

1988

## PVN-012-Schafer-Field Notes-1988

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## Naco Valley Project Objectives: 1988 Season

The following is a brief list of our objectives during the 1988 season of the Naco Valley Archaeological Project.

### Survey Objectives:

1. To locate, map, and thoroughly record the following:
  - a. All extant sites or their remains within the previously unsurveyed 2 km<sup>2</sup> zone surrounding and including the major center of La Sierra.
  - b. Sites within unsurveyed sections of the Naco Valley both east and west of the Rio Chamelecon.
  - c. Sites within the narrow valley immediately east of the Naco Valley which is so far largely unsurveyed.
  - d. Sites a sample of the vegas bordering the Rio Chamelecon as it flows northeast towards the Sula Plain.
5. Ultimately this work is designed to:
  - a. Yield data on ancient and early historic settlement form and distribution in the Naco Valley and its immediate environs, supplementing data gathered in 1975-1979 by P. Urban
  - b. Assess of the degree of site destruction within the area, its causes and the likelihood of site destruction in the future;
  - c. Add to the existing inventory of sites prepared by the Instituto Hondureno de Antropologia e Historia.

### Excavation Objectives:

1. To understand ancient lifeways at the major center of La Sierra, we will carry out horizontal excavations to expose terminal architectural form and associated artifact deposits.
2. To reconstruct La Sierra's developmental trajectory, i.e., when it was first occupied, began its rise to regional preeminence, collapsed, and so forth, we will deeply probe stratified deposits, e.g., middens. Because large platforms tended to grow by accretion we will, where possible, conduct a few of probes into platform fill in search of datable earlier constructions. All of this work will done in consultation with IHAH representatives and only structures with poorly preserved terminal architecture will be so tested. Every effort will be made to leave undamaged construction features undisturbed.
3. To better understand ancient population and activity distributions within the Naco Valley we will conduct limited test excavations in sites away from the La Sierra Main Group. These will be small trenches designed to expose limited segments of terminal platform architecture and retrieve artifact samples for dating final occupations. Promising primary artifact deposits found on and around structures will be pursued for information on activities, though no trenching into architectural fill is anticipated in these sites.
4. To understand the form and developmental history of the Late Preclassic valley center of Santo Domingo we will excavate on and around its massive structures, exposing terminal form and

associated artifact deposits. As with La Sierra, limited probing of the architectural fill of large structures will be carried out, in consultation with IHAH representatives, to search for early, buried constructions. Once again, only structures with poorly preserved terminal architecture will be so tested.

5. We will conduct a program of systematic test pitting away from and between mound groups in the La Sierra zone to test for activity areas not associated with visible platforms (the "invisible universe").

6. In order to ensure the continued preservation of all investigated structures, each excavation will be backfilled thoroughly and completely after investigation. Unfilled trenches left open since 1977 at La Sierra and, where feasible, looter's pits, will also be completely backfilled to consolidate damaged structures. The same will be done, where possible, at other investigated sites.

#### Laboratory Objectives:

1. In order to date excavated deposits, ceramics from a sample of excavation contexts will be analyzed using Urban's 1979 type-variety categories as subsequently refined at various IHAH-sponsored ceramics conferences held since then. The analysis of carbon samples in the United States will complement ceramic dates, as will obsidian hydration studies.

2. To reconstruct ancient interaction patterns between the Naco Valley and surrounding regions stylistic attributes of the ceramics will be studied and compared with other assemblages. Source analyses of small obsidian and pottery samples will supplement this investigation.

3. In order to reconstruct ancient activity patterns attention will be paid to the analysis of pottery vessel form and size, and the distribution of stone tools of different types.

4. Excavated floral and faunal remains will be identified in the field and selected matrices will be flotation processed; collected samples will be identified in the United States.

5. To reconstruct ancient patterns of production and distribution of goods we will try to identify differential distribution of activities among contemporary valley sites of different sizes and levels of complexity.

6. Basic analyses of many of these data categories will be conducted in Honduras; further studies of distributions will be pursued using the computer in the United States.

Ultimately, results of survey, excavation, and laboratory work will complement data gathered by P. Urban in 1975-1979 and help us address basic questions such as the level of sociopolitical complexity achieved by prehistoric Naco Valley residents, the developmental history of that complexity, the range of contacts maintained by inhabitants, and their changes through time.

