

1991

## PVN-001-Schortman-Field Notes-1991

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# LAS CANOAS (SITE #202)

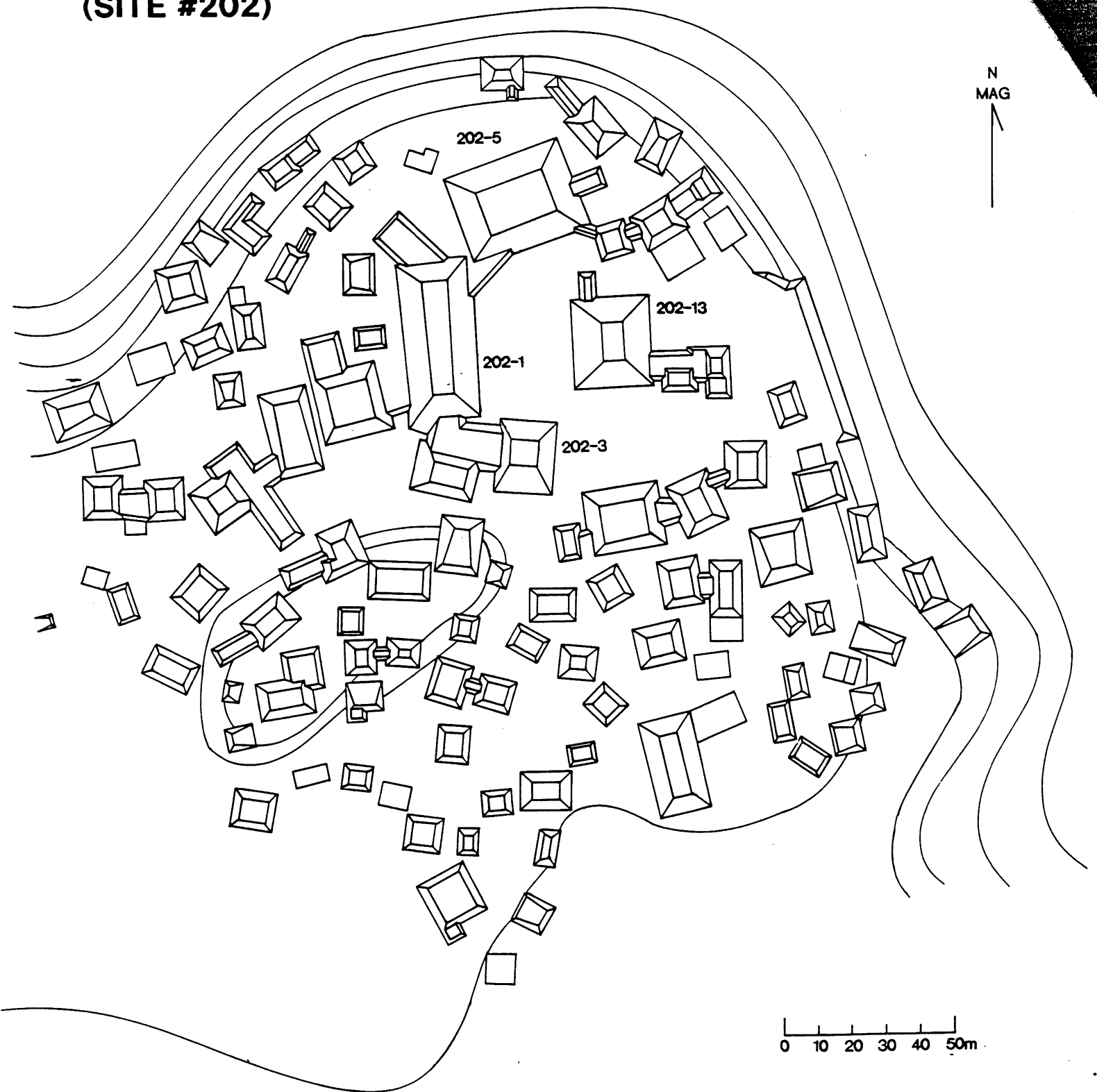
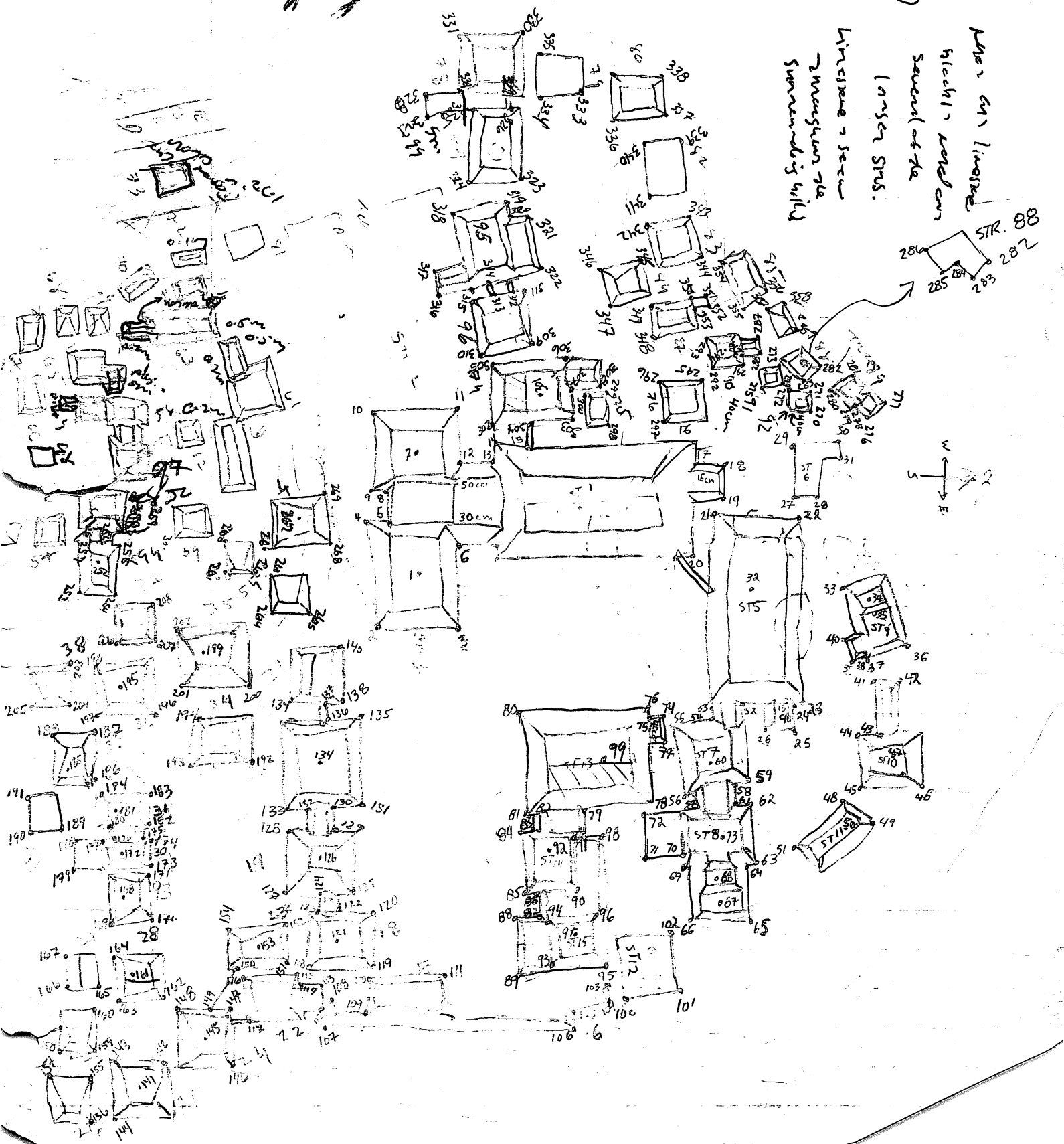
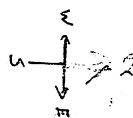


Figure 4

2000

Area in living  
blech - wooden  
Several of the  
lenses str.  
limestone & steel  
Masonry the  
surrounding wall

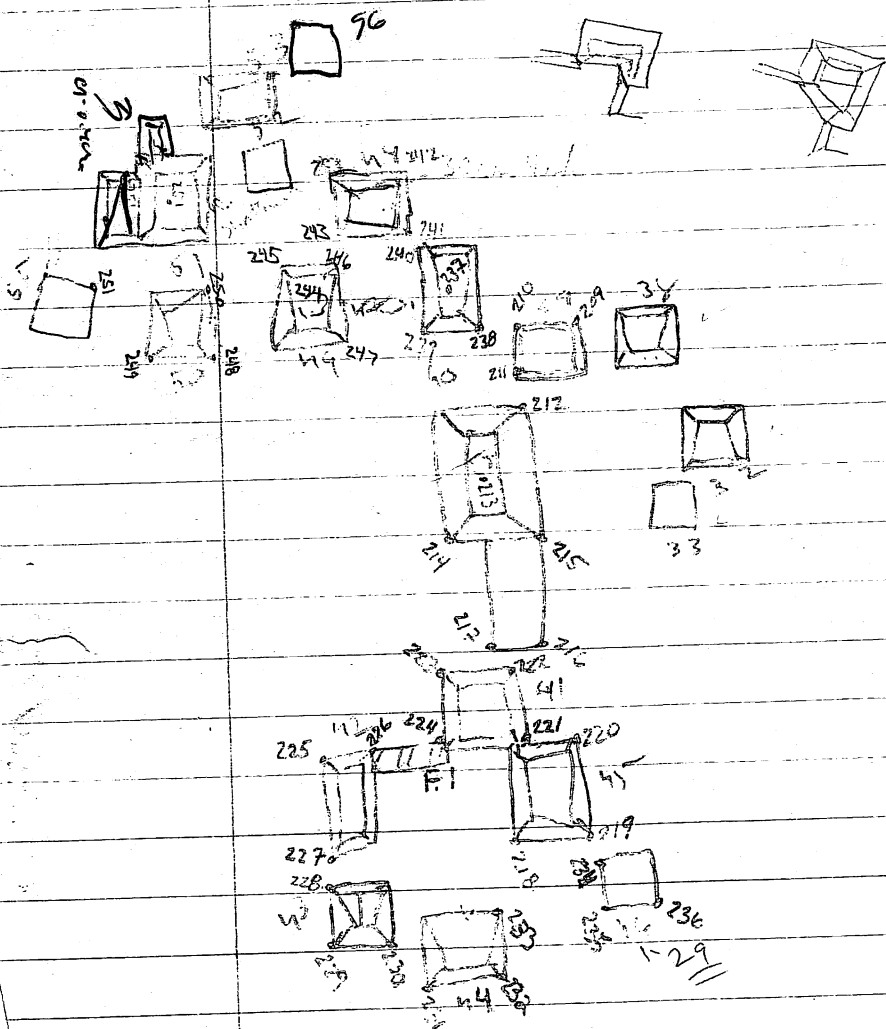
STR. 88  
286 287 282





Structure	Height	East	West	North	S.
22		40 cm	10 cm		
21	40 cm				
27		30	10	30	10
34	40 cm				
38	50 cm				
37	30				
45		35	10		
43		40	10	5	40
44		30	0		
89	30			60	
88				60	
90 Projection	15				
76		20	60		
75		10	20		
96				80	50
95 south proj.	30				
95 north proj.	20				
95	125				
97	75				
78	60				
79	0				
80		70	100		
82	70				
83	70	75			
84				40	50
87	80				
85	85				
86					

LAS  
Encas



→ 2

103 114

Orme	Size	Size	R.C.	Perm.	Comments
2 cl.	395	5			
2 cl.	396	5			
?	397	1			
reginal	? 398	1			
sw. <del>sample</del>	? 399	1			
	? 410	2			
2 cl.	411	4			
2 cl.	412	5	1		
of m. med. fl. cl.	414	14	3		
sw. <del>sample</del>	415	7	2		
2 cl.	209	3			
2 cl.	416				5 x 2 stand + stone scanner
?	417	1	2		
2 cl.	418	5			
2 cl.	419	6	4		
2 cl.	420	3			
2 cl. ?	421	1	2		
2 cl.	422	9			
2 cl.	423	22	2	1	
2 cl.	424	4			
2 cl.	425	5	1		
2 cl.	426	15			
2 cl.	427	5	1		
2 cl.	428	8			
3	429	2			
?	430	2			
2 cl.	431	5			
2 cl.	432	3	1		
?	433	3			
weedy	? 434				5 hard + stone scanner
plankton	? 435				5 hard + stone scanner
weedy	? 436		2		
?	437	1		1	

very

Date	Site	sn.	n.c.	Per.	Comments
		3			
F. Barro	438	3	1		
L.cl.	439	3			
L.cl. <sup>negotiable</sup>	440	3			
man?	441	2			
	442	1	1		
L.cl.	443	4	1		
L.cl.	444	7			
	445				shand scanner
	446				shand scanner
	447				shand scanner
L.cl.	448	3	1		sc
	449				shand scanner
	450				shand scanner
	451				neck + shand scanner
L.cl.	452	3			
L.cl.	453	6	2		
L.cl.	454	3			

### 1991 Survey Areas:

Beta. Chm.  $3.75 \times .4 = 1.5 \text{ km}^2$  (1.9 km<sup>2</sup> area?)

Manaca  $2.5 \times 1.75 = 4.4 \text{ km}^2$

Manchajal  $1 \times 0.5 + 1 \times 0.5 \text{ km}^2 = 1 \text{ km}^2$

Ayria/Banolo  $0.75 \times 2 \text{ km} + 0.5 \times 0.5 = 1.75 \text{ km}^2$

Eupasia/Ayria  $2.5 \times 1 \text{ km} + 1.25 \times 1.25 = 2.5 \times 1.5 = 7.5 \text{ km}^2$

Waco area  $1 \times 2 \text{ km}^2 = 2 \text{ km}^2$

Dried Snej. 62

L.cl. 257 = 92%

L.cl. 353 (check file 351)

Pine	Site #	20 Stems.	Survey 3 <sup>rd</sup> Sites A.C.	40 Feet	50 70 Comments
?	270				sheep scanner
?	271				" "
L. Pesscl.	272				sheep + stone scanner
?	273	1			Stone scanner
?	274				
?	275	1	1		
L.C.I.	276	3			
?	277	1			
?	278	1			
?	279	3			
?	280				sheep + stone scanner
Base of river	281				" " "
?	282				sheep scanner
?	283				sheep + stone scanner
L. Pesscl.	284	5		2	
?	285	1			
L.C.I.	286	4			
L.C.I.?	287	2			1
L.C.I.	288	4		1	
monument	L.C.I.?	2		4	sheep + stone scanner
?	289				Stone scanner
L.C.I.?	291			5	
L.C.I.?	292				sheep + stone scanner
?	293	1			
?	294	1			
?	295	2			
?	296	1			sheep and stone scanner
L.C.I.?	297				
?	298	(sne 184)			sheep scanner
L. Pesscl.	299				
L.C.I.	314	7			
?	315	2			

One Site	Sm.	N.C.	Item.	Comments
? 316				shard + Stone Scum
monoc. 317	1			
? 318				shard + Stone Scum
L.C. 319	3	1		
? 320	1			
? 321	1			
L.C. 322	9	1		
L.C. 323	5	4		shard + Stone Scum
? 324	2			shard + Stone Scum
L.C. 325	2			
? 326	1			
? 327				Stone Scum
L.C. 328	4			
L.C. 329	3			
L.C. 330	8			
L.C. 331	13	2		
L.C. 332	4			
L.C. 333	3			
L.C. 334	3			
L.C. 335	3			
L.C. 336	1			
L.C. 337	3			
? 338	2			
? 339	1			
L.C. 340	25			
? 341	2			
L.C. 342	25			
L.C. 343	4			
3 344	1	1		
L.C. 345	4	2		check error was for exp. 1 + 1112
L.C. 346	4			
L.C. 347	4			
L.C. 348	4			
L.C. 349	4			



## Site 428

7-9-91

P91-41-37

Vegetation is moderately dense, medium-high thorn scrub. Some areas are mowed down. Lots of thorn scrub on the structures themselves.

The site is located <sup>between</sup> ~~on~~ the south side of the base of a 50 meter-high hill and a quebrada which is directly to the south of the site. The quebrada is 2 meters deep, currently dry and is running fairly straight along the hills as if it may not be natural. Site 428 is located 120 meters to the west of Site 427. About 75 meters east of the site the quebrada ends as if the quebradas form had been modified by recent land modifications. Land in the immediate area is very flat.

Three structures are built into the side of the hill which rises very steeply. There are limestone outcroppings in the hill. Structures #1 and #2 each have large trees growing in their south sides. There are several small trees growing on the other structures.

Structures are made mostly of medium and some small angular stones - primarily limestone and some marble + schist. Except for structure #6 which has a large looter's pit in the center, structures are fairly well-preserved.

Surface collection was taken with many artifacts found around the looter's pit. Structure visibility is okay and ground/artifact visibility is poor.

~~1137~~  
p91-41-38

Site 432

, corn/watermelon

3 mound site. Plowed, planted field, mounds unplowed  
medium scrub grass. Medium and small <sup>angular</sup> rocks used from the hills  
to the South of the mounds. Good structure visibility.

O.K. ground visibility. No artifacts collected - a few found  
- flat land lying between hills. The rocks are limestone pieces - outcrops  
coming from the hill. 300 m SE of Site 172 Campo Alegre  
50 m South of the Naco road. Base of north face of southernmost  
outlier. Soil Dark Brown, fine texture, deep. Saca Lucin  
Cooperative out of Naco. Guasma Channel to the South

outliers of  
hills to the N.



~~7/22/91~~

~~clay 303 from site 267~~

6/5/91

Write up site <sup>#</sup>455

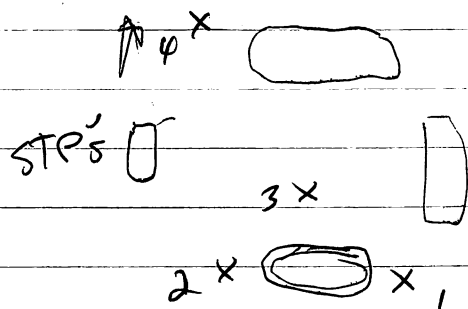
Found near clay source 507. In fact found only because the clay was known to be there. On other side Quebrada Chalano to W of San Antonio de Majada. Possibly the only surviving mounds are here b/c it is a thin slice of ~~terrace~~ <sup>terrace</sup> before a steep grade to ~~the~~ W. San Antonio is on a flat plain and shreds were shown to me from a guy digging a pile collected as S.A. lago shreds - thus there is probably a large razed site underneath. Universal human nature tells us man would choose the same site today as yesterday - right? Did ~~some~~ STP's 507 B-E, marked on map

Site was on local farmer's land, the megardano lives in town. What was mapped was a square group of 4 mounds, the four STP's were off the sides of structures. The river runs to the E.

Another mound group exists to the NW of 5 or 6 mounds unmapped + unnumbered

## 3 mand Site next to (N of) site #507

- walked all around, no other mounds
- many large boulders scatter this flood plain.
- the grade is steep not 20m W of site
- the highest mound is N at about 2m high  
the others are approx 1m



- better map on graph paper

STP's 1-3 only to 40 cm - a few sherds found

#4 going down as far as possible 40-60 cm

finding bigger sherds - removing a lot of rocks - rubble tumbled

aside - (There are other mounds further north, I will inspect them.  
They are there + not mapped  
the soil is very black

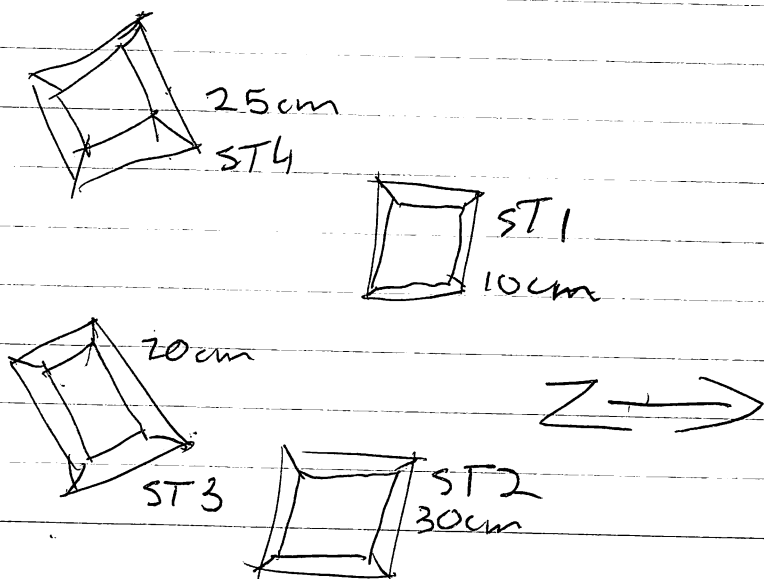
collected as what?? - will get site designation from Patrick  
#455

Group 4

Site 391

low scrub grass, unplowed field, site visibility, 3 good ground visibility fair to good scattered shrubs  
NO surface collections made. To South East Rio San Bartol, 100 meters to The North 600 meters Agua Cabrada

four structures found in group.  
made of large to medium angular and River stones.

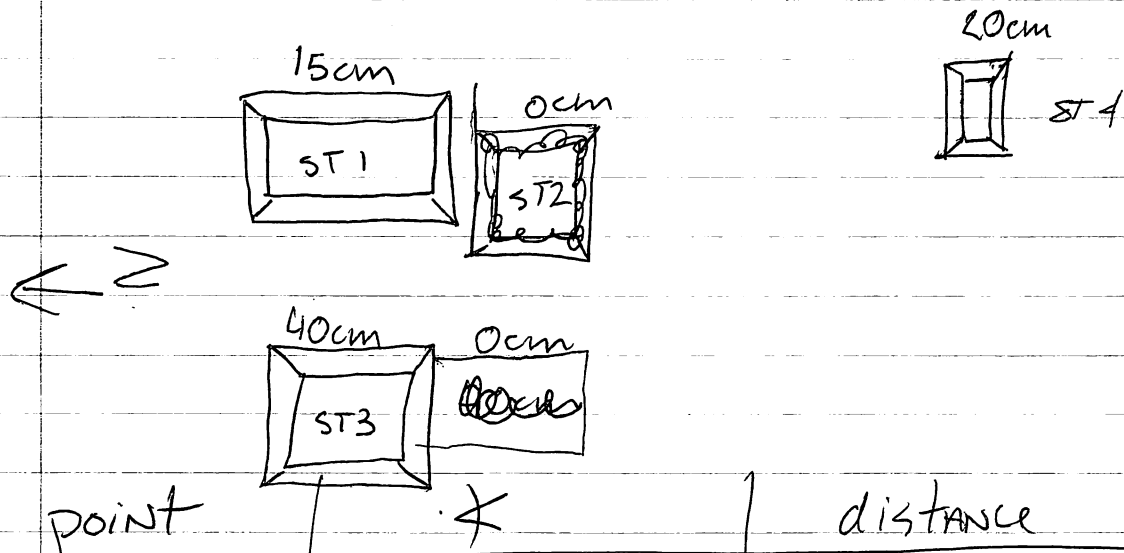


Point	Angle	distance
1) ST4 NW corner	254° ✓	11.94
2) ST4 NE "	255° ✓	8.72
3) ST4 SE "	223° 30' ✓	7.97
4) ST1 SW "approx	295° ✓	6.92
5) ST1 SE "approx	324° ✓	4.56
6) ST1 NE "approx	338° ✓	7.43
7) ST2 SE "	81° ✓	5m 20cm
8) ST2 SW "	23° ✓	2m 9cm
9) ST2 NE "approx	16° ✓	6.70
10) ST3 SW "	177° ✓	2.94
11) ST3 SE "	139° ✓	4.93
12) ST3 NE "approx	10° ✓	4.40



6.25.91

SITE 392 group 3 4 3



point	distance
1/ NW CORNER ST1	14° ✓ 10m 99cm
2/ NE CORNER ST1	30° ✓ 13m 08cm
3/ SE CORNER ST1	50° ✓ 10m 05cm
4/ ST2 NE CORNER	38° ✓ 7m 14cm
5/ NW CORNER ST2	7° ✓ 5m 03cm
6/ SW CORNER ST2	33° ✓ 2m 32cm
7/ NE CORNER ST3	346° ✓ 12m 12cm
8/ NW CORNER ST3	322° ✓ 14m 50cm
9/ SW CORNER ST3	299° ✓ 8m 77cm
10/ Junction Projection ST3 West	312° ✓ 6m 81cm
11/ SW CORNER projection ST3	292° ✓ 4m 18cm
12/ SE CORNER projection ST3	249° 319° ✓ 2m 87cm
13/ NW CORNER ST4	135° ✓ 18m 95cm
14/ NE CORNER ST4	124° ✓ 20m 92cm
15/ SE CORNER ST4	132° ✓ 24m 87cm

Site 399

PVN-43-27



100 m to N of 398.

Single mound structure. San Bartolo is 15 m to the North.

Grazing field. Vegetation low scrub grass, ~~not~~ plowed, good architecture/artifact visibility. Some sherds were found but not collected.

architecture medium to large angular and river cobbles.

Structure not well preserved. 6 paces (meters) N to S.

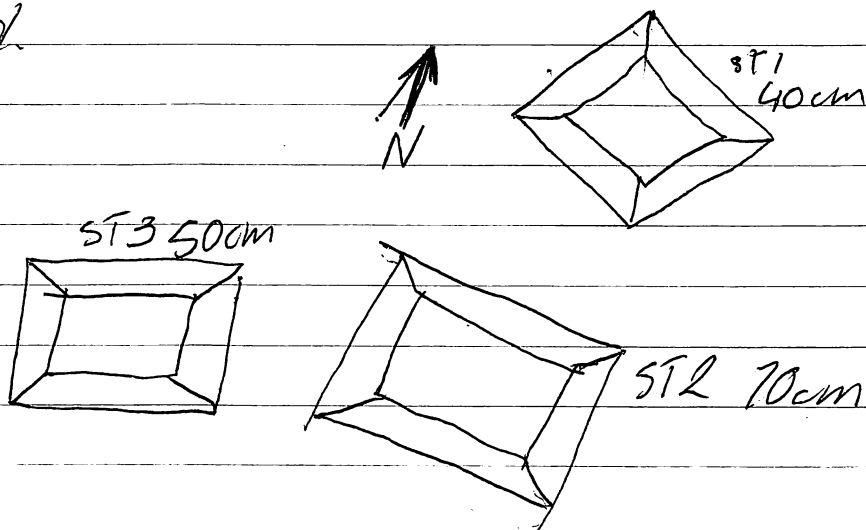
5 1/2 meters E to West. Azimuth 176°

The Alvarado chicken coops are 40 meters N across  
The San Bartolo

Point	°	Distance
NE corner ST2	63°	1.64
SE corner ST2	81°	7.67
NW corner ST2	57°	2.94
junction saddle - ST2 SE	65°	7.60
junction SW saddle SW	54° 30'	6.76
NE junction saddle	61°	9.12
NE ST3 corner	45°	13.60
SE corner ST3	61°	11.97
NW corner ST3	32°	11.31
Rock Concentration / Center	348° 30'	2.70 Diameter 3.75
ST1 SE corner	332°	10.36
ST1 SW corner	305°	15.09
ST1 NW corner	319° 30'	20.00 meters

SITE 440

3 mound site / medium to high scrubgrass, structure visibility fair, artifact visibility poor. structures are fairly well preserved. structures are made of medium to small angular stones Limestone and Marble, animal pasture, recently cleared, unplowed, 190 meters to SE is a calzada chanel. Site 439 is 300 meters to the NW. NO artifacts found.



	POINT	°	DISTANCE
1/	NE corner ST. 2	154°	3.73 meters
2/	NW " "	205°	5.60
3/	SW " "	196°	10.25
4/	NE " ST. 3	225°	8.79
5/	SE " "	214°	11.90
6/	NW " "	244°	12.33
7/	NW " ST. 1	10° 30'	8.88
8/	NE " "	34°	9.91
9/	SE " "	27°	3.55

Site 441

Laguna is 25 meters to the East. Quebrada running about 200 meters to the West. 7 mound arranged around a patio. Artifact visibility is Bad. Structure visibility is poor. High scrub grass lots of cacti, prickly things. Topography fairly flat terrain low line of hills 175 meters to the East. Belongs to Jose Antonio Pay. Medium to large angular limestone and marble predominant.

STP1 30 cm down - between structures 3 and 4. STP2 is located behind structure 4. Not apparently used for any purpose right now. Same STP's. Good preservation - the lines are clear. Near a clay sona.

Site 446

Heavily plowed field, used to grow corn. Many sherds no architecture remains. Hills <sup>ca. 50m</sup> to the South west. Site 445 <sup>75m</sup> 100 meters to the Southwest at the Base of the hill. Topography flat rising slowly to the West at the Base of the hill. Soil Dark Brown kind that forms over limestone. Belongs to Linda. 15 x 15 area.

Site 450

Heavily plowed field used for growing corn. Sherds collected - no architecture remains. Quebrada 75 m to the South. Topography flat sloping down eastward from the West. 10 x 10 area.

Site 452

field has been plowed in part used for grazing. 3 mound site. Structure visibility poor, artifact visibility is bad. site 450 is to the 200 meters to the SW 100 meters to the East is the highway. Topography is flat small hill is up to West 100 meters. No sherds found or collected.

Site 454

This site is located in a field used for grazing cows. There is low to medium scrub grass. No plowing. Structure #2 has a medium-sized tree growing on top. Artifact visibility is bad - structure visibility is fair. Site 454 is 400 meters North of Site 452 and 400 meters West of the highway. Site 442 is about 225 meters to the West of 453. A quebrado (tributary of Guazma) is located 175 meters to the North.

Structure preservation is good. <sup>Small</sup> Medium-sized marble, limestone and other angular stones and river cobbles used in construction. ~~No~~ A mano was collected, but no sherds.

The land is very gradually sloping downward to the south and the north. Site 454 is 350 meter West of Site 453.

Site 453

Six structures plus two rock concentrations. 175 meters from the (SSE) <sup>from Site 113</sup> to medium Low scrub grass used for cattle grazing. Topography flat. Heavily plowed. Good structure visibility poor artifact visibility. Small to medium angular stones and river cobbles. Structure preservation is fairly good.

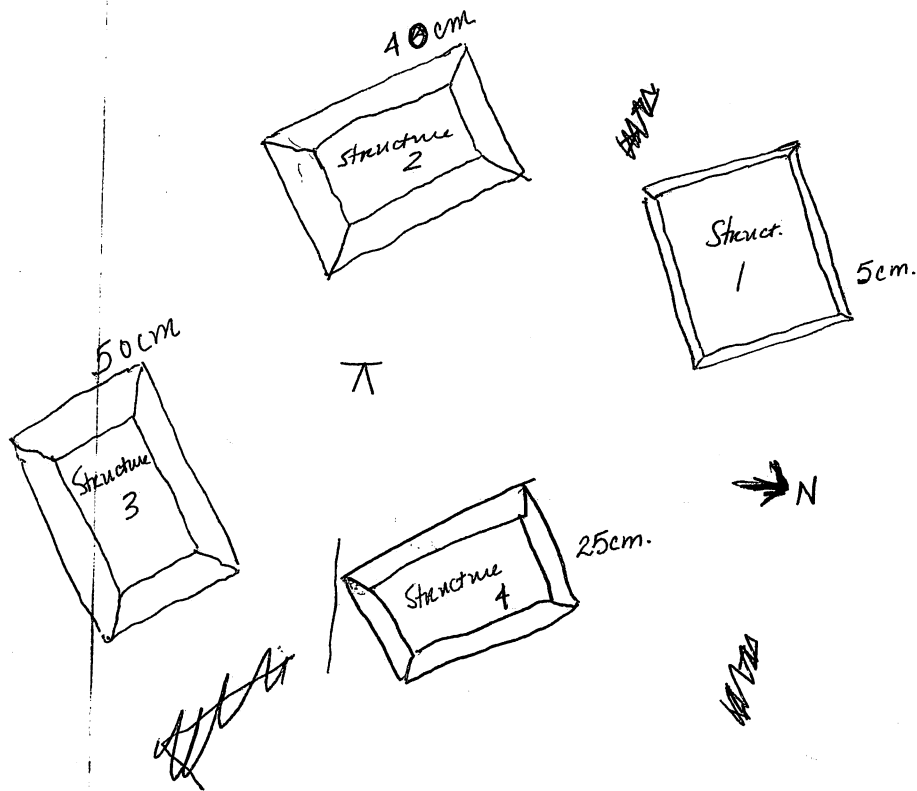
(metre) Sherds collected mostly from the <sup>north-north</sup> west of the site.

Sixty meters to the highway. Tree growing out of Structure 4.

150 meters to the north is the quebrado (a tributary of the Guazma).

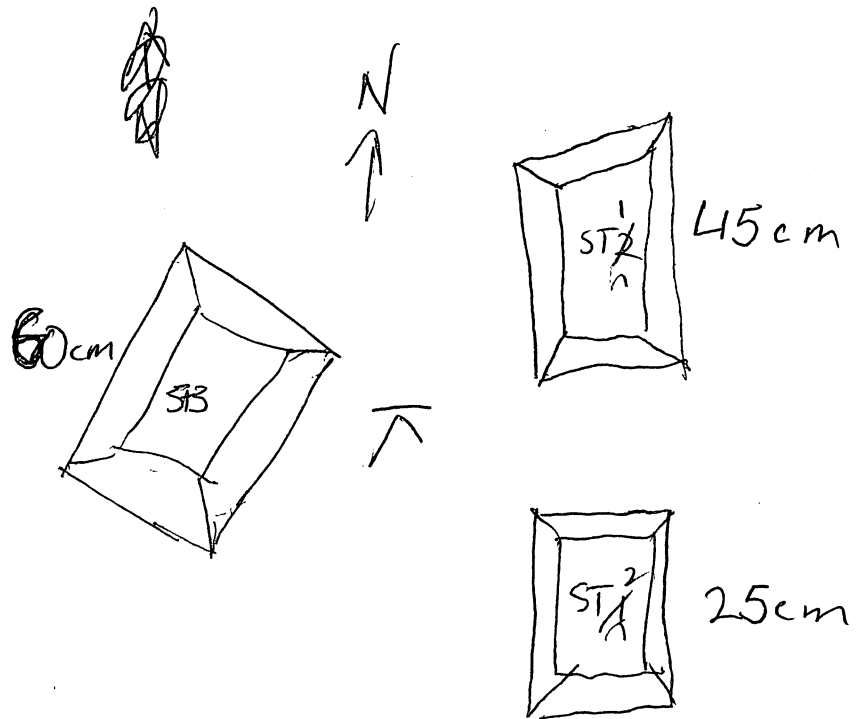


Site 332



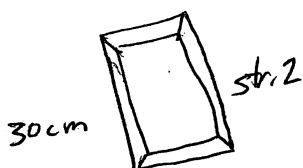
Point	4	distance
1) NE cor. Str. #1	359° 30'	1 6.66 meters
2) NW " "	325° 30'	2 6.92
3) SW " "	313° 30'	3 4.85
4) NE " " 2	276° 0'	4 5.95
5) NW " "	270° 30'	5 9.56
6) SE " "	234° 0'	6 5.95
7) NW " " 3	196° 0'	7 6.62
8) SW " "	187° 0'	8 10.59
9) NE " "	150° 0'	9 7.10
10) SW " " 4	133° 0'	10 4.42
11) NW " "	70° 0'	" 2.90
12) NE " "	71° 0'	" 7.70

Site 335

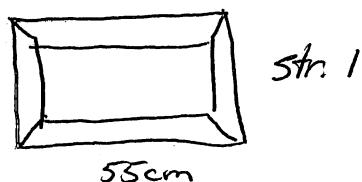
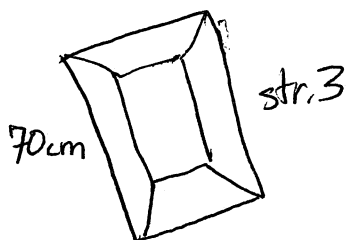


	point	distance
1/	SW CORNER Structure 2 154° ✓	1.20 m.
2/	NW CORNER Structure 2 89° ✓	2.33 m.
3/	NE CORNER Structure 2 88° ✓	5.60 m.
4/	SW CORNER Structure 2 1 42° ✓	1.49 m
5/	NW CORNER Structure 2 1 352° ✓	6.62 m.
6/	NE CORNER Structure 2 1 27° ✓	10.05 m.
7/	SE CORNER Structure 3 239° ✓	5.26 m.
8/	SW CORNER Structure 3 248° ✓	10.44 m.
9/	NW CORNER Structure 3 282° ✓	12.47 m.

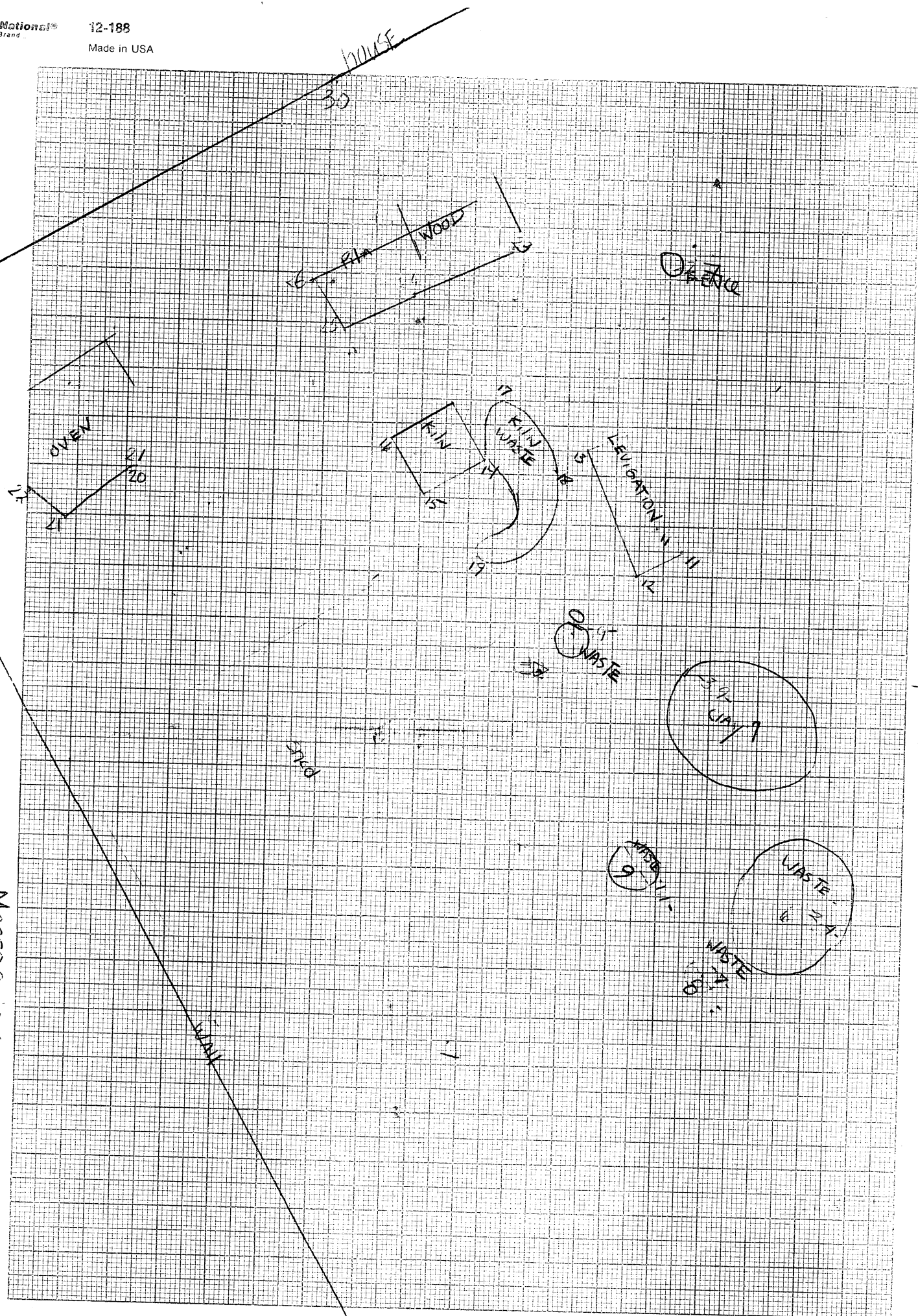
Site 33f



PUN 91-43-24



POINT			$\phi$	Distance
1) SE CORN	Structure 1	1	$154^{\circ} 30'$	18.43m
2) NE "	"	1	$145^{\circ} 0'$	14.88m
3) NW "	"	1	$177^{\circ} 0'$	9.82m
4) W "	"	3	$260^{\circ} 0'$	10.3m
5) <del>NE</del> E "	"	3	$334^{\circ} 30'$	5.49m
6) SE "	"	3	$234^{\circ} 0'$	2.96m
7) NW "	"	2	$347^{\circ} 0'$	12.95m
8) NE "	"	2	$11^{\circ} 0'$	14.36m
9) SE "	"	2	$18^{\circ} 30'$	20.26m



Marroquin Ceramic Workshop  
Scale 1:100  
6/4/91

## Research Design

### I. Geologic Map:

- 1/ Geologic map at scale 1:50,000 (Dane & Coulter 1978) will be constructed for 96 km<sup>2</sup> area for Glen Valley.
- A/ Purpose: assess elements, distribution of bedrock types + non-igneous resources w.r.t. present <sup>and future</sup> ~~habitat~~ (e.g., clay + clay).
- 2/ The mapping ....
- 3/ The compilation of the map ....
- 4/ Obtain, draw on, review / survey + plan, begin, present record.

# Amulthi-dhar Puri NSF report

## I. 1990 + 1991 Karam.

1. Ste. 1990 + 1991 - Karam = N-AP, supported by fresh NSF
- ( " Craft Production and Sociological Structure in Southern Sharanvada " BNS 8919272 ad \_\_\_\_\_ ?
2. ~~Stefan's request of other inventory - extended to Jan -~~
3. ~~Stefan's work on both years was to:~~
  - 1. reconstruct pattern of activity at site El. (approx. 5500) in Karam

## Sharni over

1. How my sharni started report?
2. How many sharni shown, design analyzed?
3. # analyzed great stone
  - 1. 12 " unconserved
  - 2. 12 " pyro.
  - 3. 12 " sharni
4. Estimate # of total sharni, other reasons
  - 1. " " " processed " " "



6/5/91

Doing some survey work w. of the Rio Chusquea today. Overcast, river has risen to cover the grassland 'bridge' but still parallel ca. 0.5m deep. Started in orange grass on the high terrace ~~see~~ overlooking the Chusquea floodplain which is extensive here.

Site 270: a very thin scatter of light, eroded, very small shrub, no sign of construction material. The whole area has been plowed and ~~land~~ <sup>there</sup> have been flattened, previously in sugar cane. blot of small, angular stones showing up on the surface, natural, later like thin, red-brun, rocky soil. Right at the base of the w. hill, the terrace is no more than 0.3m wide E-W.

at this point - pointing out to the N. the Chusquea is ca. 0.5-0.25m to the E. No other water sources noted nearby. The surface collection mound is visible through high grass which is, nevertheless, spotty in coverage. The whole artifact area covers ca. 9m across. Very low density.

Site 271 - Ca. 150-200m N. of Site 270 in the same vegetation cover. Once more, a few scattered, light eroded shrub, at least 1 brushing block. Cover ca. 5m across. No evidence of brushy material 2-drown, some scattered, small, ca. 0.1-0.4m in diameter (smaller) stones in a redish-brown earth. plowing evident. Closest water - Rio Chusquea ca. 0.5-0.75m to the <sup>west</sup> east, hill ca. 0.5m to the east. Modern road is far from - ca. 75m to the east.

to general, very light scatter of shrub and brush

over the surface but few clear concentrations.

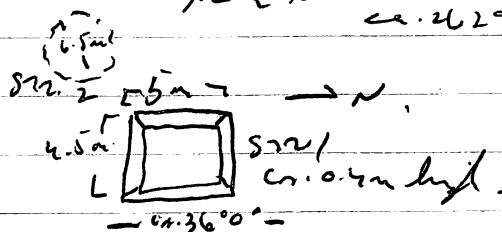
Site 272 - scattered shrub (mold + eroded), quite  
clustering, dirt, some few cobbles over area roughly  
15m in diameter ca. 200m S. of site #270. Field is  
covered in low to med. - high cool grass, some  
more signs of plowing and shallow (ca. 0.2m deep) ditches  
along open spots ~~with~~ where the ground is clearly  
visible - most of the material near near here. The Chacabon  
is ca. 300m to the W. while a reservoir, deep (ca. 12m  
deep) quadrada runs ca. 150m S. of the site + enters  
back into the hill ca. 150m to the E. The muddy  
leech, portulaca, like the barometer at San  
Barra. Hard, heavy, sometimes eroded to be diagnostic  
low bryozoa found in well.

Site 273 - a very low (ca. 0.1m high) rubble-fused  
platform located ca. 75m back E. of the ca. 25m deep  
to the Chacabon floodplain in low cool  
grass with some cleared grass patches of ground. A  
few scattered artifacts including clusters found within ca.  
15m of the structure. The bldg. is ca. 4 x 3m (squared)  
and is oriented roughly 136°. The bldg. back situated,  
as though placed. The great signs of plowing in this  
field in stone are in fact to the N. The Chacabon  
is ca. 350m to the W., the quadrada entered above  
(Site 272) is ca. 75m to the S. The latter is clay  
now. The structure is covered / fused with some  
rubble ca. 75m S. of site 272. Site immediately E.  
of road road here, ca. 100m S. of a newly constructed  
road.

Site 274 - Ca. 75m E. of Site 273 and ca. 80m S. of Site 272. In low scrub zone but with few areas of exposed earth. Several gubrode are 80m to the S. and the drop to the Chalecan is ca. 120m to the W. Drop is ca. 25m to the Chalecan's floodplain. Cattle pasture but plowed in the part. Site consists of a concentration of large river cobbles ca. 5.5m in diameter, <sup>(overall)</sup> heavily disturbed by plowing (it seems - stones are scattered). No visible anthropogenic Zand-i ft. topsoil.

Site 275 - ca 2 str. sites ca 25m E. of the ca 25-30m drop to the Chalecan floodplain in low scrub zone apparently used for cattle pasture. Open areas of exposed earth are restricted largely to the area leading to the drop off and it is here that the outcrop (275A/1) was found. (Quartzite clastic and chert - no shales). The Chalecan is roughly 300m to the W, the hill, ca 150m to the E. and the gubrode running E. Site 273+274 ca. 175m to the W. (The water runs close to the hill - into a very deep valley - ca. 25m deep & ca 150m W. of the hill). Site 275,   
Chalecan drop-off.

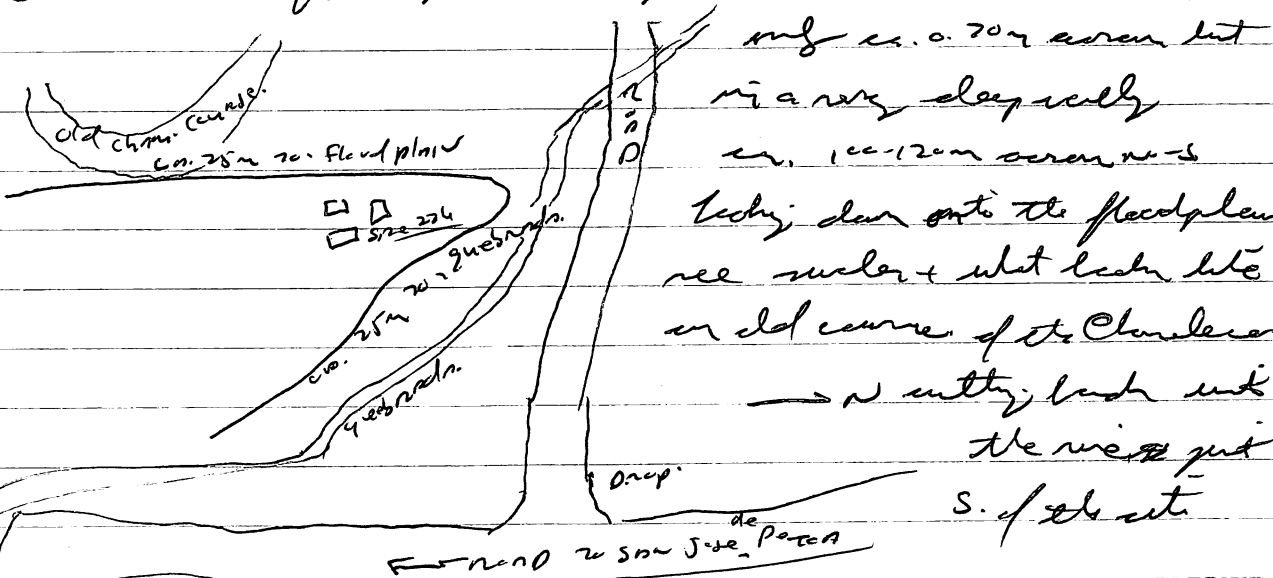
From the 1/2 SW corner to the center of the 275  
 ca. 262°, 9m.



