N 174	276	127	68	228	185	55	0
4	E 147 N 151	50	87	36	35	101	26	0
5	E 167 N 153	191	173	52	212	145	59	4
6	E 178 N 133	322	267	55	249	356	41	1
	TOTAL	1067	824	56	890	1013	47	5

Eastern Area

	UNIT	VIT RED	VIT PLAIN	RATIO RD/ RD+PL.	SMUDG	NO SMUDG	RATIO SM/ SM+N'S	BECD R LTES
1	E 141 N 71	764	995	43	1010	754	57	14
2	E 147 N 91	69	92	43	28	115	20	0
3	E 154 N 111	63	60	51	53	58	48	0
4	E 158 N 131	111	146	43	73	175	29	2
5	E 161 N 73	931	702	58	396	1267	24	13
6	E 167 N 93	74	155	32	102	132	44	7
7	E 174 N 113	104	75	58	72	99	42	5
	TOTAL	2136	2225	49	1734	2600	40	41

Southern Area

UNIT	VIT RED	VIT PLAIN	RATIO RED/ RED+PL	SMUDG	Nº SMUDG	RATIO SM/ SM+AS	RECO RATIO
E 84 N 85	506	737	41	493	736	40	12
E 101 N 60	91	155	37	109	139	44	2
E 106 N 80	173	328	35	159	315	34	5
E 121 N 74	121	128	49	54	192	22	7
TOTAL	891	1348	40	815	1382	37	26