## EXCAVATION OUTLINE

When taking notes on a trench keep the following points in mind (and on paper).

### I. Note all soil levels as seen in the trench wall.

#### A. For each earth stratum note its:

1. color
2. texture (e.g., sandy, clayey, coarse, fine)
3. hardness (soft to trowel, easy to trowel, etc...)
4. contents (e.g., contains large amounts of small stones, sherds, roots, etc...)

#### B. In short, note what makes each level distinct from the other.

#### C. Give each soil level a letter designation starting from "A," which is always the humus horizon.

#### D. Give the order of stratigraphic succession of the identified earth levels and their relation to uncovered architecture (see below).

### II. Thoroughly describe all architecture (e.g., walls, floors, fill, etc...) uncovered in the trench.

#### A. Describe how it was constructed:

##### 1. What sorts of stones were used (e.g., river cobbles, cut blocks, chunks)

- a. Take measurements on stone sizes (length, width and thickness where possible) for each of the types represented. cut blocks vs. cobbles vs. chunks. Try to capture the full range of size variation.
- b. For cut blocks, try to identify the stone. If you don't know, collect a sample.
- c. How were these stones employed in construction, i.e., laid out in regular courses, put in irregularly, etc.; how were stones of different types and sizes used in relation to each other? For example, were small stones used as chinking to fill in the interstices between larger cobbles?

#### B. Give the heights, widths, and, where possible, the orientations (using a compass) of uncovered walls.

#### C. Specify what soil levels the architectural units relate to, i.e., what soil level(s) does a wall rest on or in; what soil level(s) bury it?

#### D. Describe the horizontal and vertical stratigraphic relationships between all uncovered architecture and soil levels.

#### E. Draw a sketch, in your notes, to illustrate the above points, and to back-up the sections or other drawings.

1. a head-on view of a wall, for example, to show how it was constructed.
2. a view looking down from above to show how the architectural units are horizontally related,



measuring the distances between units.

3. a view from the side showing the stratigraphic relationship between architectural units and earth strata.
4. The goal of these drawings is to show how all of the features uncovered in your trench fit together horizontally and vertically. Without this data it is impossible to determine the form of buildings or sequences of occupation. Formal, exact drawings of each trench will supplement your notes.

- F. Describe the state of preservation of architecture and indicate any disturbances to architecture or earth levels. Pay particular attention to disturbances which may affect interpretations of features, e.g., rodent burrows, roots, which may have resulted in mixing earlier and later materials.

III. Be sure to name all architectural features and put these names on your sketches.

IV. When describing structure walls note how far tumble extends away from construction and in what soil level(s) it is found.

- A. Put the tumble in your sketch section.
- B. Be sure to note its stratigraphic relation to architecture. The base of tumble is a good indicator of the location of ancient ground surface.