Both the 1+2 seem to have been built primarily with relatively large river cobbles and some angular stones. The 2 look flattened. The two diagonals of the 1 is ca. 0.4m high and extended. The S.W. & S.E. corner

pit of earth line the ~~main~~ crest of the dip to the  
 Charleston, and plunging ~~backwards~~ bulldozing had occurred  
 here recently. The clear evidence of its destruction,  
 however, occurs. Opp. El Hange n. road to  
 palmargi. Look in flat to gradually dip E. toward the hills  
 in large grassy fields ~~into~~ into in their field ca. 100 m E. of the mt  
 of the road to San Jose.

ly the road to San Jose.  
Site 276 - apt field to the N. of site 275  
 directly overlooking the quebrada (see site 273+274)  
 on a point of land where the quebrada enters the  
 Chancador floodplain. The quebrada carries water now,

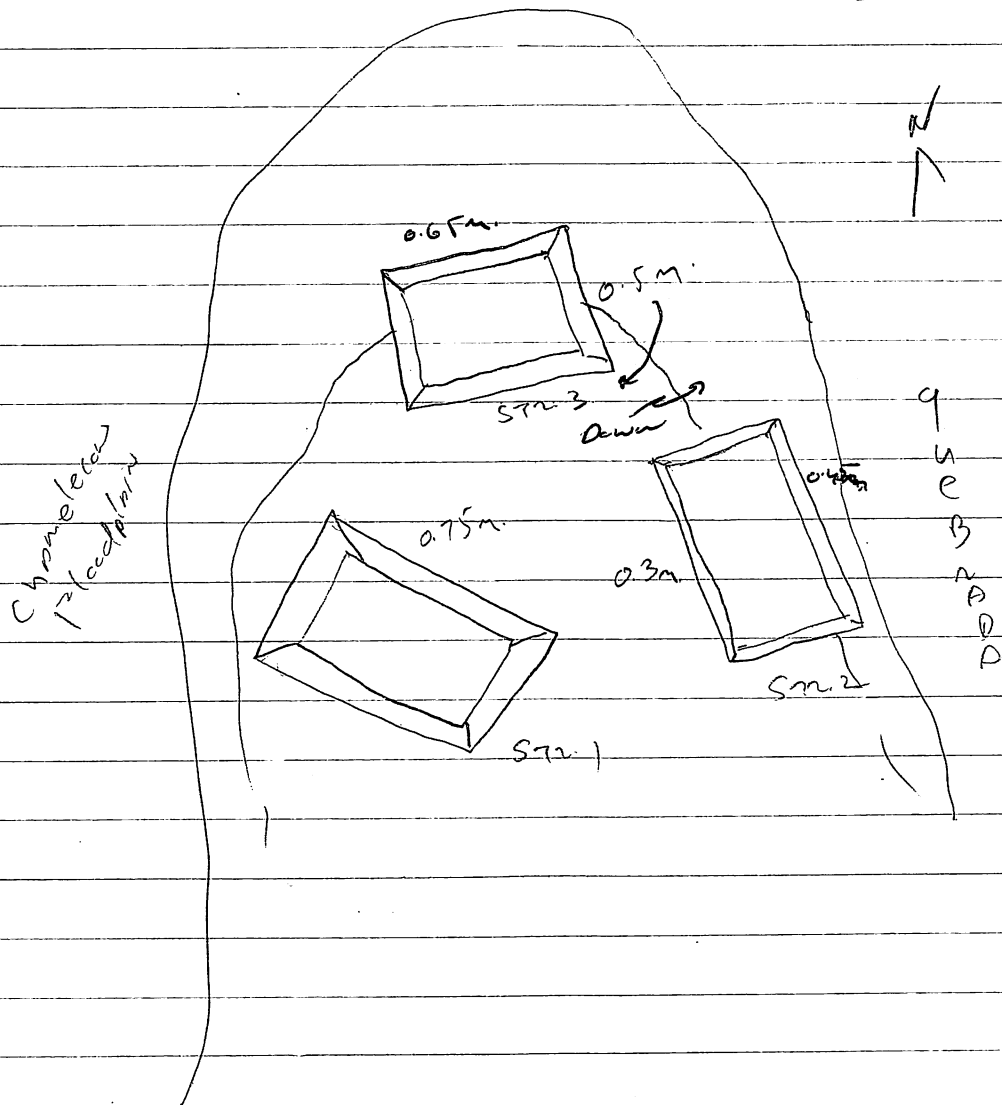


only ca. 0.70 m across but  
in a very deep valley  
ca. 100-120 m across and  
leading down onto the floodplain  
see sketch + what looks like  
an old course of the Chauliwar  
→ a cutting back into  
the river just  
S. of the city

The land is flat and covered in low  
scrub grass with little visible ground  
surface. Shrub/undergrowth is scattered  
throughout the area. The vegetation  
is low - ca. 15cm to the S; the shrubs - ca. 25cm  
to the N. + the E. boundary is ca. 30cm to the W.  
The floodplain is low & is covered to the  
north, some orange orchards, little scrub  
forest. Both the east & west boundaries are  
low, the hillsides are ca. 15cm to the N.

covered in rock outcrops and the rock looks  
thin. In general, rock are reddish-brown with  
lots of small pebbles.

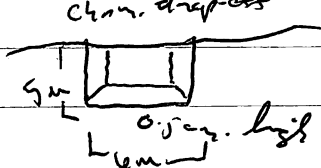
Site 276



	Point	Angle	Distance
1	SE Corner Structure 3	351° 0'	4.53 m
2	SW Corner Structure 3	295° 30'	7.86
3	NW Corner Structure 3	326° 0'	11.87
4	NW Corner Structure 2	64° 0'	5.65
5	NE Corner Structure 2	66° 30'	11.6
6	SE " " "	96° 0'	12.60
7	NE Corner Structure 3	144° 30'	4.99 m
8	SE corner structure 3	165° 30'	12 m
9	NW corner structure 3	279°	5.79 m
10	Point on Calzada	85°	17.78
11	Point on Calzada	9° 30'	20.81
<del>12</del>	<del>Point on</del>		
12	Fence and drop to channel	239° 30'	23.17 m
13	Fence and drop to channel	232°	29.14 m

thru. the surface with cobbles and some angular stones, the former predominating; the 2 last the lowest stones under the rubble. Enclose a picture of the view. The land slopes ca. 0.15 m to the W. + W. <sup>to</sup> so that the exposure is that of the 276 str. on a low rise, but not back disturbed. immediately W. (ca. 200 m) of the first drop on road

Site 277 - a single str. with ca. 2 con s. of site 275 on the crest of the rise overlooking the drop to the Chavalecon, the single platform cut by the Chavalecon current which erodes down edge. Intertidal near the point where a short but deep (ca. 200 m by 5) gulch leads away for the B. built + enters the Chavalecon floodplain - an irregular position to site 276. The single platform is eroded ca. 54° 0'. The drainage disturbance same for erosion



built from well rounded angular river cobbles, earth fill. The artifacts in the overgrown cut

6/11/91

Site 288 - On Mamocal Ranch ca. 150m S. of the tree line for Mamocal Creek, ca. 100m east of the Shaver Highway, ca. 125m S. of the new road running for the highway toward the Chavalecon, the Chavalecon itself looks to be approximately 1.5 km to the east. In medium height but widely spaced trees, architectural variability is good to very good, subject variability is o.k. with open spaces of exposed earth. Cattle pasture, apparently plowed recently. The site consists of 4 preserved rubble (medium to small) faced and cutthroat buildings organized around a patio. The ground slope ca. 0.2 - 0.25m for S.W. to N.E. with str. 1 + 4 built into + onto the rise respectively. The land is mostly flat. The N. end of str. 3 was lost, a ca. 0.25m deep (now) hole ca. 0.25m across runs dry into the N. part of the summit exposing a layer of shale or well-sorted cobble and silt. A lot seems to be a cobble bench ca. 1/2 m across 0 - 1 m across the center of the summit parallel to str. 3's long axis. All of the str. look to have been plowed around the edges - str. 4, the lowest, is plowed across the summit. Plowed heavily the last couple of nights - ground/rail is hard to slip. Fairly rocky with lots of small pebble exposure.

Ca. 25m N. of str. 2 - a 4m diameter rock concentration composed of medium to small rubble, heavily plowed and dispersed. It sits on a low (ca. 0.2m high) rise above the land on which str. 2 is built. Probably part of Site 288.

Note that ca. 50m E. of the highway / ca. 125m N. of the old junction up the Copache road opposite the cemetery. Light scattering of rubble and sand recovered over area roughly 45m N-S + 40m W-E.

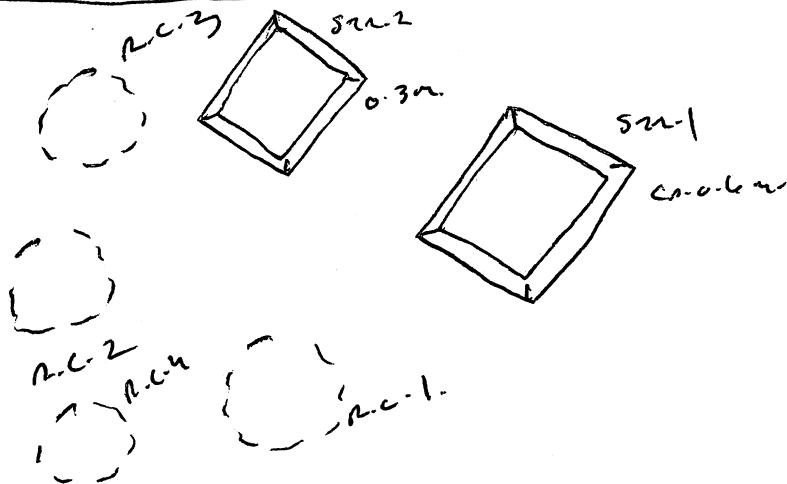
Disturbed str.?

Site 289 - Roughly 1700 S of Site 104, ca 2800  
S of the Phenocast Creek, roughly, 1 km east of the  
highway, the Chaudron is a very approximate 500m further  
to the east. The ground is fairly flat covered in low,  
very dense grass. There is still fairly brown,  
though it has rained heavily here the last couple of  
nights. The visibility should be good though the  
ground is now heavily plowed and most sites have  
been flattened. Intertidal visibility is poor. There are  
several, recently dry pits - ca 25m on a side and  
1.5m deep. In most cases they reveal a fine, brown  
soil, few rock inclusions (remember - the recent  
rains are making the soil look dark?). In one of these  
sites, on the S. flank, found a concentration of cobbles  
and one of very eroded, small shales and fragments  
of chert. The cobbles seem to appear roughly 0.75m  
above the level that has been used of the bank is  
backfilled. Looking at the cobbles in uncertain part of  
the bank is backfilled. It seems that a fairly small  
site now destroyed in the course of building the  
tank (cattle water trough?). The site is of the  
field and normally area are used for cattle  
pasture.

Site 288A/1 - Material from the backfill  
of the water pit into str. 3.



Site 289 (cont.)



The remnants of 5 buildings (at least) located ca. 75m NE of the aforementioned site and artifacts. One fairly even mound in long dense grass, cattle pasturing heavily plowed. All of the buildings are plowed and displaced to some extent. Ca. 125m S/SW of Site 109, ca. 175m S. of the Maroon Creek. A shallow (ca. 2-3m deep) gulcher lies ca. 35m to the S/SW. no water in it now - ~~was~~ does it seem to carry much water at any time. Buildings were faced with adobe and small rubble. A ditch runs into the site on the S. It is here here that the surface collection was made - 289A/1.

289A/1 - 7 rows the bank (gravel) N of the ditch cut on the S. of the site.

Point	K	Distance
1. N corner str. #1	353'	5.55
2. E " "	58	6.97
3. W " "	262	4.33
4. E corner str. #2	334'	11.55
5. N " "	326'	17.26
6. W " "	312'	15.81
7. Center Rock Concentration #3	297'	16.32
8. Center Rock Con. #2	265	21.08
9. " #4	242	16.24
10. " #1	212	12.23

5m diameter  
5m  
5m  
5m

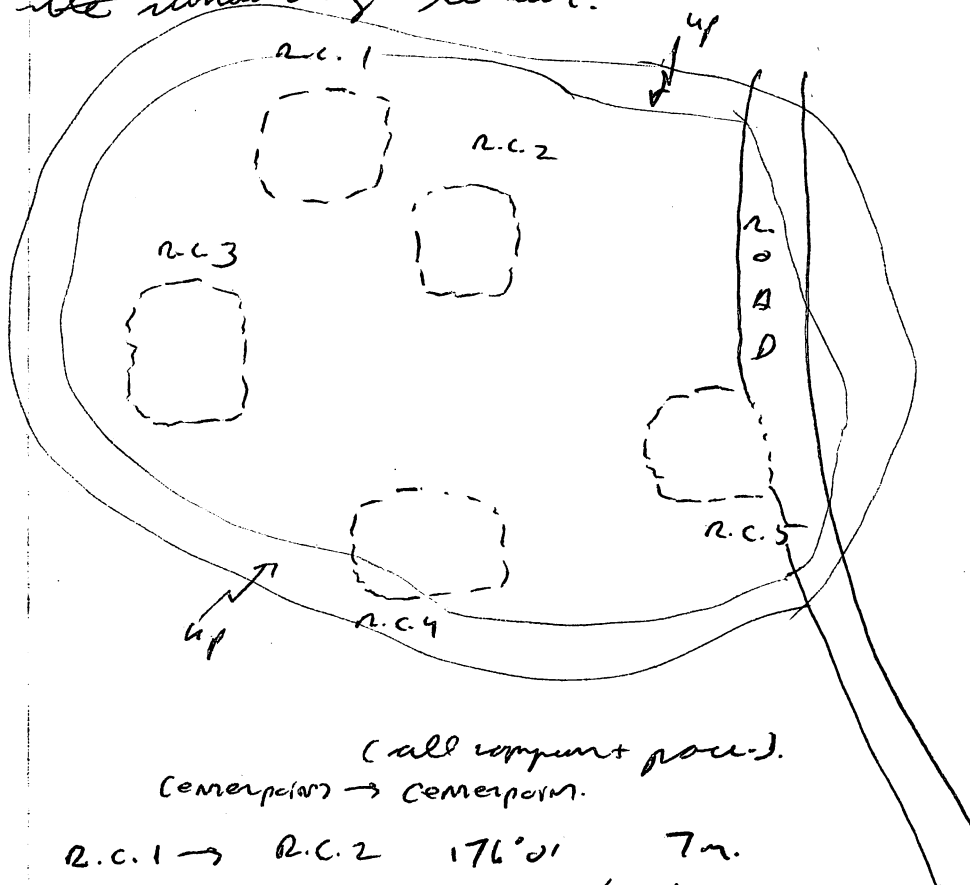
Site 290 - Ca 120m east of Site 289, 125m S. of Shamrock  
Creek, roughly 400m west of the Chandelton on flat  
land, heavily plowed, covered in low, dense grass  
with good str. visibility and poor artifact visibility.  
The site consists of a concentration of medium to small  
cobbles ca. 12m in diameter or a few (ca. 0.2m high)  
near the rest of the terrace. (The cobbles mostly  
small). The site looks like the destroyed remnant  
of a small group of str. No artifacts noted. The  
field separating Sites 289 and 290 is covered with a  
light concentration scattering of cobbles - no  
artifacts. Probably once were a group group of str.  
fairly small, throughout this area - within of Site  
109? A number of fairly deep, recently dug pits  
dot the area - ca. 2-4m deep, with high backfill  
pits, some of which have large to medium  
cobbles in them. No artifacts. Fairly fine,  
brown soil on the surface and revealed in the  
pits. Cattle pasture.

Site 291 - Ca. 150m S. of Site 290, roughly 250m S. of  
Shamrock Creek, the Chandelton lies roughly 300m to  
the east, while the old road leads S. toward the  
river. There is the site on the east. In low, very  
dense grass, good str. visibility, poor artifact  
visibility. Another fairly thoroughly destroyed site  
which consisted of at least 1 str. wall/outline  
with medium to small cobbles. Completely plowed  
that the outlines of buildings are ± obliterated.  
No visible artifacts. Looks like the group  
was surrounded a pattern or all sides, like the  
Clarke pattern. The field is used in cattle  
pasture, old ditches and backfill pits for  
water dot the area.

S170291 map E 131?

Site 291 (cont.)

The site rests on a low ancient ca. 0.3-0.4 m above the surrounding terrain.



(all compass points)

Centerpoint → Centerpoint.

R.C. 1 → R.C. 2 176°0' 7m.  
 R.C. 3 → R.C. 2 70°0' 16m.  
 R.C. 3 → R.C. 4 141°0' 19.5m.  
 R.C. 5 → R.C. 4 238°0' 20.0m.

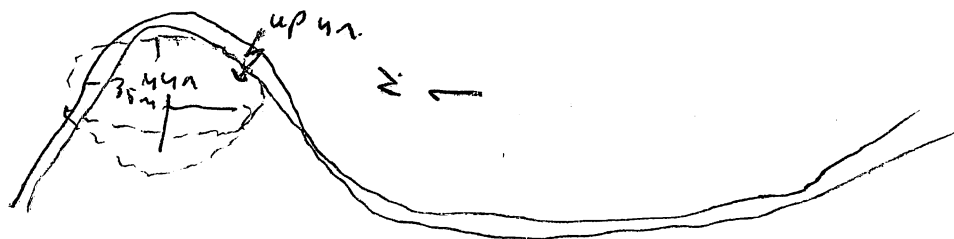
Diameters

R.C. 1 5.5m.  
 R.C. 2 4.0m.  
 R.C. 3 7.0m.  
 R.C. 4 8.0m.  
 R.C. 5 8.0m.

Site 291 - a bit appears to be a single str. <sup>site</sup> ~~site~~  
 ca. 100m S of Site 290, ca. 150m N.E. of Site 291,  
 130m S. of Shanahan Creek, 35m west of Chenckan, and 25m west of the old Shanahan  
 road to the Highway. The site is in the  
 same field as Site 291 - level terrain  
 heavily plowed, cattle pasture, good str.  
 visibility, no artifacts. The str. is certainly  
 forced with mud (mud) to redline near cellar -  
 the only ruins which stand out in the field because

the relative rarity of their stores in the area. The building is on a low (ca. 0.25 m high) rise with the field. The bldg. itself is on a rise an additional 0.10 m. Overall dimensions are: 6 x 4 m, oriented -224°0'. The floor is pretty good - especially on the N.E.S., as though the building had not been plowed. A few other scattered cobbles were seen ~~near~~ within ca. 6 m of the bldg. - possibly other well structures were formerly loc. here as well.

Site 292 - located ca. 300 m S along the Chumlecan from Site 108, 200 m west of the Chumlecan, 175 m N of the Mo River, on a 5 m high bluff ~~which~~ currently being plowed mechanically for cattle pasture. The site is in essentially bare earth, the grass not yet planted. The visibility is good except for minor surface irregularities. Unfortunately, plowing & subsequent rock piling & removal have destroyed all of the structure so that all that's left is a cobble & sand scatter extending ca. 44 m back west from the edge of the rise and for ca. 35 m N.-S. along it. No clear rock concentrations are left. The site seems to sit on a low terrace where the ~~the~~ flat terrace extends east toward the Chumlecan. The latter does not seem to be floodplain but a lower portion of the terrace. The rock is dark brown and free of vesicles - it looks fertile. The land is fairly flat extending back W.



Site 292 (cont.) - Roughly 3T<sub>4</sub> w. of Site 292 + the  
terrace edge - a rubble concentration - less dense  
internal, less artifact - ca. 9m in diameter. Can cut them?

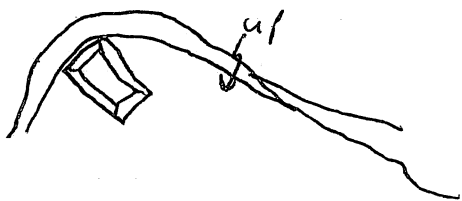
The main, eastern half of the site is marked  
by a very dense concentration of rubble and artifacts.

292A/1 - General surface - main (eastern), concentration  
part of the material (shards) are eroded so of a  
few were collected. Like Site Clamie. A hole in  
clashum was noted several large pieces of chert were  
found.

The rubble are medium (most) to small in size.

Site that Site 108 is now a plowed down  
concentration of rubble and shards roughly 25-30m  
in diameter.

Site 293 - a single str. site located ca. 250m SW of  
Site 290, 450m W of the Clamie, 500m S of  
Mammoth Creek of 100m W of the Nebraska Car Turn  
on a ca. 3.5m high rise above the terrace on which  
Sites 290-292 rest. Covered in low, dense green,  
gravel str. but poor artifact visibility. The  
single bldg. occupies the E. edge of the ascent  
and is faced with medium river cobbles.  
It stands ca. 0.5m high and measures 7x5m, oriented:  
327° ±. The artifacts -



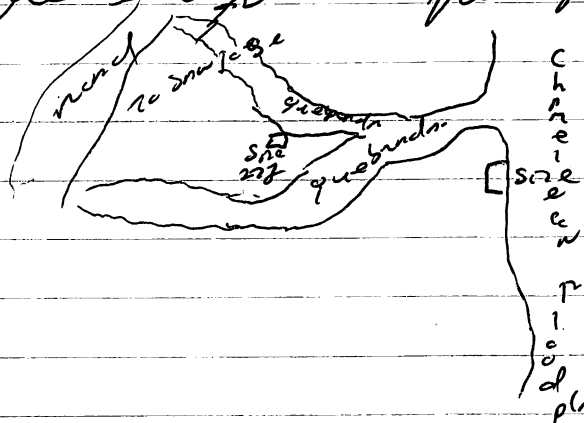
Site 294 - located ca. 220m WNW of Site 293, 375m S of Site 104, ca. 500m S of Shanaced Creek and ca. 200m N of the quebrada for Turkey or directed terrace. A small (ca. 4m deep) quebrada with numerous pebbles run immediately N. + E of the site, a branch of the same quebrada that borders Site 293. The water in it now depicts 2 mths of heavy drought. Cover is medium - high, dense grass, 0.4 m. but had artificial stability. No artificial pond. Single str. measuring: 5x3m, ca. 0.25m high, and oriented 21° 0'. Faced with small to medium cobbles, about equal portions of both.

Site - one for Chaparral: the Chaparral land clear. land is cleared (of vegetation) area of the quebrada ca. 120m NW of Site 294. No other artificial or signs of construction land in the area.

Site 295 - located ca. 120m S<sup>W</sup> of Site 294, ca. 600m S of Shanaced Creek, 170m N. of the quebrada for Turkey, and 700-800m west of the San Chalecon, in directed terrace. A number of small pebble channels to a quebrada spot system in between the Turkey + Shanaced cut through line, each roughly 3-5m deep. Cobbles + large boulders are exposed here. The site intersects in the middle of these seasonal (still dry) channels with flat terrace extending towards the quebrada for Turkey or its S. and the quebrada channel to its N. The lower occupies the rest of a rise for use of these channels, the land sloping roughly ca. 5m on the N. 2 str. pebbles with small (mostly) to medium sized cobbles.

Covered in moderately high, dense grass, few areas of exposed earth. No good surface collecting. Little pasture, some wood cutting. Road is flat. No other drains str. Good visibility for gluttering, poor for antipater. S. of Chavalecan is ca 300m to the ~~road~~, the short quebrada has ca 50m to the S, the hill to ca 180m to the S. in the road. Quebrada is dry now.

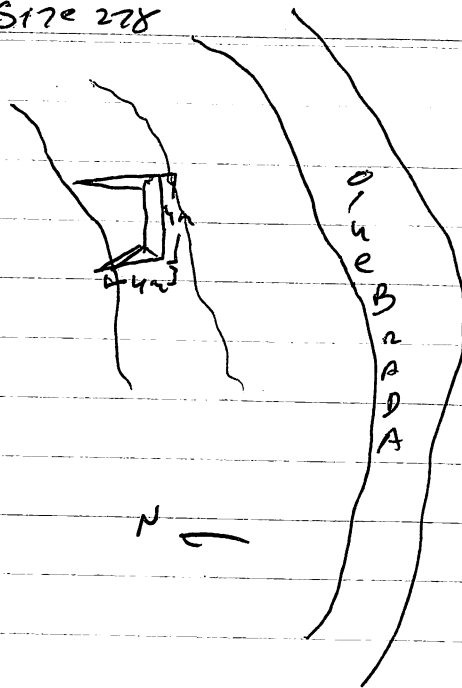
Site 278 - another ridge str. inter ca. 100m S of Site 277 and the ascent from the Chavalecan floodplain. Covered in dense, medium high short scrub and grass, O.K. visibility for str., poor for antipater - none of the latter were found. Tilted ca. 25m W of the ~~ascent~~ a short, ~~relatively~~ steep (ca 10m), dry (now) quebrada ca 40m S of the Chavalecan of 150m W of the hill + the road. This area - for Site 275 S. is heavily dissected by short quebradas which come from the S. hill + run out relatively steep channels en route the short distance to the Chavalecan floodplain. Slightly all seem to converge before entering the floodplain zone.



The ridge bdy. is a low (ca. 0.15m high) fence built into land gradually rising to the

roadway from the quebrada with no apparent elevation - all height is in the str. in downsloping, S. face where cobbles / small to medium sized / are noted.

Site 278



oriented very roughly  $211^{\circ}0'$ .  
The land is fairly flat, rising  
gradually to the N + E. towards  
the hills and away from the  
quebrada. Recently cut,  
apparently used as council  
pasture.

Site 279 - located on another point of land between  
the quebrada which cuts S. of Site 277 and the  
Chameleson escarpment, Site 277 is across the quebrada  
and ca. 150m to the N, Site 278 is not visible from  
here but is approximately ~~150m~~ 150m to the NW across  
the quebrada. Covered in low to medium-high, dense  
grass and thorn scrub, good str. visibility, some  
bracken fern or few areas of exposed earth are  
apparent. A few scattered trees. The land is  
fairly flat, sloping down ca.  $0.5-0.75\%$  to the  
NW - towards the tip of land rising and  
very gradually to the S. and E. away from the  
quebrada + Chameleson step-off. Land is a  
shy, fine brown, few stones visible on the  
surface. See for Sites 277+278. Cattle pasture,  
recently cut (the large vegetation). The Chameleson  
is ca. 300m to the W, the escarpment is ca.  
350m in that direction while the quebrada here  
is 50m to the N. (not carrying water today).  
Another short, shy (now) and deep (ca. 10-15m)  
quebrada cuts ca. 300m to the S. of Site 279.



indicates that 2 crops / year can be obtained from  
this formation for many years without resting the  
soil - it is reported to be good for mango. Note,  
~~have~~ however, that none of this area is currently  
planted in crops or looks to have been cultivated  
recently. Looks like a limestone formation. In fact,  
immediately to the E. we can see that the road cut into  
the hills changes from an orange to white rock. The  
white stone being limestones. Several chunks of the  
latter are found on the surface of hills W. of the  
hills. Could this be the beginning of the limestone-  
based rock found S. on the E. side of the river?  
But into the ~~so~~ ~~leaves~~ also do not reveal the  
rock - rock level found to the N. in the  
red-orange soil. The limestone - based rock looks  
to be better quality than their red-orange  
counterparts to the N.

Antennator again on the floodplain.

Site 280 - Ca. 150 m N. of Site 279 and across the  
quebrada which drops Site 279 on the S. Covered in low  
dense scrub grass, some open ~~exposed~~ <sup>appearance of</sup>  
earth. The slope to the Chucabaca is ca.  $\frac{1}{2}$  m to  
the W, the quebrada ca. 100 m S. The latter is  
currently dry but deep (ca. 15 m) bays are of a  
nature which once for the hills ca. 150-200 m to  
the east, where the road is also located. The  
ground is fairly flat. An area of scattered  
cobble and a few crushed stones, some of which  
also ~~may~~ <sup>may</sup> come out in the quebrada  
W. well (scattered). Small, medium-sized  
cobble, a few medium-sized angular  
stones. Areas of the scatter ca. 100 m across. No limestone.

Site 275-279 belong to the Cesp. for Shwager located on the road to Palmaris.

Information from the Shwager also indicates that there is a site with much of the road to Palmaris near their house.

15 of January Cesp. ca 250m to the S. of Site 280.

Site 281 - A scatter of cobbles located ca. 150m east of the drop to the Chusquea, ca. 450m to the Chusquea, ca. 75m W. of the hill + the road just S. of the fence line as the <sup>perforated</sup> field S. of 15 of January which is ca 175m to the N. The intervening field was planted in corn recently but is not green and brown stalks are in the field. Cesp. for medium-high dense scrub grass, grassy + scrubby, near for artifacts. A few artifacts found - eroded sherd, not collected. Another scatter ca. 18m away. Here penicilli are, not back destroyed, no dentures. On large gently sloping E. toward the hill + S. of 15 of January. Note that along the Chusquea ascent by + S. of Site 280 a pile of earth and cobbles was high inter-laid been levelled + relocated. No artifacts seen but not a careful search. 3 hrs. debris continues for ca. 120m S. of Site 280.

Site 281 is ca. 125m SW of Site 280.

Survey today indicates a relatively large number of sites but small even clustered primarily along the edge of the desert to the Chusquea. Quite a few are clustered but none seem to be or to have been larger than 3-7 sites. There seem to

to be an increase in rate and st. density as  
we head S. towards Nanjore de Petre. This  
could be due to the better (better) rock in  
this area, to the somewhat better state of preservation  
here, and/or to the increasing frequency of gneiss  
as we head S. near 15 of January. The area on  
the N. is almost completely planted in orange trees  
on the terrace and the floodplain (7 miles S.  
the floodplain is in grain, watermelons and banana  
trees at least). This situation makes  
for terrible st. preservation. I am assuming that  
we have priority because of the preservation. It also  
seems less likely that st. would be here  
in this area if gneiss was in the area that  
I can identify (in fact).

~~all of the late deposit study~~

273A/1 - general surface = mostly for - exposed area - crest.

275A/1 - " general surface = " " " " " "

276A/1 - for the encampment of the gneiss & below  
the st.

281A/1 - a piece of granite found in the area  
road immediately S. of the road stone concentration.

6/6/81

Starts out with the last of first field N of 2 de Julio  
(mistakenly called 15 of January yesterday). an unplanted  
in corn, all dry stubble and low vegetation alternating  
with open spaces of dark earth. Sometime (raft + breakalls)  
located ca. 0.2m below surface on the etc. lower river  
where 2 de Julio is situated. Ground near here  
gradually E. W. S. towards the hills and  
more markedly ca. 25m on the S. to where 2 de  
Julio enters. N. to the Chancaran in steep (ca. 25m)  
here as it runs to the N. light scattering of shrub  
in the field, heavily eroded, no concentration. In some  
remnants towards the Chancaran crest. Few or no  
sedges. Planted mechanically every year for  
corn. Locals (several in field) recognize shrub.

Site 282 - The shrub increase in density S. towards  
2 de Julio, though the number still not great. The  
shrubs are found over an area of roughly 100m E.-W. x 25m  
N.-S. - more shrub + chichin. Situated ca. 225m S. of  
Site 281, the Chancaran is ca. 50m to the W. the hills  
rise ca. 60m to the E. across the road. The vegetation  
eroded in the area. Ground cover is fairly sparse here  
not even very partially account for the number of shrub  
seen. We went through other cleared spaces to the N.,  
however, and didn't find as much, just a few artifacts  
quite likely, also near a site atop the ca. 2.5m high rise  
supporting 2 de Julio with the several natural nearby  
down past the field to the N.

282A/1 - general uniform field.

### Site 283

Low, scattered scrubgrass. Used for cattle pasture. Dark, brown to black soil presumed to be derived from limestone. Ground visibility okay.

Located in boundaries of 2nd of July town.

Approx. 250 meters South of Site 282, 65 meters to west is decent to Chamelecón. Hills and road are about 150 meters to the east. About 50 meters to north is a short, very deep quebrada which is now dry. Quebrada starts about 45 m. to the east and runs about 25 meters deep.

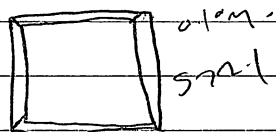
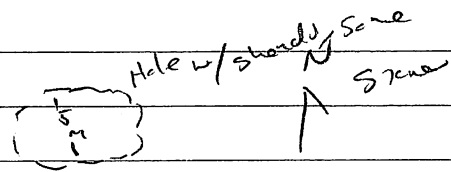
Ground here is fairly flat. There is modern occupation within 25-30 meters.

Site is just a scatter of shreds and river cobbles heavily disturbed encompassing about 15 meter in diameter circle. Also has modern garbage.

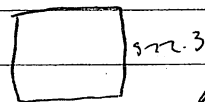
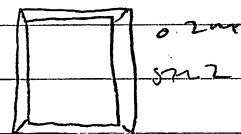
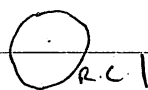
One lot collected, 283A/1 which is general surface collection. Some jute found in the area.

We are on a terrace above the Chamelecón.

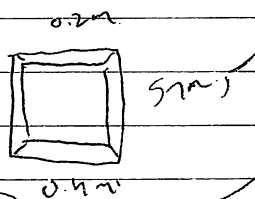
site 284



Scattered  
stone



15m  
descant



quebrada

Site 2821

Point	4	distance
1) NE corner St 1	272° 0'	27m 62cm
2) SE corner St 1	264° 0'	28m 30cm
3) NW corner St 1	273° 0'	30m 75cm
4) center RC 1	43° 0'	diam 120 1m 60cm
5) NW corner St 2	104° 0'	15 <del>7</del> 73cm
6) NE corner St 2	118° 0'	17m 46cm
7) SW corner St 2	108° 0'	11m 72cm
8) SW corner St. 3	123° 30'	19 35
9) SE " "	127° 0'	22 24
10) NE " "	118° 30'	24 40
11) St. 1 to Turning pt. 1	152° 0'	30 16
12) St. 2 to Turning pt. 1	45° 0'	21 34
13) NE corner St. 4	60° 0'	27 67
14) SE " "	65° 0'	27 42
15) NW " "	67° 0'	23 51
16) Center rock concentration* 2	78° <del>30</del> 0'	<del>22</del> 22 93 2 meters in diameter
17) Station 2 to Station 3	210° 0'	29m 65cm
18) SW corner Structure 5	180° 0'	15m 05cm
19) SE corner Structure 5	163° 0'	15m 65cm
20) NE corner Structure 5	152° 0'	10m 81cm
30) cabecera	250° 0'	18m 62cm
31) cabecera	308° 30'	19m

32) Station 4 to Station 1	235°	30m 59cm
33) Station 4 to <del>Station 2</del> STATION 5	59°	30m 30cm
34) center hole	69°	14m 80cm
		5 meter Diameter

Site 284 - Ca. 100m S. of Site 283 on the same  
limestone, or low, moderately depressed low sand scrub  
grass with a fair amount of low grass showing, shrubs.  
The site is located on the N. bank of the Quebrada Zapotot  
(congruent with today). The descent to the Chonoleon is  
a steep 25m(±) and lies ca. 30m W. of the l. The Quebrada  
Zapotot is ca. 15m deep (the valley at entry), and is  
on right up against str. 4+5. The land is generally  
flat, rising gradually east toward the hills (ca. 150m  
distant) and away from the Chonoleon. The land also  
slopes toward the center of the field for both Site 283  
and 284, no sign of any run-off in this area. In fact,  
the hole included on this map is in the center of the  
dip, ca. 1.5m. Cattle pasture, same as the field today.

Very depressed site with very low bldgs. No  
clear signs of disturbance, no plowing would easily  
obliterate the stone. All are built or outlined with  
moderately large to small river cobbles, very low and  
extensive. The best preserved bldg. with the  
best limestone str. 1, 2, and 5. Some angular stones  
in the wall lines. The hole is a relatively recent, ca.  
0.25m deep depression roughly 5m in diameter exposing river  
cobbles and a few artifacts (stone-enclosed - and some  
slab + clastic - 1 plate each.).

The soil is the dark brown-to-black red  
D. on limestone bedrock.

284A/1 - general surface within 5m N. of R.C.I.

Feature - on the lower of site plan and str.

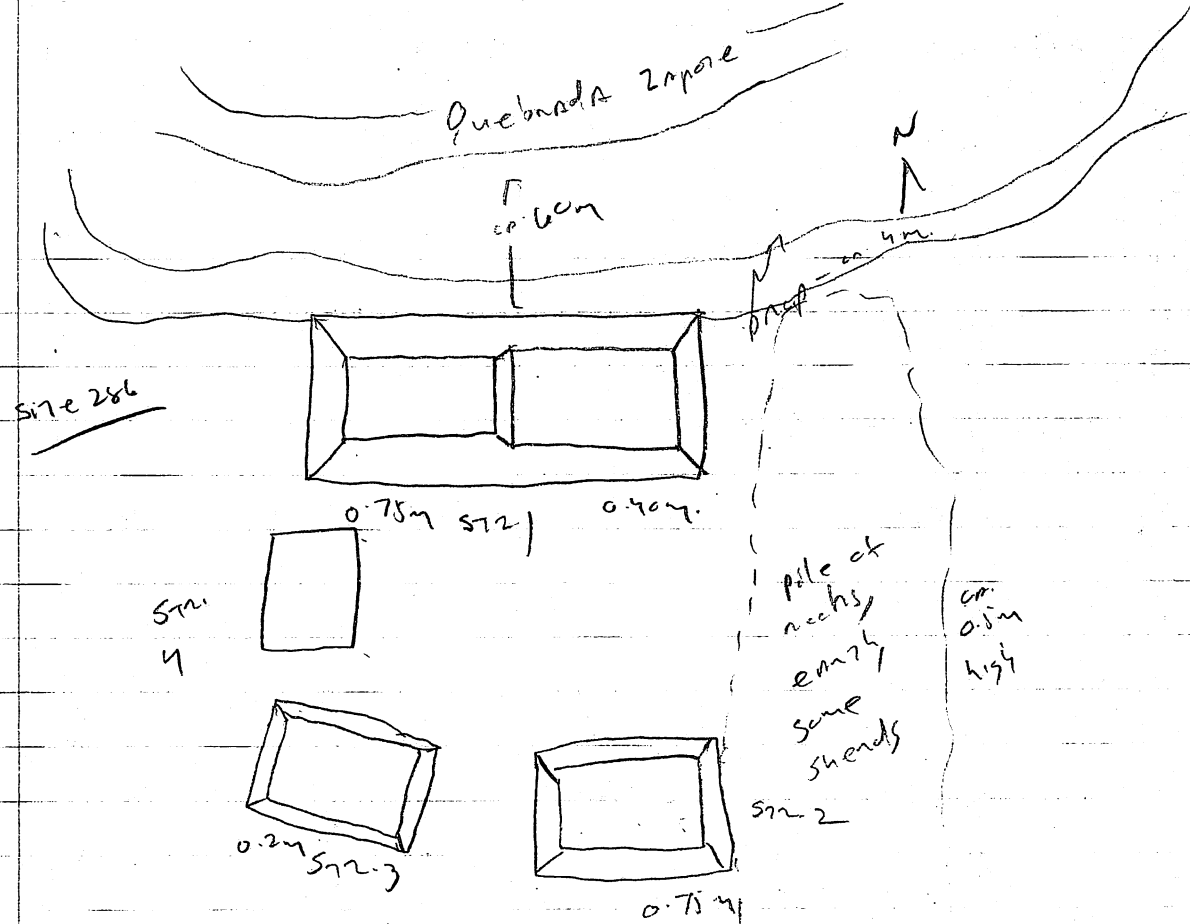
Form/size - to be Early Postclassic.

On the S. edge of 2 de Julio, modern occupation  
within ca. 150m to the N.E., in sight of the site.



Site 285 - single stn. site ca. 80m S. of the Quebrada Zapate, ca. 175m. west of the hill (ca. 100m west of the road), and roughly 200m east of the Chavalecan ascent. The Chavalecan is a very approximate 450m to the W. Covered in low dense grass + recently cut ~~thorn~~ thorn scrub, good stn. visibility, poor artifact visibility. On flat land atop the east. Terrace is dark brown soil on a limestone base. Built of angular stones (rust. limestone) and, possibly, some limestone river cobbles. 36 stn. slabs ca. 0.15m high and measure:  $3.5 \times 3.5$  m, oriented - ca.  $52^{\circ} 0'$ . Could easily be taken to be an outcrop of limestone cave slot - no other such stone concentrations are in the vicinity and a small lot of scrub cover from immediately (ca. 2.5m) W. of the stn. is the path which enters across it. Outside of the path the only other signs of disturbance is a pile of rocks on the stn.'s N. end on which removed from other original positions. There is a low ridge in the middle of the covered pasture.

Site 286 is ca. 60m S. of the Quebrada Zapate, ca. 200m east of the Chavalecan drop-off roughly 200m west of the hill + the road on generally flat land. Covered in ~~recently~~ recently cut dense, high thorn scrub (monte) - stn. visibility is poor, artifact is equally poor. Part of the site (on the W.) seems to have been bulldozed. A ca. 0.5m high line of dirt + stones with some artifact is found here continuing well beyond the site to the S. The stones and stumps are found mostly around the site. 36 remaining 4 bldgs. were fairly well preserved.



POINT	$\angle$	Distance
1 SE cor. #1 superstructure	$66^{\circ} 0'$	2.58m
2 NW cor. #1	$312^{\circ} 0'$	5.12m
3 NE " #1	$59^{\circ} 0'$	11.67m
4 SE " "	$84^{\circ} 0'$	12.99
5 N. end debris pile	$146^{\circ} 30'$	15.85
6 E. side debris pile	$95^{\circ} 30'$	18.55
7 W. side " "	$110^{\circ} 0'$	13.54
8 NE cor. #2	$129^{\circ} 0'$	15.25
9 NW " "	$148^{\circ} 0'$	14.50
10 SW " "	$153^{\circ} 30'$	19.75
11 NE " #3	$165^{\circ} 0'$	14.78
12 NW " "	$182^{\circ} 0'$	13.55
13 SW " "	$181^{\circ} 0'$	15.88
14 SW " #4	$208^{\circ} 30'$	13.47
15 SE " "	$203^{\circ} 0'$	10.44
16 NE " "	$223^{\circ} 0'$	7.94

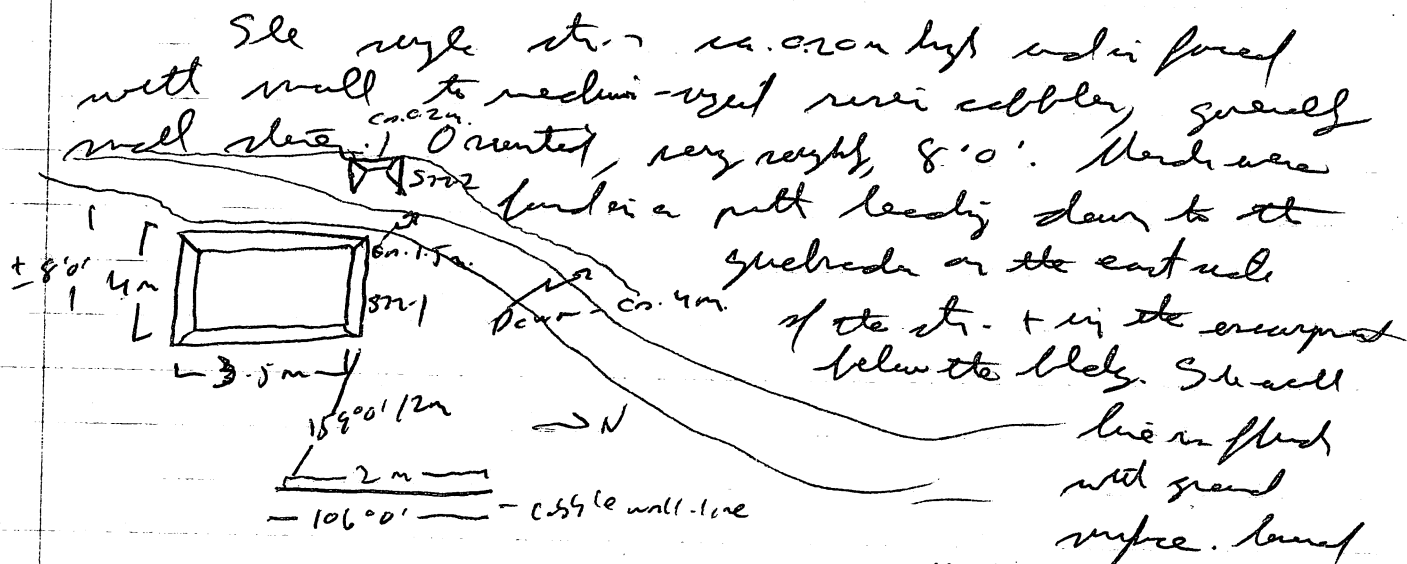
(site 286 cont.) with rare well-laminar silt. Some dark brown soil found on a limestone base noted elsewhere to the N + S.

Site 4 preserved str. were preserved/preserved in section-sized coarse cobbles, rare limestone shunk + cobbles on well. Site 4 is the 1st on the N. W. is ca. 0.7 m high at its W. superstructure. Site 2 is also fairly high (ca. 0.5 m) while its east end is partially obscured by the debris pile. Str. 3 + 4 are much lower and smaller, apparently representing cut-building.

Site 160, remnants of which (cobbles/earth/debris pile), are partially noted near the road to the gulch. It would be a remnant of one or located near site 286 so I don't think that there is it. Site 286 is a remnant of the classic site found further S. (like El Brazo) and may represent the beginning of the classic site pattern along the gulch + escarpment overlooking the Chuclesan floodplain.

Site 160 is the rest of the field - but the Chuclesan escarpment to the hill ca. 400-500 m to the east of the drop-off, has been bulldozed + heavily plowed. There are numerous <sup>large</sup> piles of earth and stone, with earth throughout the area. This may mark a continuation of the leveling of sites and terraces we noted above El Brazo in 1978 + 1979. That much was done ~~but~~ with the land, however.

Site 287 - a single mound + 1 feature (well-line)  
 into ca. 45m S. of the Guelbada Zapato, ca. 125m N.E. of  
 site 284 along the same (S. side) of the Guelbada.  
 On low grass + recently cut dense thorn scrub  
 (monte), str. visibility is poor, except visibility in  
 poor. Used as animal pasture. The site is on the  
 crest of a ca. 6m high to the limited, rocky floodplain  
 of the Guelbada Zapato. The slope to the Chavacana  
 floodplain is ca. +90° to the west, the  
 hills are about an equal distance to the east,  
 the next road being ca. 180m to the east.  
 Fine dark brown to black soil noted on a limestone  
 due to the N.E.



the cobbles are embedded  
 in the surface of the earth between the well. line +  
 str. - no clear line. Disturbance seen nearby

Change - the site is a little bigger than  
 expected. Str. 2 3x3m, oriented  $\pm 5^\circ$ . Then the N.E. corner of  
Str. 2 - the N.W. corner of Str. 1 184° 0' 10.5m

Ca. 5m east of Str. 2, a cut into the site into  
 which Str. 2 enters. Fine cobbles along upper edge of well  
 along with some fairly large clasts. collected on 28/10/92.  
 On the Guelbada Zapato floodplain, ca. 12m N. of Str. 2

cracks filled with what appear to be redgranite rubble,  
slaty - shaly. Assuming that therefore the site 287 area  
this material is designated 287A13

287A11 - General surface of str. 1, north off to the  
east in the path leading down to the quebrada

287A12 - From the east onto the east side of the low  
rise supporting str. 2.

287A13 - General surface, pit of debris, Quebrada  
Zapote floodplain.

Along the eastern edge of the field - a few  
scattered shrubs and rocks - approaching the hills  
heavily disturbed, even to the west of the field.

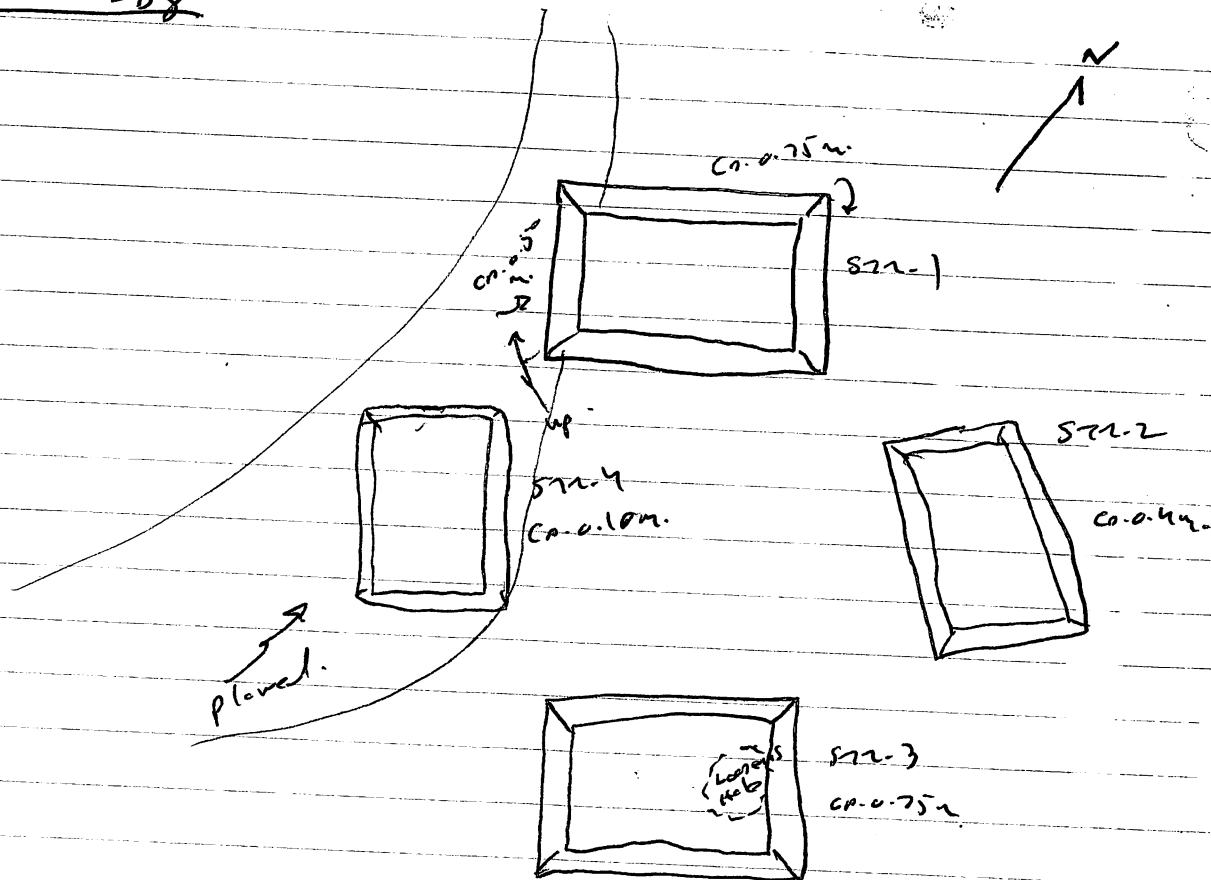
Examined the field immediately east of the road and  
S. of the Quebrada Zapote. A few scattered (weeds), heavily  
eroded shrubs. Field heavily overgrown but recently  
cut & still growing. Many scrub (mats) but little, some  
str. should have been visible. Dark brown to black  
soil on a limestone base - rare limestone rocks in  
the field. Followed the quebrada upstream to the  
S. bank - ran up this way on foot to the eastern  
side valley where Palmarejo is located.

We were shown a "Pleistocene deposit" (eroded)  
but "recently" up to, behind (east of) the colonia  
on the N. side of the Quebrada Zapote. Two  
the Charlie polychrome shales were also reported  
to derive from the Colonia (2nd of July / 5 of January -  
some confusion here). Both were shown to me by  
children.

The limestone-based, dark brown soil seems to  
continue S. in an unbroken line from the point  
marked on the map through San Jose + El Pal.

Site 288

Site 288



Point	X	Distance
W corner str. #1	293	3.09
N " "	2	5.14
E " "	84	5.02
W corner str. #2	54	9.59
E " "	62	15.35
S " "	82	15.12
W corner str. #3	122	12.12
W " "	170	9.59
S " "	165	15.40
W corner str. #4	219 30 minutes	10.36
S " "	202'	13.25
N " "	202	7.79

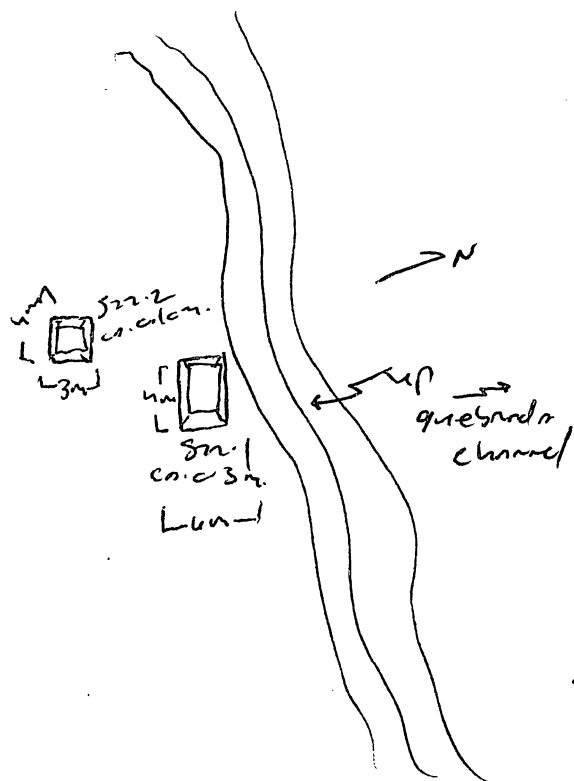
Site 295 (cont.)

compass + pace

Str. 1 6 x 4 m, 900'

Str. 2 3 m x 4 m, 14000'

Str. 2 E. corner to Str. 1 S.  
corner - 7300' 7m



Covered in medium height,  
dense grass, o.k. str; poor  
surface visibility. No surface  
notes. Cattle pasture

all of the fields covered today are  
cattle pasture in view of growth or use.  
Almost all have been heavily cultivated,  
including mechanized plowing, resulting in no  
disturbance or disturbance of sites. The exception  
is the field containing sites 293-295. Possibly  
because it is no direct mechanized plowing,  
is not protected here. The result is that the  
buildings in sites 293-295 are in fairly good  
shape, about the best of those seen today.

The land throughout is fairly level, dipping  
gradually east toward the Chaleco. For about  
the first 1.5 km east (S.E.) of the highway the  
description pertains and the soil seems reddish-  
brown with numerous small pebbles occasionally  
showing upon the surface. After this point the  
descent toward the Chaleco takes on the form of  
shallow terraces, the rest of which sites 293 and 295 rest.

after  $\frac{1}{2}$  of these trenches the land leveled out again until it descended 1 m. to the Chulecan. The soil in the heavy, eastern area looks heavier, less reddish & deeper, with fine gravel rocks. The newly cultivated area of site 292 is just below quite fertile and deep, to ca. 0.2 m deep from uneven, very small stones. Possibly closer to floodplain soil?

In general, most inter found today were located south near either Shomacat Creek or the Chulecan. The numerous grabbers seemed to attract smaller (1-2 str.) inter near the point where the land descended in, however toward the Chulecan. Further w. away from the Chulecan + S. away from the Shomacat inter dropped off dramatically in density. Could be a product of ~~plow~~ disturbance but most of the inter were near the Chulecan + Shomacat were heavily plowed in well and yet some inter remnants were found here. Not the total explanation.

One Shomacat water reported pretty artificial in the bank of the Chulecan near where it is joined by the Shomacat Creek. It checked out - the report seemed vague.



note 298-18

next since 297  
open 11/5

314-337  
324\*-379

6/13/81

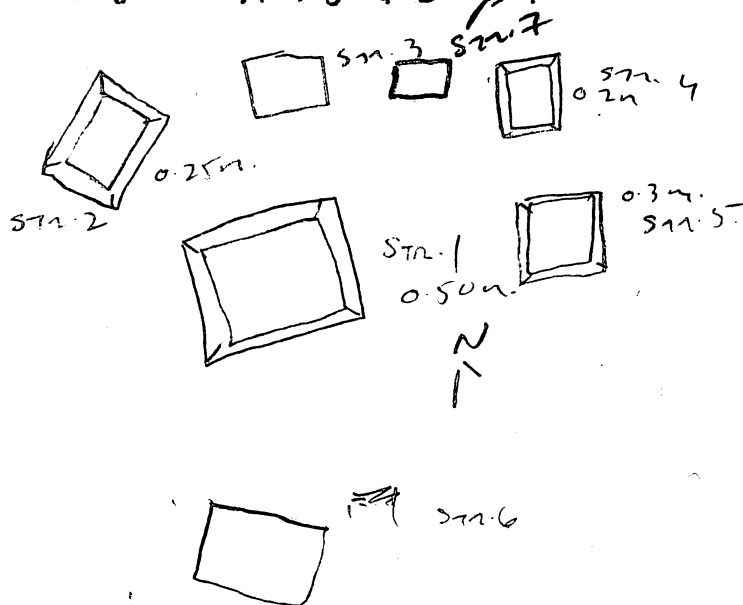
Site 297 - Ca. 300m east of the road, ca. 70m S. of the Quebrada San Juan (dry narrow on level terrain rising slightly to the S + E. Covered in old, dry, medium-high cane stalks and low, dense green, heavily planted. A concentration of shrub, fairly dense scattered over roughly 15m in diameter. The surviving construction. Some artifacts possibly from the site, noted along the highway, east side, next to the site. Only a few scattered small rubber noted. They have continued into the road (highway). Not currently planted. March continues to be found ca. 50-75m east so gradually diminishing in density. Part of the line with the house built along the road opposite the military base. Part of the field currently appears growing cane, ca. 0.20m high, not yet replanted.

Site 298 - Ca. 130m east of Site 297 + 150m east of the road, ca. 70m S. of the Quebrada San Juan (dry narrow) and 400m N. of the Rio Negro, on a relatively flat, heavily planted terrain. Covered in low, dense scrub green with some exposed areas of earth. Good str.; per artifact visibility. A scattering of angular small (mostly not) to medium stones, in reddish-brown earth and a few heavily eroded, small shrub. Cover ca. 75m in diameter. Cattle pasture. Guava? No other rocky concentrations - a relatively dense scattering of scattered

Site 299 - Located ca. 120m S. of the Quebrada San Juan and 250m N. of the Rio Negro, 150m east of the road on relatively flat land, heavily planted. Covered in low, dense green, some over areas of earth -

Good str. and o.k. outcrop visibility. A large  
dune contains of shales, quartz, and chert and  
ground stone in an area of exposed earth ca. 10m  
in diameter - looks like Portulacaria. In the rock  
field on hike 298, ca. 100m to the N., reported  
here it's a shallow (ca. 0.7m deep) affluence of  
the for Duran. The soil here is a reddish-  
brown, gravelly earth (no rain last night).  
The for Sever here is ca. 7.5m deep.

Site 314





	Point	$\chi$	Distance
1	Str. #1 NE Corner	73°	4.63 m
2	" " NW Corner	346° 30'	3.71
3	" " SW corner	266°	2.88
4	Str. #2 SE corner	347°	7.00
5	" " NE corner	354°	10.16
6	" " NW corner	343°	11.93
7	Str. #3 SE corner	11° 30'	13.33
8	" " NE corner	15°	14.73
9	" " SW corner	7°	14.14
10	Str. 7 SE "	35°	13.95
11	" " SW "	26°	14.33
12	" " NW " approx	29°	16.50

	Point		Distance
13	Sta. #4 NW cor.	46°	13.8 m
14	" " NE "	59°	16.92
15	" " SE "	74°	13.54
16	" #5 NE "	84°	12.5
17	" " SE "	101°	11.62
18	" " NW "	74° 30'	9.35
19	" #6 NE "	122°	8.98
20	" " NW "	123°	6.43
21	SW " approx	141°	6.77

Site 314 - Covered in medium-high scrub - grass  
 with rare open areas of earth, str. visible -  
 good, artifact visible per to ok. - No artifacts  
 seen. ~~Below~~ Affluent of the unnamed quebrada is  
 ca. 25 m N. of the site, the quebrada Los Yucas  
 is ca. 125 m to the S., the Rio Guano is ca.  
 350-400 m S. Flat to rolling terrain, sloping N+1.  
 toward the quebrada, site 314 on a down slope and  
 on the N. toward the affluent. Reddish-brown,  
 gravelly soil - Cattle pasture. Str. from a patio  
 defined by str. 1-5+7 w/ 4 off to back (30'), well  
 preserved, no sign of leveling in the field. Freshly-  
 sized river cobbles cover slope the platform  
 str. 1 - largest, str. 3 - densely packed with  
 river cobbles, the rest not so. Str. 6 - poorly  
 defined, surface of river cobbles on the N, S, W. but  
 not the E, no cobbles in the center. Well preserved (hard)  
 are pretty clear.

Site 315 - Covered medium-high scrub grass with  
 earth shrub, ~~through~~ reddish-brown,  
 gravelly soil, good str. visibility, o.k. for  
 outposts - Ca. 100m SW of Site 314 in the same  
 field, ca. 75m S. of the offshoot of the unnamed  
 gneiss which delimits Site 314 on the N, while  
 a tributary of the for Tamar runs ca. 125m  
 SSW of the site - the latter is 6m deep,  
 the other offshoot - ca. 3m deep. Both gneiss  
 are by now. S. for Tamar is roughly 200m  
 to the S, the Rio Negro about 400m S. Terrain  
 slopes down gently to the N + S. forms  
 low ridge on the summit of which is Site 315.

2 platforms, built of 4 stones (medium to small)  
 and a few river boulders. Surface well preserved,  
 no plowing. Shrubby small stones in construction -  
 different construction material  
 the 2 rooms have 2 stones  0.25m high running N-S.  
 on the summit - parallel bench. A few small, eroded  
 0.25m x 0.25m. Shrub, not collected  
 Cattle pasture.

ST21 3m E-W. x 3.5m N-S. 246° 0'

ST21 N.W. cor. to ST22 N.E. cor. 301° 30' 6m.

ST22 4m N-S. x 3.5m E-W. 24° 0'

Site 316 - Located ca. 15m S. of an offshoot of the  
 unnamed gneiss (sh + ca. 2.5m deep line, very  
 gentle slope) on terrain gradually dropping N. toward  
 the offshoot for a ridge located ca. 10m horizontal  
 distance and 1.5m up slope to the S. ~~Exposed~~ Covered  
 in medium-high, dense green grass, good str.  
 but o.k. - poor str. visibility. A few eroded  
 shrub noted, not collected. Cattle pasture.

Site 316 (cont.). A badly disturbed set of stones that have lost their distinct form, many rubble (mostly medium size, some small) and antipast concentrations ca. 17 m in diameter. The pattern (clear) left at the site. The field does not appear to have been plowed but this site is definitely moved up.

Site - that the road along the ridge would be the quebrada offshoot in state the ridge - down, generally soil mixed from the highway S.E. toward the Chuslecar. However, in the quebrada, the earth tends to be a darker brown to grey, no pebbles, and finer grain. No rain for about 2 days + (night). The water mixed in the quebrada.

Site 317 - single str. locus ca. 120 m WSW of Site 314, overlooking an offshoot of the quebrada for 300 m, probably on the N. (ca. 4.5 m deep & dry), the unnamed quebrada ca. 200 m to the N., the for 300 m ca. 200 m to the S. Covered in medium-high, dense scrub green, good str. o.k. antipast visibility on flat terrain. Chippy off naturally into the quebrada or the main brother offshoot runs immediately to the S, the chippy down ca. 3.5 m into it. Soil str. is covered with mud (greenish) & stones + rubble and is ca. 0.25 m high, nearly 4 x 4 m and oriented  $53^{\circ}30'$ . No antipast is noted.

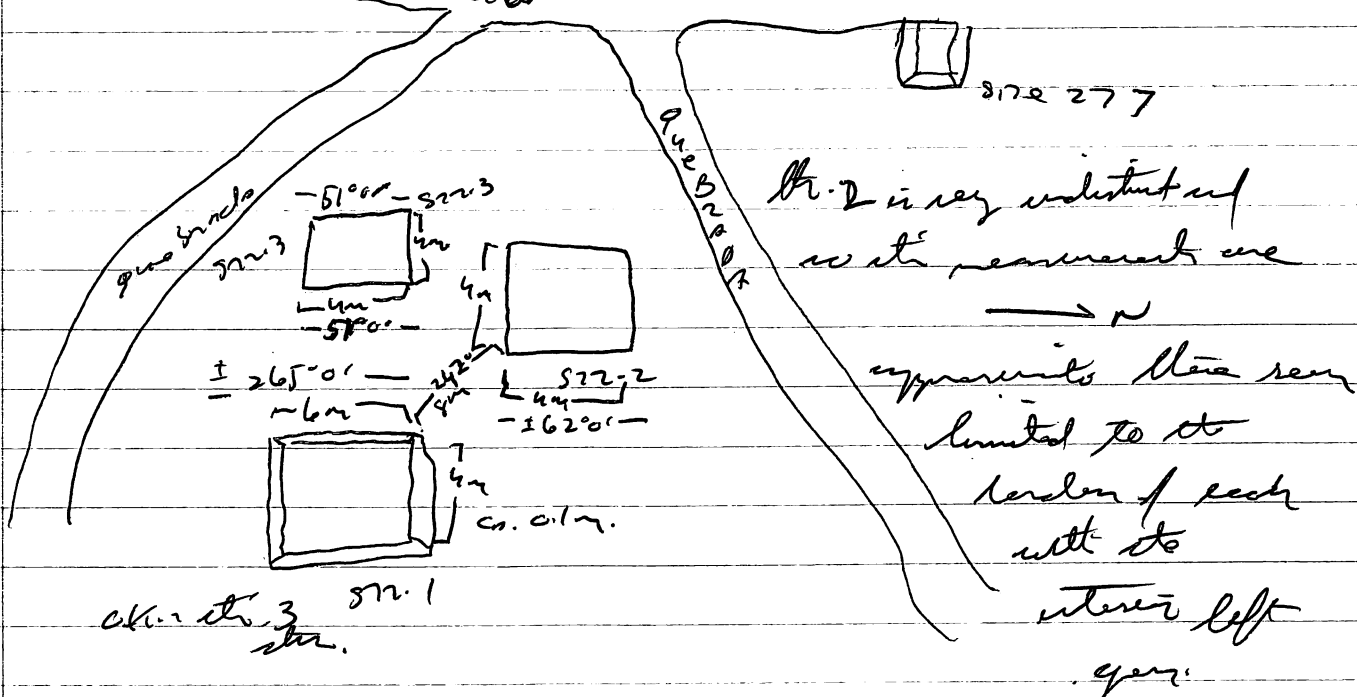
Site that the ground is being increasingly disturbed in this S.E. direction towards the Chuslecar with offshoots of the unnamed + for 300 m quebrada, all dry, no rubble in it then.

Site 318 - located ca. 25 m N. of the <sup>on offshoot of</sup> Guabradu bar  
 Tumor and 175-200 m S. of Site 317 on level <sup>intending</sup> ~~terrace~~  
 sloping down to the S. into the Pan Sumer, which  
 is ca. 4 m deep here. The Mi. floor is ca. 400 m to  
 the S., the Pan Sumer, ca. 180 m. Covered by reddish-  
 high, dense scrub grass, less than 1/2 m high, green  
 good str., poor surface roughness. Getting really  
 warmer of the site but a <sup>pole</sup> ~~pole~~ of small medium - well  
 silted (predominantly) + a stone ca. 0.9 m high and  
 a few scattered, eroded stumps + short artifacts.  
 Soil is reddish-brown + gravelly. The field have  
 been plowed and the pole looks like red-painted  
 stone from a few destroyed platforms - ear. +  
 very precisely where the site has been or its  
 certain size + form. The pole has a diameter of  
 ca. 7.5 m.

The affluent of the San Juan noted above has a ca. 0.3m wide  $\times$  0.3m deep channel carrying water (today), ca. 0.15m deep but running. Note that the San Juan has been modified, over most of its extent further upstream, including several points where it's been dammed + water pooled + later to create cattle watering troughs (e.g., "Tubo Negro" site area). It is,  $\therefore$ , hard to say how much water this channel could now carry naturally. The unnamed quebrada has not been modified in this fashion. It runs in a San Juan channel is planted in high, dense gucaste or gare (I think - the former) and has large boulders in it. The bottom of the channel is very swampy but is not carrying running water. Today like it are carried a lot of water, giving the size of the boulders (some 2m in diameter) found in the water course.

the trail (foot) runs immediately S.E. of site 278.

the 2<sup>3</sup> str. site which looks disturbed, though there are no clear signs of modern agricultural or other activities. Both buildings are low but fairly extensive and are faced with cut-thrust wall made of medium-sized river cobbles. (The walls are ca. 175 m to the east and the south).



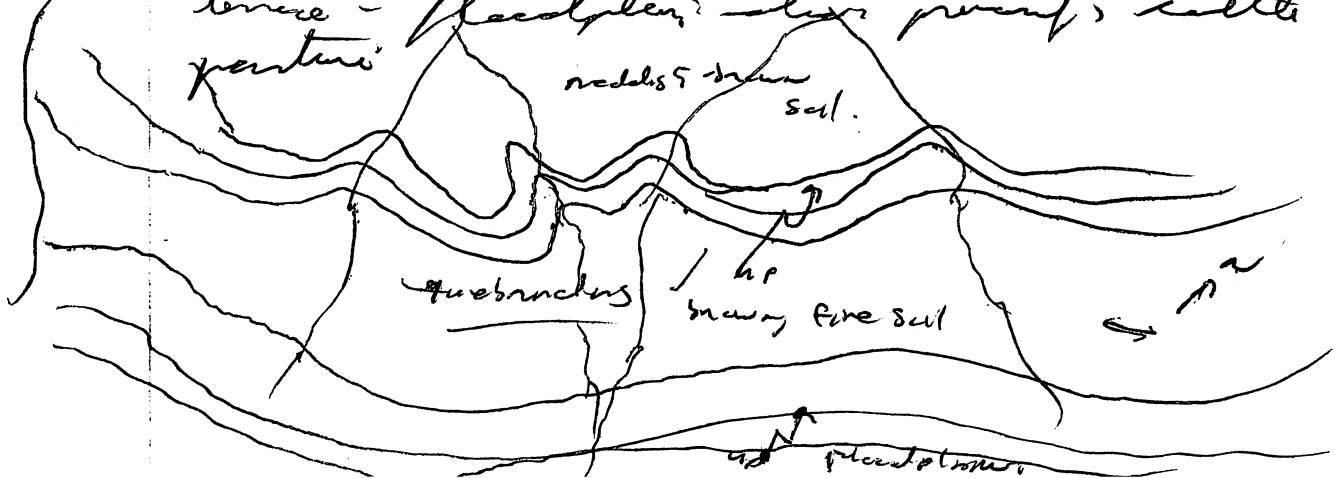
the slope is sloping down with the stream towards the quebrada.

SW. cor. str. 3 → NW. cor. str. 1  
170° to 180° (ca.)

Note that S. of site 278 the soil seems to change to a dark brown, almost black earth, fine-grained. This, contrasted with the red earth, but it looks like the soil change occurs around the sites 277-279. The soil seems to be like the soil of soil found on limestone bedrock. In the N. the earth looks redder and more rocky. N. is finer texture, finer and darker soil. A local informant

We noted the other day, as we approached the  
 Chucabean the land was increasingly directed by  
 quebradas + quebrada bedrock and changed ca.  
 4-6 m towards the river. This is also the  
 point,  $\pm$ , where the soil changes from redish-  
 orange + gravelly to darker brown, fine textured,  
 with fewer rocks. Gaining a quebrada cut  
 ca. 300 m S. of the Rio Haco. The depth of this  
 soil is at least 2.5 m with few stones evident.  
 The Haco itself runs at ca. 1 m wide + 0.15 m deep  
 with running water today, but how much more  
 for irrigation further upstream? The Haco bed cut  
 down ca. 2.5 m here near the junction with the  
 Chucabean (the point where we crossed) with about  
 the 1 m down channel is ca. 3.5 m deep or the  
 w. + 2 m or the S., becoming increasingly shallower and  
 to follow as it leaves the upper terrace + enters  
 the lower terrace. The strip to the Chucabean  
 floodplain is  $\pm$  5.5 m leaving a floodplain of roughly  
 250-300 m across E.-W. as this area. It does  
 not appear that the floodplain penetrates out at  
 the river like I thought on the W. side of the  
 river. The upper terrace ~~is~~ above the  
 floodplain fairly flat as with little relief.  
 Short of it - gravel, cattle pasture, upper  
 terrace - floodplain - lower terrace, cattle  
 pasture

Rio Haco





It is actually - the floodplain of the Rio Chuculeon does not cut just N of hite 81, by the time it does we reach the La Chaya road, the boundary of La Sierra on the N. The Chuculeon is sitting back to the mountains on the W. After this point it starts running EWS again, the western floodplain widening out below Benjamin Pay's land and Rancher Chamael. Note that there is a modern suspension bridge on the Chuculeon river at the end (east) of the La Chaya road.

Benjamin Pay's land where it borders the Muncie property now belongs to a lawyer, Roberto Pay. An old clay the eastern edge where it reaches the Chuculeon. <sup>hor just S of the Rio Chuculeon</sup> It tends to be fairly flat with a few trees on which the soil is still dark brown but with some small stones in it. Most (all) of this area has been plowed and is planted with grain for cattle pasture. No clear sites or site remnants were found in this area despite the fact that sites occupy much further to the SW around La Sierra (eg. hite 80+81 (Grps. 6+W.?).) The absence of sites here is unlikely to be due to inappropriate topography. Similarly, it is unlikely that any sites that were present here were so thoroughly obliterated that no trace remains - there are at least some traces on Chamael. It may well be, i.e., that this area was not chosen for ~~any~~ <sup>useful</sup> occupation. Possibly, because no guelade or stream enters the Chuculeon here in its guelade which runs to La Sierra close near that point. La Sierra + its surroundings may be but an extreme example of a typical pattern - i.e., sites clustered

around near where watercourses join. Note, that  
it is possible that a site once existed near the  
junction of the Rio Negro, Guadalupe San Juan, +  
Chusquea. It is now over 100 years since the  
N. bank of the Negro (site 148?) but I couldn't  
find one on the S. side of the river from the  
buildings occupy this general spot now and could  
have dreamed earlier remains.

Note also that there does seem to be a  
stray of water near the ship to the Chusquea  
N. of the Negro but not south of it. Again, Guadalupe  
downstream + into the Chusquea in this area  
but not to the S. Could this be the difference?

The area surrounding site 106 is planted in a field (a field, cane)  
commercial grain, possibly rice or cassava. <sup>(fine life zone)</sup>  
paddies continue from the S. side of the river to  
the Rio Negro and E. of the ship-off point  
earlier toward the Chusquea though here the shift  
seems to be toward cassava. The upper terrace  
with its gritty, red-brown soil seems adapted to  
relatively unimproved cattle pasture. The better  
soils seem to be the finer, dark brown soils  
lower down + closer to the Chusquea. We did  
not survey intensively in the lower area N. of the Negro  
because of the dense, cultivated growth.

Roberto Pizarro was reluctant to  
grant us permission to walk the field without  
first talking to the subgobernador himself. We, i.e., walked  
the fields now up to Boca la Vieja.

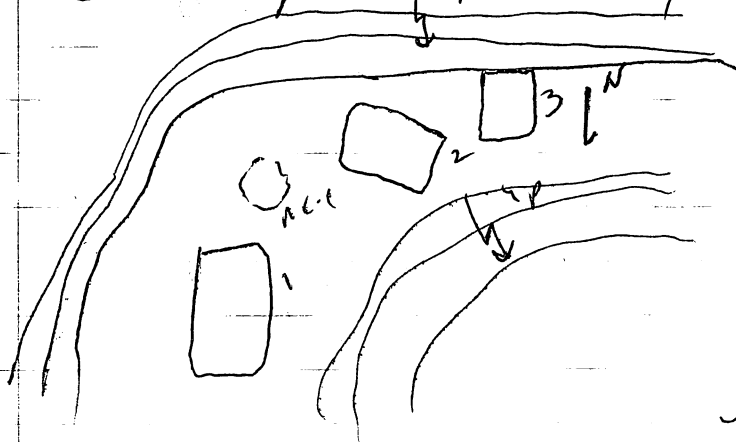
Aug. 1.2-1.3 a deep, in the title / but probably on  
the N. side of the river from the factory (the  
Monsieur name of the factory).

6/18/91

Site 319 - Runway east from Santa Dominga (Site 123) north of the Rio Shanchezuala. Located Site 319 is the first set of hills immediately (ca. 115m) N of Site 123, roughly 250m north of the Rio Shanchezuala with a quebrada (dry and ca. 2.5m deep) to crossing from the hill ca. 45m to the east. The site rests atop a relatively flat piece of land on the hill over overlooking the Shanchezuala, <sup>steeply</sup> <sup>drop</sup> ca. 7-8m on the south.

The terrain slopes up gradually toward the hill on the south, sloping gradually to the quebrada on the east. It can't plowed, now planted in corn (up ca. 0.1m high due to lack of rain), the soil is dark brown and gravelly. People working in the field say that one can grow 2 crops of corn per year here in wet year, the second (potatoes) being planted in November. Command a good view of the valley, the Dominga, and is directly up slope from the isolated large mound/hill extension found directly east of Site 123.

The form & organization is difficult to reconstruct, as no ruins have been piled up from buildings to facilitate planting. Seem to have been at least 4 buildings placed/cut into with medium to small collar organized around a central patio. Part of the shield are for the area



of the different platforms, especially along the edge of the ascent from the Dominga. Artifact density decreases away from the edge though a considerable amount of material shows up in the trench leading up to the site.

and directly below it, low of the str. (str. 3 very particularly  
may be readily downhill. The surface collection is  
large with usable fragments, look into Charlie,

H7.  
ca. 0.7m. str. 1 sw. cor. 9m N-S x 7m E-W - 222°01' very Approximate  
" " to R.C. 1 (center) 182°01' 8m.  
str. 2 at cor. → R.C. 1 (center) 450°01' 12m.  
ca. 0.4m str. 2 6m x 6m - 121°01' (approx.)  
str. 2 NW. cor. → str. 3 N.E. cor. 254°01' 3m.

ca. 0.1m str. 3 4x4m. 114°01' (±)  
lead to red soil surface + str. visibility. Fine coop on surface of str.  
near lito 317

lito 320 - On the same terrace above the New Shandaguala  
in lito 123, ca. 10m SW of the lge. isolated mound/  
hill extension on the east side of lito 317, ca. 20m SW of the Shandaguala  
ca. 75m back from N. of the dip to the Shandaguala  
floodplain. Covered in low dense grass - several patches -  
good str., near artifact visibility. Dark brown soil  
not as gravelly as on the hill top. (Not near last  
night). Slope terrace is flat, sloping very gradually  
down to the S. towards the Shandaguala. A shallow  
depression, possibly a ~~graben~~ channel (dry river) leads  
ca. 75m to the east (ca. 1-2m deep) - possibly part of the  
recessed terrace noted east of lito 317.

Heavy plowing in the area. The field surrounding  
the terrace has scattered cobbles, while a pile ca. 1m  
high, 8m in diameter is situated in the field N. 1/2.  
If this pile results from repositioning rocks during  
planting, it has been here a while as grass is  
growing ~~among~~ the stones. There is also a ca. 1m x 1m x  
0.5m deep hole in the summit which looks like a  
hunter's pit. Is there a ~~stone~~ surveying st.?

The dense vegetation on it looks recent. A few  
stems on the surface of the pile & extending in light clarity

ca. 35-50m to the N. Island, look to be already  
Shanghaia: 9. 700m/100m - description to be collected.

The cut (hole) is overgrown but looks to reveal a fill of  
densely packed, horizontally set stone mixed with one of  
the brown red soil in the field.

The field is hummocky or steeply disturbed. The cobbles  
in the pile + the field are to medium to small size.

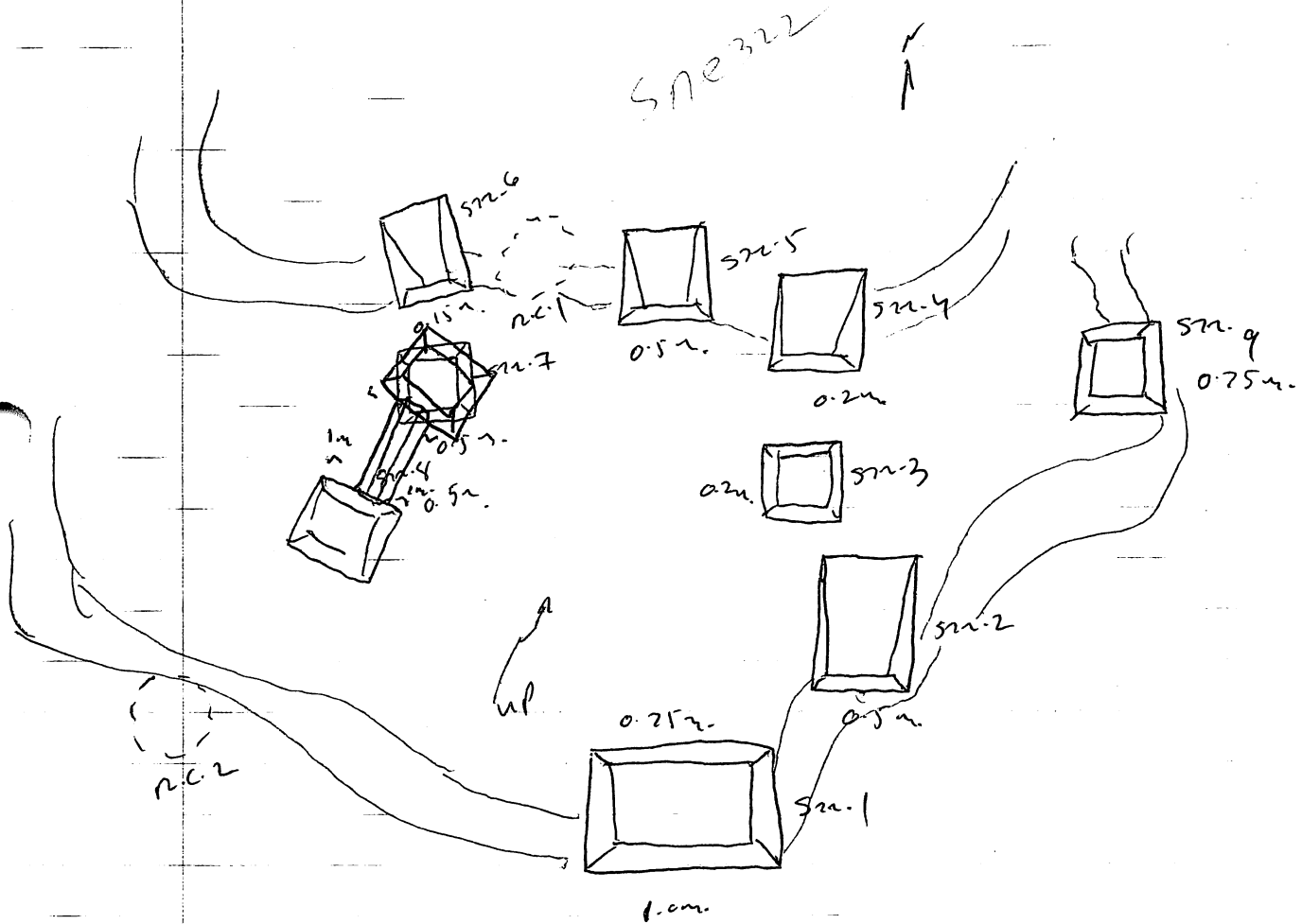
The "large" cobbles are concentrated near the edge of the  
ca. 7m diameter the the Shanghaia look to be a  
concentration of partially deposited stone in this area.

Site 321 - This is another low rise, ca. 1m high at the highest,  
downsize side situated ca. 100m east of the pile of rocks  
at Site 320, 175m N of the the Shanghaia, and 60m  
S. of the road running next to the field. A pile of  
cobbles, densely covered by plants, with atop the  
one - mostly medium - size cobbles. A few scattered  
cobbles are seen within 50m of the rise, medium to  
large size. The soil here is recently plowed, and  
looks to be fine textured, brown, and largely free  
of gravel. The crops here are up, yet young  
planted in green. A few artifacts collected from the  
general surface of the site + up to 50m of it. 321/01,  
The rise itself is covered in low, <sup>erect</sup> green,  
the field is largely bare earth - <sup>erect</sup> artifact +  
stone - variability. The descent to the Shanghaia  
here ca. 60m to the S.

The rise does not seem to be of recent origin +,  
in fact, looks like a small version of the low  
rise east of the - 10m rise, which to the Site 320 rise.  
It is 10m in diameter but has much lower  
rocks embedded in its surface than the Site  
320 rise. This rise has been plowed, but not  
heavily in the surrounding fields. The ground slopes



The overall dimensions of the concentration are, roughly,  
 — m B.-W. x — m N.-S. No clear concentration zone  
 for the single platform noted above.  
 Sloor is dark brown, fine-textured, little gravelly.



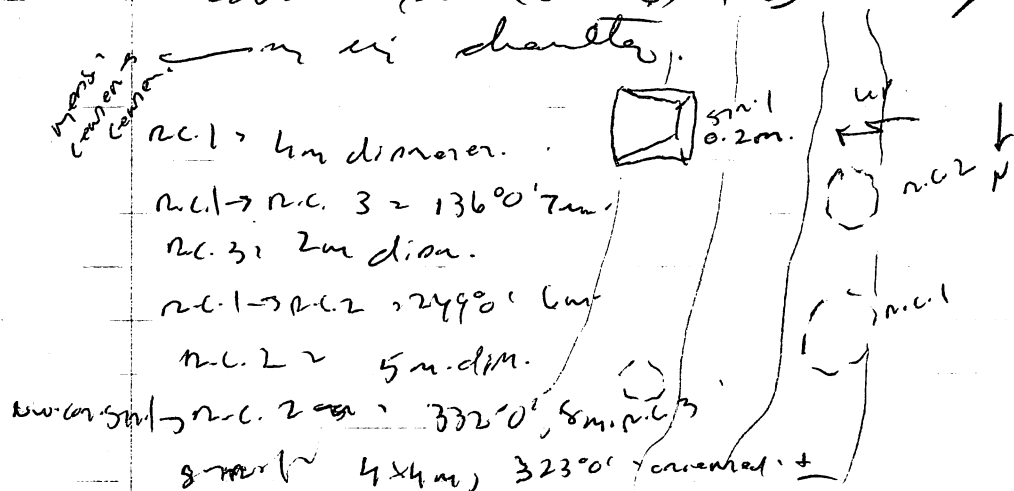
Sne 322 None ✓

Point	Angle	Distance
1/ CENTER RC 2	296°	22 m 39 cm 3 m diam.
2/ NW Structure 1	259° 30'	10 m 94 cm
3/ NE structure 1	213°	7 m 69 cm
4/ SE structure 1	211°	13 m 85 cm
5/ SW structure 2	181°	13 m 63 cm
6/ NW structure 2	158°	11 m 64 cm
7/ NE structure 2	152° 30'	15 m 45 cm
8/ SW cor. Str. 3	145° 30'	9.95 m
9/ SE " " "	139° 0'	13.90
10/ NW " " "	137° 0'	9.57
11/ SW cor. Str. 4	103° 0'	11.81
12/ SE " " "	114° 0'	15.28
13/ NE " " "	104° 30'	15.89
14/ SW " " 9	128° 0'	26.83
15/ SE " " "	128° 0'	31.02
16/ NW " " "	119° 0'	25.35
17/ Structure 5 SE	90°	12.9 m
18/ " 5" NE	82° 30'	15.74 m
19/ " 5" SW	74°	12.02 m
20/ center pt rc #1	40°	13.87 m 2 m. diameter
21/ Structure 6 SE	22°	11.59 m
22/ " 6 NE ±	20°	14.93 m
23/ " 6 SW	3°	11.46 m.
24/ Structure 7 SW	334°	5.37 m.
25/ Structure 7 NW	4° 30'	9.41 m.
26/ Structure 7 NE	25°	9.26 m.
27/ Structure 8 SE	316° 30'	6.68 m
28/ Structure 8 SW	306°	11.99 m
29/ Structure 8 NE	339° 30'	9.78 m
30/		



Site 323 - Immediately east / Site 322 - a gradual but clear N.-S. running depression - ca. 3m deep. Site 322 sits on elevated terrain on the depression west side on what appears to be a finger / relatively high land projecting S. of the N. hill. Site 323 is in an analogous topographic position on the east side of the depression beginning on the upward slope west side & proceeding into the summit. It is a scatter of siltstone concentrations dispersed over the site is dark brown, fine textured, relatively gravel-free soil. People working the field report that two range crops can be obtained here per year - including a pasture planted in November. The desert floor land rises gradually to the east & north. In with Sites 320-322 + 123 & Site 323 is on the terrace overlooking the Rio Chanchayuela. The desert to the ~~west~~ ~~is~~ ~~is~~

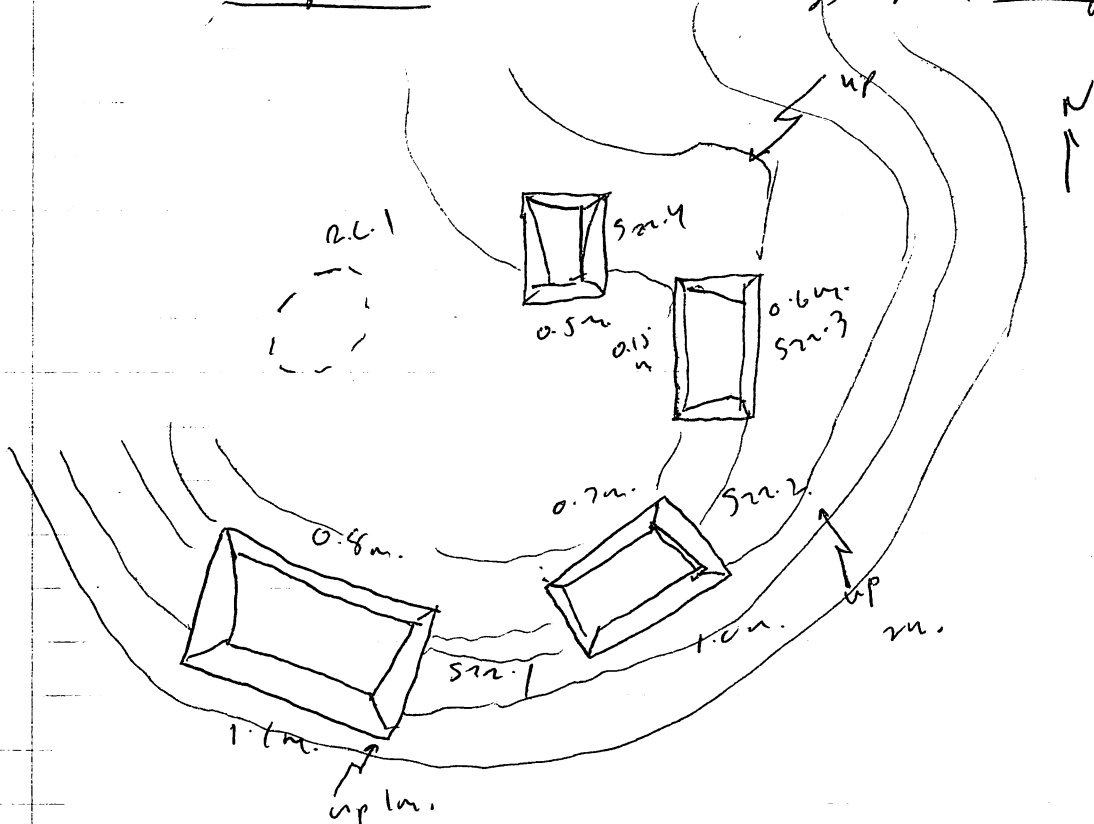
Site 323 - Group I located ~~about~~ about 1/2 way up the slope for the depression, east side of the slope, ca 120m east of Site 322, 65m N. of the descent to the Chanchayuela, 50m S. of the road & hill. The ground slopes gradually down to the S. & slightly more perceptibly to the west. Heavily plowed for corn, the site now consists of a rubble floor (clay) & light outcrop with ea. in character.



Lote 323 - Group II - however more dispersed rubble (reding-  
 light) + light surface scatters ca. 70m east + on top of  
 the rise (up slope) per Group I. Unmerged is a fairly linear  
 further parallelly the east edge of the rise before it  
 slopes down to another, similar depression ca. the  
 east. local soil type, also planted in corn. 34  
 scatter cover roughly 47 m N-S. x 10 m east-  
 west. though here much as four str. + low  
 much-naturally deposited rubble is hard to  
 determine.

Both Group I + II - reding - small rubble +  
 rise to ~~rise~~; 1 small cut black noted on the  
 surface of Group I & R.C.I. Both have been recently  
 plowed - good artifact + str. visibility. Both - planted  
 in corn - ca. 0.1m high row, where rubble at all.

Group III - ca. 77m S. + down slope per Group II.



Point	$\theta$	Distance
1/ SW cor. Str. #1	263° 0'	13.40 m
2/ NW " " "	283° 0'	6.54
3/ NE " " "	207° 0'	4.94
4/ W " " 2	203° 0'	11.83
5/ S " " 2	204° 0'	18.53
6/ E " " 2	356° 30'	11.23 m
7/ SW Structure 3	340°	12.10 m
8/ SE Structure 3	338° 30'	17.43 m
9/ NW Structure 3 ±	309°	12.09 m
10/ SE Structure 4	298°	12.24 m.
11/ NE Structure 4	281°	15.28 m.
12/ SW Structure 4	290° 30'	7.32 m.
13/ RC. 5 m. diameter	64° 30'	3.22 m.
14/		

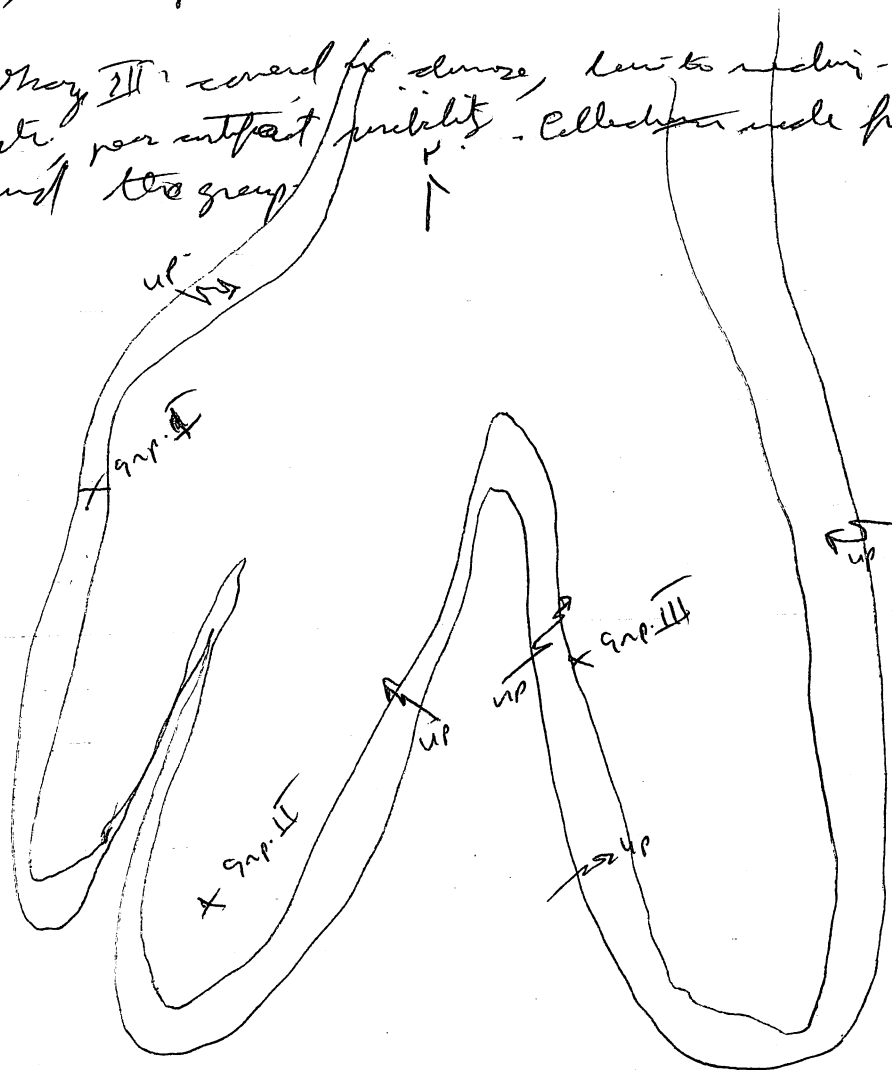
Group III - a small remnant of lot 322 central group. 4 str. + 1 ash concentration defining a path on the edge of a descent to the S. + E. Since the descent is fairly steep - ca. 2 m on the S, ca. 0.75 m on the east decreasing in height back to the N. toward the hill where the land is rising. The Shanabazuela descent is ca. 45 m to the S, the road + hill is 80 m to the N. Modern house are located within 100 m to the west/sw. The field all around the group is plowed + cleared, planted in maize and it appears that some plowing has occurred in the path of the cluster as well. Disturbance is less intense here than beyond the str. limits however. One field on Group I + II + lot 322 <sup>some</sup> terrace above the Rio Shanabazuela.

This one field with medium to small cobbles. It is possible that the ascent on the S. may terminate in this area, just # of cobbles eroding out of the hill face here. Could also just be rubble. Note that both

Group II + site 322'2 group seem to be open to the east, no clear construction but blocking only to the north or their flank. In both cases as well the 1st. str. in the SW. corner of the group adjacent to the "opening."

The area in which site 323, located, really, is directed by low, gradual depression running N-S, & from beginning in the N. hills, becoming broader & somewhat deeper in the Shandylwela as approached. Group II, stop as we would there into, Group II, at the S. end or one of these arcs.

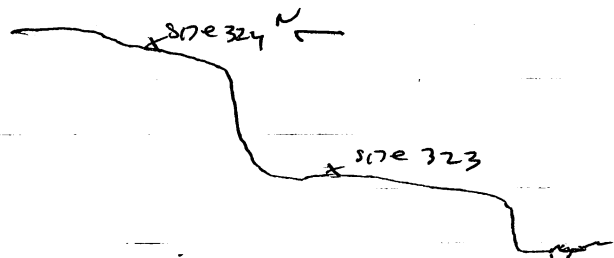
Group III, covered by dense, low to medium - high scrub - o.k. str. for contact visibility. Collection made for plowed area around the group.



Lot 323 A/01 - several samples of plowed field around /  
immediately adjoining Chap. III.

323A/02 General planned surface of Group II.

Site 324 - located on the flat summit of the 1st  
hills rising above the Shanchayuela terrace where  
sites 123, 320-323 are located ca 350m N. of the Rio  
Shanchayuela + 11m above the terrace 150m NW of  
Site 323 and 150-180m NW. of Site 322. In fallow (ca. 1m deep)  
dry (now) quebrada runs N. E. out of the hills ca  
25m NW. of the site. The land has been plowed  
apparently for corn planting (dry slither visible in  
the field), now covered mostly with low, dense grass  
rare clumps of earth. Thick str. pear to soap  
artifact visible. The land slopes down gradually  
to the S. before dropping a steep 11m to the Shanchayuela  
upper terrace.



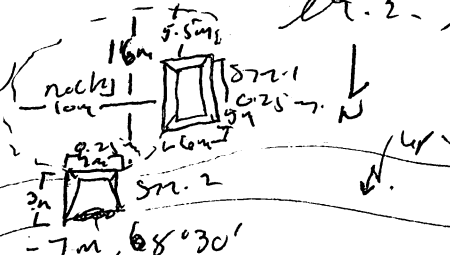
The site consists of one or two large  
vertical platform ca. 0.25 m high at the west end of the  
area while to the east extends a rubble (heavy)  
scatter with a diameter from ——— m. Medium and  
small rubble are found in ± equal #r. The  
single platform (lt. 1) has also been placed at least  
around the edge. lt. 2 - built into pits.

1. - faced my wall (not by  
+ media cell for

Sta. 2 - 141° 0' 48.3 m.

$$\sin^2 - \cos^2 \rightarrow \sin 2\theta$$

57R 12 32000' 6x5m



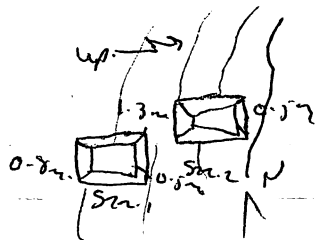
a few eroded anthropic mounds. Some topsoil patches on site 318.  
Soil up here is fine dark brown, and rocky (but still not alot of gravel) than that mtd on the lower. The amount of <sup>gravel</sup> ~~gravel~~ varies - more near, plowed - very little down-up. Rocky, generally, but like good, rich soil.

She drove Group I. Group II is completely flattened  
plowed hard + ~~into~~ ~~old~~ cobbles concentrated (found  
some) ca. 70 m west of Group I - rare topographic +  
vegetation intricacies on Group I. The concentrations  
measured roughly 13 m in diameter. have dark feed  
between the 2 groups. I / anything - the artifacts  
are more frequently found on Group II than I. The  
stratigraphic depth - (ca. 2.5 m) - dry (now) quebrada  
cuts across the lower ca. 15 m west of the group but  
and my feed into the depression separately Group I  
sites 322 + 323.

Note that immediately east of Site 324, the soil changes from a relatively fine, dark brown, largely steel-free earth to a tan and then, further east, reddish-brown, gravelly soil ~~at least~~ - (on the upper, hilly, terrace). It appears that ~~most~~ of the sites N. of the Rio Marchaguala are concentrated on hilly ~~terrace~~ & the Marchaguala terrace where the dark brown soil is found - dipping off in clumps to the east on the rocks, lighter colored soil. In one area at least the soil ~~is~~ <sup>is</sup> the latter near or around, more common here. Note also that the Marchaguala terrace pinches out at the anchoda ghentianita - the, hilly country close to the Marchaguala floodplain for that point eastward. The hilly terrace, where the road now runs, supports a few chionanthum over <sup>1</sup>/<sub>2</sub> flat land here. Good rock. Cultivated in maize <sup>maize</sup>.

Site 325, Outer, is running n/c. o/c. of water body (round last night, not much rain before, however).

Site 325 - Located ca. 170m N of Site 324, further up into the N. hill on an extension of lower flat terrace extending N. into the hill. Site 322 is roughly 195m to the S. down while the 11m high steep escarpment leading down to the Marchiguala terrace is roughly 100m to the S. fairly deep (ca. 2.5m) dry (now) quebrada runs ca. 45m to the east. In general, the terrace into N. is small valley ca. 75m across E-W. with the land sloping down toward the quebrada which apparently sits this rift. about 1/2 the quebrada, away the east margin of the "valley" - the land slopes down not gradually as the N. side, more abruptly on the E. Cereals are medium high, dense green of old corn, wheat, etc. etc. as ok. without variety. The area surrounding the site plowed and there are areas of exposed earth. Site 2 str. seen not to have been plowed, the surrounding area has been. The 11m high with medium (not / + small cobbles + rare & stones. 3m # of stench in general area of the str. + down slope to the S. where the valley turns toward the steep cliff toward the Marchiguala terrace, but is dark brown, fine, not very gravelly. Both platforms built into the eastward side. A few scattered cobbles around the site str. suggests that there may have been other boulders here but no clear sign of clay, even rock concentrations, remains.



3250/1 General surface - Site 325 and ca. 50m down slope to the S.

Site 325 (cont.)

Part	$\phi$	Distance
1/ W cor. Str. #1	298° 30'	4.02 m
2/ N " " "	356° 0'	3.42
3/ E " " "	131° 0'	3.30
4/ SW " " 2	125° 30'	14.64
5/ SE " " "	115° 0'	18.43
6/ NE " " "	94° 0'	17.08

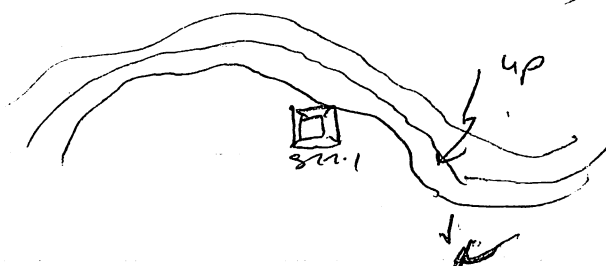
Site 326 - A small site on the crest of the  
 micaceous the Shavachyula terrace, ca 120m N of  
 site 323, + 1100m above that terrace, and 180m east of  
 site 324 in the same topographic position as the latter.

The Rio Shavachyula is ca 350m to the S; the  
 Quebrada Montanita - ca. 250m to the east.

Contrary to what I anticipated, the soil here still  
 looks dark brown, fine textured, and relatively free  
 of stones. The site is covered in low to medium grass  
 while all around it the field of bullock is planted  
 with - sticks planted in corn. O.K. to pour it,  
 and per artifact visibility. 326

326 A/c1 - general surface of the site;

326 A/c2 - "viewed" from the plowed field ca 50m  
 west of the site is a low depression between sites 325 + 326,  
 probably material worked down for use as a  
 further ridge - me, but not all, possibly from  
 site 326. In general, stand. forest slightly accreted  
 throughout the plowed fields on the bullock terrace.  
 The ridge str. - ca. c. 25m high, faced with  
 medium and small cobbles, recesses: 7x4m, 20° 30' N



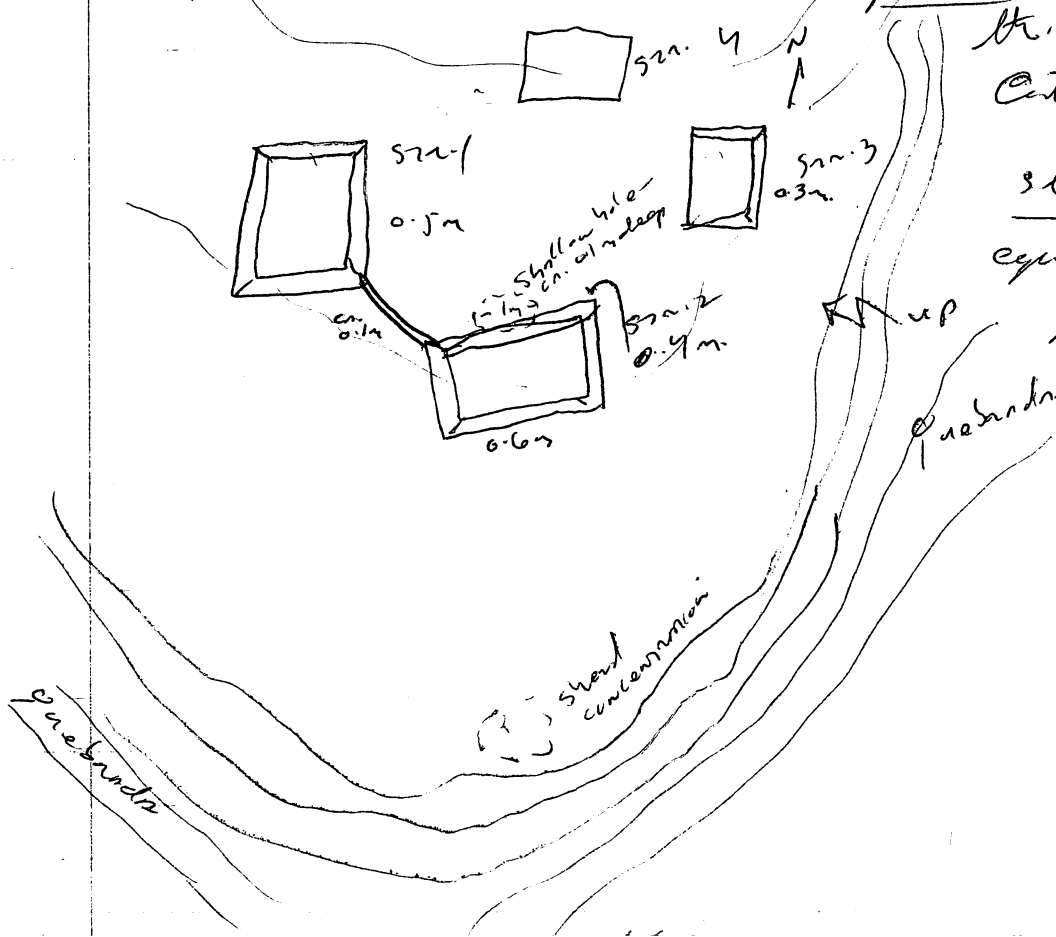
orientation. Some small  
 medium & stone used in  
 construction as well.



Site 327. Ca. 160m east of Site 324 in the same topographic position - on the high terrace in the foot crest of the N. hill - ca. 65m N. of the edge of the descent to the Shavabegade lower right 11m below. (Site 323 is ca. 200m to the S. on the lower terrace). Covered in low, dense grass with a few # of yucca near of earth, plowed, planted in corn, old corn stalks still standing. The land slopes down gradually to the S. E. + W. <sup>the (W) + 10m deep</sup> last 200m beyond where ca. 3m deep <sup>shallow (new) still little</sup> gulches run out towards the lower terrace. <sup>ca. 10m deep</sup> Much soil & few other artifacts are scattered widely throughout the field with no clear concentrations. See however, a concentration of small (mostly) of medium sized cobbles + & stones in the field in the point ~~down~~ position described above which seem to be the plowed remnants of a group. No clear str. remnants - the concentration measures ca. 13m in diameter. Soil still still the brown fairly fine, not very gravelly soil. Note, however, that there are patches of gravelly + sandy soil, especially on the higher parts of land. There outcroppings of stone also seen in this area. Cattle now running in the field - looks like it is prepared for plenty.

Site 328 - is 4 str. (mainly) site located ca. 175m east of the Guachaca Montemur on relatively flat lower sloping down to the S. toward the Shavabegade floodplain (ca. ca. 15m deep) and east toward a ca. 10m deep dry (body), guachaca. Covered in low to medium - high dense scrub grass with few yucca near of exposed earth. Much str. poor artifact visibility. Over all look plowed or planted - used as cattle pasture.

Disturbance to the lower room minimal. The road is  
 ca. 65m to the NW. where the hills start to  
 rise steeply. Note that east of the quebrada  
 Montañita the lower Shanchaguala terrace gives  
 out and is replaced by the low-lying Shanchaguala  
 floodplain. Also the upper hilltop terrace gives out  
 at about that point as well + is replaced by  
 steep slopes. Along the corner between the Quebr.  
 Montañita + Omitera (?) (still sandy H2O), there is  
 one little area of flat terrace in a topographic  
 position intermediate between the upper hilltop +  
 lower Shanchaguala terrace. The area is heavily  
 dissected by quebradas so the area of flat terrace is  
 relatively limited. Note also the fractured  
 rock along the red clay section road seem to  
 occur at the Quebr. Montañita east - red clay  
 west - darker brown. The entire quebrada ca. 5m east of  
 H. 3.



Cattle pasture?

The 2 quebradas, ±  
 equally steep,  
 give at the top of  
 level where the  
 shed concentration  
 is located

Point	$\angle$	Distance
1/ Structure 1 NW Corner	351°	13.80 m.
2/ " NE Corner	7°30'	8.88 m
3/ " SE Corner	322°	6.29
4/ Structure 4 SW Corner	16°	12m 45cm.
5/ " NW Co	20°	14m 55cm
6/ " NE Co	32°	14m 15cm
7/ Structure 3 NE Co	60°	7m 47cm
8/ 3 SW Co	70°	4m 7cm
9/ 3 SE Co	105°	6m 48cm
10/ Structure 2 SE Co	182°30'	4m 8cm
11/ SW Co	273°	4m 40cm
12/ 2 NW Co	322°30'	3m 84cm
13/ gneiss ①	225°30'	15m 97cm
14/ gneiss ②	233°30'	26m 80cm
15/ <del>shear</del> shear concentration	233°	33 m 3m diameter.

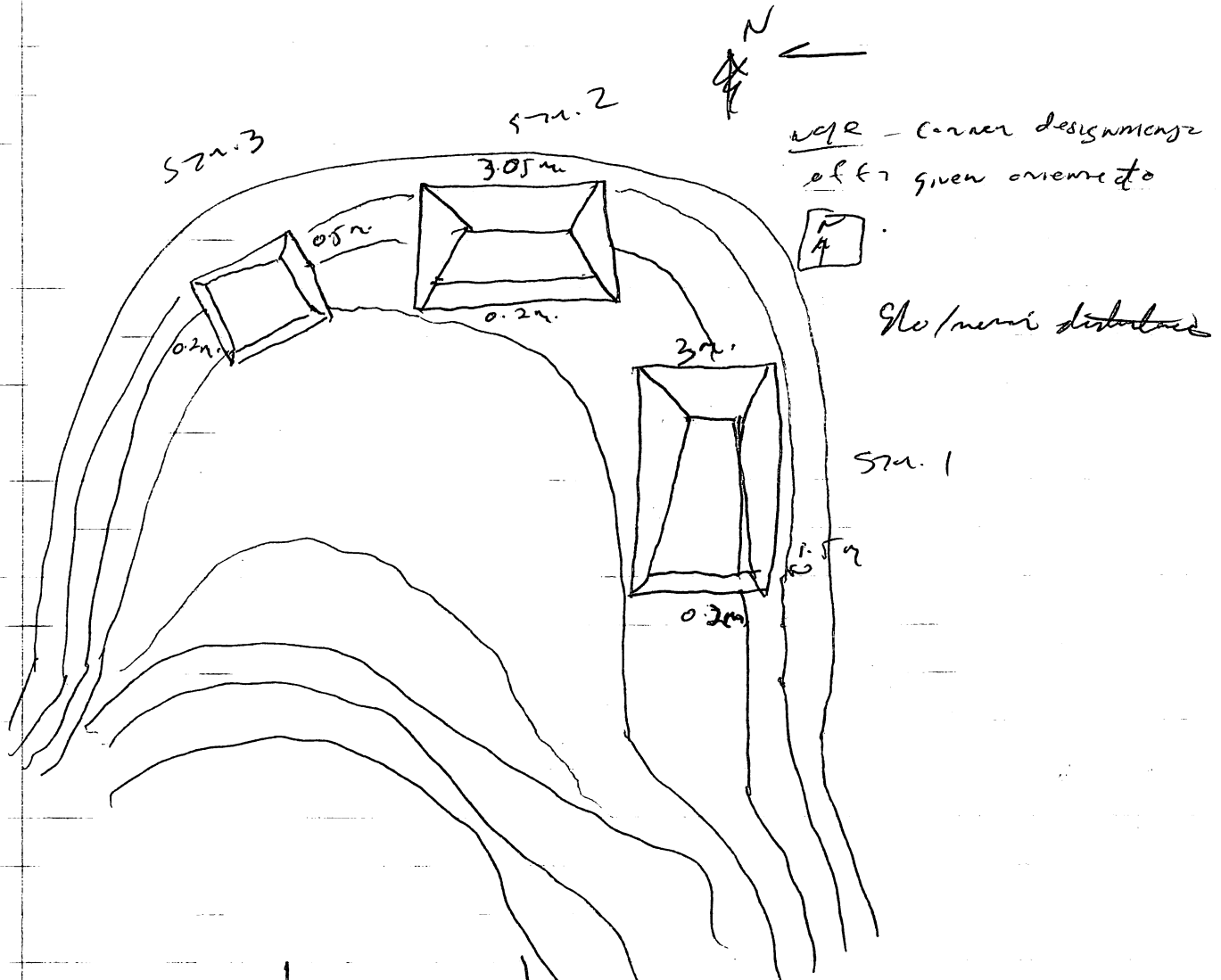
~~here~~ scattered stone noted ca. 30m SW of the str. -  
 scattered, no artifacts noted here. Could be or have been  
 an additional low str. (r.) here. Heavily dissected  
 terrain in this area. Str. 2 filled (entirely) w/ medium-  
 sized cobbles and a few 4 stones. Soil is reddish-brown,  
 not as red as the earth around, very porous but  
 redder looking than the soil west of the Gullhead  
 - the Shantamita; however, rock is well

6/20/91

Site 329 - located on a narrow terrace extending  
ca. 20m N-S x 35m E-W. here the high bluff  
supporting Ciprésia. The land rises abruptly ca.  
20m on the S. + drops ca. 8m on the N. to the  
floodplain of the Marchiguala which, itself, is  
ca. 25m to the N. The ~~low~~ land here is  
fairly flat covered with low, dense growth.  
Area planted in corn (brown stalks still standing)  
while planting is going on now in the adjacent field  
(clearing) (ca. 30m to the W). The soil on the slope  
is rocky near the floodplain; however, the soil-  
local informant reports that 2 crops of corn  
can be planted here per year (perhaps November)  
if there is enough rain. Soil eroding the  
slope. Reported to be good soil. Road etc. OK. to  
see subject visible. Marginal (Site 120) ca.  
200m to the east is an irregular topographic  
feature (but on a larger terrace). The Marchiguala  
is cutting against the north bank here - the valley  
narrow - ca. 80-100 m across N-S. Pineapple  
is being grown on the slopes above + west of Site 329.  
Three str., the largest, str. 1 on the east is built  
into the river. str. 2, on the N, is not above the  
terrace so it looks higher on the N. str. 3,  
on the W, is the lowest but seems to be  
built into hillside. Steel <sup>station</sup> ~~table~~ is filling the  
center of the group. A few A of reach. Could  
be reluctant building under this material.  
An electric pole, right next to the site on the N.  
See sketch.

size 329.

the one faced with medium rubber tree & stone.



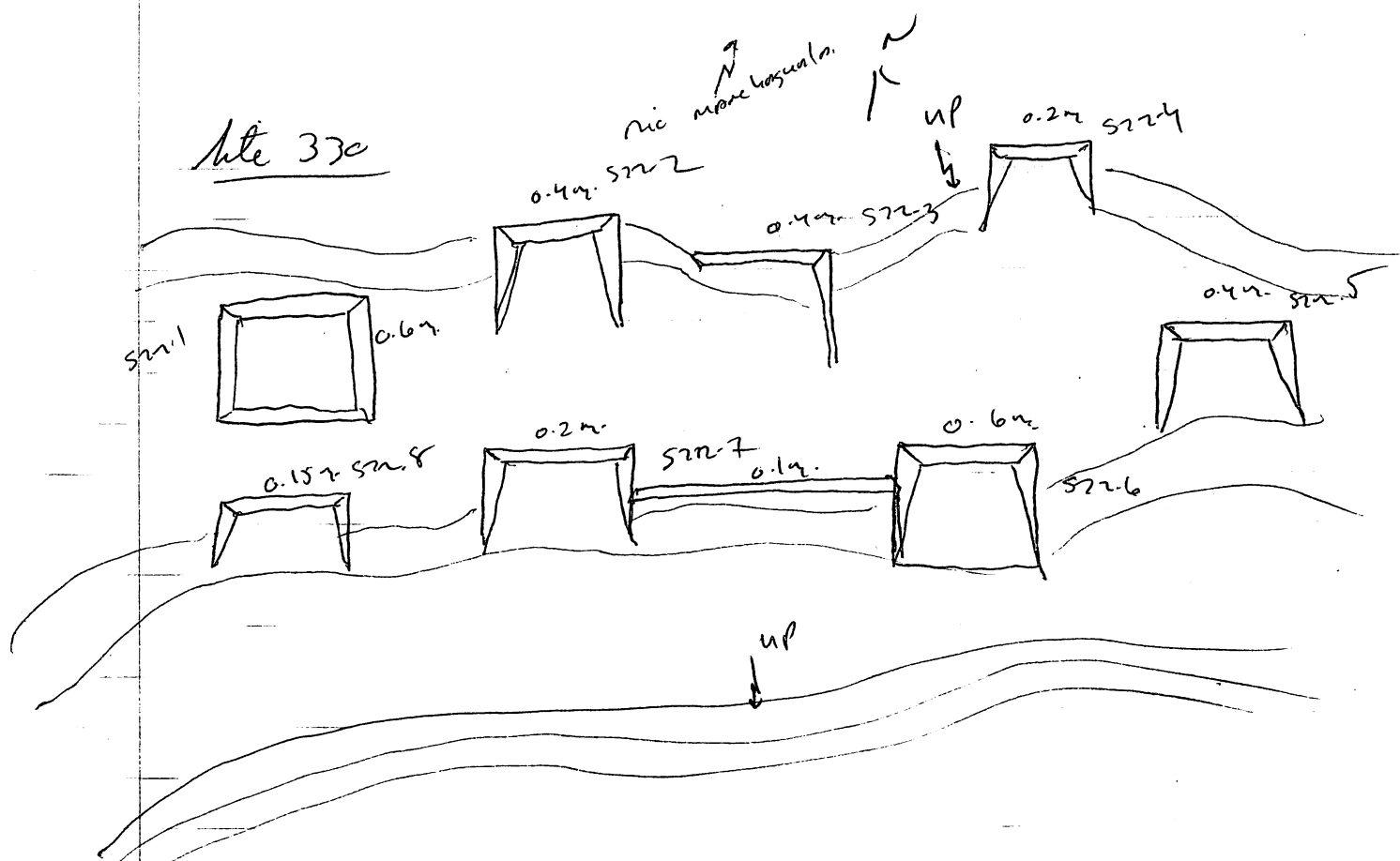
POINT.	4.	DISTANCE
1/ SW CORN. STR.1	249°	13.88 m
2/ NW CORN. STR.1	185°	6.36 m.
3/ NE CORN. STR.1	180° 30'	15.21 m.
4/ NE CORN STR.2	305° L 125° 7'	6.75 m.
5/ NW CORN STR.2	54°	8.88 m.
6/ SW CORN. STR.2	339°	5.97 m.
7/ NW CORN STR.3	357° 30'	14.75 m
8/ NE CORN STR.3	358° 30'	10.34 m
9/ SE CORN STR.3	331°	11.11 m.

Point		$\angle$	distance
19/NE CORN. Structure	7	248°30'	7.94
20/NW " "	7	261°30'	10.20
21/SW " approx.	7	250°0'	12.45
22/SE CORN. Structure	8	252°0'	18.86
23/NE " "	8	257°30'	16.27
24/NW " "	8	266°0'	18.20
Site 330			

The vegetation is currently low scrub grass, but it had been planted with corn in the past. Field is unplowed, so fairly good preservation. Structure visibility is good. Ground visibility is ok. some areas of open ground. The Matshagnala is 50m to the north. descent to the RIVER is steep and 25m below. This site is 150m to the North West of the site 329. The site is nestled at the beginning of the Naco Valley. The site lies on a terrace that is ~~flat~~ relatively flat. The terrace is 70m E to West and 40m North to South. land slopes up dramatically 40-45 meters in two steps to the plateau on which Opeadia sits.

8 buildings built in the N. to South rise, so they are built on terraces. Structures are built with both River cobbles and angular stones of medium to large size. lots of rocks scattered presumably from mountain.  
a few artifacts recovered 330/1

Structures are set up facing the RIVER in parallel lines.



Point				Angle	Distance
1	SE cor.	str. #1		278° 0'	13.34 meters
2	NE	"	"	307° 0'	11.87
3	NW	"	"	304° 0'	17.12
4	SW	"	2	317° 0'	10.70
5	NW	"	"	338° 30'	13.74
6	NE	"	"	347° 0'	11.40
7	Str. 3 junctions	Str. 2		338° 0'	8.46
8	NE cor.	str. #3		18° 0'	7.82
9	SE	"	"	5° 0'	3.13
10	NE	"	4	37° 0'	11.82
11	SE	"	"	40° 0'	8.85
12	NE	"	"	52° 0'	13.25
13	NE	"	5	112° 0'	13.18
14	NW	"	"	110° 0'	8.27
15	SE	"	"	142° 0'	14.24
16	SE	"	6	183° 0'	9.65
17	NE	"	6	154° 0'	5.14
18	NW	"	6	215° 0'	2.42

Gate that between Guaymas + hte 328 - ca.  
150m west of Guaymas - people mining earth for  
adobe adobe blocks - right against the base of the  
mte to Capadocia. A dark brown - black color (covered  
last night?). Yellow pits, ca. 0.3m deep / but  
extensive, clay right down for ground surface.  
Quite an extensive quarry - covering ca. 800m N.-W.  
but not extending far N. - the river.

hte 330 - soil - gravelly, brown, fine (covered  
last night.)

hte 331 - 2 groups of adobe - fused platform situated  
on the summit of a flat terrace intermediate between  
the terrace fragments supporting htes 120, 325, and 330  
and the land supporting Capadocia. Ca. 160m N. +  
200m up a steep ascent from Guaymas (hte 120)  
and 150m S. / S.W. and up from hte 327. The  
Rio Marchiguala lies right 200m to the E.  
down the 200m descent to the floodplain; while a  
ca. 3.5m deep gulch <sup>(dry now)</sup> runs W. of the site  
against the ca. 15m <sup>steep</sup> ascent to the Capadocia plateau  
terrace. Covering the gulch runs S.-N., apparently  
essentially level; the terrace + joining the  
Rio Marchiguala. Covered in low scrub growth  
rare old corn stalks. Grays I - covered in thin  
gray stv, O.K. artificial rubble. Grays II  
border remains disturbed & being prepared  
for planting pineapples, lots of mass of cleared  
ground - excellent artificial + st. rubble. Not  
evidently plowed. Still, the stv has been  
published. Even the left Grays I + II, rather,  
filled on incl. + off. incl. summit. Low  
disturbance everywhere, fine textured, brown,  
(covered last night) ~~scattered~~ not very rich soil - repeated



Site 331

Done

Group 1		4	Distance
POINT			
1. Structure 1 SE CORNER	✓ 331°		21.46 m.
2. " NE CORNER	✓ 339° 30'		25.05 m.
3. " NW CORNER	✓ 333°		25.95 m.
4. Structure 2 NW CORNER	✓ 333° 30'		17.61 m
5. " NE CORNER	✓ 345° 30'		17.53 m.
6. " SW CORNER	✓ 332° 30'		14.06 m.
7. Structure 3 SW CORNER	✓ 89°		9.69 m.
8. " NW CORNER	✓ 61° 30'		9.16 m.
9. " NE CORNER	✓ 66°		14.03 m.
10. Structure 4 SW CORNER	✓ 297°		11.17 m.
11. " NW CORNER	✓ 277°		10.19 m.
12. " SE CORNER	✓ 289°		16.65 m.
13. Structure 5 NE "	✓ 123° 30'		15.96
14. " " SE "	✓ 129° 0'		20.33
15. " " SW "	✓ 152° 0'		20.50
16. Structure 6 N "	✓ 200° 0'		4.24
17. " " E "	✓ 166° 0'		6.22
18. " " S "	✓ 179° 0'		10.60
19. Turning point 1	✓ 165° 0'		30.30
20. Station 2 to TP 1	✓ 355° 0'		30.20
21. Station 2 to Station 3	✓ 151° 0'		26.70
22. Str. 7 NE Corner	✓ 64° 0'		5.10
23. " NW "	✓ 342° 0'		4.40
24. " SW approx.	✓ 247° 0'		3.32
25. Jctn. faced contour str. 7	✓ 275° 0'		2.50
26. Jctn. faced contour w/ str. 8	✓ 262° 0'		5.80
27. SE cor. Str. 8	✓ 256° 0'		6.10
28. NE " "	✓ 304° 0'		8.41
29. NW " "	✓ 289° 30'		13.24
30. Jctn. Str. 8 & Projection W. side	✓ 267° 0'		13.03
31. SW cor. Projection	✓ 244° 0'		16.12
32. SE " "	✓ 228° 0'		12.15
33. NW corner Structure 9	✓ 241°		19.32 m

sep II

Done

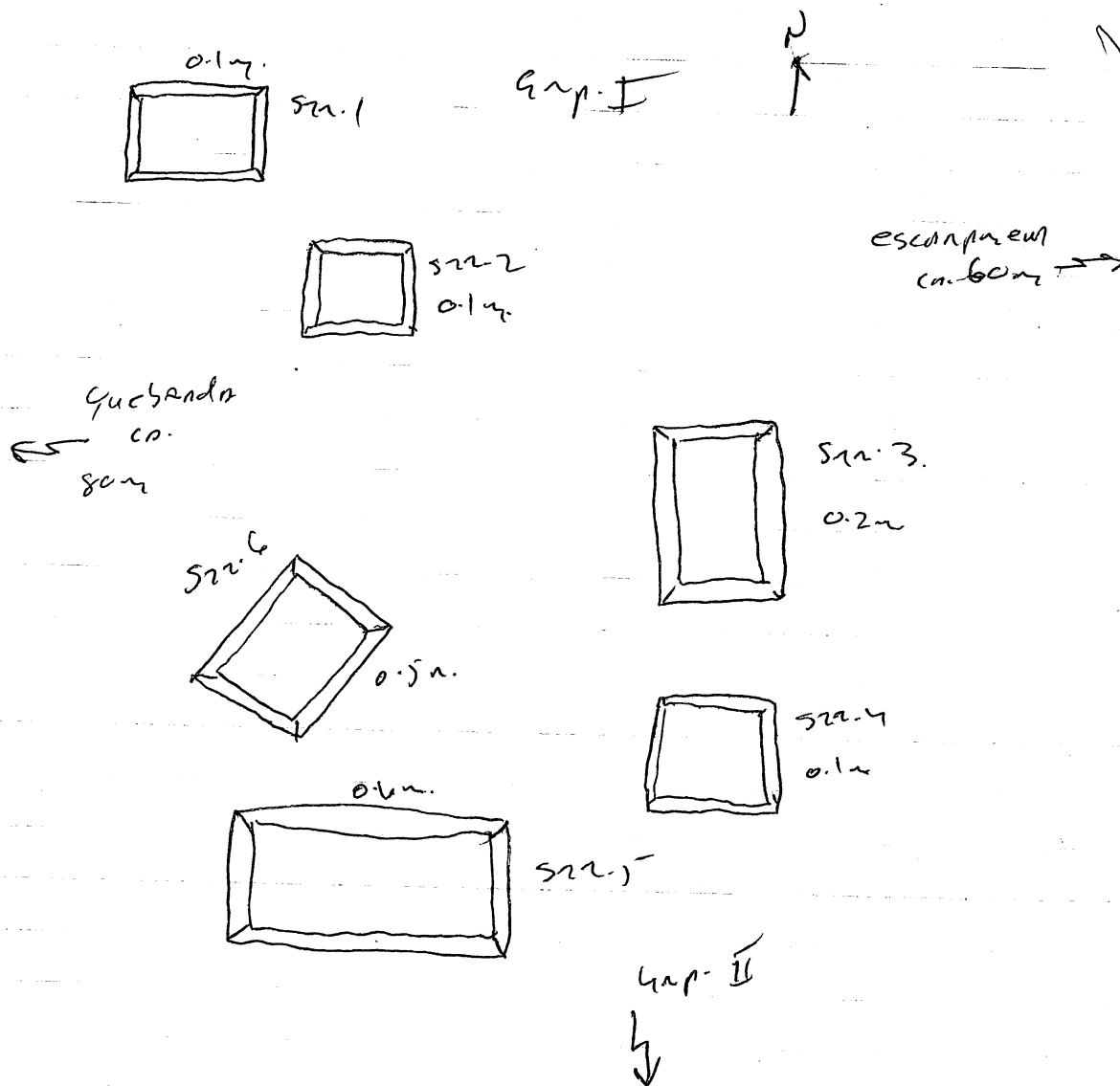
Group II			
Point	Angle	Distance	
34, NE CORNER 9	10 $\checkmark 242^{\circ} 30'$	16.02 m.	
35, SE CORNER 9	" $\checkmark 223^{\circ}$	19.95 m.	
36, NW CORNER 10	1 $\checkmark 225^{\circ}$	25.47 m.	
37, SW CORNER 10	2 $\checkmark 222^{\circ} 30'$	28.35 m.	
38, SE CORNER 10	3 $\checkmark 210^{\circ}$	26.09 m.	
39, Structure 11 NW	4 $\checkmark 209^{\circ}$	19.63 m.	
40, NE CORNER 11	5 $\checkmark 188^{\circ}$	17.45 m.	
41, SE CORNER 11	6 $\checkmark 186^{\circ}$	24.07 m.	
42, NW CORNER 12 Projection	7 $\checkmark 183^{\circ}$	15.35 m.	
43, SW CORNER Projection	8 $\checkmark 182^{\circ}$	21 m.	
44, Junction/projection/structure 12 D	9 $\checkmark 164^{\circ}$	16.97 m.	
45, Structure 12 SE CORNER	10 $\checkmark 155^{\circ}$	23.65 m.	
46, NW CORNER Structure 12	11 $\checkmark 151^{\circ}$	12.23 m.	
47, NE CORNER Structure 12	12 $\checkmark 136^{\circ}$	16.01 m.	
48, SE CORNER Structure 13	13 $\checkmark 120^{\circ}$	15.36 m.	
49, NE CORNER "	14 $\checkmark 102^{\circ}$	14.22 m.	
50, NW CORNER "	15 $\checkmark 102^{\circ}$	9.77 m.	
51, Rock Concentration #1	" $\checkmark 62^{\circ}$	26.05 m. 3m diameter.	
52, RC #2	17 $\checkmark 11^{\circ}$	23.28 m. 4m. diameter.	

331A/01 - General surface, Group I

331A/02 - General surface, Group II.

Note: Group II, being designed with potential barrier with terminal plate upper construction partly done to shade.

to be good for cultivation - 2 crops of corn (including  
a pasture) per year plantable here religious rainfall.  
Cooperative level - road are on current Guaymas -  
road under the field recognize us. Techn  
like all of the like 327 - covered by more Cap.



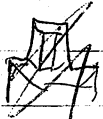
Group II

Site 331

Found my collar (red in north) +  
see & show input 1.2m.

II.

Escapement  
for 0.5m



que sanda  
escapement  
en 4m.

sn 9.  
0.1m

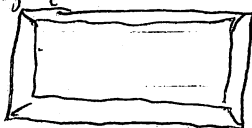


0.35m

sn 10  
0.3m

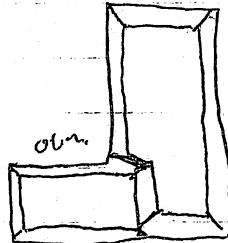


0.5m



sn 11

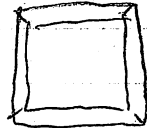
1.0m



0.6m

0.75m

sn 12

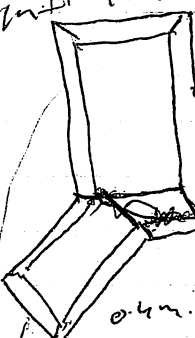
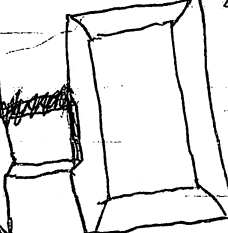


sn

13

0.25m

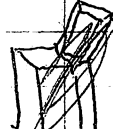
sn 7  
1.2m



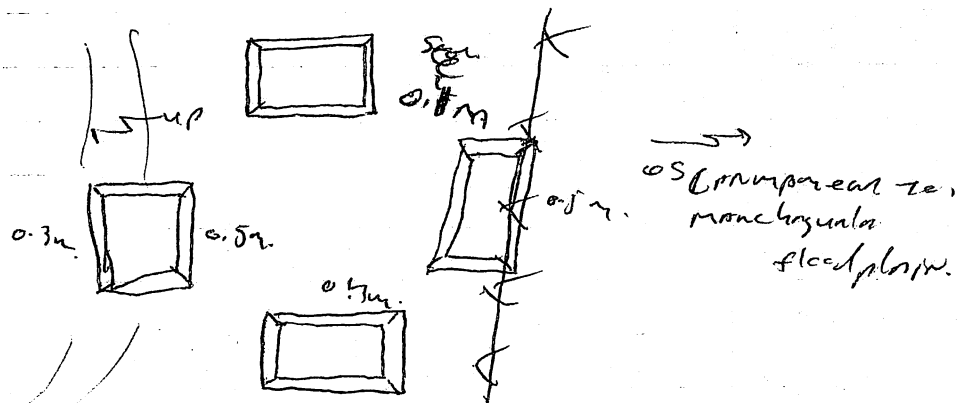
0.4m



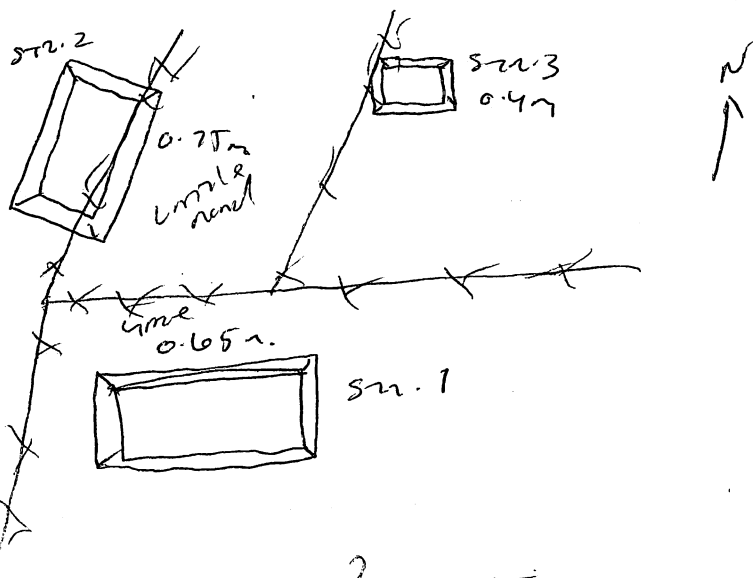
up.



Site 332 - located ca. 175m east/180° of Site 331  
 on the same terrace intermediate ~~between~~ between the  
 Mayaguez + Cofrechaí terraces. Site 332 lies right at  
 the base of the ca. 11m steep ascent to the Cofrechaí  
 terrace, the slope toward the Marchiguala river  
 85m to the NE. During the topographic profile, it  
 is likely that portions of Site 332 are buried by  
 alluvium coming off the adjacent river. Covered in low  
 dense grass and recently cut high stone wall.  
 Road cut. poor artifact visibility. The terrace  
 is fairly flat S.E. Rio Marchiguala lies  
 ca. 350m to the N/NE. It is considerably # of all stones,  
 rare cobbles, eroding off the adjacent hill. The  
 soil is a fairly fairly dark brown, fine, fairly  
 rich free soil, like that noted at Site 331. Not  
 disturbed in any recent way. The field immediately  
 to the N. is plowed, immediately east, dense grass like  
 Site 331. N. field planted in corn not too long ago  
 that plant points in #43's (Hansen's) notes.  
 Gravel with small (mostly) cobbles & stones. Gravel  
 to 10.5m, range 0.1-0.5m.



Site 334 - located on the high flat land which  
 supports Copachai, ca. 200 m east of the mountain,  
 ca. 250 m west of the Quebrada ligera (western branch)  
 and roughly 200 m west of Site 335. Covered by low,  
 dense grass, o.k. etc. poor artifact visibility. Located at the  
 junction of 2 fields + a cattle road or a kind of  
 beapolder drainage. Cattle / animal pasture. Fenced  
 with medium-size rebar and 4 strands, not much  
 disturbed. No artifacts seen. Buried a petio. Stand to  
 see the soil here.

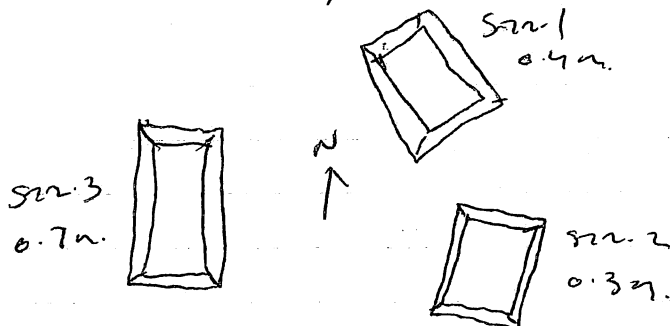


NOTE, Site 333<sup>2</sup> is situated ca. 150 m N of the quebrada  
 (ca. 200 m deep but dry (now) which runs out to the  
 farm buildings / bordering. May extend on the east.  
 Up to the east the quebrada running west of Site 332.  
 runs N-S. deep for ca. 3.5 m or the N of the  
 into to ca. 12 m or the S. ca. 100 m SW of the base.

Site road atop the Copachai terrace, redish-brown  
 redish - not like the sand on - lower terrace  
Site 333<sup>2</sup> - located to be on the terrace above or just  
 east of Mayanot (Site 420).

Site 335, by the same reg. + topographic center  
 as Site 334 ca. 160 m W of Site 334, at 275 m  
 N/W of the Quebrada ligera. Three str. and of

central portion. The bulk ca 120-150m to the N./NW.  
 Mostly the platform are paved with & stones, small - medium  
 size.

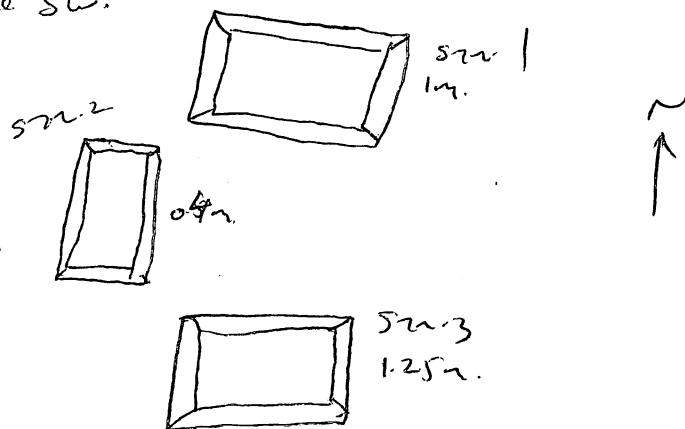


Site 336 - low topographic + veg. situation in Site 334  
and 335, ca. 85m N. of the Quebrada Agria + 225m  
 S. of the bulk, little pasture. Ground has been  
 broken + less gravelly than that noted near  
 Copachin. May be the same for Sites 336 + 338 where  
 it was not so much. Single platform paved  
 w/ medium (mostly) small river cobbles + stones  
 (about equal amounts of both), ca 0.25m high,  
 measure: 4x4m, well-preserved. Good view  
 distance. Field in the area of Sites 334/336  
 do not seem to have been plowed - the artifacts  
 collected. Actually, more & stones than cobbles.  
 The N. affluent of the <sup>Quila</sup> Agria ca. 65m to the  
 NW. - little ch., the little (N.) ca. 15m deep w/ a  
 well-defined, ca. 1cm deep channel in the bottom  
 oriented 83°.

Site 337 - located right against (ca. 8m S.) of the  
 N. bulk, 45m west of the N. affluent of the Quebrada  
 Agria on flat terrain atop the same terrace  
 supporting Sites 334-336. Site 335, ca. 175m  
 to the SW, Site 336, ca. 19m to the S. Shadow  
 heavy ca. 85m to the east across the Agria  
 branch. The Agria N. branch ca. 1m deep here + the

land slopes down white at from the B+W.  
 Covered in low, dense grass, a few areas of exposed  
 earth. Good str. alt. to per soil surface  
 visibility. 3 str. found with medium size & stones  
 (paving), few more smaller rocks. The soil seems fine  
 brown on the surface but where the road cuts  
 ca. 35m to the S. is much redder & gravelly.

Relatively flat terrain. Grass blades + small round-  
 180m to the SW.

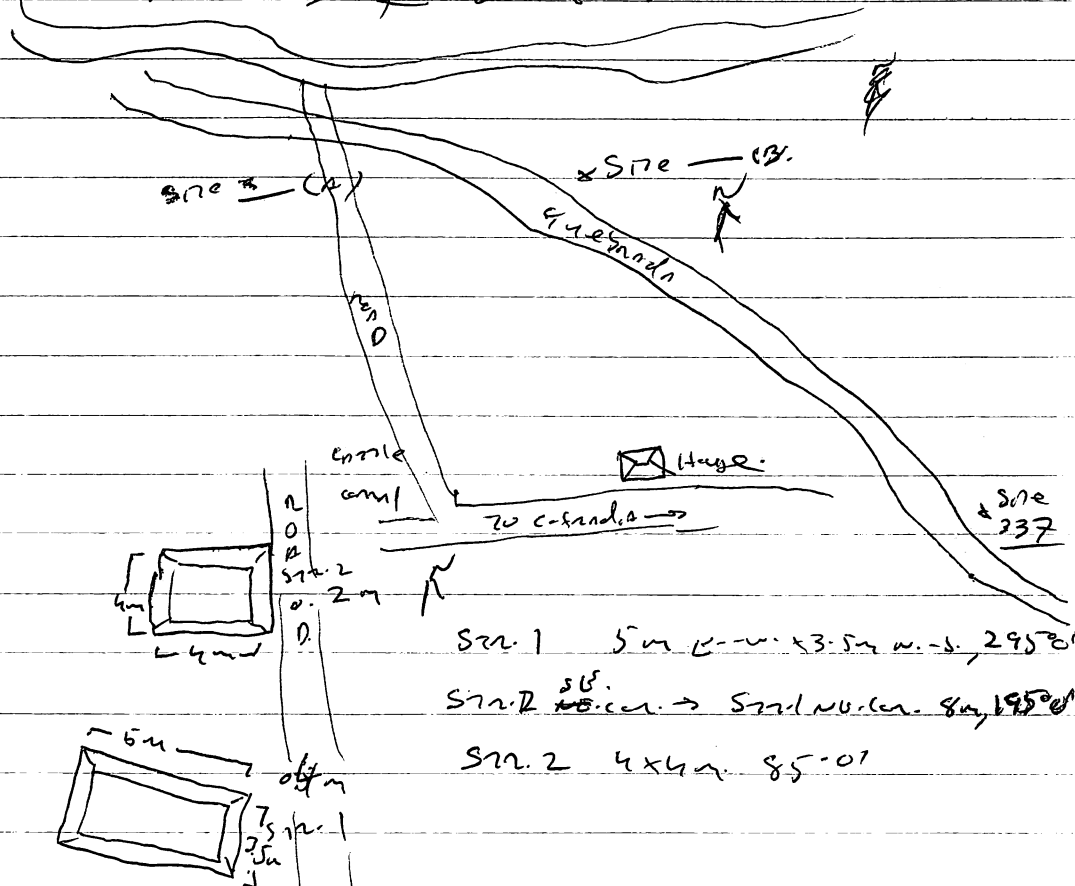


	POINT	φ	Distance
1)	SW cor. STR. #3	195° 0'	6.62 meters
2)	SE " "	171° 0'	12.62
3)	NE " "	125° 0'	4.91
4)	SE " STR. #1	74° 0'	6.40
5)	NE " "	48° 0'	12.55
6)	NW " "	13° 0'	12.53
7)	NE " STR. #2	340° 30'	4.95
8)	NW " "	306° 0'	7.31
9)	SW " "	279° 30'	6.67

to tributary of the r. aquea branch - ca. 35m to the  
 S., ca. 1m deep.



Site 384 (A) - low topographic + vegetation pattern  
 on site 334/337 - ca. 45m S of the hill 35m  
 west of an affluent of the Quebrada Ligera N. Branch,  
 and 25m WSW of site 334. 9 we stn, one of which  
 is a road leading N. to hill - trail possible.  
 Good with incline - to be of stn. 5m collector note



Site 333 (A) - low topographic + vegetation pattern on the  
 slope, set on the S. bank of the quebrada running  
 N. + E. of site 384 (A), ca. 110m distant to the  
 N.E. The quebrada is ca. 3m deep here, dry (now)  
 but broad, roughly 6m across N. to S. Some differences  
 in the channel, low, dense grass, greener etc.  
 immediately N. of the stn segment 1420m it further  
 down the slope. The stn on the hill  
 are approached. but are directed by quebrada,  
 which runs flat below terrain. stn. ca. 45m N.

*Quercus lyrata* - ca. 300-350m S. lt. 1 <sup>2</sup>/ped up

medium to lge. f. stems, str. 2, not  
very stems evident: resembles to  
the medium + f. Brum, hair, leaf  
rest, not very stems evident

the surface  
1 clean

572-1 5m x 7m 35900'

Syn. 1 NO.  $\rightarrow$  Syn. 2  $\text{Sn}^{2+}$   $\text{Sn}$  220°C/

822.2. 4x4m, 264°C

gite - hte 196 mg = hte 337, Sne 180 mg = 335

on a destroyed house. The last vest of the Cafreña  
road + n. of the Quebrada Ayra belongs now  
to Mariana Alvarez - who I talked with lasty +  
seemed interested in the local prehistory + inter-  
steri further. Leopoldo Alvarez, holds the  
land in an unaltered position S. of the Ayra.  
Leopoldo Alvarez. came in possession in 1979 to  
buy El luz + his brother on his land  
n.w. of Cafreña. steri have also on <sup>top</sup> 2 hills - but  
1950's.

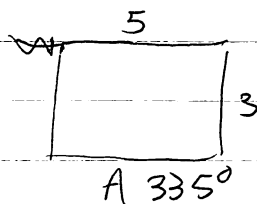
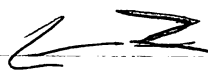
Unabandoned *tepus*? for ref. to manuscript.  
reported on the west coast of P. Alvarez in Card - could be it  
check at out lists.



Site 385

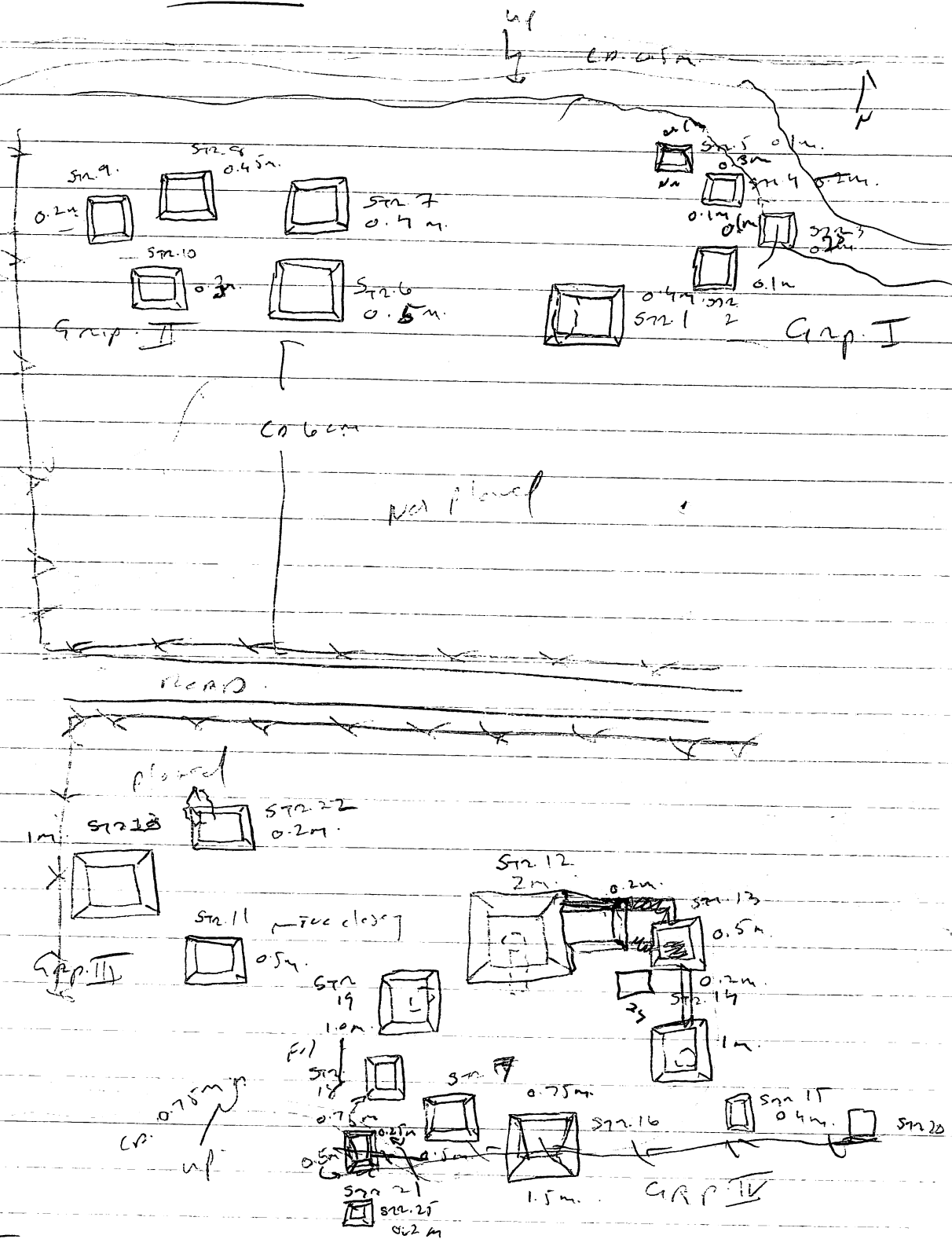
the vegetation is low scrubgrass, field has not been plowed, used for grazing, good structure visibility, fair ground visibility. To the south ~~east~~ the Cumbre Agria slopes down 20 meters away. To the ~~west~~ the mountains are 110 meters away. No surface collection found. No artifacts found. One sherd found and discarded. The structure is made of small to medium angular stones some small river cobbles.

N to S. five meters  
E + W 3 meters  
20 cm high.



Structure preservation is fair  
Asmuth 335° West line

Site 386 Quebrada Agria



Notes

386 A/01 - Backdoor from corner's pit, Sn. 12.

386 A/02 - General surface, Grp. IV

386 A/03 - General surface, Grp. I.

386 A/04 - General surface, Grp. II.

386 A/05 - General surface, Grp. III.

Site 386

POINT	°	DISTANCE
1. SE CORNER ST 1	132°	22m 3cm
2. NE " ST 1	118°	22m 30cm
3. NW " Aprox ST 1	118°	16m 55cm
4. SW " ST 2	124°	25m 56cm
5. SE " ST 2	120°	28m 75cm
6. NE " ST 2	112°	27m 35cm
7. SW " ST 3	111°	29m 10cm
8. NW " ST 3	105°	28m 67cm
9. NE " ST 3	105°	33m 25cm
10. SE " ST 4	100°	26m 44cm
11. NE " ST 4	92°	27m 30cm
12. NW " ST 4	90°	22m 70cm
13. SE " ST 5	87°	21m 55cm
14. NE " ST 5	80°	21m 60cm
15. NW " ST 5	77°	17m 40
16. NW " ST 9	277°	20m 45cm
17. NE " ST 9	275°	16m 22cm
18. SE " ST 9	264° 30'	17m 08cm
19. SW " ST 10	243°	18m 23cm
20. NW " ST 10	252°	17m 05cm
21. SE " ST 10	238°	14m 44cm
22. SW " ST 8	275°	15m 09cm
23. SE " ST 8	276° 30'	10m 07cm
24. NW " ST 8	294° 30'	15m 74cm.
25. SW " ST 7	275°	5m 78cm.
26. SE " ST 7	294°	2m 40cm.
27. NE " ST 7	341°	5m 34cm.
28. NW " ST 6	297° 30'	9m 68cm.
29. SW " ST 6	221°	11m 35cm.
30. NE " ST 6	244° 30'	3m 97cm.
31. Turning Pt. #1	186°	30m 26cm.
32. Station 2 to turning pt 1	351°	30m 21cm.

# Site 386

Point	Angle	Distance
33/ Station 2 to turning pt 2	✓ 171°	30m 23cm
34/ Station 3 to turning pt 2	✓ 53°	23.17
35/ SE cor. Str. 22	1 / 48°	3.18
36/ NE " "	2 ✓ 31°	6.24
37/ SW " "	3 349°	2.95
38/ NE " Str. 23	4 ✓ 283°	3.73
39/ NW " "	5 ✓ 272°	9.72
40/ SW " "	6 ✓ 244°	10.63
41/ SW " Str. 11	7 ✓ 186°	9.61
42/ SE " "	8 ✓ 159°	9.67
43/ NE " "	9 ✓ 141°	5.11
44/ station 4 to turning point 2	✓ 334°	29.72
45/ STATION 4 to STATION FIVE (5)	124°	26.16
46/ SW CORNER ST12	1 ✓ 119° 30' -180° def	17.38
47/ SE " ST12	2 ✓ 338°	10.45
48/ Junction Projection ST12 <sup>South</sup>	3 ✓ 349°	14.68
49/ NE CORNER ST12	4 ✓ 347°	19.58
50/ NE CORNER ST12 Projection	5 ✓ 1°	19.18
51/ SE " ST12 Projection	6 ✓ 1°	14.08
52/ NE CORNER ST13	7 ✓ 27°	17.84
53/ NW " ST13	8 ✓ 14°	16.79
54/ SE " ST13	9 ✓ 38°	13.09
55/ Faced contour junction ST13	10 ✓ 29° 30'	11.96
56/ ST24 NE ST13 SW Junction	11 ✓ 238°	11.57
57/ NW CORNER ST14	12 ✓ 9°	10.94
58/ SW " ST24	13 ✓ 8°	8.90
59/ NW CORNER ST14	14 ✓ 346°	6.25
60/ Junction Faced contour ST14	15 ✓ 45°	8.44
61/ NE CORNER 14	16 ✓ 51° 30'	9.10
62/ SE " 14	17 ✓ 107°	6.37
63/ NW " ST15	1 ✓ 157°	5.73

POINT		SITE 386	distance
64	SW CORNER ST15	2 $\checkmark$ 164°	9.94
65	NE " ST15	3 $\checkmark$ 31°	8.15
66	NW " ST20	4 $\checkmark$ 118°	14.19
67	NE " ST20	5 $\checkmark$ 115°	16.10
68	SE " ST20	6 $\checkmark$ 121°	16.75
69	NE " ST16	7 $\checkmark$ 209°	8m 6cm.
70	NW " ST16	8 $\checkmark$ 235°	12m 53cm.
71	SW " ST16	9 $\checkmark$ 218°	19m 35cm.
72	SW " ST17	10 $\checkmark$ 236°	20m 35cm.
73	NE " ST17	11 $\checkmark$ 248° 30'	14m 45cm.
74	NW " ST17	12 $\checkmark$ 254°	16m 89cm.
75	NE " ST25	13 $\checkmark$ 233°	25m 18cm.
76	SW " ST25	14 $\checkmark$ 239°	29m 78cm.
77	NW " ST25	15 $\checkmark$ 239°	27m 90cm.
78	SW " ST21	1 $\checkmark$ 242°	27m 44cm.
79	NE " ST21	2 $\checkmark$ 250°	21m 34cm.
80	NW " ST21	3 $\checkmark$ 254°	24m 66cm.
81	SW " ST18	4 $\checkmark$ 265°	20m 93cm.
82	SE " ST18	5 $\checkmark$ 262°	14m 60cm.
83	NE " ST18	6 $\checkmark$ 286°	15m
84	NE " ST19	7 $\checkmark$ 294°	22m 50cm.
85	NW " ST19	8 $\checkmark$ 290°	27m 39cm.
86	SW " ST19	9 $\checkmark$ 278°	27m 10cm.
87	North end to feature 1	10 $\checkmark$ 272°	25m 50cm.
88	South end to feature 1	11 $\checkmark$ 261°	26m 53cm.



Site 384

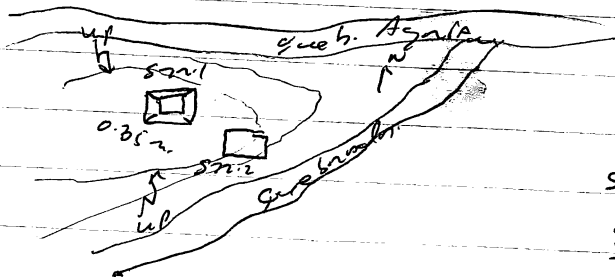
A large cut of 25 str. + 1 feature divided into 4 groups situated between the Casheda Lagoon + Rio San Bartolo, at the point where the lagoon runs / out against the N. bank, ca. 220m N/SE of Site 385. The lagoon is ca. 45m N of the site, cutting a channel ca. 7m wide, steep on the N, ca. 6m + to the S. It is a gradual on the S. It is a collar on the bed but no water despite very heavy rain the previous night. The Rio San Bartolo here is ca. 100m to the S. The terrain is fairly flat, very gradually from the N + S toward the area is a + sort of these 2 water courses. There are some reasons to be underlying, shallowly, & 4 stone what show up on the surface wherever hole. dig on the land has been plowed. breadbasket - brown, gravelly soil - like most of the land against the N. bank. They are very easy on against the hill face on the N. where the soil + rocks are very real. many for ever are (according to the local mining foreman, could account for real things to the earth + rocks here. The site runs across 2 <sup>adjacent</sup> fields and is covered in low, dense green, excellent etc. ok. to see artificial visibility; cattle pasture. Vels of 4 stone noted to stone + adjacent fields, apparently piled up to facilitate plowing + for the reason. been to be cleared for natural cuttings in the area.

3 he 4 gpm occupy the summit of a low (0.25-0.20m high) mound which drops N + S. → the Aguel, lagoon + Rio San Bartolo respectively, or well to the east, part B. of Group IV. The str. are fairly well preserved - while the land here were

plow; around to N. 15 + 10 <sup>vulture</sup> the str. have  
 not been severely damaged. 36 blocks are  
 faced with a mix of med. cobble & stone, nat.  
 medium-sized & stone, stony med. sized cobble.  
 also common. 36 largest + nat. complex group.  
 N. 10 with the best str. at the site - the 12.  
 taken like a barrelled complex in presence of growths  
 there, eventually leading to the formation of parallel  
 barrelled units. All 4 groups exaggerated around central  
 portion.

Site 387 - Ca. 35m S. of the Guahala lagoon + ca.  
 95m S. of the N. hill where the cut for strip mining  
 area was clearly visible, 175-200m W of site 386,  
 ca. 30m W. of a gulch, 20 dy (m) + ca. 2.5m deep  
 what appears to be a short offshoot of the lagoon. 36 the  
 Pan Am site - ca. 175m to the S. Covered, none  
 of the fields in this area, in low, dense grass,  
 suitable for cattle pasture. Good str. for artifact  
 visibility. Relatively flat terrain dipping to the south  
 to the east toward where the lagoon + the  
 offshoot join.

Two str., fossil / outlined with medium (mostly) to  
 small - sized med. & stone +  
 med. cobble.



SN1 6m x 4m, 1770' 3450'  
 SN2 10m x 3m, 1760' 8100'

## Site report #538

An area SE of San Antonio where a man had dug up a pile - gave me the shards S38 A/1

All of San Antonio was probably mounds at one pt. This is just evidence of that fact - plus we have seen shards to examine!

No mounds in the vicinity.

but chg 507 is on other side Chalant  
and site 455 is to U.

I H = 1.340cm

7/23/91

Site 202 Las Canoas

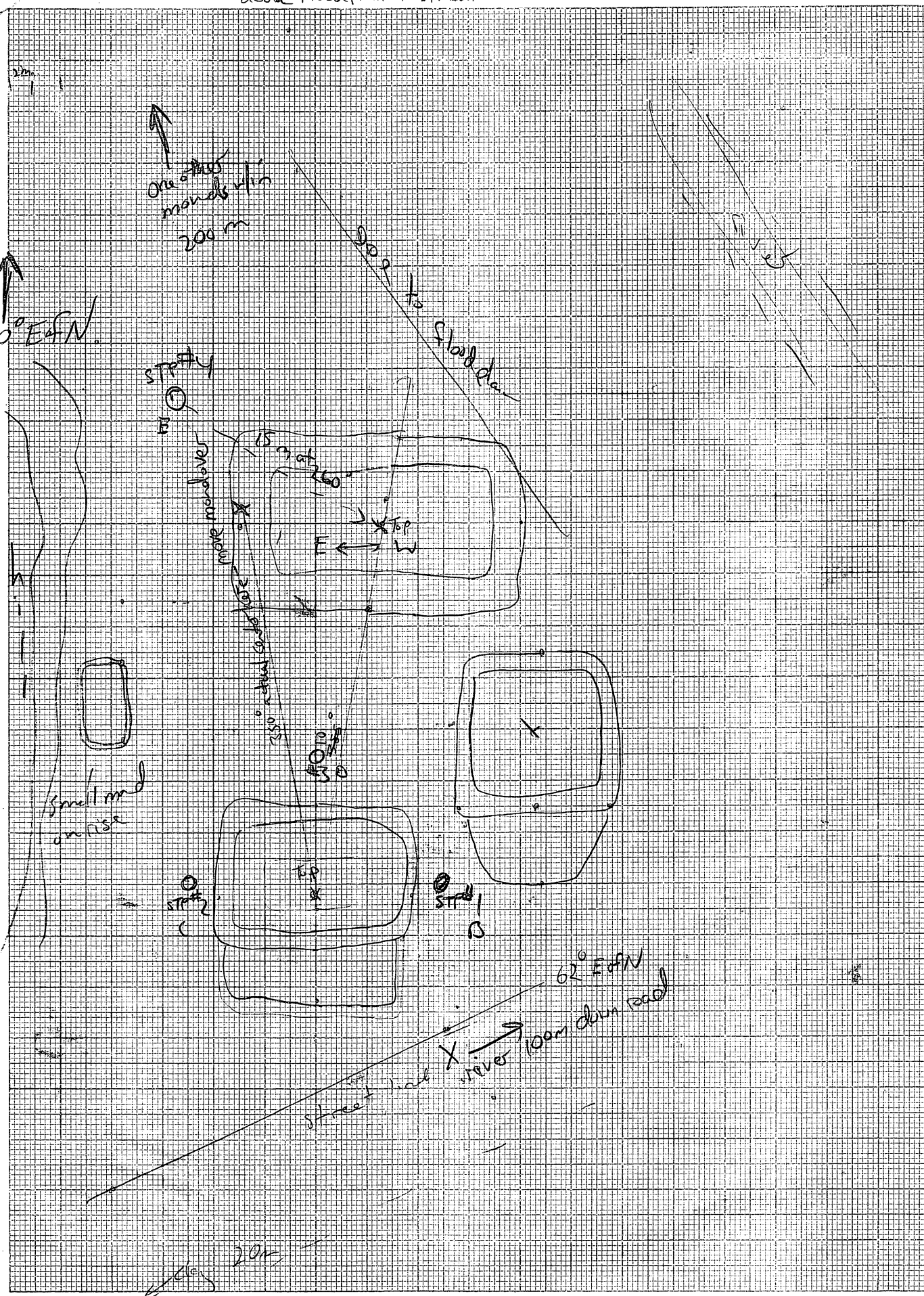
This site is located just outside of the Naco Valley. Site core is 50 meters west of the Chamelecon River. It sits on the northern edge of a terrace on the property of Trenilo Fajardo. ~~East~~ The northern corner of the terrace is the pass into the Naco Valley. On the western edge of the terrace, 180 meters from site core, are mountains. The other side of the mountains is the highway. The terrain is rolling, slightly sloping upward to the south, where the terrace ends about 225 meters. Structure visibility is good - artifact visibility fair. Ground covered with low scrubgrass - used for cattle pasture. Has been cleared, but not plowed. Some structures have medium-sized trees growing on them.

Structures made of medium-to-large river cobbles. Preservation good. ~~to some~~ Looting in the largest structure - large quantity of sherds, etc. collected.

There is a smaller site 125 meters to the north west.

Land drops down 10 meters just north of the northernmost structures. decreases along the west and east sides moving southward. South is basically level with the southern part of the terrace.

Mqg of 3 mound site near clay source #507  
above floodplain of stream



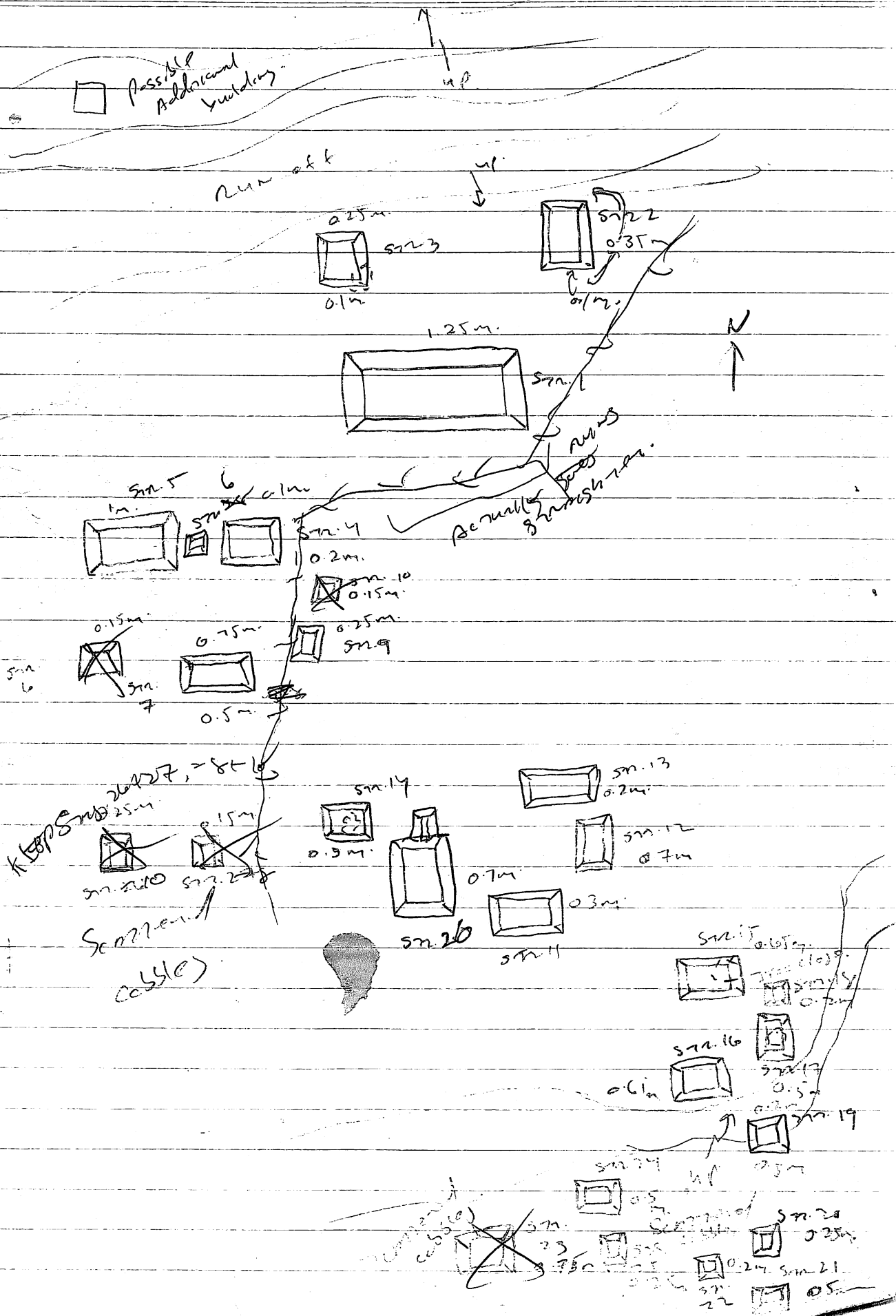
# Site 453

	POINT	°	DISTANCE
1/	SE corner ST 5	193°	9.10 meters
2/	SW " "	193°	12.39
3/	NE " "	209°	9.23
4/	SE " ST 6	224° 30'	9.11
5/	SW " "	220°	12.10
6/	NW± " "	235°	13.15
7/	SW " ST 1	252°	10.61
8/	NW± " "	256°	15.98
9/	NE " "	281°	15.91
10/	SW " ST 2	301°	12.82
11/	SE " "	322°	10.25
12/	NW± " "	327°	17.25
13/	NW " ST 3	16°	9.74
14/	NE± " "	20°	12.95
15/	SW " "	39°	9.89
16/	Center R.C. #1	74°	4.76 (3 meter diameter)
17/	NE Corner ST. 4	13°	4.49
18/	NW± " "	256°	2.02
19/	SW± " "	141° 30'	2.96
20/	Center R.C. #2	115°	7.72 (3 meters diameter)

453A/01 - General surface immediately v. of the site -  
includes stench + structure.

Note that in the Space Corp's plant fields  
one can see stench scattered widely over the area  
but if relatively clear concentrations were recorded  
in water. Since my well have been a number of  
mud pits or their area possibly not associated  
with shallow, that have been pretty much obscured  
by plants.

He 388



## Site 388

Loc. 27 str. into ca. 55m S. of the Quebrada  
Agua extending to within 25m of the Rio San Bartolo,  
15m WSW of Site 387 and 35m west of Site 386 in  
similar topographic & vegetative settings as the latter 2  
loci. On relatively flat to rolling terrain, sloping  
gradually N+S. to the Quebr. Agua and Rio  
San Bartolo respectively and from west to east.  
Covered in dense, low grass, good to excellent  
str. visibility, poor to ok. artifact visibility,  
with the pasture. Here portion of the fields (2) containing  
Site 388 look to have been plowed & planted with  
grain, the str. does not seem to have been  
disturbed, however. Is shallow, ca. 0.5m deep, still but  
broad, ca. 19m across, run off here just N. of  
the mouth of str. at the lower margin, stream W-S-E.  
Look like a tributary of the Quebrada Agua.  
Reddish-brown, rocky soil as in Sites 385-387.  
Shimmering cobbles & stones are found in the fields,  
were picked up. This makes for a confusing situation  
in which it is hard to distinguish legitimate buildings  
from recent rock piles. He stated none included any  
stone buildings I felt looked convincing - other  
then some even were left out. He # of  
platforms is; conservative. Structures are  
organized into 5 pairs, paired, small group. The  
dominant group is Site 386. Looking like well  
str. cluster analogous to Site 386. He  
stated the platform here seems to be a few  
nucleated inter represented by fairly open terracing.  
The building store of choice is the redish-brown & stone,  
some medium-sized cobbles in wall, Very few artifacts  
were found/seen on the surface.



Armando Reynald GORON - probably a Guatemalan

OWNER'S name

file 388

Notes - the company is acting up - not paying  
spinning well today.

Point	°	Distance
1/ NE corner ST2	62°	23m 10cm
2/ NW corner ST2	50°	20m 81cm
3/ SW corner ST2	54°	17m
4/ NW corner ST3	305°	22m 14cm
5/ SW corner ST3	297°	22m 53cm
6/ NE corner ± ST3	307°	19m 10cm
7/ NW corner ST1	312° 30'	6m 23cm.
8/ NE corner ST1	60°	6m 60cm.
9/ SE corner ST1	135°	5m 72cm.
10/ STATION 1 to STATION 2	215°	29m 13cm.
11/ SE " ST4	66°	12m 52cm
12/ NE " ST4	69°	17m 02cm
13/ SW " ST4	54°	13m 42cm
14/ NE " ST <sup>6</sup> <del>5</del>	7°	9m 62cm
15/ NW " ST <sup>6</sup> <del>5</del>	351° 30'	9m 86cm
16/ SW " ST <sup>6</sup> <del>5</del>	348°	8m 02cm
17/ EAST " ST5	331° 30'	7m 72cm
18/ South " ST5	295°	9m 80cm.
19/ West " ST5	306° 30'	14m 41cm.
20/ SW " ST7	217°	9.57m
21/ SE " "	195°	9.68
22/ NE " "	174° 30'	7.47
23/ NE " ST9	147°	18.16
24/ NW " "	141°	15.07
25/ SW " "	156°	15.02
26/ Station 2 to station 3	224°	30.35
27/ SW cor. ST. <sup>10</sup> <del>9</del>	230°	24.35
28/ SE " "	224°	23.55
29/ NE " "	224°	21.15
30/ NW " ST8	216°	17.12
31/ NE " "	205°	17.32
32/ SE " "	208°	19.87

# Site 388

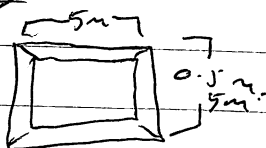
Point			±	distance
33/	Station 3 to Station 4		151°	22.65 m
34/	NW cor.	ST. 14	350°	10.81
35/	NE "	"	7°	8.48
36/	SE cor ±	"	346°	6.42
37/	NW "	ST. 13	48°	15.70
38/	NE "	"	65°	18.56
39/	SE "	"	75°	16.27
40/	W "	ST 12	<del>175°</del> 99°	10.65
41/	S "	"	121°	12.50
42/	E "	"	112°	17.20
43/	NE "	ST 11	112°	10.50
44/	NW "	"	115°	6.16
45/	SW "	"	146°	6.24
46/	SE "	ST 26	200°	3.45
47/	SW "	ST 26	285° 30'	3.04
48/	NW "	ST 26	1° 30'	4.20
49/	Junction Projection ST 26 West		22°	3.68
50/	NW CORNER	Projection ST 26	25°	6.60
51/	NE "	" ST 26	44°	7.25
52/	STATION 4 to STATION 5		139°	30.26
53/	NE CORNER	ST 15	48°	6.95
54/	SE CORNER	ST 15	73°	5.72
55/	SW CORNER	APPOX ST 15	95°	2.85
56/	NW "	ST 18	144°	8.36
57/	NE "	ST 18	136°	11.52
58/	SE "	ST 18	144°	13.28
59/	NW "	ST 17	157°	13.07
60/	SW "	ST 17	167°	18.50
61/	SE "	ST 17	152°	20.50

# Site 388

point	$\angle$	distance
63/ ST19 NE CORNER	171°	21.40
64/ NW CORNER ST19	183°	20.55
65/ SW " ST19	184° 30'	24.06
66/ SW " ST16	195° 0'	15.68
67/ NW " ST16	197°	11.18
68/ NE " ST16	174°	12.28
69/ STATIONS to STATION B	209°	30.26
70/ ST20 NW CORNER	158°	13.30
71/ ST20 SW "	164° 30'	16.44
72/ ST20 SE CORNER	158°	18.43
73/ ST21 NW CORNER	173°	19.31
74/ ST21 SW CORNER	178° 30'	23.33
75/ ST21 SE CORNER	170°	25.21
76/ ST22 SE CORNER	185°	16.93
77/ ST22 NE CORNER	186° 30'	13.83
78/ ST22 NW CORNER	199°	14.77
79/ ST25 NW CORNER	226°	15.77
80/ ST25 NE CORNER	210°	14.73
81/ ST25 SE CORNER	212°	18.15
82/ ST24 NE CORNER	251°	21.32
83/ ST24 NW CORNER	258°	25.92
84/ ST24 SW CORNER	250°	28.84

Site 389

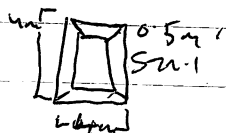
located ca. 100m east + on right of (Vipera's farm)  
Site 386 ca. 65m S. of the Guachula Lagoon +  
 185m N. of the Rio San Bartolo on flat lowland  
 covered w/ dense low grass; good site for  
 artifact visibility. Low area of exposed earth  
 the artifacts collected. Roughly str. oriented  
 roughly roughly  $340^{\circ}$ . Reddish-brown, gravelly soil.



Site - see Rio San Bartolo here enter a # of  
 different clay channels + low elevated a fair  
 amount of cobbles.

Under isolated platform - found rare field,  
 ca. 85m to the east here situated on a slope.  
 Both are found w/ medium-size river cobbles + some  
 & stones + one is well preserved especially the  
 record str. which measures:  $3 \times 3m$  + in orientation  $2^{\circ}$   
 + in size more clay color light

Two more platform ca. 35m east + on the  
 next field over from the last str. here the topographic  
 vegetation description as in the above



SN.1  $4 \times 9m$   $264^{\circ}$

SN.1 SE cor.  $\rightarrow$  SN.2 NW cor.  $68^{\circ}$

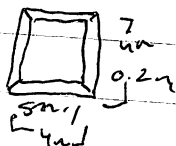
SN.2  $79^{\circ}$   $3 \times 3m$

## Site 390

Located ca. 120 m west & in sight of Site IV.  
 Site 386, ca. 60 m N. of the Rio San Bartolomé → 110 m  
 S. of the Guachaca square up against the N. hill.  
 Flat terrain, long-term green, good str. per  
 artifact visibility. No artifacts recovered. Two  
 fields cent of Site IV, Site 386 in middle pasture.  
 9 m str. 1 a plot, the other a very disturbed  
 remnant mounded on a rock concentration, well-  
 to medium-sized & stone + rare similar sized  
 cobbles used in construction. A reddish-brown  
 soil.



ac. 1



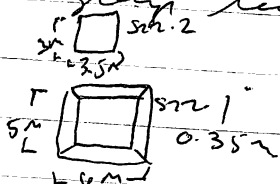
Str. 1. 1.4 x 4 m, 250° 0'

Str. 1's NW corner → Center. R.C. 1 - 5.5 m, 130° 0'

R.C. 1 - 5 m diam.

## Site 391

Ca. 190 m east / NW of Site 386 + 260-300 m east of  
 Site 386. 9 m str. 1 a masonry the west edge of  
 Site 391. This group looks like:



Str. 1 - 5 x 6 m, 108° 0'

Str. 1 NW corner → Str. 2 SE corner - 7 m, 282° 0'

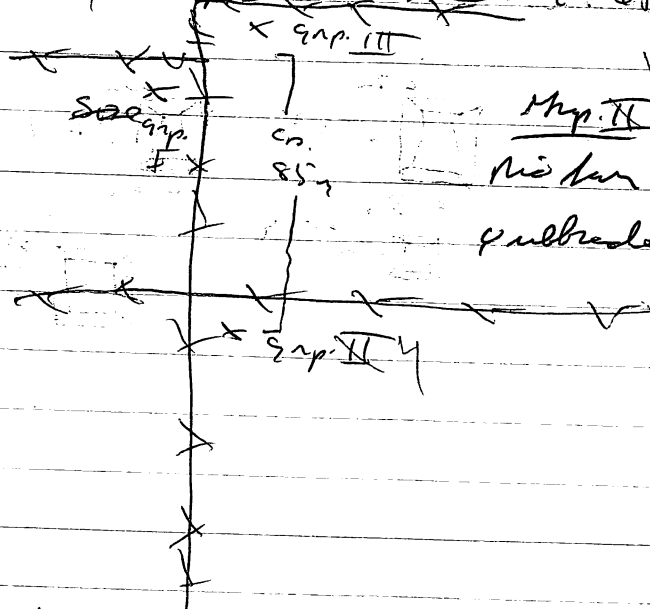
Str. 2 - 3 x 3.5 m, 185° 0'

Str. 1 looks to have been disturbed, its summit is undulating  
 in shape as the result of plowing or shallow pits.

Str. 2, on the other hand, is well-preserved & the  
 wall / surface lines are clear. Masonry - well cobbles  
 used in construction shows medium & stone

one also noted. P

Reddish-brown soil, plowing in the field among the group but more possibly for the 1. the group does not seem to have been plowed. Flat terrain, covered in low, dense green, good soil, O.K. to poor surface visibility. Cattle pasture. Site No. 1 for Bartolo lies ca. 145 m to the S, the Quebrada Lygia ca. 150 m to the N. against the N. hills. 4 groups each least 3 sites group in this site. Actually each group is a self-contained but <sup>the</sup> falls within 100 m of each other, no. 1 site. All same topographic & vegetation conditions. Each group, including the 2 site entity described above - rests on a low, very gradual rise within the overall flat terrain. Group II is ca. 25 m S.W. of Group I. Group III is ca. 65 m N.W. of Group I.



Site 386-391 all belong to culture Raymond known who lives in S. P. S. his major stone line after year like 388 or next appears.

Group II: The cobbles were piled atop the platform suggest some disturbance & stone removed. Otherwise, looks fairly free of modern debris. The stones are generally low, under 20 cm, like Group III, slightly above or past. Greater size cobbles & stones in use. Covered by

6/28/91

Site 392

Ground cover - scrub grass - architecture is good but poor visibility for artifacts. Site visibility is good.

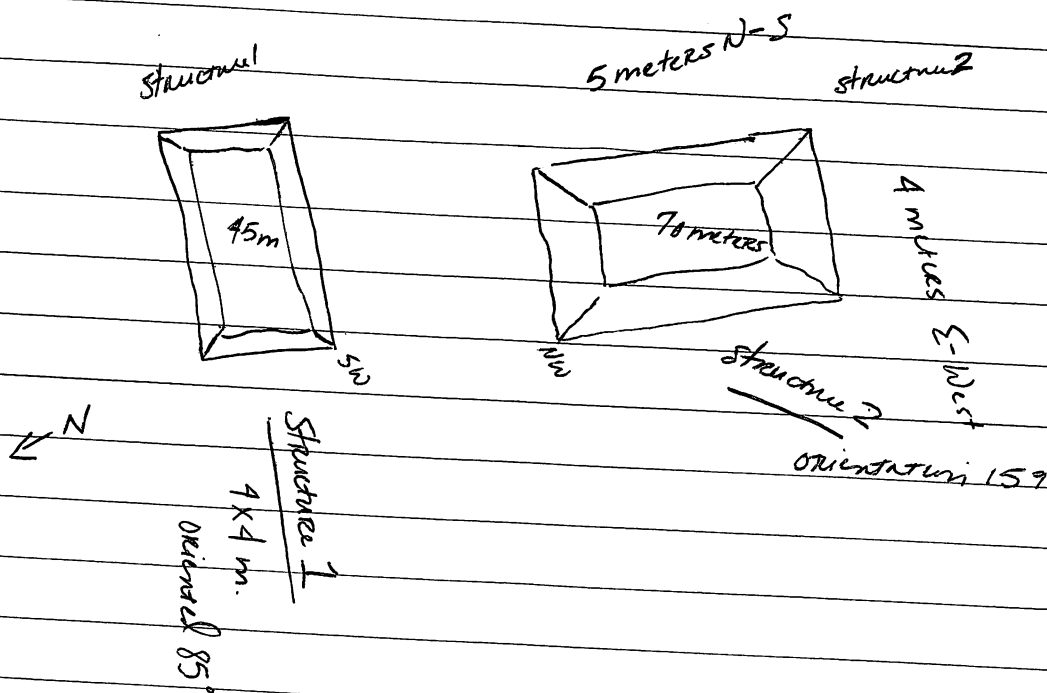
200 meters away San Bartol to the South.

125 meters Aguin to the North.

Both Aguin / San Bartol are dry.

Field hasn't been plowed. On fairly flat terrain used for cattle pasture. Scattered trees.

From SW corner of Structure 1 to NW corner to Structure 2 - oriented  $188^\circ$  and is 9 meters away.



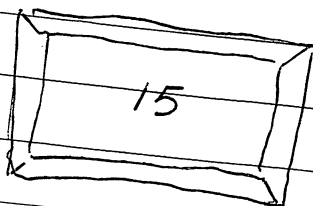
# Site 392

Same veg, topography - as Structures 1, 2  
 50 meters distance from Structures 1, 2 of Site 392  
 Buildings are well preserved.

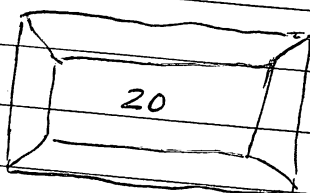
Structure 2 measures 3 meters N-S,  $3\frac{1}{2}$  meters E-W  
 oriented  $110^\circ$ . From SE corner of ST 3 to NW of  
 ST 4 -  $160^\circ$ , 9 meters distance.

Structure 4 3 meters N-S - 6 meters E-W.  
 oriented  $201^\circ$ ,

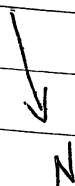
Structure 5 1-4 are all filled with medium to  
 small river cobbles



Structure 4



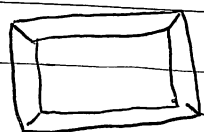
Structure 3



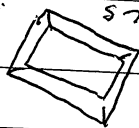


SITE 393

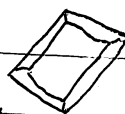
Owned by Arvelo family both sites 393, 392  
Fields covered in low scrub grass, field unplowed, used for  
grazing. To the south 160 meters is the San Bartol  
To the North, 175 meters is the Cabrada Agua.  
110 meters west, north west of site 392. 14 structures  
were found. made of small to medium river cobbles,  
mostly small stones. site visibility is good. No artifacts  
found. ground visibility poor. site preservation is good  
except for st. 4. shallow looters pit on east  
side of structure 1.

Site 394

Str. 1  
0.65m.



Str. 2  
0.3m.



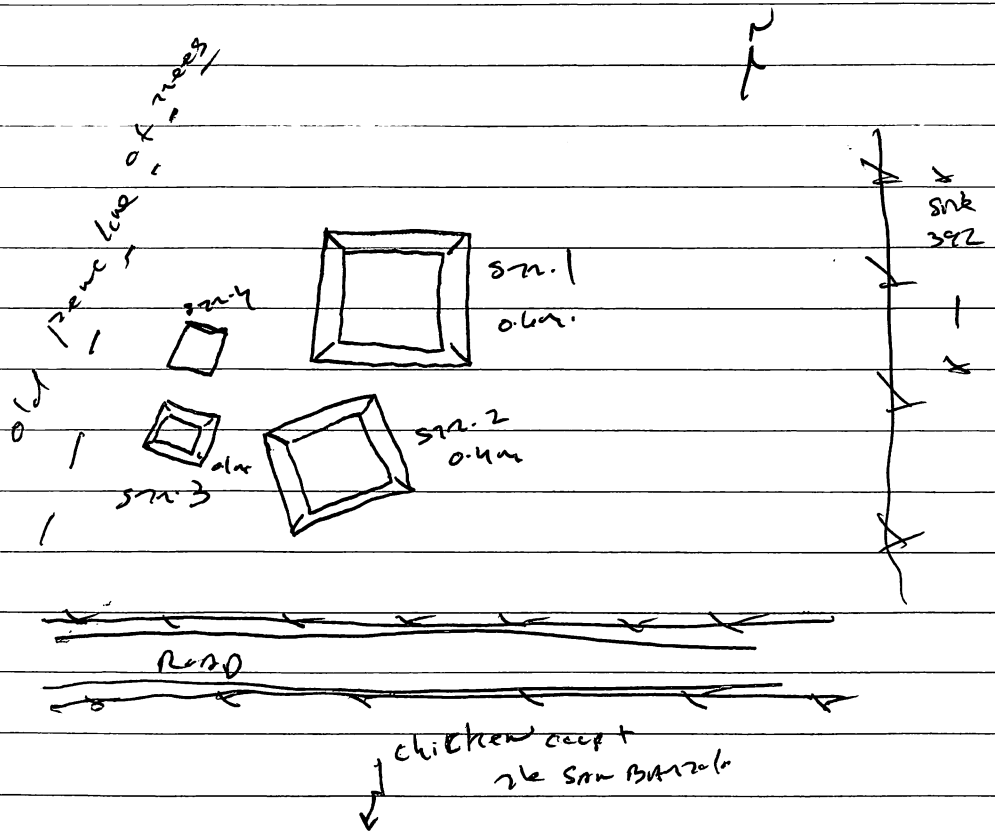
Str. 3  
0.25m.



Str. 4  
0.25m

up on outside

lte 393



Point	4	Distance
1/ SE CORNER ST1	127°	2.27
2/ NE CORNER ST1	9°	5.10
3/ SW " ST1	226°	4.27
4/ W " ST2	142°	7.37
5/ N " ST2	111°	4.88
6/ E " ST2	96°	9.45
7/ E " ST3	159°	9.63
8/ S " ST3	168°	11.75
9/ N " approx ST3	185°	8.31
10/ E " " ST4	199°	8.25
11/ N " " ST4	218°	8.16
12/ W " " ST4	219°30'	12.34

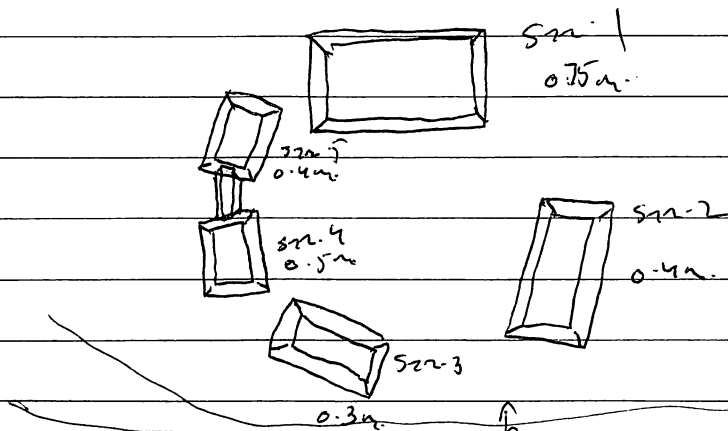
# SITE 394

POINT	#	DISTANCE
1/ NE corner ST 1	354° 0'	9.83 m
2/ NW " "	321° 0'	9.82
3/ SW " "	292° 0'	5.28
4/ SW " ST 2	23° 0'	9.45
5/ NW " "	19° 0'	13.19
6/ NE " "	36° 0'	14.82
7/ NW " ST 3	60° 0'	12.08
8/ SW " "	64° 0'	8.07
9/ SE " "	86° 0'	9.25
10/ NE " ST 4	103° 0'	4.19
11/ SE " "	127° 0'	6.78
12/ SW " "	159° 0'	5.38

This site is located 120m North of the Rio San Bartolo and 200m South of the Agria Quebrada; 100m to the NW of site 393; 175m to the East of site 391.

Ground is fairly flat but very gradually dropping to a depression between the site and the San Bartolo, and sits on the edge of the flat area coming from the Agria. Vegetation is low to medium scrubgrass - no plowing - used for <sup>cattle</sup> grazing. Good structure visibility, poor artifact visibility. No artifacts found. Structures primarily faced with medium-sized river cobbles. The South half of structure 1 is mostly covered with earth (no stones). There is a tree growing on top of structure 4. Sites 391 and 393 are visible from here. The pattern found with sites 386 to 391 of sites being located down the middle between the San Bartolo and the Agria seems to be continuing.

Site 395



POINT	+	DISTANCE
1/ NE Corner ST1	29° 30'	8.28 m
2/ SE Corner ST1	45°	3.33 m
3/ SW Corner ST1	308° 30'	4.94 m
4/ NW Corner ST2	74°	4.71 m
5/ NE Corner ST2	76°	10.27 m.
6/ SE Corner ST2	111° 30'	12.59 m
7/ NW " ST3	169°	10.44 m.
8/ SW " ST3	174°	15 m.
9/ NE " ST3	143°	10.45 m.
10/ SE " ST4	183°	11.25 m.
11/ SW " ST4	199°	15.82 m.
12/ NE " ST4	204° 30'	8.97 m.
13/ Saddle junction ST4 E	209°	9.44 m
14/ " ST5 E	218°	8.78 m.
15/ " ST5 W	220°	9.95 m.
16/ SE " ST5	213°	6.06 m
17/ NE ST5	267°	5.96 m
18/ NW ST5	259° 30'	10.16 m.

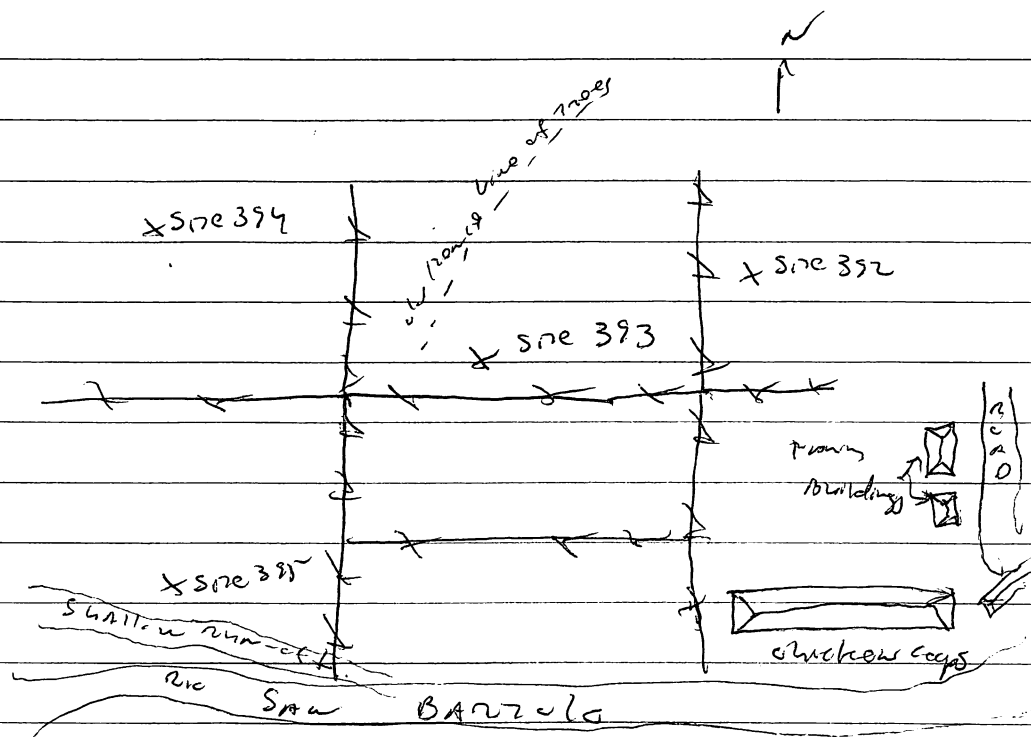
## Site 395 notes

Location: 35 meters north of the San Bartol. 400 meters S of Quebrada Agua. Site 393 195 meters to NE. Site 394 is 100m to the North. Dip of about 1 meter running parallel to San Bartol. Site sits on the edge of runoff. Ground rises immediately before descending to San Bartol which runs about 8 ft deep but which now is dry. To the North ground is more or less flat to rolling. It drops to a depression which separates site from 394.

Medium scrubgrass. OK structure visibility. Poor artifacts visibility. None found. Used for cattle grazing - not plowed. Scattered river cobbles to the W and some to the North (deposits of San Bartol). Site owned by Arevalo family (as is 394).

Medium sized river cobbles. fairly well preserved structures. Big tree growing NW of Structure 1.

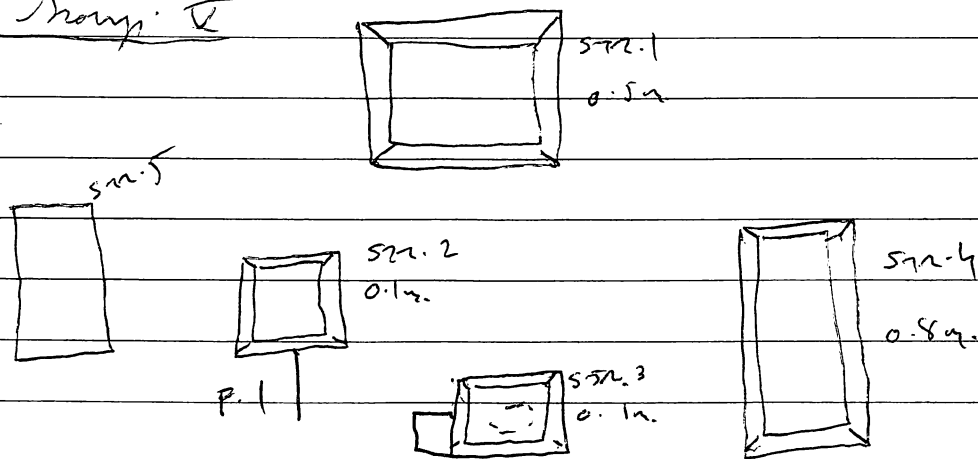
See Chetumal map, ca. 125m to the east on the N. bank of the Rio San Bartolo.



started off the morning survey, the field just  
 west of the lagoon and it runs n. part n. of Copacabana  
 by what seem to be the levees here with  
 the satellite ditch. Nothing at all noted in this  
 area which is cleared to settle pasture, usually  
 irrigated, and there is no sign of ~~plow~~ plowing, but  
 we can't rule out the possibility that  
 much of this area was damaged due to construction  
 in the area - this is the place where most of  
~~the~~ <sup>the</sup> farm buildings are located. Still, no overt  
 sign of disturbance or destroyed buildings. <sup>Share</sup> ~~Share~~  
 does seem to be a genuine shop or settlement density  
 west of the lagoon, peaking up westward toward hite 384 +  
388.

hite 391

Group II



1  
 10m

Descend to the S of BARRIOLO - ca. 5m down

# Site 391 group 5

point	angle	distance
1) NW CORNER ST4	88°30' ✓	8.45
2) NE " ST4	86°30' ✓	14.04
3) SE " ST4	113°30' ✓	17.12
4) NW " ST3	108°30' ✓	1.68
5) NE " ST3	102° ✓	4.28
6) SE " ST3	140°30' ✓	6.74
7) junction of SW CORNER ST3 Projection	166° ✓	5.80
8) NW CORNER of projection	205° ✓	2.44
9) junction <sup>ST3</sup> projection N	145° ✓	2.47
10) NE CORNER ST2	295° ✓	3.15
11) NW " ST2	275° ✓	5.80
12) SW " ST2	247° ✓	5.52
13) junction Feature 1 to 2 <sup>structure</sup>	242° ✓	4.45
14) south end feature 1	223° ✓	5.67
15) NE CORNER ST5	259° ✓	10.94
16) NW CORNER ST5	257°30' ✓	14.70
17) SW CORNER ST5	244° ✓	14.86
18) <del>SE</del> SE CORNER ST1	45°30' ✓	3.80
19) NE " ST1	18°30' ✓	8.09
20) SW " ST1	319° ✓	3.32

TAKEN ON west side  
of Feature 1  
Feature 1 is 1 stone  
wide

# Site 391 group 5:

medium to high scrub growth but passable, field is not plowed. OK structure but poor artifact visibility scattered River cobbles in area adjacent to the Rio San Bartol especially in East possibility of some structures with in there half way between this site and 395. Rio San Bartol is 10 meters to the South, Cabradal Rico is 300 meters to the North. Topography - there is a dip the same depression that was by the site 395 it to our North it seems like a River channel it descends about 45 cm gradually and then rises to the North again. otherwise terrain is flat. it drops precipitously to the South in the Rio San Bartol. Site 395 is approx. 185 meters to the East. Tree growing out of the way side of structure 1, pit at top of structure 2. Structures are pretty well preserved. Soil tends to be fine grain brown, it gets red and more gravelly when you head towards the hills. cattle pasture. Property belongs to Cruzman.

Points	Angle	distance
1) STATION A to turning point 1	299°	30.27
<del>turning point 1 to</del>		
2) STATION B to turning point 1	144°	30.20
3) STATION B to turning point 2	325°	30.30
4) STATION C to turning point 2	122°	29.10
5) SW CORNER of ST 3 ST 3 group 4	113°30'	23.82
6) STATION C to TP 3	333°	30.30
7) STATION D to TP 3	162°	30.25
8) NE CORNER ST 1 (the one w/ elevation)	269°	16.04

Group 1



# Site 391

Point

0° 30'

distance

30.11

1/ STATION D to TP 4

197° 30'

~~29.49~~ 29.49

4/ STATION E to TP 4

41°

~~7.80~~ 7.80

3/ NW CORNER ST 2

17°

30.30

4/ STATION E to TP 5

165°

30.30

5/ STATION F to TP 5

(161°) 341° 08'

28.75

6/ STATION F to ST G

7/ ~~Group 4~~ ST 2 SW CORNER

172°

4.86 m

8/ SE CORNER ST 2

132° 30'

7.87 m

9/ NE CORNER ST 2

94°

5.38 m

10/ NE CORNER ST 4 ±

12°

6.18 m.

11/ NW CORNER ST 4

348° 30'

5.63 m.

12/ SW CORNER ST 4

339°

2.95 m.

13/ ST 3 NE CORNER

320°

14.43 m.

14/ ST 3 NW CORNER

312°

16.46 m.

15/ SW CORNER ST 3

300° 30'

16.10 m

16/ Center RC #1

291°

16.68 m.

17/ DIAMETER 3.5 m

~~10.18 m.~~

18/ SE CORNER ST 1

268°

10.18 m

18/ SW CORNER ST 1

259° 30'

12.41 m.

19/ NW CORNER ST 1

270°

15.21 m.

20/ RC #2 Center

212°

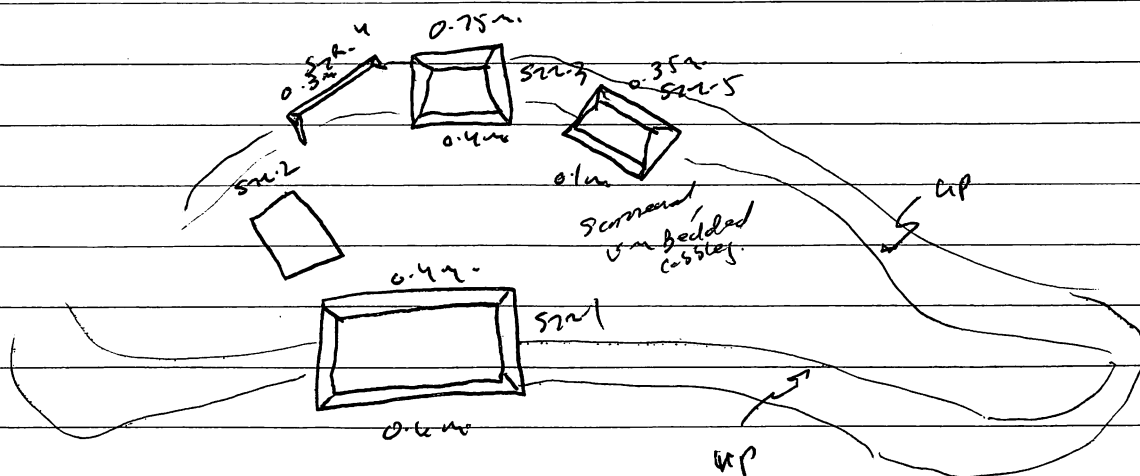
7.20 m.

2 meters diameter

Note that by Group III - road - road - road

See over photos 385-391 - Reynard Green. (Green)

N



Pol M	$\angle$	Distance
SE corner ST. 1	$129^{\circ} 0'$	4.65 meters
NE " "	$56^{\circ} 0'$	4.54
NW $\pm$ " "	$339^{\circ} 0'$	4.94
NE corner ST. 2	$326^{\circ} 0'$	9.08
SE " "	$325^{\circ} 0'$	6.57
NW " "	$312^{\circ} 0'$	9.78
SW " ST. 4	$342^{\circ} 30'$	15.19
NW " "	$343^{\circ} 0'$	18.05
NE " "	$358^{\circ} 0'$	19.10
SW " ST. 3	$0^{\circ} 0'$	11.63
SE " "	$23^{\circ} 0'$	11.50
NE " "	$21^{\circ} 30'$	16.34
NE " ST. 5	$54^{\circ} 0'$	19.04
SE " "	$72^{\circ} 0'$	17.58
SW $\pm$ " "	$66^{\circ} 0'$	14.12

## SITE 396

This site is located 35 meters South of the Rio San Bartolo at a point where the river, having gone South, is now turning east. Site 395 is about 100 meters to the North of 396. The Alvarez chicken coops are about 175 meters to the Northeast, across the San Bartolo.

Vegetation - medium-high scrub grass, thorn bushes and cactus. Fair structure visibility, bad artifact visibility.

Topography is fairly flat in surrounding area.

The site occupies a 35-40 cm high rise.

Soil is dark brown, fine-grained - not the reddish soil on the North side of the San Bartolo. The land is used for cattle pasture and has not been plowed. There is a fair number of large trees around with none growing directly on the structures.

Structures formed of medium to large river cobbles, fairly well preserved. Surrounds a central patio on the most elevated part.

On the NW corner it appears a terrace was built (Structure 4) to prevent erosion.

Site 397 - large str. ca. 125m <sup>across the river to the</sup> S of site 395, <sup>from</sup> 100m east (80' of site 396). See Rio San Bartolo <sup>from</sup> ca. 55m N. of the house while the channel changes again ca. 170m to the N.E. across the San Bartolo. On relatively flat terrain covered in low, dense grass, very good str. + ~~some~~ artifact visibility. Field has been plowed and the platform looks to have been changed

especially on the S. side. Grass up medium - up  
collar + rare p. shrubs, mostly collar. Cattle pasture  
a very sh. meadow. 3x3 m oriented 332°0', as  
0.1 m high. Flat terrain.

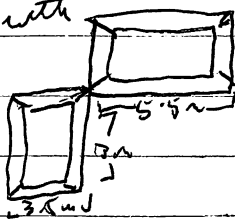
Site 398 - another very sh. site ca 110 m east of Site  
397, 140 m S. of the Rio San Bartolo, in the next field over  
(east) from Site 398 in rare vegetation cover on Site  
397. Flat terrain, still evidence of plowing but  
the the building seems less damaged. Grass  
with medium - up ~~collar~~ <sup>collar</sup> + rare p. shrubs - collar  
predominant. The building is well preserved and  
measures 3x3 m, is oriented ca. 86°0' + stands evenly  
high. The <sup>shrub</sup> checker crop - ca. 1.75 m N. + across the  
Rio San Bartolo. Cattle pasture.

Site 399 - located in fluvial deposition area - ca  
100 m N. of Site 398 and 75 m S. + across the Rio San

Bartolo from the shrub checker crop. high to cattle  
pasture.

Site 410 - Ca. 140 m east of Site 399 and 40 m  
S. of the Rio San Bartolo, 65 m S. + across the San  
Bartolo from the shrub checker crop. Flat terrain,  
seems to have been plowed. Covered in low, dense grass,  
very good str. <sup>o.k. to</sup> ~~poor~~ <sup>poor</sup> ~~visibility~~ <sup>visibility</sup>. Cattle pasture.  
Str. (2) seems to have been somewhat disrupted  
their perimeter by plowing - though they were not  
plowed over their summit. Some idea of their form  
survives. The building is at the corner:  
good with medium (mostly), to small collar. The  
soil in the fields with  
Site 396-410  
dark brown & fine  
not apparently the  
reddish-brown, gravelly soil noted further N  
towards the mountains

str. lower  
all look  
fairly  
good



Site ~~411~~ = 167?

2 mound site

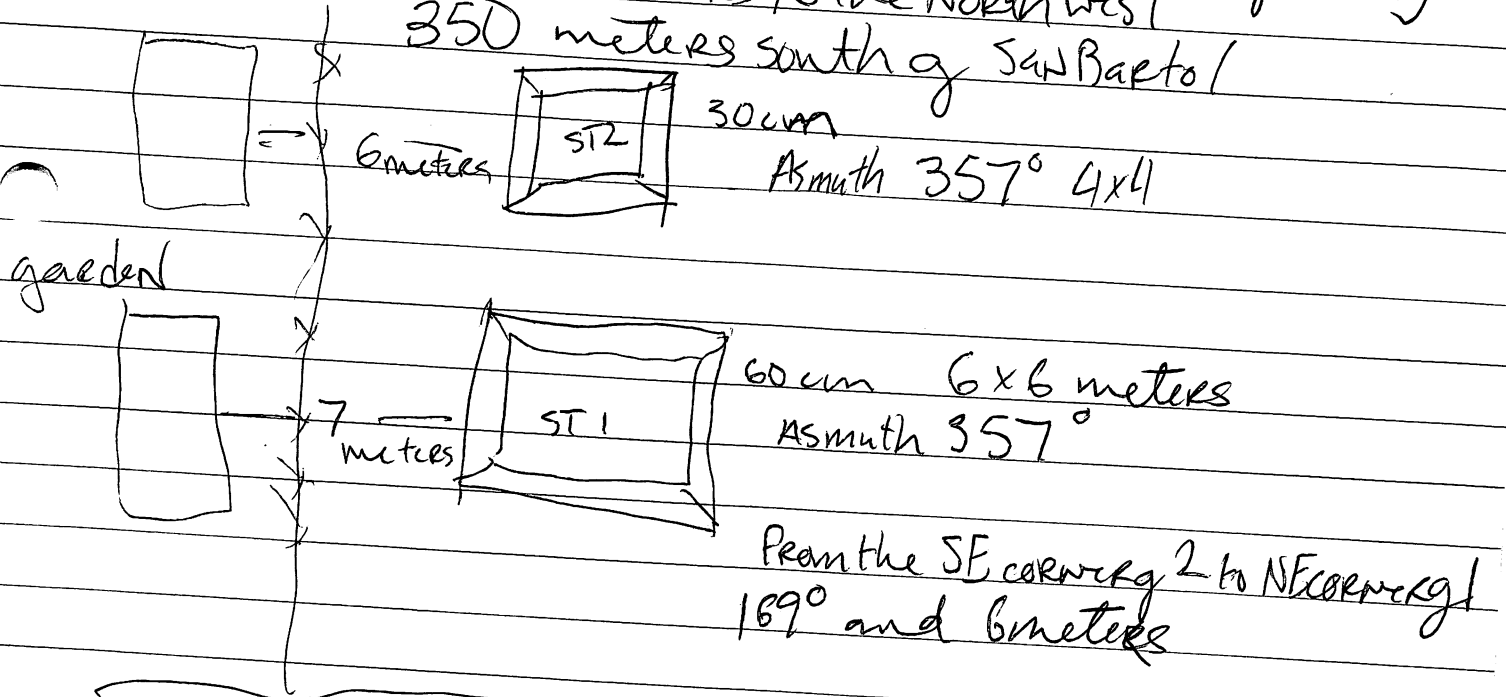
low scrub grass grazing field, Not been plowed  
Recently site visibility good artifact visibility  
fair to poor. structures are well preserved  
medium size river cobbles + angular stones <sup>mostly</sup> cobbles.

location: 250 meters <sup>west</sup> ~~south~~ of the Rio San  
Bartol 300 meters west of Cabradia.

Terrain is rolling but mostly flat.  
possibly 2 more <sup>mounds</sup> ~~structures~~ in the garden to the west  
of the site. Cabradia to the south 45 meters

Zelaya owns the field.

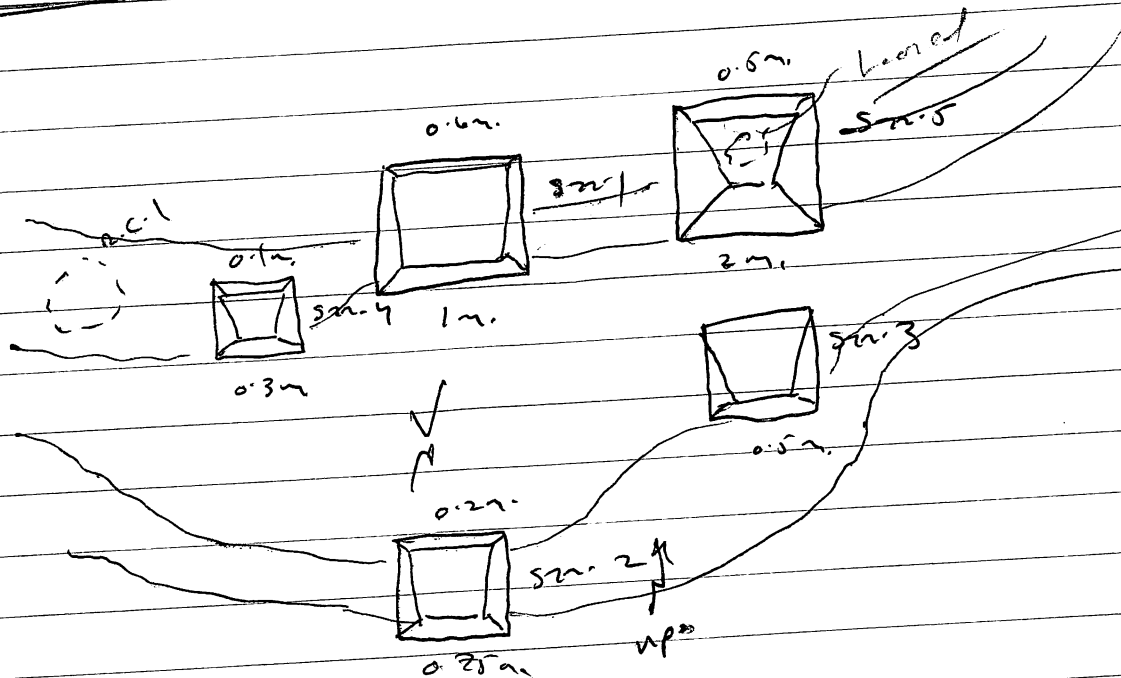
site 410 is 300 meters to the North west <sup>a tributary</sup> of San Bartol  
350 meters south of San Bartol



cabrada tributary to Rio San Bartol  
tile making business 175 meters to the East  
low w/ umbilical cord.

Site 412

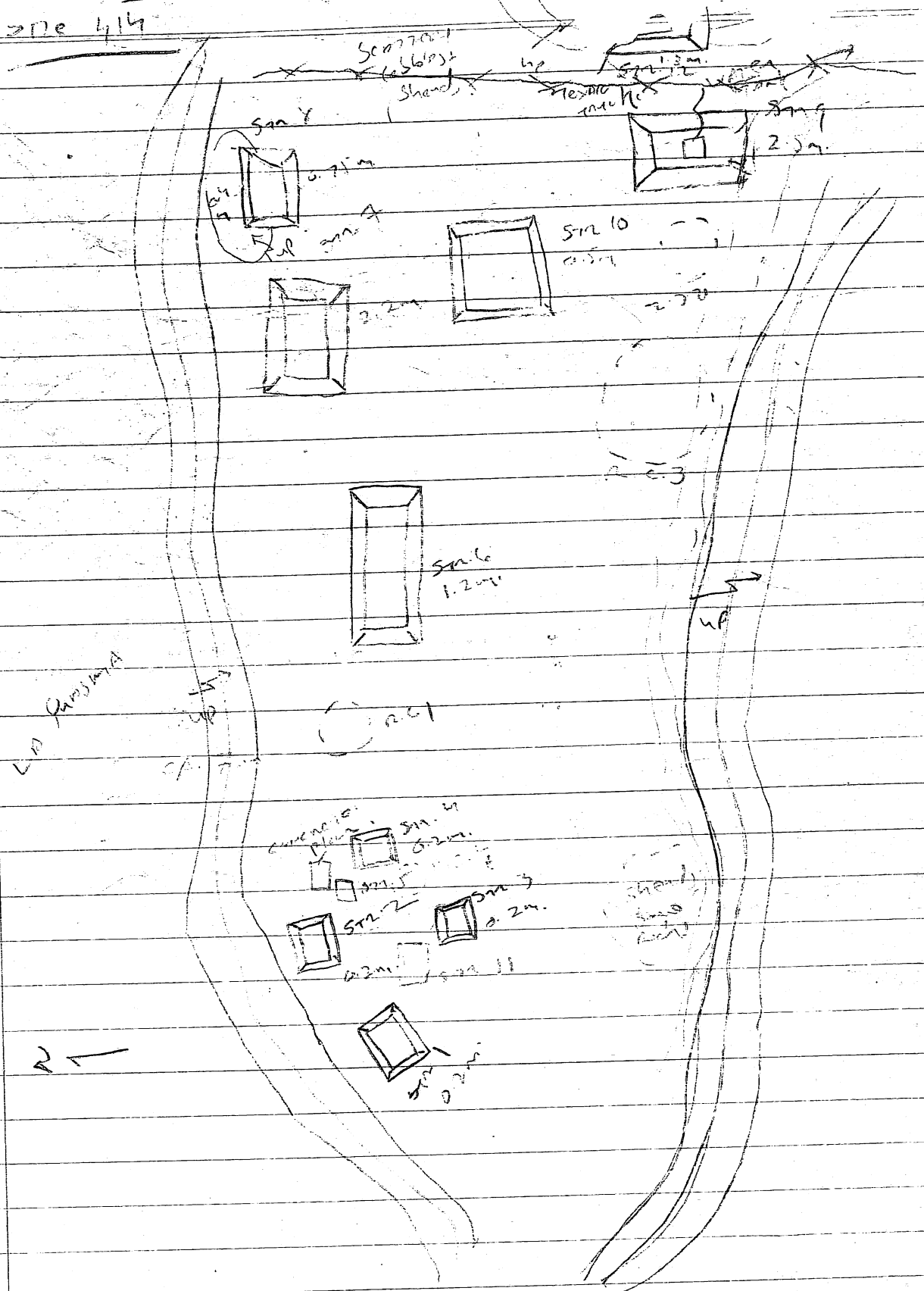
NEIS - up By Site 126  
mounds



Ground is low (ca. 0.15m high), some plants, shrubby  
 sticks, mulch, good site + excellent visibility. No plants  
 but some stone removal, especially the 5. The 5 is covered  
 with exposed large to medium cobbles in situ, the  
 remainder have medium cobbles embedded in their surfaces.  
 Located ca. 300m SW of Site 126 & is right of it, and  
 ca. 16m above and 20m S of the Site 126 which  
 separates this basin from Site 126. On a well  
 half of flat terrain with otherwise rather steep  
 sloping land. Dark brown <sup>rocky</sup> soil. Some of the  
 surface is covered by the rubble for the site. 412 is covered  
 surface collected by the owner and his family. The  
 floor is running straight, ca. 2m across + 1m deep  
 pit of cobbles with deep <sup>quartz</sup> clay soil above it. One  
 rock concentration (cc.1) located on the east margin of  
 the site - heavily destroyed. Some rubble on the site.  
 However, the rubble has been removed from the 5 (unpublished  
 report.) No MSP  
 another site - up by low mounds. Part of a  
 mound - located at the junction of the 2 mounds and the 100m

Sept 14 - 513

270 4/14



1) ST1	NE	CORNER	1 $\checkmark$ 348°	7.90	
2) ST1	SE	"	2 $\checkmark$ 302°30'	5.49	
3) ST1	SW	"	3 $\checkmark$ 295°	9.91	
4) ST11	SW	"	1 $\checkmark$ 175°30'	4.57	
5) ST11	NW	"	5 $\checkmark$ 122°30'	2.38	
6) ST11	NE	"	6 $\checkmark$ 119°	6.32	
7) ST3	SW	"	2 $\checkmark$ 162°	10.82	
8) ST3	NW	"	8 $\checkmark$ 152°	8.97	
9) ST3	NE	"	9 $\checkmark$ 133°	13.64	
10) ST2	SW	"	10 $\checkmark$ 137°	9.27	
11) ST2	NW	"	11 $\checkmark$ 34°	14.24	
12) ST2	NE	"	12 $\checkmark$ 52°30'	15.37	
13) ST5	NW	"	13 $\checkmark$ 97°	12.51	
14) ST5	SW	" approx	14 $\checkmark$ 112°30'	11.43,	
15) ST5	SE	"	15 $\checkmark$ 112°	14.50	
16) <del>ST4</del> RC4 center			16 $\checkmark$ 111°	24.16	4m diameter
17) <del>ST4</del> SW CORNER			17 $\checkmark$ 107°	27.70	
18) ST4 NW		"	18 $\checkmark$ 100°	28.58	
19) STATION 1 <del>ST4</del> to TP1			19 $\checkmark$ 124°	30.25	
20) STATION 2 to TP1			20 $\checkmark$ <del>100</del> 298°	29.10	180 118 298
21) ST4 SE CORNER			21 $\checkmark$ <del>100</del> 311°	26.00	
22) RC 1 center			22 $\checkmark$ 81°30'	30.20	4m diameter
23) STATION 2 to TP2			23 $\checkmark$ 81°30'	30.20	
24) STATION 3 to TP2			24 $\checkmark$ 306°	30.20	
25) ST6 NW CORNER approx			25 $\checkmark$ 282°	<del>10</del> 15.50	
27) ST6 NE " approx			27 $\checkmark$ 145°	11.63	
28) " SE " "			28 $\checkmark$ 175°	19.90	
29) Station 3 to TP3			29 $\checkmark$ 139°30'	30.30	
30) <del>ST6</del> Station 4 to TP3			30 $\checkmark$ 297°30'	23.55	
31) SW cor. ST. 7			31 $\checkmark$ 341°	31.40	



# SITE 414

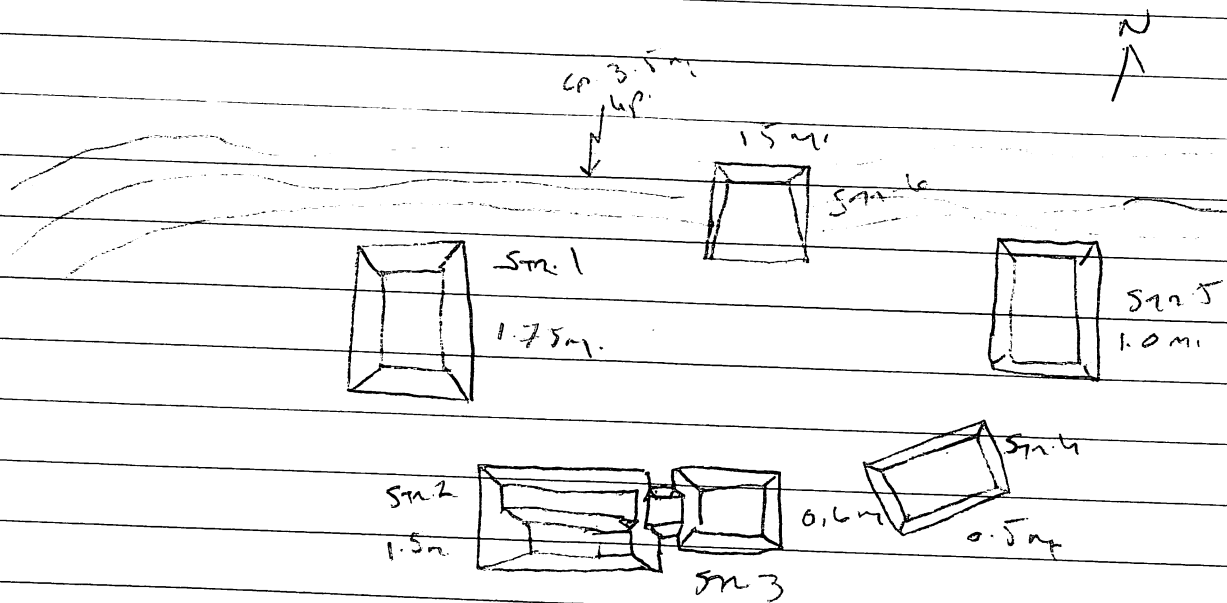
POINT	±	DISTANCE
32/ SE corner ST. 7	2 ✓ 49° 30'	16.34 meters
33/ NE " "	3 ✓ 41°	32.70
34/ NW " ST. 10	4 ✓ 90°	24.70
35/ SW " "	5 ✓ 122°	23.54
36/ Station 4 to TP 4	✓ 110°	30.30
37/ Station 5 to TP 4	✓ 310°	18.12
<del>38/</del> also SE ± ST. 10		
38/ Center Rock Concen. #3	✓ 235° ✓	25.36 Diameter 14m
<del>39/</del> + Steve's Datum		
40/ Center Rock Concen. #2	✓ 194°	24.49 Diameter 12m
41/ Station 5 to Station 6	✓ 145° 30'	29.08
42/ NW cor. ST. 9	✓ 184° 30'	5.05
43/ NE " "	✓ 126°	23.18
44/ Station 7 to NE cor. ST. 9	✓ 356°	18.53
45/ SE cor. ST. 9	✓ 224°	31.70
46/ Station 7 to TP 5	✓ 99°	30.30
47/ Station 8 to TP 5	✓ 291°	30.11
48/ SE corner ST 12	✓ 180°	11.40
49/ NW " "	✓ 21°	20.06
50/ Station 8 to Station 9	✓ 29°	15.10
51/ NE corner ST 12	✓ 62°	7.26
52/ NW " ST 13	2 ✓ 119°	20.90
53/ NE " "	2 ✓ 120°	28.70
54/ Station 9 to Station 10	✓ 156°	22.52
55/ SW corner ST. 13	✓ 195°	12.90
56/ Station 10 to Station 11	✓ 215°	28.90
57/ NE corner ST 14	1 ✓ 172°	2.35
58/ NW " "	2 ✓ 269°	6.25
59/ SW " "	2 ✓ 242°	9.56

POINT	°	Distance
600/ Station 12 to Station 5	✓ 195°	30.05 meters
601/ SW ± corner ST 8	1/ 355°	24.87
602/ SE ± " "	2/ 58°	21.70
603/ Station 12 to TP 6	58°	21.70
604/ TP 6 to Station 13	✓ 238°	10.83
605/ NE ± corner ST 8	✓ 346°	7.20
606/ Quebrada edge	48° <del>not used</del>	23.49

### Site 414 notes

Belongs to Jaime Rosenthal. Structures are disturbed except for the largest structures <sup>(7+9)</sup> because field has been heavily plowed. High scrub grass, used for pasture. Structure visibility OK not great. Artifact visibility is not that great. Terrain is fairly flat bounded by ~~low~~<sup>high</sup> hills to the S. 7 m drop off by Quebrada to the Guasima. Old terrace of the Guasima pinches out towards the West and remains a narrow terrace on the East. Old abandoned finca bldgs to the East including red tank from a Texaco truck on top of Structure 12. Large limestone angular stone driveway from hills to the south and the quebrada. Quebrada is now running with some water. Architecture is fairly well preserved. 6, 7, 8, 10 are not very well defined. Rooms of 6-10 looks Pre-Classical while remainder look to be remains of Late Classic groups. Dark brown soil (rain/last night) the night before heavily. Fluvial terrace area off of ~~the~~ <sup>the</sup> quebrada. ~~Structure 12~~ 40 m to do N of camp, more water today. D.

Site 415



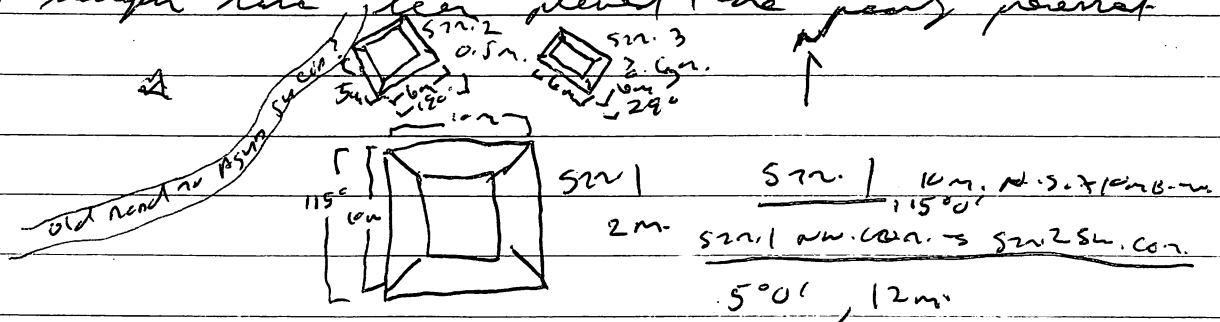
Point	#	Distance
ST1 NE	1 $343^\circ$	14.33
ST1 SE	2 $288^\circ$	8.19
ST1 SW	3 $285^\circ$	19.85
ST2 NW COR ( <del>corner</del> )	4 $271^\circ 30'$	4.97
ST2 <del>NW</del> corner front (turning)	5 $255^\circ$	4.40
ST2 <del>SW</del> corner (turning)	6 $245^\circ$	5.15
ST2 SE (turning)	7 $193^\circ 30'$	3.99
ST2 SW corner	8 $226^\circ$	11.20m
ST2 NE corner	9 $134^\circ$	3.82m
ST3 NW corner	10 $130^\circ$	5.78m
ST3 NE corner	11 $114^\circ$	10.34m
ST3 SE corner	12 $138^\circ 30'$	12.70m
ST4 SW corner	1 $134^\circ 30'$	15.83m
ST4 NW corner	2 $114^\circ$	13.10m.
ST4 NE corner	3 $108^\circ$	18.64m.
ST5 SW corner	4 $74^\circ$	16.30m.
ST5 SE corner	5 $82^\circ$	22.95m
edge of ST5 NW corner gravel area	6 $53^\circ$	21.90m.

Point	°	Distance
SE corner ST6	7 ✓ 29°	18.35m
SW corner ST6	8 ✓ 14°	17.34m
NW corner ST6	9 ✓ 13°	22.97m.
turning pt. 1	10 ✓ 106°30'	30.30m.
STATION 2 to TP #1	✓ 392°	30.14m.
STATION 2 to TP #2	✓ 178°	30.31m.
ST3 to TP #2	✓ 2°30'	29.91m.
Structure 7 NW corner	1 ✓ 23°	19.51m
Structure 7 SW corner	2 ✓ 25°	13.58m.
Structure 7 SE corner	+ 3 ✓ 55°	14.60m.
Rock Concentration 1	4 ✓ 136°	10.56m. 4m diameter
Structure 8 Rock Concentration 2	5 ✓ 207°	24.15m. 4m diameter

Site 172 - Campo Alegre - eventually wiped out by  
 major earth - moving activities which have obliterated  
 all of the stone masonry for 1 low platform (ca. 0.1m) on  
 the eastern edge of the site. Site 172 is ca 275m  
 east of Site 415 in the midst of modern cattle  
 buildings covered now in low, dense green  
 grass + artificial vegetation. 172A/C1 - general  
 surface of the earth + rock piles. Site sits east on  
 a low (ca. 1m high) strip of flat land  
 extending N. from the hill + rolling terrain to  
 the S. I stream to be an eastward  
 extension of the more terrace that supports  
Site 415. The land to the N, as on the same with  
Site 415, is elevated flat, rising ca. 65m to the  
 N. is a rising low (ca. 3m high) hill. Could be  
 that this low, flat land was left as a shield

stream channel. Construction - medium to large & water, including some ~~limestone~~ + granite (?) clay with iron cobbles, some more & others than cobbles

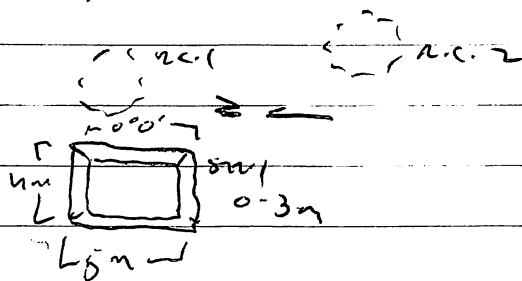
Site <sup>204</sup> ~~206~~ (partially, site 204) - located on flat, recently plowed terracing immediately west of the fence de pears which runs 40m or 125m to the east. Soil looks dark brown + deep (recent leaving - at least the last 2 nights). The <sup>main</sup> road to ~~the~~ Agua Fria is 175m to the west + the intervening terrain is rolling + plowed + planted in corn + squash. Same soil type. Cultivated fields. The Quebrada - Agua Fria is ca. 225m to the west against the western hill defining the rolling margin. Limestone outcropping from the fence de pears + the western hill. Good str. + asphalt underlying - seems to still be from Rosenthal's land. Construction consists of 4 limestone, medium size, paving. Looks like what I recorded at site 204 except that the latter was in very high grass in 1975 when it was recorded. Agua Fria is ca. 300m to the S. the margin here has been plowed + is poorly vegetated



Gas leak collected - for w/ SN. 2 5m W-S, 6m E-W 190°  
 surface look like Chamis (red. SN. 2 NW corner to SN. 3 W. SW  
 to Chamis 7m, 50°.  
 SN. 3 - 6x6m, 29°

Site 416 - located ca. 140m SW. of site 204 in the  
 same field, same ground cover (~~very~~ <sup>more</sup> neither site has been  
 planted yet), terracing, and no path. Only ca. 75m  
 west of the loma de pecaria and 25-3 275m east of  
 the road # 325m of the *Agave* *peruviana* *guthriei*.  
 The W. - west corner of *Agave* *peruviana* lies ca. 70m to  
 the S. No more than a rock + eroded concentrated,  
 leveled by plowing, ca. 14m in diameter, the number of  
 eroded - like *Clusia* in situ (including *Clusia* *peruviana*)  
 noted on the surface. The scattered stones are  
 of various medium sized & limestone pieces present - the  
 soil here seems to have been formed over  
 limestone base. 416/101 - Impre collector.

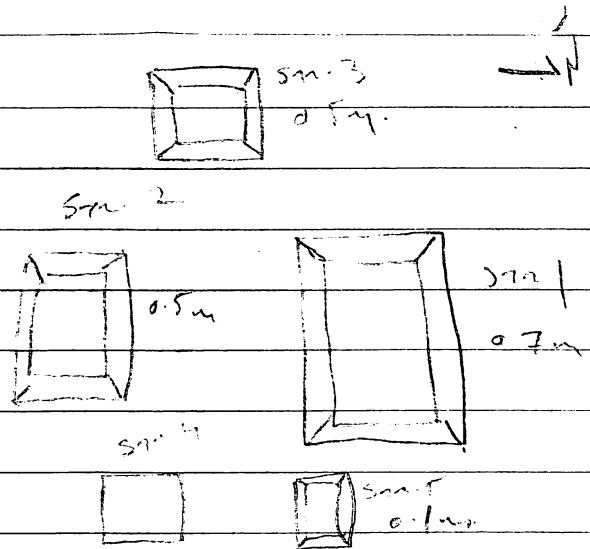
Site 417 - ca. 225m N of sites 204 + 416,  
 175m west of the loma de pecaria and 300m east of  
 the current *Agave* *peruviana* road + 5 hills. Covered in  
 low, dense grass, ~~at~~ <sup>good</sup> st. poor eroded  
 visibility. Road slopes down gradually to the  
 east to the loma de pecaria but is very flat.  
 Cattle pasture. The field has been plowed  
 resulting in the destruction of 2 of the 3 buildings +  
 disturbing the cultures of the single remaining  
 platform. These found small (mostly) to medium  
 & limestone, low rubble.



520'1" 4'5" 0'0"  
 520'1" 58'00" - Center A.C. 1 =  
 348'0", 5m; 32 diam  
 Center A.C. 2 = Center A.C. 1 =  
 251'0", 14m; 4.5m diam.

Site 203 - S. + central groups are still standing;  
 though the eastern str. has been leveled on the  
 summit, a sec. 3m character, 0.5-1m deep hole into  
 earth + cobble fill with rare artifacts. S. le  
 10 pp. reg. to go. Cattle pasture, low, dense  
 grass. 203A/10 - per the location put in the  
 E. str. of the middle group up the lge. platform +  
 general surface. The two large square pits are  
 loc. ca. 150m to the east and cattle buildings are on  
 the next field, ca. 70m to the NE. I think sites 203 + 204  
 are near plant on the north map - they were too far  
 W. on that map. Electric lines run right over the middle  
 group up lge. platform.

Site 400



# SITE 418

Point	Angle	Distance
1/SE CORNER ST 1 ✓	73°	9.85
2/NE " ST 1 ✓	49°	15.05
3/SW " ST 1 ✓	30°	5.15
4/NE " ST 3 ✓	330°	5.30
5/NW " ST 3 ✓	327°	9.55
6/SW " ST 3 ✓	292°	9.05
7/NW " ST 2	23° 30'	3.45
8/SW " ST 2 (Bq 6/12/1997)	35°	7.86
9/SE " ST 2	<del>330</del> 30° 30'	9.63
10/SW " ST 4	110°	11.14
11/SE " ST 4	116°	13.47
12/NE " ST 4	106° 30'	13.73
13/SE " ST 5	100° 30'	15.93
14/NE " ST 5	85°	16.46
15/NW " ST 5 APPROX	80°	19.62

check for opposite readings

Site w/ 5 structure / low to medium scrub grass structure  
 visibility is fair to good / artifact visibility / poor  
 field used for grazing / not plowed, sites well  
 preserved. No surface collection made.  
 Hill rise to the west 150 meters / structures  
 are made of medium to ~~low~~ small angular stones,  
 limestone. Relatively flat terrain, dark brown soil (probably  
 recent rain for the last 2 nights).

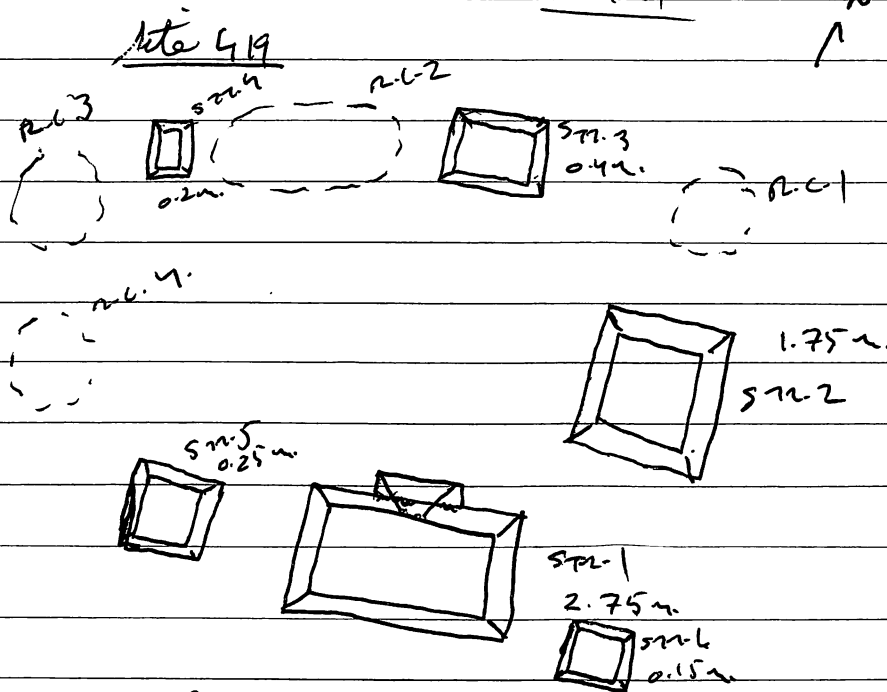
It is noted that all of the area on the WSW side of  
 the valley has been cleared and a lot of it plowed -  
 into preservation in small - after the lower structures are  
 plowed while the taller ones are left. Some areas are  
 planted in grain, soy, high, commercial cultivation - not  
 weeded, not any of them. Some recent rain even all of the



Sept. 11, 419

land from Congo village to Ayra Guia export area  
large field on the N. between the current road from  
de ferior, road Ayra Guia where sites 204+416 are  
located. This belongs to a peasant Coop which  
is growing corn + watermelon. The engineer who oversees  
the farm is friendly + cooperative.

7/3/71



has rubble wall  
in construction.

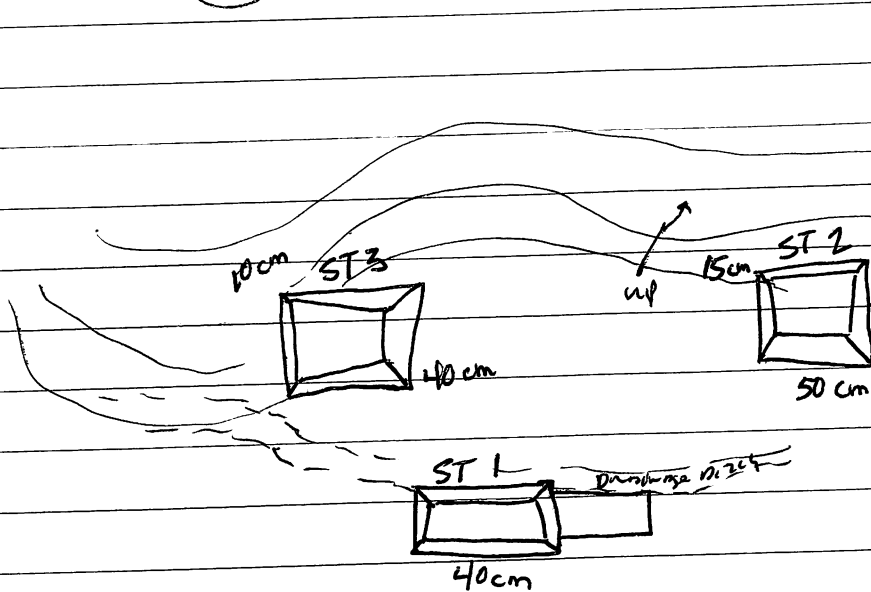
located in 150m west <sup>SW</sup> of site 418, right up against  
the western hill in low, dense grass or level terrain  
cattle pasture; good str.; poor outcrop visibility.

The hill rise is ca. 45m or 35m west of the site, the  
ground slopes very gradually down to the east  
away from these mounds. Dark brown soil (reused  
again last night). Limestone outcroppings from the  
western hill. water source? One well w/ pump SW  
of site 418. Site is a small well-shaded clearing  
back into the western hill. Platforms are  
spread out large to medium & limestone. Took lots  
several small str. have been placed resulting  
in R.C. 1-7 while the larger buildings have been  
left alone. R.C. 1 is large for such a remote site -  
part of a palace not here - eff. sites 203+204 - ?

lot 419, lot 418, delay to pour concrete

point	°	Distance
1) SW CORNER ST1	205°	17.50
2) NW " ST1	221°30'	10.98
3) SW " ST1 STAIR	212°	9.11
4) NW " ST1 STAIR	221°	6.92
5) NE " ST1 STAIR	158°	4.76
6) NE " ST1	141°	9.09
7) NW " ST6	135°	15.42
8) SW " ST6	144°30'	18.36
9) SE " ST6	132°30'	24.33
10) SW " ST2	123°	12.73
11) NW " ST2	86°	11.71
12) NE " ST2	88°30'	19.89
13) center RC-1	65°30'	18.24 4 meter diam.
14) SE CORNER ST3	<del>200</del> 35°	6.82
15) NE CORNER ST3	28°	11.21
16) NW " ST3	7°30'	11.74
17) RC 2 E point	330°	9.34
18) " " N "	310°	14.20
19) " " S "	292°30'	11.96
20) " " W "	290°	18.03
21) <del>NE</del> CORNER ST4	285°	19.83
22) SE " ST4	276°	18.18
23) SW " ST4	275°	21.30
24) RC 3 center	265°	27.08 diam. 5 meter
25) NW " ST5	250°	16.27
26) SW " ST5	230°30'	18.83
27) NE " ST5	244°	12.34
28) RC 4 center	250°	33.40 diameter 6 meters

Site 420



limestone + rare marble  
 & stone is construction.  
 Detail may have damaged  
 the su. cover of St. 3.

POINT	A	Distance
1. Smt. NB. cn. proj. + arch.	186°00'	5.4m
2. Smt. SB. " " "	184°00'	8.12m
3. Smt. / proj. jct. S.	204°00'	8.62m
4. Smt. SB.	204°00'	10.84m
5. " NB. ± + arch	218°00'	6.71m
6. " NW. cn. Proj. ±	226°00'	10.90m
7. Smt. SW. cn.	19°00'	3.91m
8. " NW. cn.	0°00'	7.45m
9. " NB. cn.	15°00'	10.03m
10. Smt. 3, SB. cn.	259°00'	10.20m
11. " SW. "	261°00'	15.06m
12. " NB. "	280°00'	12.03m

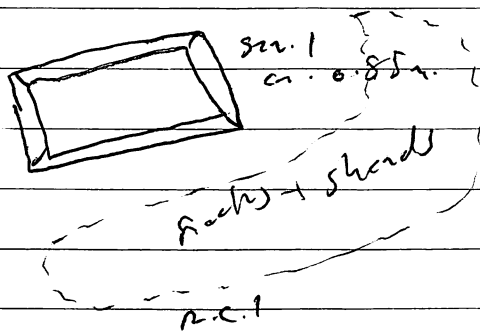
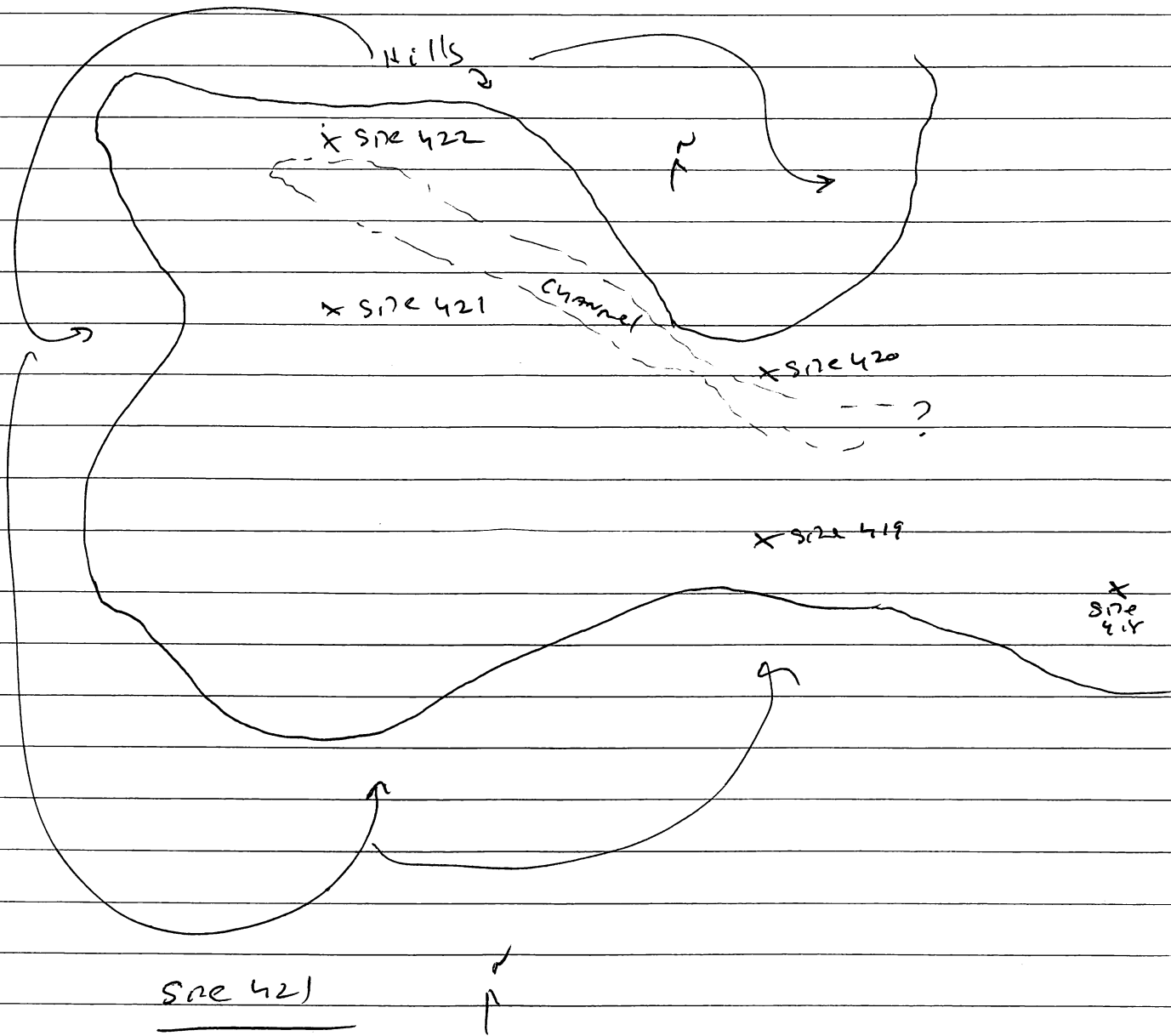
the form + height on the way are approximate. The platform are fired up & limestone + rubble rock, medium in size. Soil is dark brown to black - it has rained for the last several nights. Belongs to June Remitted. No sign of plowing or other disturbance. It extends west to the N.W. toward the hills - the site itself is built right into the first ascent to the N. hill.

The aforementioned run-off is only ca. 5m across N.-S. - it seems to start ca 50m N.W. of Site 421 so it is a relatively short run-off owing to the narrow space between the hills.

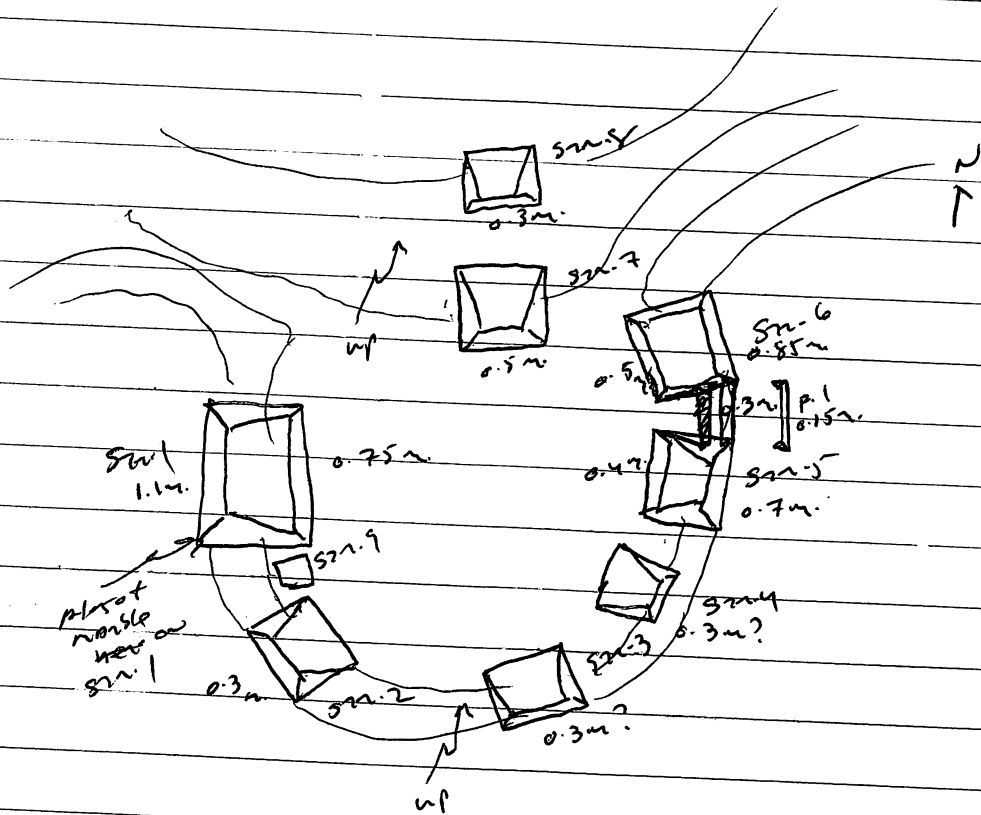
Site 421 - located ca. 175m N.W. into the emb. d. run from Site 419 within an area of fairly level terrain surrounded on all sides by relatively steep hills. The site is on the edge of a ca. 1.5m deep into the aforementioned run-off arena which, directly to the N. ca. 75m. Site 422 would be visible if not for the dense vegetation over Site 422. Both Site 422 + 421 are on low rise immediately adjacent to the channel. Site 424 is covered in low, dense scrub

green, good str. c. to outcrop  
visibility. The down up  
surrounding field has been extensively plowed so while  
4 miles, fairly large platform remains the area  
E. + S. of the str. is littered with artifacts +  
former (apparently) construction stone for the  
platform + in the concentration - medium (mostly) to  
small & limestone + rubble rock fragments. The  
soil is a dark brown, like that noted at Sites  
418-422, the soil fired up limestone bedrock.  
Limestone is very outcropping in the surrounding hills.

Site 421 belongs to same parent - in cattle pasture  
now. Relatively flat terrain rising <sup>gradually</sup> toward the gravelly  
hills. 9th field immediately w. of site 421, ca 150m  
distant, is currently planted in corn ca. 0.2m high.



Site 422



located ca. 75m N/NW + across a shallow (ca. 1.5m deep), broad (ca. 60m across) depression for site 421 on land which rises gradually to the N. towards the extension of hillside that borders site # 420 on the N. The site 422 sits atop a low (ca. 0.3m high) rise extending south for the hillside towards the aforementioned depression + site 421. The dip represents sites 422 + 421 may be the shallow remnants of a now-dry gulch which runs E/SW. between sites 419 + 420 though it was not clearly visible in the latter area. It is clear that this channel has carried water up there in recent years. Site 421 is covered with high, dense thorn scrub, the path is clear as a trail runs to it but the structure is enveloped in vegetation which is high, thick and - its visibility is poor, subject visibility is close to non-existent. Not used for much now.

Size 421

421 R101 - General survey prepared for the destroyed rock station (rock + star with metal marker).

point

4

Distance

1/ NW corner ST 1	284°	11.32 meters
2/ SW " "	385° 335°?	2.40
3/ SE " "	11°	7.30
4/ Birt on perimeter of rock concn. 1	27°	18.60
5/ " " "	40°	24.75
6/ " " "	49°	13.70
7/ " " "	78°	8.31
8/ " " "	100°	16.79
9/ " " "	127°	19.05
10/ " " "	137°	6.22
11/ " " "	179° 30'	8.46
12/ " " "	171°	13.82
13/ Center rock conc. #2	205°	14.07 (4 meter diam.)

file 422

1/ SE CORNER ST 4	233°	5.58
2/ SE " ST 3	<del>885°</del> 244°	8.56
3/ NE " ST 4	244°	3.19
4/ NW " ST 4	283°	6.60
5/ SE " ST 5	332° 30'	4.15
6/ SEND Feature - STND	2°	12.63
7/ N " " 1	1°	18.94
8/ STATION 1 to TP1	358°	14.14
9/ STATION 2 to TP1	68° 30'	14.81
10/ NE CORNER ST 5	67°	11.05
11/ SE " ST 6	<del>60°</del> 61°	12.02
12/ NW " ST 5	74°	8.02
13/ SW " ST 6	65°	5.86
14/ NW " ST 6	30°	9 meters
15/ NE " ST 2	255°	5.99
16/ NW " ST 2	299°	10.32
17/ SW " ST 2	230° 30'	10.94

Numbering is off

Site 422

point	distance
1) SW CORNER ST1	14.59
2) NE " ST1	10.00
3) SE " ST1	6.90
4) STATION 2 to STATION 3	"
5) NW CORNER ST3	12.12
6) NE " ST3	12.74
7) SE " ST9	10.93
8) NE " ST9	8.62
9) NW " ST9	8.11
10) SE " apex ST7	11.90
11) SE CORNER meter further east from point)	
12) SW " ST7	10.60
13) NW " ST7	13.26
14) STATION 3 to TP2	10.15
15) STATION 4 to TP2	7.15
16) SW CORNER ST8	8.66
17) NW " ST8	10.73
18) NE CORNER ST8	13.41

$137^\circ$   
 $129^\circ$   
 $141^\circ$   
 $140^\circ$   
 $160^\circ$

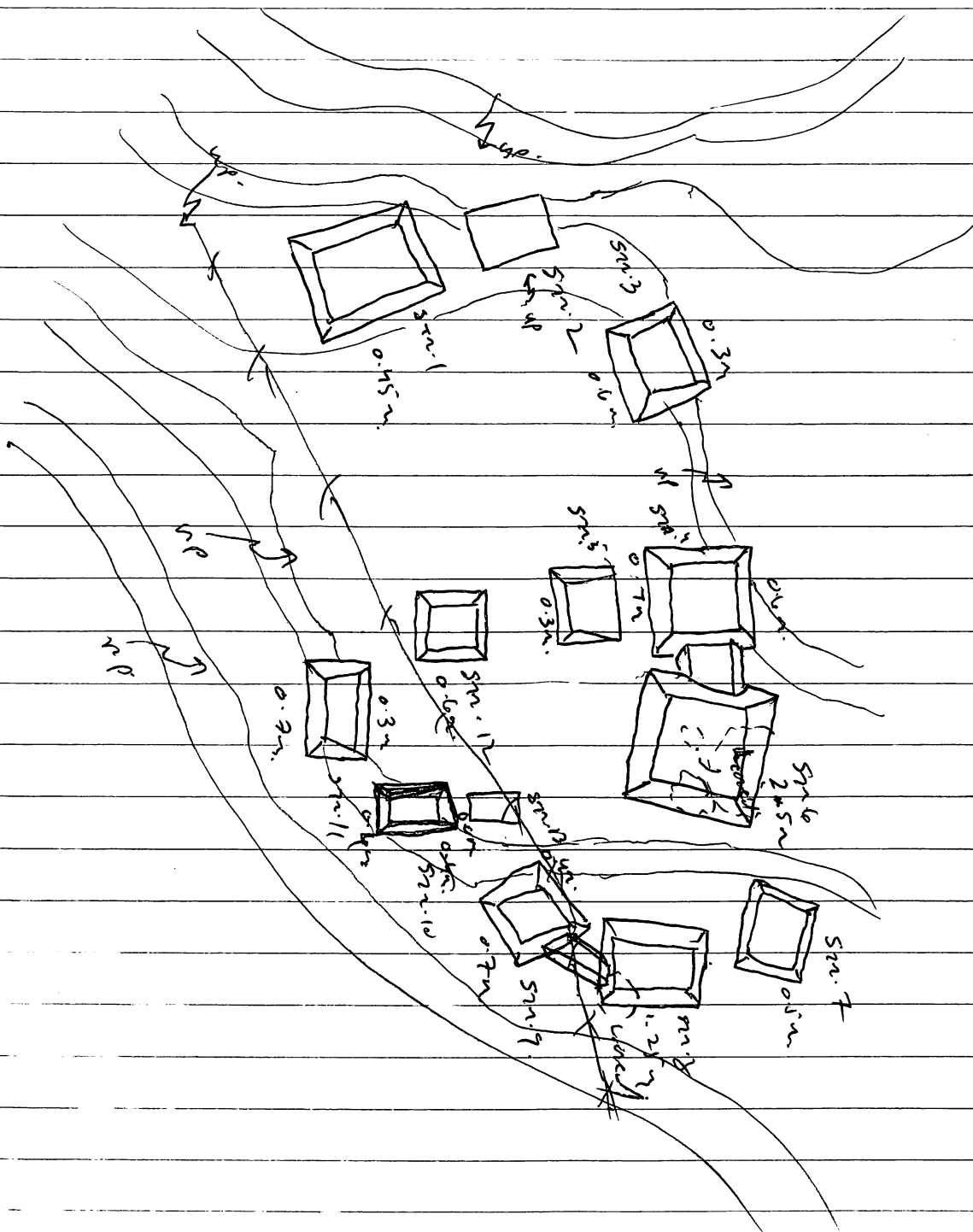


Site 423

located ca. 350m east of & across the current Lyman fence road from Site 418 + 419. Separately, Sites 418/419 + 423, a very grassy, broad, (ca. 100m across E.-W.), linear (SW-NE), shallow (ca. 1.5m deep) depression about 100m to the west of the remains of a now-dry gulch, but perhaps by the channel separating Sites 421 + 422 further W. Covered in low, very dense grass, good to o.k. thr. visibility (Cov. bldgs. would be hard to locate), poor artificial visibility except in a few areas of open ground where there are the site. Arrived pasture in one the surrounding fields, 12 fields east of the road ca. 400m SW of the cattle shed between Canyon ~~Shed~~ <sup>Shed</sup> & the shed by Site 2-3. The site site is a collige terrain with a few raised eminences, ca. 0.4-0.8m high interspersed among lower areas. The site site here seem to sit on these eminences & that is where the buried remains concentrating. In fact, the pattern here seem to be site concentrated on elevated land against against the hill and on low rise east of these eminences. 12 str. (at least) not preserved though the 6 has been extremely deteriorated N.E. under - part about all of the N. flank, NW + NE. corner no gone. thr. are found up meadow & livestock & rubble rocks. The 6 is one of the largest bldgs. in the area, again - the site on this is SW. only larger near to contain at least 100000 str. each. are one starting up 1/2 ft. look like another group on a miles eminence ca. 75m to the NE. all covered by fine pebbles.

423A/C1 - Several surfaces.

Site 423 - Thompson



Site 423

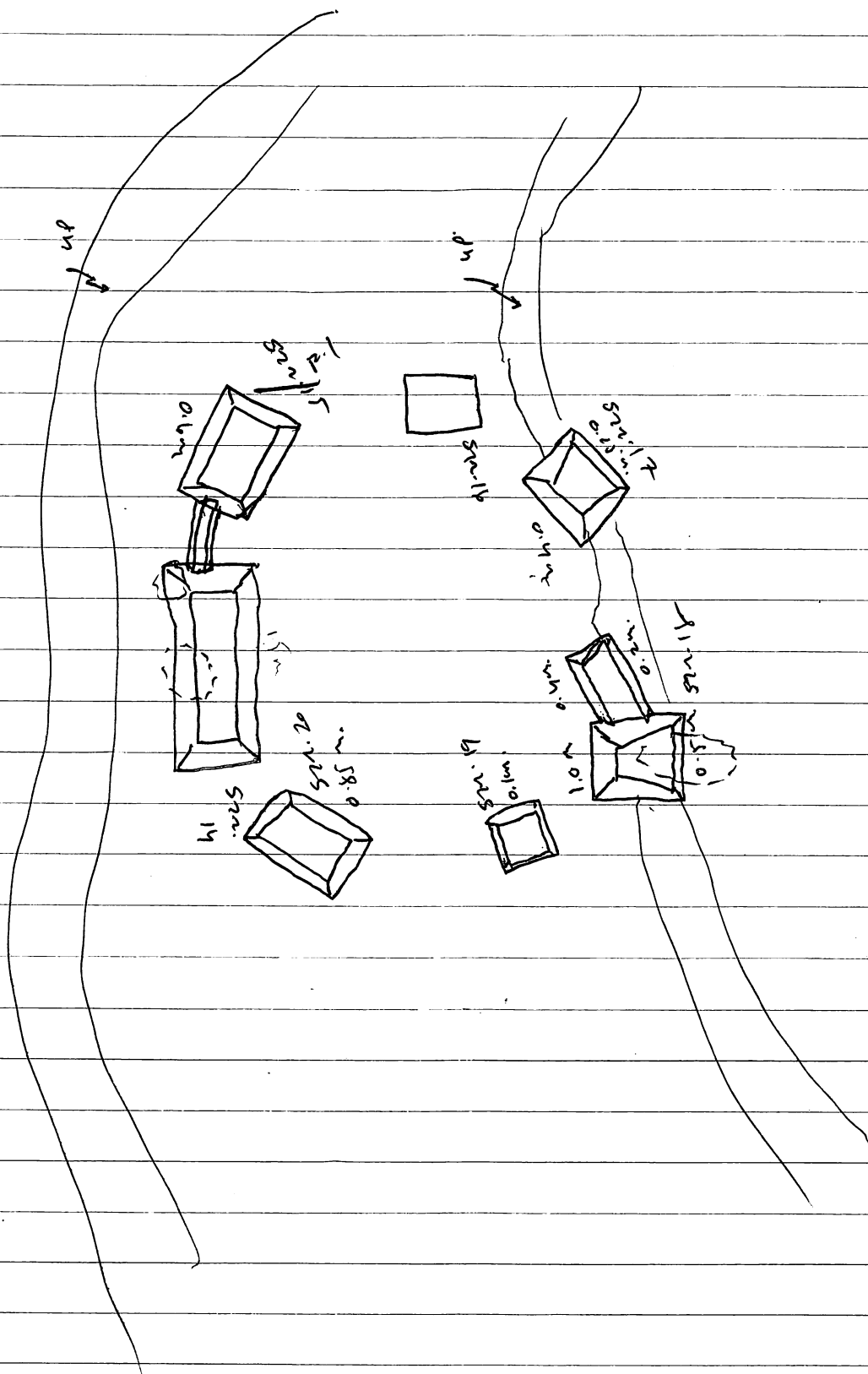
There is at least one cut limestone block  
near NW cor. ST. 3 in GZ.

Point	°	Distance
1/ SW cor. ST 1	1 226° 0'	24.28 meters
2/ SE " "	2 226°	19.10
3/ NE " "	3 243°	17.89
4/ SE " ST 2	4 246°	24.06
5/ SW " "	5 244°	28.40
6/ NE " "	6 254°	26.47
7/ SW " ST 3	7 259°	20.40
8/ NW " "	8 268°	23.53
9/ NE " "	9 281°	21.92
10/ SW " ST 4	10 306°	9.85
11/ NN " "	11 322°	12.81
12/ NE " "	12 349° 30'	12.44
13/ Jct. saddle ST4 North	13 356°	10.20
14/ Jct. saddle ST6 North	14 23°	10.24
15/ NW cor. ST 6	15 22° 30'	13.75
16/ Jct. saddle ST6 South	16 44°	6.47
17/ SW cor. ST 6	17 61°	5.40
18/ SE cor. ST 6	18 80°	16.06
19/ NE " ST 5	19 340°	1.78
20/ NW " "	20 310°	5.52
21/ SW " "	21 280° (180°?)	5.82
22/ NW " ST 12	22 220°	7.87
23/ NE " "	23 202°	3.53
24/ SW " "	24 199°	11.60
25/ NW " ST 11	25 175°	20.57
26/ SW " "	26 178°	25.40
27/ NE " "	27 163°	21.58
28/ NW " ST 10	28 154°	21.62
29/ NE " "	29 142°	19.42
30/ SE " "	30 138°	23.70

# SITE 423

POINT	4	DISTANCE
31/ SW cor. ST 13	13 $136^{\circ}$	17.95 meters
32/ SE " "	14 $128^{\circ}$	20.58
33/ NW " "	15 $120^{\circ}$	14.68
34/ Station #1 to Station #2	16 $74^{\circ}$	21.25
35/ SW cor. ST 9	1 $162^{\circ}$	9.36
36/ SE " "	2 $144^{\circ}$	14.32
37/ NE " "	3 $122^{\circ}$	11.90
38/ SW " ST 8	4 $106^{\circ}$	4.80
39/ NW " "	5 $26^{\circ}$	7.53
40/ NE " "	6 $39^{\circ}$	13.10
41/ SE " ST 7	7 $19^{\circ}$	12.21
42/ NE " "	8 $12^{\circ}$	15.45
43/ NW " "	9 $350^{\circ}$	15.25
44/ STATION 2 to TPI	10 $22^{\circ}$	29.62
45/ STATION 3 to TPI	2 $12^{\circ}$	30.16
<del>46/ STATION 3 to TP2</del>		
46/ STATION 3 to TP2	30 $^{\circ}$	30.20
47/ STATION 4 to TP2	203 $^{\circ} 30'$	30.32
48/ NE CORNER ST 20	1 93 $^{\circ} 30'$	93 19.43
49/ SE " ST 20	2 105 $^{\circ}$	23.53
50/ NW " ST 20	3 104 $^{\circ}$	19.63
51/ NE " ST 14	4 101 $^{\circ}$	9.80
52/ NW " ST 14	5 180 $^{\circ}$	3.72
53/ SW " ST 14	6 174 $^{\circ}$	12.26
54/ JUNCTION SADDLE ST 14 South	7 180 $^{\circ}$	9.67
55/ " " ST 15 South	8 195 $^{\circ} 30'$	11.25
56/ " " ST 15 NORTH	9 199 $^{\circ}$	8.66
57/ ST 15 NE CORNER	10 205 $^{\circ} 30'$	7.87
58/ ST 15 NW "	11 235 $^{\circ}$	11.04
59/ ST 15 SW "	12 232 $^{\circ}$	14.88
60/ <del>ENTER ROAD CONCERN #2 do</del>		<del>8.92</del>

Site 423 Group II



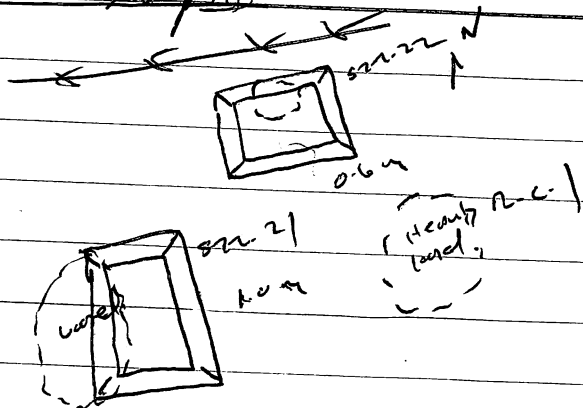
Point	Angle	Distance
61/ SEND Feature	13 $232^{\circ} 30'$	14.40
62/ N " "	17 $241^{\circ} 30'$	14.03
63/ S E CORNER ST16	15 $249^{\circ}$	11.49
64 SW " ST16	14 $255^{\circ}$	14.12
65/ NW " ST16	17 $264^{\circ}$	14.40
66/ SW " ST17	18 $276^{\circ}$	14.34
67/ SE " ST17	15 $272^{\circ}$	9.38
68/ NE " ST17	20 $305^{\circ}$	10.38
69/ Projection SW ST18	21 $332^{\circ}$	8.47
70/ " NW ST18	22 $335^{\circ} 30'$	12.50
71/ junction Projection ST18	23 $10^{\circ} 30'$	8.84
72/ SW CORNER ST18	24 $15^{\circ}$	7.42
73/ SE CORNER ST18	25 $46^{\circ}$	8.82
74/ NE " ST18	24 $15.39^{\circ}$ $\leftarrow 40^{\circ} 30'$	
75/ NW " Aprox ST19	27 $45.86^{\circ}$	16.86
76/ NE " Aprox ST19	27 $62^{\circ}$	19.76
77/ SE CORNER ST19	27 $70^{\circ}$	19.76
78/ STATION 4 to TP3	30 $44^{\circ}$	30.32
79/ STATION 5 to TP3	31 $187^{\circ}$	30.12

### Different group long. III.

80/ ST21 SE CORNER	1 $0^{\circ}$	11.35
81/ ST21 NE "	2 $359^{\circ}$	16.92
82/ ST21 NW " Aprox	3 $343^{\circ}$	19.08
83/ ST22 SW " Aprox	4 $345^{\circ}$	24.42
84/ ST22 NW " Aprox	5 $345^{\circ}$	28.76
85/ ST22 SE "	6 $355^{\circ} 30'$	29.08
86/ RCL center	7 $17^{\circ}$	23.12
87/ Center Rock Conc. #2	8 $218^{\circ}$	8.90
to NW cor ST. 22		

7 meters diameter  
4 meters diam.

Site 423 - Group III

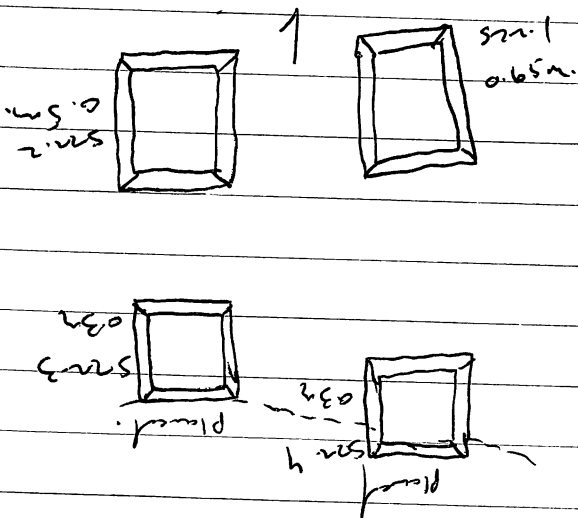


Group I - III are all in the same field. The vegetation gets denser - high to medium dense scrub, on one level n. so that it is hard to recognize the n. Group I. In the last 2 cases, str. visibility is poor and outpost visibility is poor except in the back of the tested str. Group II has been tested n - str. 14 + 18, but Group III has been severely damaged by lecter's pits - all 3 bldgs. were hit. The plow is in this field on, generally prewar water in good except (now) for the lecter. Tomatoes + marbles reach, making - the small one used to face bldgs. + a few small limestone blocks were noted on the surface of Group I in addition to one exposed in situ near the tested n. w. corner of the 6. Site 423 looks like a large remnant of Site 203. The ground runs gradually towards the n. so that Group III. the furthest n. of Site 3 - it there are no more small enclosures noted but all w. last ground.

Site 424 - located in newly plowed level terrain ca. 185m east of Site 423, Group I and 120m SW of Site 423, Group II. Next field east of the field containing Site 423. It contains that there are belongs to pine forested. All must be into the

Site 424

land has been cleared - plowed for maize corn (just  
poking through) and it seems to be the N. continuation of  
Alaca from land situated N. of the lava de Pearce & N.  
of the highway. Soil is dark brown & pre-structured  
(remained the past 3 nights at least). The site itself  
is covered w/ low dense grass, recently burnt but the  
grass is starting to ~~come~~ <sup>come</sup> up again (ca. 0.2m high). Good  
str., ok artifact visibility. Four str. faced w/ mud to  
siding (± equal <sup>thick</sup> ~~thick~~ <sup>thick</sup> ~~thick~~) & lintels rather arranged around  
a patio. Despite the inherent plowing the str.  
look to be well-preserved. Some rubble & stone are  
in well. The looking of no crop of corn here per year,  
if there is sufficient rain, some plant the corn for ca.

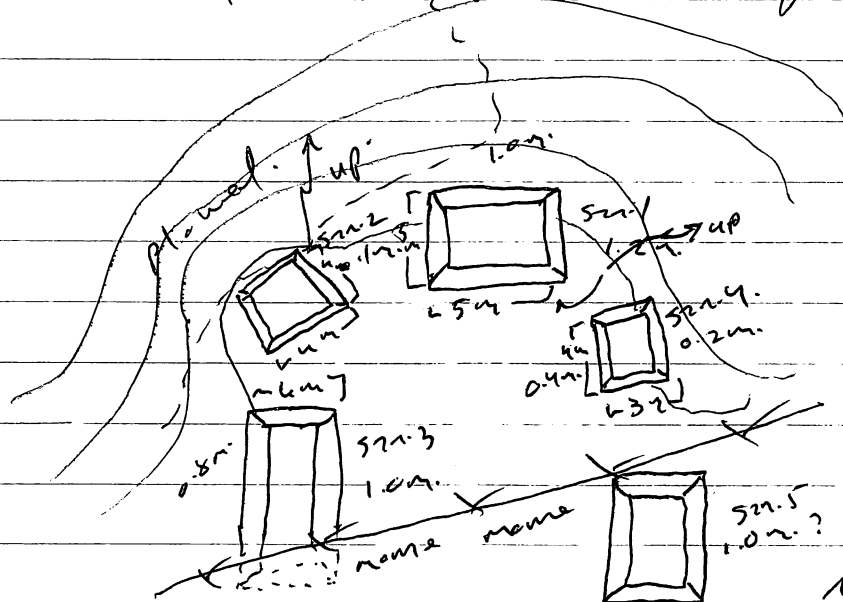


2 years before visiting the soil  
(based on the informant's  
knowledge of how the same land  
clear to the road is used). The  
site belongs to the the same  
present crop. - the land closer  
to the road belongs to Glac.

Site 425 - located on fairly level terrain at  
the E. end of the lava de Pearce near the latter's  
N. end where it starts to drop down. The land  
all around the site is plowed & planted in maize,  
continuation on the S. of the same <sup>large</sup> field that contains  
Site 424 which is ca. 300m to the N or the west field  
margin. The soil is fine and dark brown, not  
gravelly, some water noted around Site 424. Corn is  
ca. 0.1m high over rest of the field. The str. are  
sporadically planted but not plowed, covered w/



low, dense green on the N. + across the fence  
 high, dense, densely parallel green. ~~the~~ Road  
 str., o.k. artificial visibility on the N. pier to land  
 for both of the S. look like the directly line  
 between the pier + the land. The ground along  
 up gradually w. toward the land of fence.  
 flat ~~up~~ - two densely vegetated on the S. +  
 two for away in general. Recorded by notes +  
 sketch myself. ~~the~~ faced with niches of limestone  
 + marble niches. at least 1 cut + faced limestone block  
 noted along the!



the new the  
 5 m separate  
 the small platform  
 It seems that  
 the site is only  
 near to the S. of  
 the fence  
 the near to  
 the fairly well  
 preserved - the lecting

POINT

#

DISTANCE

1/

2/

3/

4/

# SITE 424

~~DEFINITIONS~~

POINT	±	DISTANCE
1/ NW cor. ST. 1	48°	5.19 meters
2/ NE " "	40°	9.76
3/ SW " "	94°	8.94
4/ NE " ST 2	310°	4.73
5/ NW " "	291°	9.27
6/ SE " "	238°	4.03
7/ NW " ST 3	208°	11.00
8/ SW " "	202°	13.28
9/ SE ± " "	182°	12.04
10/ NE ± " ST 4	133°	12.68
11/ SE ± " "	136°	15.46
12/ NW ± " "	151°	12.96



has yielded a large surface collection of the  
remains of a very large deep trough of ca. 0.5 m  
in diameter. Today, however, the only feature of the  
1 (the whole east side was ripped out) and on the  
1, 13, 3. The built-up area is ca. 35 m ca. 30 m to the west,  
immediately W. of the site is a small ditch in the  
built-up area there is a clear line of a quadrilateral  
channel issuing from it. The built-up area is densely overgrown  
by thick scrub. Some remains of the ancient city  
plow, though the fields immediately across the ancient  
area from the road to the east have been plowed & planted  
in grass, fairly tall now. This site is in  
the field immediately west of the ancient city road,  
ca. 25 m N. of the ancient city road between Cayo Blanco &  
site 203.

The site has fairly large platform remains amongst  
the 2 contiguous parts, the largest, most elaborate (i.e.,  
clearest, most numerous projections + radiating) are  
amongst the W. parts, the smaller buildings are on  
the east. The largest site found in this area  
is for. Specimen (mostly / to small & limestone +  
marble (mostly limestone), rather characteristic the  
surface of the platform. In general, despite  
the fact, fairly well preserved - the 2nd stage the  
low-level administrative center for this SW zone?  
Note the clustering of sites in this area - from  
site 203 to 414/424 to 426. A distinct cluster  
with site 424 and, possibly, 423 as center?

# SITE 426

POINT	4	DISTANCE
31/ Jct. Saddle ST6 East	10 <del>60° 0'</del>	15.60 meters
32/ SE cor. ST. 6	11 <del>60°</del>	18.93
33/ NE " ST 7	12 <del>64°</del>	14.98
34/ Jct. Saddle ST. 7 East	13 <del>63°</del>	13.83
35/ NW cor. ST 7	14 <del>47°</del>	6.65
36/ SW " "	15 <del>112°</del>	8.40
37/ Jct. ST 7 and Saddle West	16 <del>104°</del>	12.18
38/ NE cor. ST 8	17 <del>94°</del>	19.91
39/ Jct. saddle ST. 8 East	18 <del>94°</del>	17.60
40/ " " " West	19 <del>109°</del>	13.46
41/ NW cor. ST 8	20 <del>118°</del>	12.10
42/ SW " "	21 <del>132°</del>	15.75
43/ NW cor. ST 10	22 <del>142°</del>	20.24
44/ SW " "	23 <del>146°</del>	22.77
45/ NE " "	24 <del>127°</del>	22.40
46/ Jct. saddle ST 8 South	25 <del>114°</del>	23.88
47/ " " " North	26 <del>109°</del>	23.45
and Station #1 to T.P. #1		<del>17.60</del>
48/ Station 2 to TP 1	✓ 180°	17.60
49/ Jct. saddle to ST 11 North	1 <del>175°</del>	<del>17.55</del> 17.42
50/ SW corner ST 11	2 <del>170°</del>	24.60
51/ SE ± " "	3 <del>154°</del>	24.84
52/ NE " "	4 <del>148°</del>	16.11
53/ NW " ST 12	5 <del>136°</del>	20.00
54/ SW " "	6 <del>139°</del>	23.70
55/ NE " "	7 <del>125°</del>	21.25
56/ SE ± " ST 13	8 <del>119°</del>	17.24
57/ SW " "	9 <del>140°</del>	14.00
58/ NW " "	10 <del>120°</del>	5.77

426 A/1 - Ground surface mostly for the lecture notes.

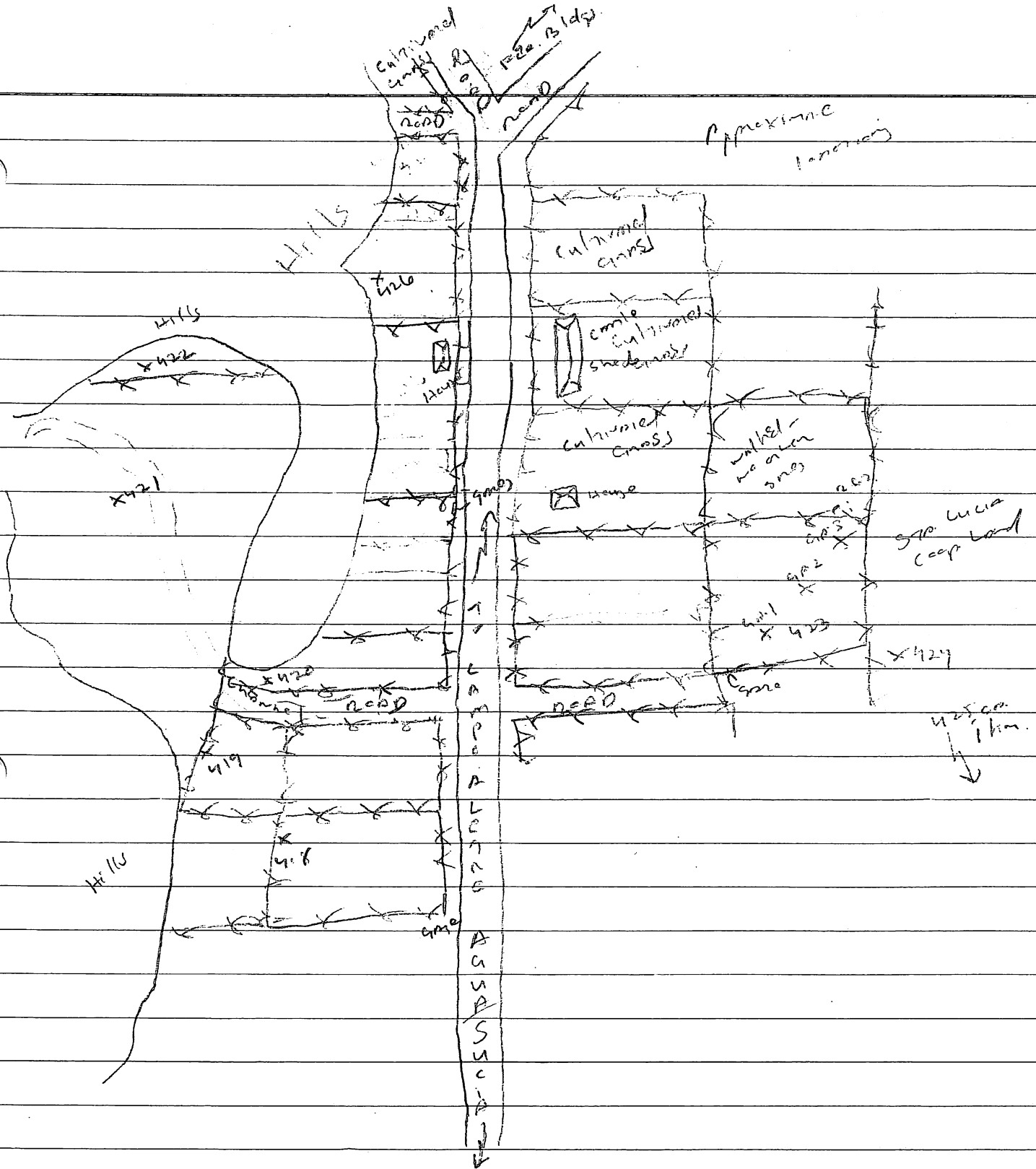
kte 426

Point	°	Distance
1/ SE cor. ST 9	155° 0'	19.86 meters
2/ NE " "	245°	15.21
3/ NW " "	3166°	14.78
4/ SE " ST 1	4182°	9.09
5/ SW " "	5211°	18.85
6/ NW " "	6245° 30'	17.85
7/ Jct. Projection ST. 1 West	7254°	13.68
8/ NW cor. projection	8279°	15.89
9/ NE " "	9298°	12.23
10/ SE cor. ST 2	10296°	15.27
11/ SW " "	11285° 30'	17.50
12/ NW " "	12292°	21.92
13/ SW " ST 4	13308°	25.65
14/ SE " "	14312°	25.14
15/ NE " "	15311° 30'	27.38
16/ NW " ST 3	16314° 30'	20.85
17/ SW " "	17311°	16.95
18/ NE " "	18332°	19.95
19/ Jct. saddle ST. 3 North	19333° 30'	17.77
20/ Jct. saddle ST 3 South	20329° 30'	15.71
21/ Jct. saddle ST 5 South	21336°	14.30
22/ SW cor. ST. 5	2330°	9.97
23/ SE cor. "	213°	10.60
24/ Jct. saddle ST. 5 South	310°	13.03
25/ " " " North	48°	16.99
26/ NE cor. ST 5	59°	19.09
27/ Jct. saddle ST. 6 North	614°	18.13
28/ NE cor. ST 6	723° (13°?)	21.85
29/ SW " "	848°	10.15
30/ Jct. saddle ST 6 West	954°	11.66

SITE 426

	POINT	#	DISTANCE
59/	Sd. Saddle ST 13 West	11 <del>94°</del> <del>122°</del>	6.98 meters
60/	East	12 <del>82°</del>	10.70
61/	ST 14 West	13 <del>80°</del>	7.80
62/	SW corner ST 14	14 <del>82°</del>	6.50
63/	NW " "	15 <del>35°</del>	6.30
64/	NE " "	14 <del>53°</del>	10.18
65/	SE " ST 15	17 <del>344°</del>	15.93
66/	SW " "	18 <del>327°</del>	16.90
67/	NW " "	19 <del>328°</del>	23.09

In general, it appears that sites 203 418-424 426, part of a cluster of which sites 209 + Camp Alegre are within or to the S. + N. respectively. Site 426 seems to be the largest single group in the cluster though maybe I or site 423 or the east is also possible. N, S, + E. of these have the size + elements of sites + their component sites seem to decline. The big question for the moment is 'where is a water source?' I haven't spotted a quebrada yet and the Quarna lies fairly far to the N. the Laguna lies to the S. It seems like a fairly dense aggregate of settlement to support without a ready, year-round water supply.

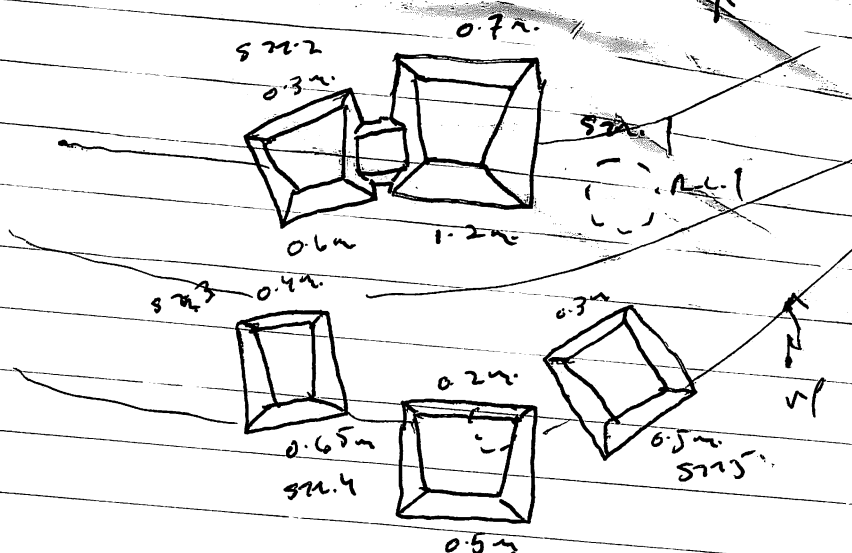




htg 427

hex 5m 1.8427

7-209791

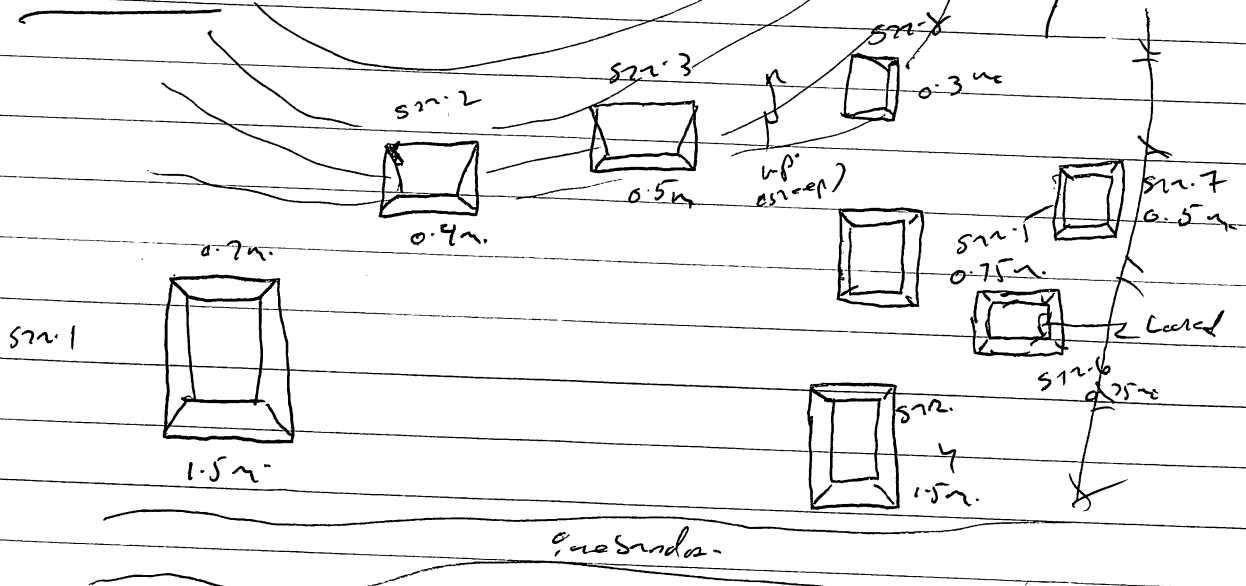


Point		Angle	Distance
1) SE CORNER	ST1	23°	
2) SW "	ST1	314°	5.76
3) Junction Saddle	ST1	319°	4.82
4) " "	ST2	322°	6.58
5) NW CORNER	ST1	329°	7.99
6) SE CORNER	ST2	308°	10.13
7) Junction Saddle	ST2	311°	5.60
8) NE CORNER	ST2	313°	6.87
9) SW "	ST2	286° 30'	8.67
10) NE "	ST3	261°	7.15
11) SE "	ST3	227°	4.27
12) SW "	ST3	241°	6.57
13) NW "	ST4	220° 30'	10.24
14) SW "	ST4	204°	3.22
15) SE "	ST4	186°	6.97
16) SW "	ST5	135°	6.65
17) NW "	ST5	99°	6.85
18) NE "	ST5	93°	4.80
19) W point	RC.1	25° 30'	9.45
20) E "	RC.1	47°	12.21
21) N "	RC.1	37°	13.37
			13.70

## SITE 427

low scrub grass, used for grazing, good site visibility  
 poor artifact visibility, sherds found but discarded.  
 architecture is fair preservation structures are made  
 of angular stones from hills to west, Limestone, marble  
 and ~~shist~~, mostly medium sized. Site 426 is 350m  
 to the South of us. We are 100 meters to the East  
 of the hills. 130 meters SWest of us is a cabecera  
 coming out of the hills. Topography is sloping down  
 gradually from N to South towards the cabecera.  
 site is built on the slope. Field has been plowed.  
 structures were not plowed. Stone has been removed  
 from structures 1 and 4. RC.1 has been plowed  
 through, 30 meters west of current road to  
 Agua Salsio.

## SITE 428



ht 428

Point

X

DISTANCE

1/ ST1 NW CORNER	✓	218°	39.5
2/ ST1 SW CORNER	✓	193°	12.99
3/ ST1 NE CORNER	✓	120°	6.76
4/ ST2 SW CORNER	✓	75°	7.70
5/ ST2 NW CORNER	✓	49°	9.77
6/ ST2 NE CORNER	✓	57°	12.81
7/ STATION 1 to Station 2	✓	95°	21.49
8/ STRUCTURE 3 SW COR	1	314°	8.86
9/ STRUCTURE 3 SE COR	2	350°	9.19
10/ STRUCTURE 3 NE COR	3	348°	13.40
11/ STRUCTURE 4 SW COR	4	151°	11.48
12/ STRUCTURE 4 NW COR	5	138°	7.11
13/ STRUCTURE 4 NE COR	6	108°	13.36
14/ STRUCTURE 5 SW COR	7	78°	6.25
15/ STRUCTURE 5 NW CORNER	8	<del>176</del> 16°	4.96
16/ STRUCTURE 5 NE CORNER/turning pt. 1	9	23°	9.70°
17/ STATION 3 to turning pt. 1	✓	199°	4.23
18/ STRUCTURE 8 SE COR.	1	262°	4.41
19/ STRUCTURE 8 SW COR.	2	278°	5.62
20/ STRUCTURE 8 NE CORNER	3	309°	2.91
21/ STRUCTURE 6 ± SW CORNER	4	134°	1.85°
22/ STRUCTURE 7 SE CORNER	5	105°	5.33
23/ STRUCTURE 6 NW CORNER ±	6	89°	9.87
24/ STRUCTURE 6 NE CORNER ±	7	99°	14.15
25/ STRUCTURE 7 NE CORNER	8	87°	7.73
26/ STRUCTURE 7 SW CORNER	9	48°	4.26

Site 429

is very much common to the -  
black stone of the -

located ca. 125m N. of Site 427 along the line of  
the same w. hill that border Site 427 and into which  
Site 428 - built. The hill, outcropping in limestone,  
ca. 40m to the W., the Laguna de San Rafael, ca.  
55m to the east and the main little bluffs  
near Canyon Alegre, ca. 70m to the N. bordering  
the road. Covered in low, dense scrub grass,  
good str., poor architect visibility. The terrain  
is fairly flat + the field level played. About  
the 2 str. - exposed. Two rock + some evidence  
of outcropping in the west edge of the field  
against the hill which rise sharply  
steeply ca. 45m.

State - Site 428. ca. 225m to the S/SW of  
Site 429, the former, built into a cul. close  
w. hill + cut of + flat land cut into the  
quadrangle + narrow

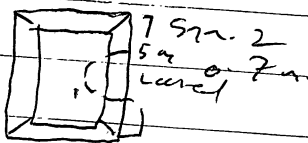
also note. seal on Site 427/428 - dark  
brown + pie (no resin. last 2 days)

S22.1 - 3m N-S x 4m E-W, 14800'

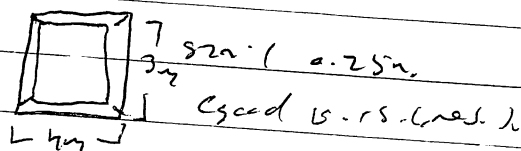
S22.1 - 15m E-W - 5m N-S - 50m E-W

29500', 6m.

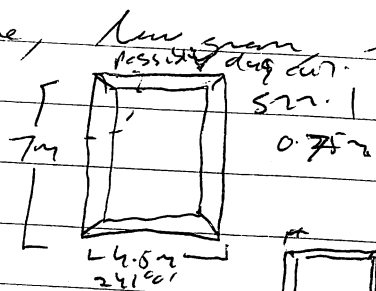
S22.2 - 6m E-W, 5m N-S, 25100', 6m



Construction - 4 limestone  
pieces, making size



Site 430 - located ca 125m east of Site 429,  
 in the field across the <sup>equidistant</sup> road from the field in  
 which Site 429 is located. Site built ca. 1700,  
 to the W. while road from the pea. bldgs. near  
 Canyon Alegre drops the field on the east-west -  
 the site is roughly equidistant between them, ca.  
 50m. Site fls. bldgs. kept fl. to the W., ca.  
 70m distant. Site is located in fairly  
 flat terrain on the edge of a broad, ca. 20m  
 wide, shallow ca. 0.75m deep, linear depression  
 running NW-SE, an old remnant of a former  
 gulch or channel. A concrete tank set into  
 the fence line ca. 40m SW of the site. Enclosed  
 in dense, low grass, cattle pasture, good to ok.

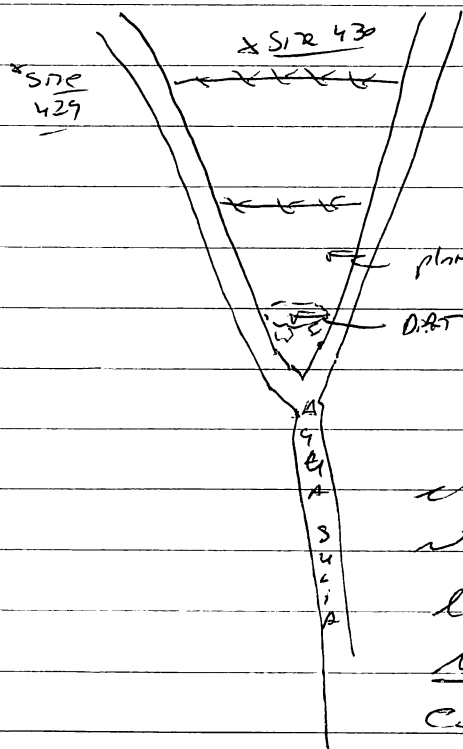


str. 1 str. 2  
 0.75m visibility. Soil dark  
 brown and fine, possibly  
 formed on a limestone  
 base, construction material, medium to large &  
 pieces of limestone and a few pieces of rubble.  
 Both, especially the limestone, are available  
 in the western hills from the both sides  
 back road, no evidence of disturbance, though  
 the lower hills have been dug into the  
 field (for what purposes?) to the NW.

STR. 1 - 7m N-S x 4.5m E-W, 241°  
 STR. 2 - 3m N-S x 2.2m E-W, 242°  
 STR. 2 - 3m + 3m, 242°

Note: the surface collection from Site 429  
 came from the latter's backlot in the field.

Note - at the junction of the 2 sugar cane  
roads coming out of the open fields near Cairns  
along the river several large dirt piles,  
apparently resulting from land flattening for the  
field to the N. Since the W. road goes off before  
(N. of) the apex of the field, it ends in the  
dirt. Immediately W. of this W. road is a heavily  
plowed field planted in moderately high  
grass (not mowed). The dirt could have  
come from a dirt somewhere in this vicinity.



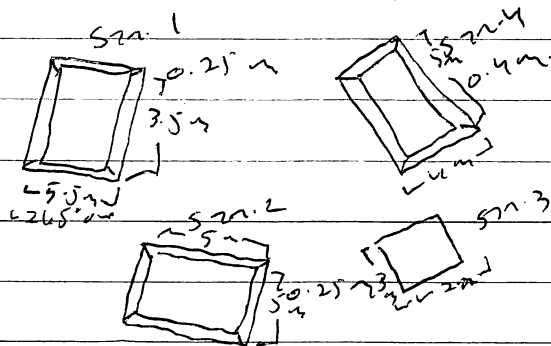
Should look to be like Christie.  
Few/no stones in these dirt  
piles which themselves, O.T.T. or  
high + run linearly E.-W.

Note that a. ca. 3m deep, steep-sided  
channel of a gabarda (dry run),  
at very collar in it was 30m across.  
located running NW-SE ca. 300m E of  
Site 424, could be part of Guerra.  
Ca. 275m W. of Site 423

Site 431 - small ca. 1km. east of the E. sugar  
cane road in the fields N. of Site 423 through  
moderate high dense grass + across the  
characteristic gabarda (Guerra?) channels -  
forest nothing. Could be small water or have  
closed by vegetation, not nothing visible.  
Note that the "Guerra" channel runs from  
E. across the str. line, <sup>ca. 1km</sup> ~~last~~ <sup>where</sup> Site 424  
+ 425 were found in plowed land) where the

channel is ca. 1.5m deep & ca. <sup>5m</sup> across - still no  
cobbles in it.

Site 431 (probably) is located in the center of  
the Santa Maria Esg. field ca. 150m east of  
Site 427 + is sight of it + ca. 700m N of Site 425  
and roughly in sight of it w/ low vegetation. The  
graben channel is ca. 350m to the N. The land  
is flat, plowed + planted in corn which is  
currently ca. 0.3m high. The soil looks dark brown,  
fine + deep, possibly formed on limestone bedrock  
which outcrops in the v. hills + the lower  
the floor is ca. 350m to the S/SW. while the  
str. doesn't seem to have been plowed  
stones have been removed from their surface  
+ the remnants have been holed + planted.  
The visibility is good to excellent as is outcrop  
visibility. Construction: glacial + limestone pieces  
predominate, one well robust fragment as well



S12.1 3.5m N-S, 5.9m E-W,  
265°0'

S12.1 S.E. cor. → S12.2 N.E. cor.  
6m, 12100' ±

S12.2 5 x 5m, 160°0'

S12.2 N.E. cor. → S12.3 W. cor.

5m, 199°0'

S12.3 3m NW-SE, 2m SE-W, 265°0'

S12.3 S.E. cor. → S12.4 S.E. cor.

5m, 174°0'

S12.4 4m SW-NW, 5m  
SE-W, 94°0'

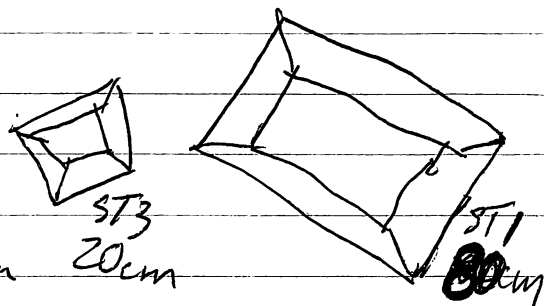
Site 427-430 same Remnants  
land.

htc 431 (cont) - Ca. 90m S. of htr. 1-4 - htr. 5: a  
 single platform ca. 0.5m high in the same vegetation,  
 topography, etc. situation as htr. 1-4. Covered by  
 low dense grass, covered by needles (mostly) the  
 small & limestone pieces. Some stone removed.  
 5m E-W, 4m N-S, oriented 20° 01

## SITE 432

Photo - Inadequate surveying

Measure the distance from htr 432 to  
 Cape Alegre - It's more like 370m than 20cm  
 the htr 432 to C.A. the latter to NW.



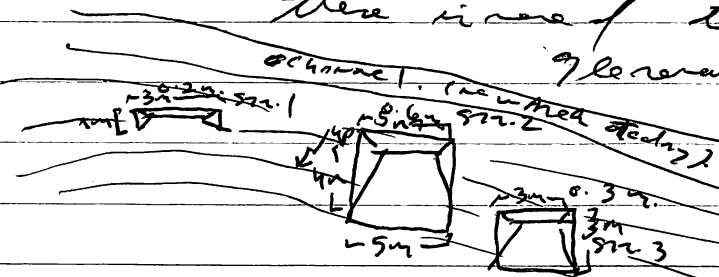
POINT	✕	DISTANCE (m)
SE CORNER ST1	226°	6.25
SW CORNER ST1	240° 30'	9.95
NE CORNER ST1	300°	5.52
NW CORNER ST2	348°	6.97
NE CORNER ST2	19°	6.83
SE CORNER ST2	21°	3.80
NE CORNER ST3	219°	6.80
NW CORNER ST3	220°	9.38
SE CORNER ST3	192°	8.75m.



Ca. 45m west of htr. 1-3: a pile of rock + extinct  
 concentration ca. 6m in diameter. Scattered dark rock  
 between it + the platform. Plants in corr. There is large (mostly  
 north) to needles & limestone, also small & scattered pieces.  
 no collection made



Site 433 - located ca 175m west of Site 432 against  
 the S. face of one of the S. outcrops of the N. hill.  
 S. ground slopes up to the N. but platform at  
 roughly to the S. is shallow (ca 0.75m deep) narrow  
 (ca 1m across) channel runs immediately S. of the site.  
 Covered in moderately high, dense stem scrub,  
 some cacti, etc., poor outcrop visibility. The  
 N. hill at the base of which Site 433 sits is ca 20m  
 high and is fairly grassed. Note that the outcrop  
 bordering Site 432 rises ca 25m and is moderately steep.  
 Cattle pasture. Fairly horizontal - the corner. The platform  
 are faced with rubble to wall & limestone about  
 1m thick dark brown fine textured, possibly fossil  
 on a limestone bedrock. Outcrops are not real  
 clear on the hillside on the hill is heavily  
 overgrown. See main Guernsey channel, ca 25m to  
 the S. <sup>45m to the W.</sup> but no outcrops are visible  
 in the plain & expanded <sup>part of the</sup> field to the S. - possibly  
 there is none of the lava in this direction.



3 platforms / terraces built  
 into the S. hill face - no  
 evidence of further  
 construction on the  
 site - the site is in the N. - not heavily overgrown upper  
 field S. of the road for fine view.

- S22.1 : 1m N-S x 3m E-W, 88°0', <sup>parental in property - adjoining the</sup>  
 S22.1 SW corner to S22.2 SW corner : 251°0', 8m. <sup>the house. Eas. land.</sup>  
 S22.2 : 4m N-S x 3m E-W, 86°0' <sup>Chapman for these sub. the</sup>  
 S22.2 SW corner to S22.3 SW corner : 338°0', 6m <sup>data. from these land (p.</sup>  
 S22.3 3m x 3m, 101°0' <sup>listy.) Planting corner</sup>  
 fairly well-preserved stone, good Site 433 reported at  
 level, no listing <sup>the house road (ca</sup>  
 at <sup>120m to the N. of the</sup>

Site 434 - we left El Capiro along to Site 207  
stretch along the W. side of the hill and dropped down  
off the ca. 7m high, steep, side leading down  
to the Guernoa. Below this ascent the land  
is a flat, frequently plowed, and looks like  
Guernoa floodplain. The Guernoa channel is  
ca. 2m deep below the floodplain level and  
is dry today - are attempting to over the Guernoa  
examine the lower N. of the quebrada but  
it is very heavily overgrown. Then moved  
off along the Glace road + then N. of it  
starting to examine the area between the  
road + the N. hill.

Site 434 is ca. 450m N. of the Glace road,  
200m S. of the hill on gradually sloping terrain  
dropping S. away from the hill. The soil looks  
dark brown and somewhat gravelly. It is heavily  
plowed the field is in low scrub grass,  
cattle pasture, good etc., good outcrop  
visibility. The Quebrada to Guernoa is  
500m to the SW, rather wide channel not  
clear so far. The site has been heavily  
damaged, and surviving evidence of it being a  
scatter of modern-size ~~of~~ breckia + rubble (especially  
rubble) along with a few small outcrops  
scattered over an area with a diameter of  
ca. 12m. The few small shrubs look to be  
Tato Clamie in date.

Site 435 - Ca. 100m S. of Site 434 on the same  
gently sloping terrain dropping gradually from  
the N. hill southward toward the Glace  
road ca. 200m to the S. S. of N. hill.  
ca. 300m N. of the lower. Dry low, dense scrub

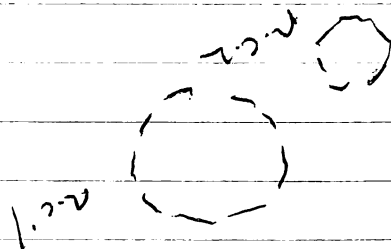
green, good str., poor artificial visibility; several pasture.  
A series of shallow, narrow gulches near to have their  
origins in the hills + pellets to the N. running  
S. towards, ultimately, the Chancelier. The closest  
of these channels is. 175 to the east - dry more  
glaciated, like most of these pellets, has been plowed  
leaving a stone scatter in 10 m diameter.

~~Stones~~<sup>as</sup> few, small artifacts were noted here as well.  
The stone is mostly small, rare medium, & pieces of  
limestone + rare small, thick robust blocks. A  
few pieces of rubble were noted here as well.

7/11/91

Site 436 - located <sup>90-</sup>ca. 100m east of Site 435, in the next field over to the east on terrain which slopes gradually down to the S. toward the Glass road which is ca. 350m distant. The N. hill is ca. 375m to the N. In weather - high, but mostly sparse stony scrub, the visibility is good / o.k., outcrop visibility: poor. Little pasture. Field, like all those in the area between the N. hill & the Glass road, has been plowed & the site has been eventually destroyed by that activity. Site 434/436 seem to line up  $\pm$  E-W, paralleling the base of the hill  $\pm$  1/2 way between the N. hill & where the land flattens out ca. 250m to the S. to the gulch, but ca. 300m to the east.

2. N.C.'s



N.C. 1 = 4m or shorter  
 N.C. 1 center  $\rightarrow$  N.C. 2 center = 5m,  
 2.14001  
N.C. 2 = 2m.

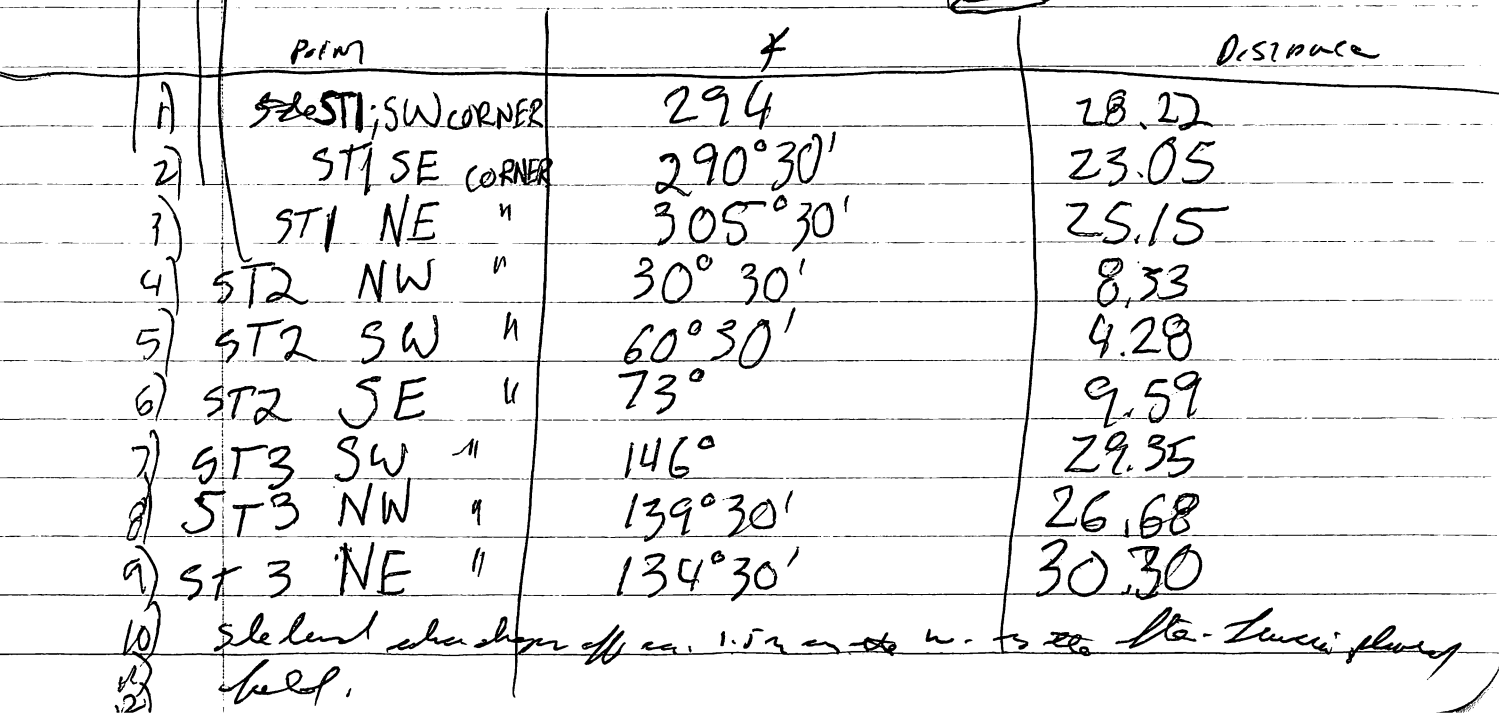
Shrubby, 2 m tall, edging N.C. 1/2, composed of red pine to small limestones, mainly (pink, brown), which is (rare) present & present in very low, small, wooded stands. Soil is ~~the~~ brown gravelly. Note - the hill surface is ca. 250m to the S. out by Glass road. has small outcrops in it. Other scattered, smaller stones to the W. & S., no clear concentration there.

site 437 - located at the base (S.) of the graded  
 current supporting site 436 ca 250m to the NW  
 medium-high, well spaced brown scrub, with  
 pasture. The good str. & near outcrop visibility.  
 The outcrop near. Plowed field nearby  
 in the distance. The glass road ca. 85m to the S.  
 15m  
 1 km.  
 & gravelled channel, ca. 100m to the SSW.  
 One str. with the live still & visible  
 Centred of <sup>well (hardly)</sup> medium ~~tan~~ rubble, no real  
 features noted remarkably. The angle str. over  
 elevation, and narrower.  $2.5 \times 2.5m$ ,  $36^\circ$  elevation.  
 Ca. 14m to the W. a line of medium to small rubble set in  
 earth, very well, ca. 1m S-W, oriented ca.  $51^\circ$ .  
 NW corner the 1 to S end of fact. 1.2 14m,  $211^\circ$ .

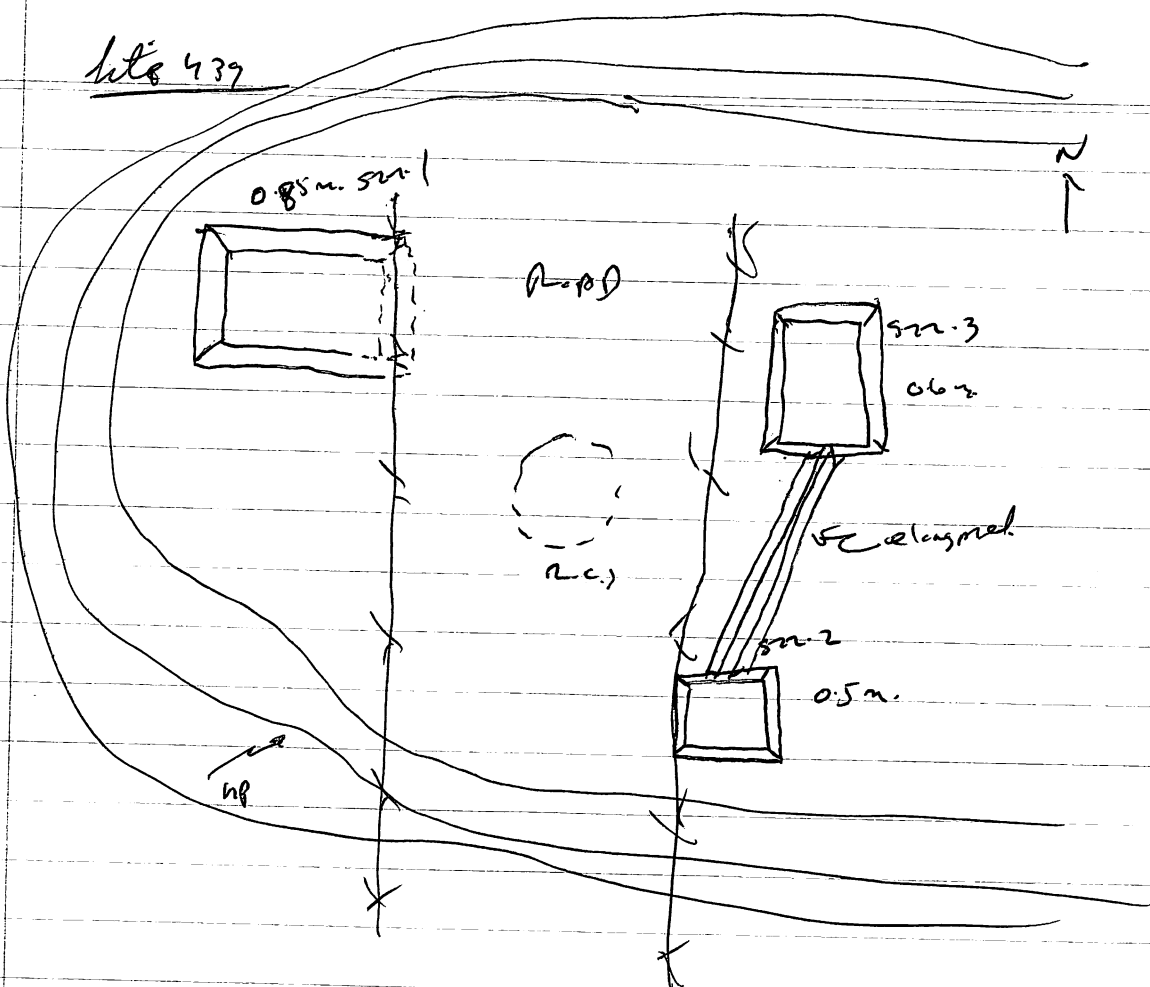
site 438 - situated nearby S. of the glass road between  
 the N-S road running just east of site 432 &  
 another N-S track up a locked wooden gate across  
 it ca. 350m to the east. site 438 is located on  
 fairly level terrain in medium-high grass &  
 thorn scrub, with grass. Good to ok. str.  
 visibility, near outcrop visibility. The glass  
 road ca. 175m to the N, the western road of  
 site 432 ca. 75m to the west + site 432 lies  
 roughly 195m to the NW. The hill either side of  
 site 432 on the S. is clearly visible + ca. 85m to  
 the west. General pasture. Very shallow, ca.  
 0.5 - 0.85m deep, with, ca. 5m across, linear  
 depression running E-W. The highest ca. 1m N. of  
 the site increasing in depth with it as it  
 never east. The str. is not directly  
 arranged around a point but extends E-W. is a  
 rough line + parallel to the depression, could be

liti 438  
 Good preservation - no plowing in the field or  
 on the mound  
 and the stream channel, but low. It seems to  
 start in the field, possibly against the base of  
 the hill bordering liti 432. liti 438 is in the  
 first field S. of the glass road against that  
 field's S. border + across into the next field S.  
 The land drops off again to the S. of the site, ca. a 2 m  
 descent. The descent is steepest on the W, becoming more  
 gradual to the E.  
 Concretionary nature, a modern deposit of limestone (possibly) + a small piece.

Size 432



35728  
1.20



located on a ca. 0.5m high rise above ± flat terrain. The rise extends from the road to the east & goes off to the N. W. + S. Covered in medium high dense grass, etc. etc. had sufficient visibility from the road where earth is exposed. Lote 438 is ca. 17m to the NW in the same field (lot 1) on the S of Lote 438.

Ground features, there is no evidence of plowing. Part of lot 1 (the east flank) + adjacent R.C. 1 now have been damaged by the construction of a new track ca. 2m across E. W. Otherwise disturbance seems limited. Lotes 438 & 439 belong to the same family. Construction material - red brick to wall & limestone + marble. Some red brick. There to have been a paleo faunal group, somewhat as now due to modern disturbance. The cattle pens w/ goats is located ca. 95m SSW of the site. The road between them, somewhat gravelly. Lote 439 overlies the

same depression at site 438 bordering the N. site 439 had creosote at the 15.  
site 440 - 35728

35728

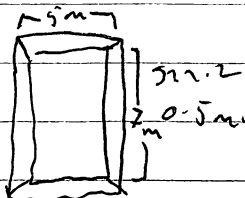
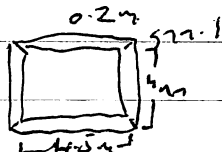
25728

14/8/91  
25

site 441 - located ca. 375 m SE of site 440 on flat terrain ca. 65 m W. of a low (ca. 25 m high) hill extending S. from the N. hill (I think this is the hill which the Glacis road cuts through and which is used as a garbage dump along the road. The forest is interrupted from the hill, a dry lane, currently occupied, ca. 120 m to the S. while there is a cross for a burial ca. 15 m W. of the site. A gabardine channel runs ca. 125 m to the west, ca. 1.5 m deep, a steep bank, dry, "in road" running S. to the highway, ca. 115 m to the west as well. Covered by low to medium - high dense green, good etc., poor antfoot visibility. The surface collector. A shallow, (ca. 0.4 m deep) narrow (ca. 1.5 m across) gabardine channel starts the line of the east hill ca. 60 m to the east (dry). Site that is large, linear earthworks ca. 2 m high & parallel to the line of the hill. ca. 65 m to the NE. - appearance?

3 no str. constructed of medium, limestone pieces + rare schist.

†  
(mass)



↑

Site 2 - 7 m N.E. x 5 m S.W., 247°0'

Site 2 NW corner to Site 1 SW corner

11 m, 259°0'

Site 1 - 4.5 m S.W. x 4 m N.E.

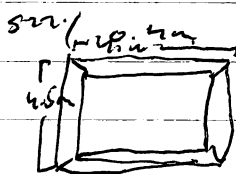
255°0'

Good preservation



250m.  
180m.  
120m.

Site 442 - 2 nests. into a flat terrain ca  
200m <sup>SE</sup> of Site 441 across <sup>+ ca. 90m W. of the</sup> ~~the~~ gabarda noted  
under Site 441. In fairly well, good dirt road  
near immediately <sup>SE</sup> of the gabarda end of road  
with the highway ca. 800m - 1km to the S. The field  
is covered in low to medium - high, dense grass  
rare Abura scrub. Cattle pasture. Ok. - to - good  
str. + local antipath visibility. Plevel, the 1st  
still is pretty good slope by N.C.I. abura.  
our unconf. disturbed of their activity. The  
agony have noted under Site 441, ca 170m to  
the <sup>NE</sup> ~~east~~ while a cattle per - loaded my  
cow now - ca. 95m to the <sup>NNE</sup> ~~SE~~ along the  
upstream road. The gabarda manu  
has ca. ± 130m to the <sup>S</sup> ~~SE~~ not clearly visible.  
The str. may have built my nest. (mostly)  
to large & medium & small shrubs - equal  
amount of both. Some small shrubs Site of  
robust noted. The antipath found  
Two small stapula. str. the 1st - has cultivation  
not built. Plevel for grass, of agony.



120m.

SN

SLH. 1 4.5m. E. to, 4m. <sup>N-S</sup> ~~W~~ <sup>820</sup> ~~at~~

SN. 1 100m. to center N.C.I.

820m, 2100; 9m

N.C.I. 9m, 4m diam.

Note that a few scattered shrubs were noted in  
pleased fields immediately W. of the field containing  
Site 442. The concentration, nests. The shrubs are  
very small.

# Site 443

Point	4	Distance
1/ NE corner ST 1	43°	13.36 meters
2/ NW " "	24°	13.62
3/ NW " Superstructure #1	25°	9.10
4/ NE " "	40°	8.78
5/ SE " ST 1	70°	5.23
6/ ST 1 Jct. Proj. East	54°	4.64
7/ SE corner Proj.	57°	2.54
8/ SW " "	355°	3.65
9/ SE " ST. 2	4°	13.09
10/ <del>NE</del> " ST 3	333°	6.10
11/ <del>NE</del> Cut North ST 3	313°	9.87
12/ SE ± " "	227° <sup>Busch sig. (?)</sup>	3.29
13/ Cut South " "	77°	8.66
14/ NE corner ST 4	198°	10.51
15/ SE " "	200°	13.82
16/ SW " "	209°	13.24
17/ Station #1 to Station #2	319°	16.02
18/ Cut South ST 2	66°	4.76
19/ Cut North " "	30°	9.21
20/ Center Rock Concentration #1	24°	21.42 (6 meters in diameter)

Site 443 - Located ca. 185m NB of Site 438 in the next field east of the field in which Site 1+2 of Site 438 are located. 3 legend signs gradually to the N, E, + W. of the site, only ca. 0.5m at most, running fairly flat off to the S. Covered in medium to high stem scrub + low, dense grass, the other scrub is fairly well spread nearby for 0.5 km. at far outcrop visibility. No good evidence for plants here but all of the site show some signs of disturbance.

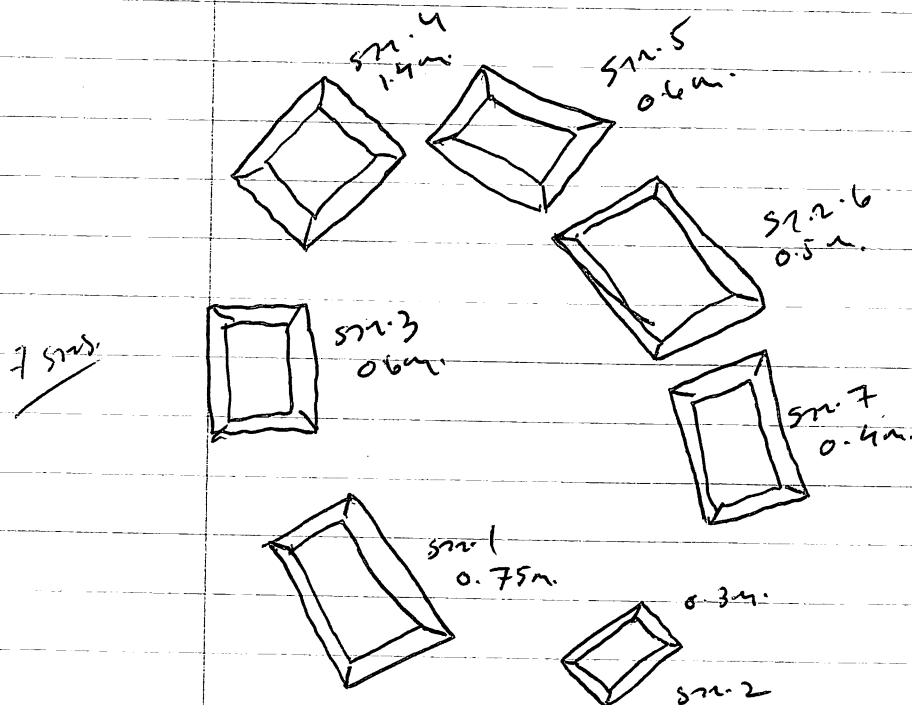




acx sn-444  
site 444

7/16/91

very approximate given the  
 dense vegetation.  
 the quadrats are  
 N site 444 a tributary  
 of the Guernsey.



	POINT	+	DISTANCE
1/	SW corner ST. 2	56°	6.30 meters
2/	SE " "	35°	9.28
3/	NW " "	31°	3.90
4/	NE " ST 1	29°	2.41
5/	SW " "	171°	4.70
6/	NW " "	290°	3.91
7/	Station #1 to Station #2	256°	12.48
8/	SE Corner ST 3	92°	2.64
9/	SW " "	196°	2.92
10/	NW " "	293°	4.21
11/	ST.P. #1	319°	6.50
12/	SE Corner ST 4	320°	8.38
13/	NW " "	318°	7.12 17.12m?
14/	NE " "	339°	14.10
	+ Turning Point #1		

	POINT	°	DISTANCE
15/	Station 3 to T.P. #1	196°	6.69 meters
16/	SW corner ST 5	182°	4.34
17/	NE " "	336°	2.32
18/	SE " "	137°	2.67
19/	SW " ST 6	117°	4.56
20/	NW " "	62°	3.65
21/	SE " "	111°	9.18
22/	Station 3 to Station 4	92° 30'	11.41
23/	NW Corner ST 7	287°	1.95
24/	NE " "	44°	3.50
25/	SE " "	127°	2.80

stand  
scattered

Mile 445 - Road concentration stretched out along the NW. face of the lower de ferior ca. 1 km. SW. of the highway, ca. 800 m SW of Mile 112 and very rough 300 m NW of Mile 425. On these Egean land where corn & wheat (mostly watermelon) are currently being grown. The road curve for the lower de ferior hill where it first begins to rise to the SW. ca. 2 m above the flat terrain of the valley floor. Corn & wheat are intercropping for the lower de ferior. The soil is dark brown to black, like that found on limestone bedrock. The road really extends for ca. 40 m S-W. along the hill & out for ca. 10 m N. from the lower. No obvious sign of construction material (i.e., stones).

445/1 - General surface: Shaly, cracked, sandy & some pebbles.

Slope upslope area is covered with dense  
crengrowth - very poor etc. + antfoot visibility.  
It is likely that the ants are actually using  
the dead rising down, but the vegetation  
is too dense to locate anything.

Site 425 (cont.). - Came upon the S.W. side of  
this site 1st approached from the flat lower  
field. I saw crengrowth but found somewhat to  
the east <sup>at edge</sup> some corn, ca. 0.05m high, in row  
growing. 2 <sup>thru</sup> continue to grazing  
the side of the fence on other side - original  
veg. I saw the 20. - 1.2m high. A rock  
concentration is 4m in diameter very close to  
open, E. flank, it has been placed. That way  
shepherd in the plowed field, may have been  
noted on the other side of the fence to the  
W.N.W.

There are found in four large amounts  
for up to ca. 1cm E. of the site bank,  
chopping off regularly thereafter.

short screen

Site 446 - dead matter

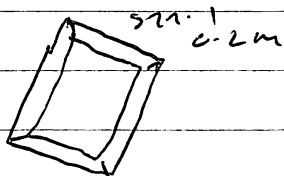
cobble & short  
screen

Site 447 - In some ants reduced to a large  
pile of cobbles by plowing. The rocks are  
covered with medium-high dense grass while  
all around = plowed field with some ca.  
0.2m high grass in it. There are found  
for 10-20m W. of the S. + N.C. hill (near hill  
side). The fence de ferra is ca. 5cm to the  
S. while the closest gabarda I know of is ca.

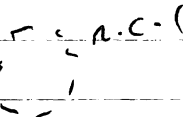
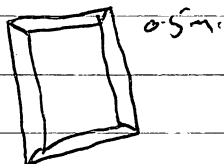
250 350m to the NNE. (dry run, ca 3.5m deep & 7m wide. Site 445 in the field to the east, ca 120m distant. Site 425, ca. 170m to the WSW. against the base of the Torca de Jecuri. The stone in the concentration, medium (mostly), to large limestone + rare rubble. The concentration measured ca. 20m in <sup>8-10m x 5-8m N-S.</sup> ~~character~~, Adrianna Rubio Garcia, owner. lives in S.P.S. 53-16-73, phone. The myrdine is Angelito Baraneri - neighbor of Juan Holman in Place. She had begun gradually down to the NNE and the soil is a dark brown to black, like that found in limestone. All of the fields for the road = dark brown / black soil.

Site 445 - sites 446/448 belong to Adrianna Rubio Garcia. This site is located ca. 220m NNE of site 447, on flat terrain now planted in corn ca. 0.5m high - just being planted. The Torca de Jecuri is 270m to the WSW and the quebrada is ca. 300m to the SSE. She states.

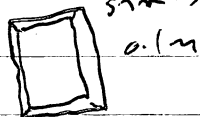
35m  
1.2m



Site 2



Site 3



are heavily placed around the margin + N.C. 1-2 layers of destroyed shelly + medium limestone + rare rubble & stone on the str.



lot 448

Point	$\alpha$	Distance
1/ NW Corner Structure 1	300°	9.14
2/ SE Corner STR 1	295°30'	9.60
3/ SW Corner $\pm$ STR 2	297°	12.89
4/ NE Corner ST 2	232°30'	7.56
5/ SE Corner ST 2	215°	10.06
6/ SW Corner ST 2	228°	13.33
7/ SW Corner $\pm$ ST 3	114°	6.10
8/ NW Corner $\pm$ ST 3	12°	6.40
9/ NE Corner $\pm$ ST 3	14°	8.30
10/ RC 1 center	20°	6.69

Diameter 3 netus

Two well N.C.'s located ca. 7cm to the N.W. of the pit - no labels.

short  
summer

WBC  
CCP  
L and

Lt 449 - located ca 20m ESE of Lt 448 across the  
fence onto Grace Csg. land. Dark brown rock,  
like that formed on limestone, planted in coarse  
mud, ~~coarse mud~~, nodules extending ca. 1 m long,  
flowering, rare nodule seen in formation. Sh. towards  
peak. ca. 30m to the S, the highway ca. 40m to the  
east. Disturbed matter ca. 10m in diameter,  
where # of outcrops - few no stones. Stems  
placed good subject + str. v. delicate. Found  
in flat.

5. Handel's *Sommern*

Shoal summer. Site 450 - sand ripples ca. 15cm SSW of tube 447.

Rocky  
ground  
common

Site 451 - Ca. 180m W. of Site 449, 200m N. of the  
highway + 300m N. of the lower old prison. Site  
449 it is on the W. field margin of the  
Hance land - cattle pasture begins ca.  
15m to the W. in the next field. The Canadian  
Grange Branch is situated along the road  
directly to the E. of the site. Corn flat beneath  
currently plowed + planted in corn + melon;  
the corn here is ca. 0.3m high; the melon has  
tendrils ca. 1m long and is flowering. Road  
outfit + str. visibility. Site 449  
had no rock piles in the vicinity, Site 451,  
an oval-shaped r.c. with rock piles ca. 0.4m  
high on the W. + E. ends; scattered stones in  
between. The destroyed remnants of yet another  
site. The oval measures ca. 11m E-W x 6m N-S.

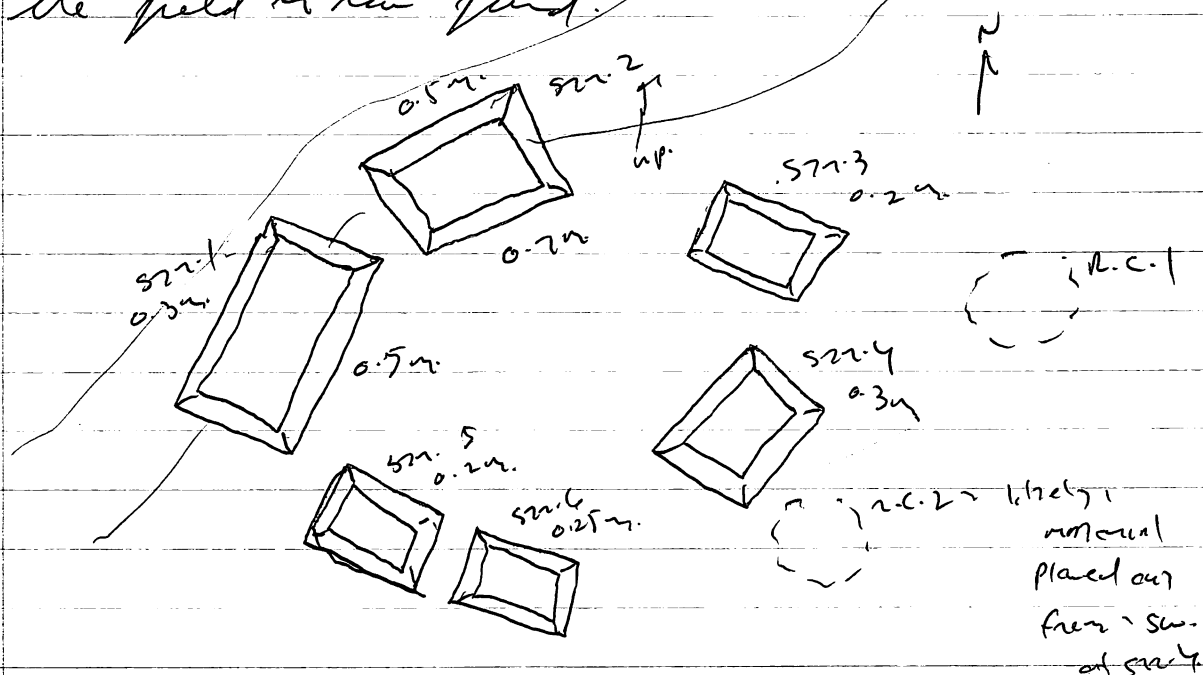
451a/1 - general surface.

Irregular limestone + rubble predominates. Much  
are concentrated within ca. 12m of the rocks.

Site 452<sup>3</sup> - Ca. 45m N. of the paved highway, we've  
seen this site since 1988, when <sup>weather</sup> it first started to  
clear for the first time since we started  
working in the valley. The turn-off to the  
house is ca. 75m. Further down the road to  
the S. Francis building, the walls in the next  
field to the N. ca. 80m distant. Covered in weeds  
high, very dense green, purposefully planted  
here, under for poor str. + least outfit  
visibility. Cattle pasture. Great tenancy, soil is  
not viable. The site has been heavily damaged  
by plowing, all of the remaining fields + the field

containing the room & have been plowed a well, presumably to facilitate grain planting. Consequently, the preservation is poor. One of the base, approximate outlines of the largest structures, the rest, especially under such dense vegetation, is puzzled. Apparently the group originally depicted a central patio in which one of the few trees in the field is now found.

6 sm  
2 m.

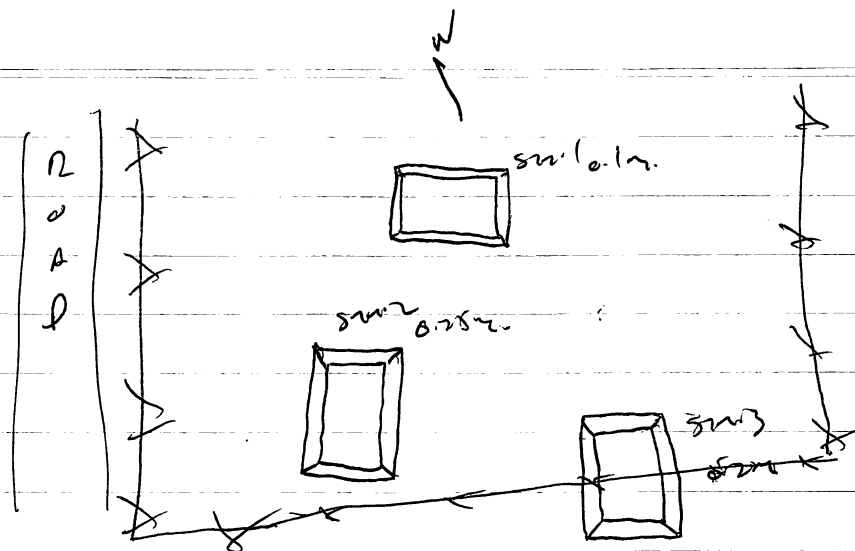


the hall (nearly what's visible) to medium size of limestone, some rubble, & cobbles on the platform, rubble + limestone:  $\pm$  equal amounts.

Scattered stones are noted around the site, especially to the S. where they extend in plowed & sparsely sown to the road. foundation, ca. 12m stat (w.) of the highway.

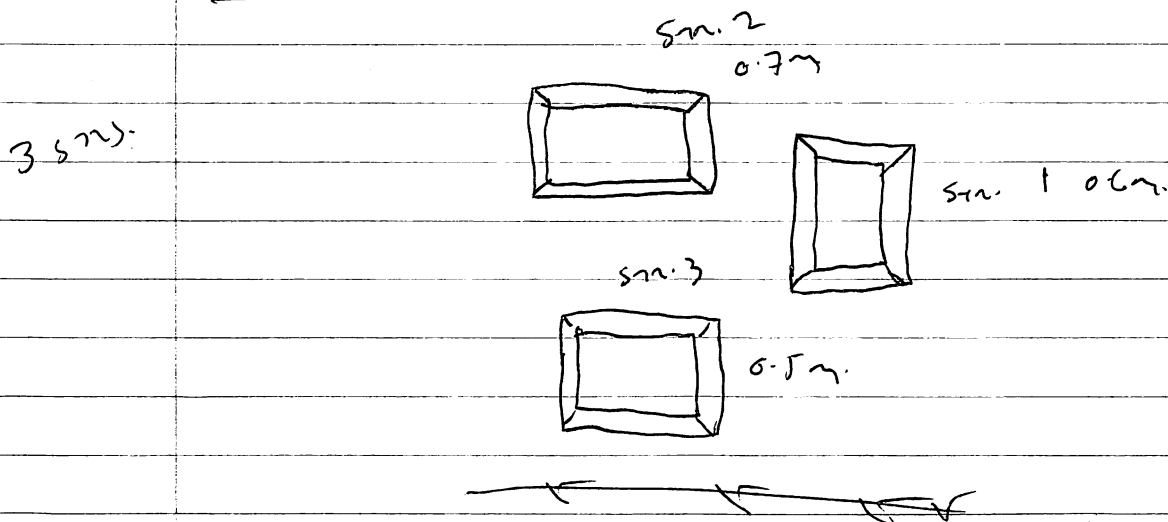
3 sm  
Site 452 x ca. 135m S. of site 483, ca. 178m W. of the highway, ca. 25m S. of the road into the local buildings. Flat terrain, purposefully planted, dense grass, cattle pasture.

Site 452



Palm	$\angle$	Distance
1) NE CORNER ST1	$57^\circ$	8.25
2) SE " ST1	$72^\circ 30'$	6.20
3) SW " ST1	$35^\circ 30'$	4.39
4) NE " ST2	$337^\circ$	<del>3.18</del> 2.79
5) NW " ST2	$312^\circ$	6.75
6) SW " ST2	$264^\circ 30'$	7.55
7) NW " ST3	$188^\circ$	3.47
8) NE " ST3	$132^\circ$	5.82
9) SE " ST3	$166^\circ$	10.07

Site 454



Site 454 - pre antenna pay land.

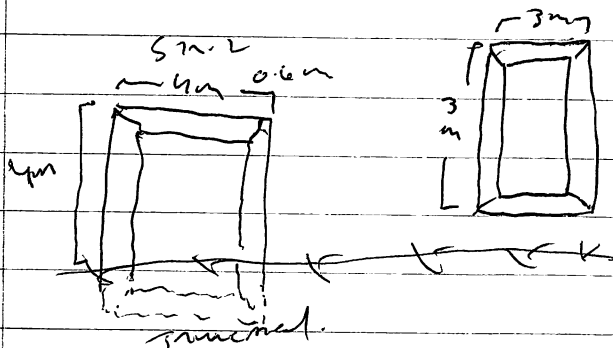
~~Site~~

Point

	Point	$\angle$	D. Stone
1/	SW corner ST1	$11^{\circ} 30'$	7.17
2/	SE corner ST1	$62^{\circ}$	8.01
3/	NE corner ST1	$58^{\circ} 30'$	13.62
4/	SE corner ST2	$271^{\circ}$	5.83
5/	SW corner ST2	$292^{\circ}$	9.80
6/	NE corner ST2	$340^{\circ}$	4.84
7/	NE corner ST3	$95^{\circ}$	8.60
8/	NN corner ST3	$135^{\circ}$	5.23
9/	SW corner ST3	$131^{\circ} 30'$	8.81

Site 113: 1 in ca. 150m NW of Site 454. Site 454 - dark brown soil.

Site 113 - ca. 80m S. of Site 113 are 2 stone level terraces covered in a mixture of hard dense green and scattered medium to high stone scree. The visibility is good, slight visibility is poor. Preservation is not good, no good evidence of plowing but the stone



Site 1 3m x 3m, 187°  
 0.4m Site 1 NW corner Site 2 NW corner  
 255°01, 5m.  
 Site 2 4m x 5m, 4m NW-S  
 (701600 2nd day 103°01.

appears to be disturbed, here are not clear  
 mound portions. For the same field aspect of Site  
 113. The platform are covered with small to medium  
 cobbles + & stone (± equal amounts of each). Regular location  
 + marble pieces are noted pre antenna pay in the  
 corner.