V. Give excavation trench dimensions, form, and depth at various points below ground surface.

VI. When defining lots be sure to:

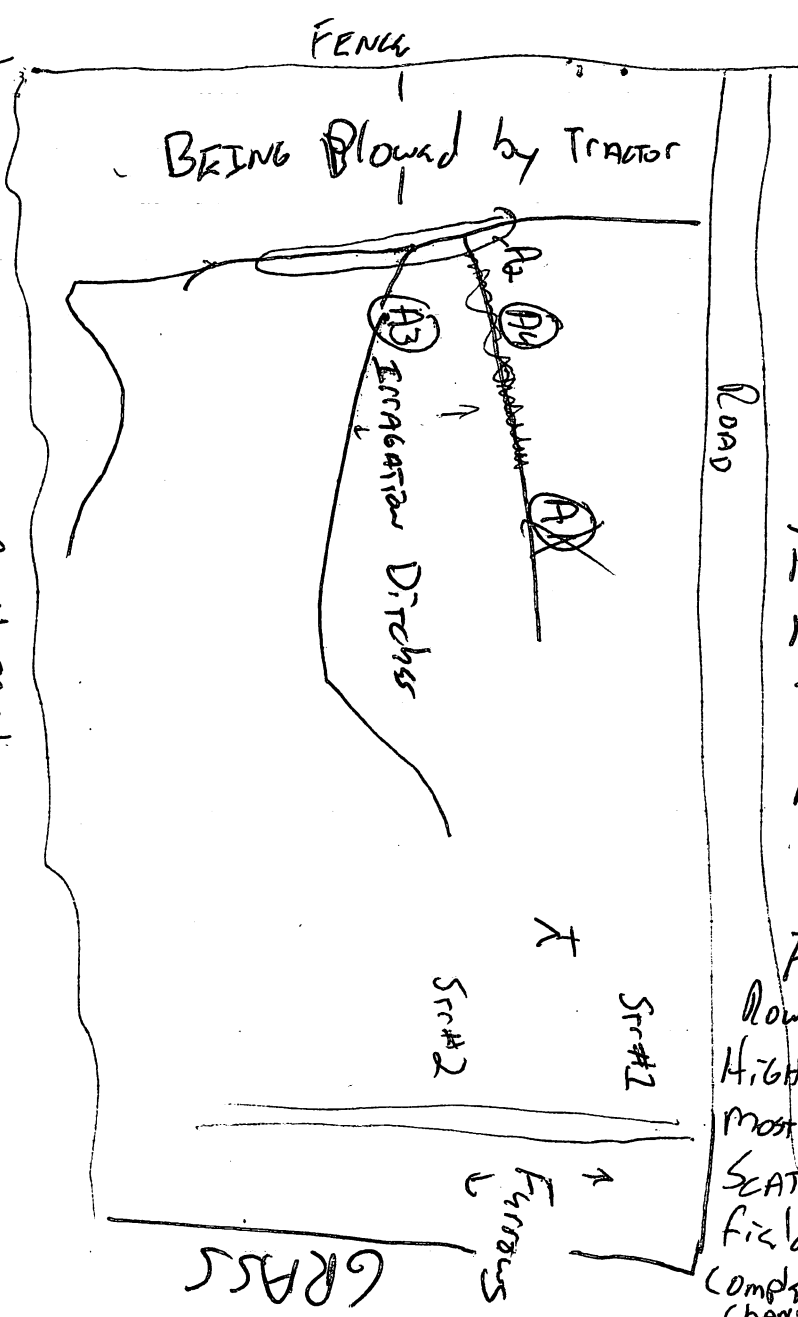
- A. give the lot's horizontal location with respect to such features as excavation pit walls and/or architectural units
- B. give the lot's vertical location, e.g., how far below ground surface and where this measurement was taken, and/or how far below some relatively fixed architectural feature and where on that feature the measurement was taken.
- C. In both cases, indicate where the lot begins and ends and how it relates to other adjacent lots in the trench.
- D. Indicate why the lot was defined in this way, i.e., what is its depositional significance--fill, terminal occupation debris in primary context, etc...
- E. Indicate, if possible, what soil level(s) the lot falls within.

VII. Indicate any pertinent data not covered above, e.g., evidence of bajareque concentrations in the trench wall, the presence of sherd concentrations and their relation to architecture, and/or tumble.

FEB 3-1988

7<sup>th</sup> SITE. Doing a Quick Survey before  
 Field is irrigated. Sugar cane field SW of Road. 45°  
 Scattered cobbles isolated throughout field.  
 Hard to determine site from scatter  
 Some possible sites in Northern 1/3 of  
 Field that Group didn't mark (i.e. Very LG  
 cobbles) -- working w/ 10, 7, 2, 4

Sketch



Found Possible midden  
 A1 in Northern Part  
 of Field.

Along E-W Irrigation  
 Ditch found Shards - A2

S of E-W Ditch  
 Possible midden - A3  
 Nice obsidian blades  
 + chert flakes

A4 Just North of  
 A3, B-2 obsidian

FIELD Conditions:  
 Rows of Sugar cane 30 cm  
 High. by 50 cm furrows brown  
 mostly turned up soil w/  
 scattered cobbles throughout  
 field. North Plow Zone  
 completely turned soil, Irrigation  
 channels throughout field

\*F.C. Burnt Sugar Cane Stalks in Furrows.

P 88-12-2  
2-3-88

A<sub>1</sub> - Area 11 Rows x 5m. Lg Box of Shards.  
No cobbles in vicinity.

A<sub>2</sub> - Along irrigation channel. 30 cm Bank of  
tossed up Dirt. Shards along Bank and in  
channel. All shards out of context. They were  
washed from all over field and deposited in ditch.

A<sub>3</sub> - 6 Rows x 15 m. Fragments of Shards. 1  
Nice Chert Flake. 8cm x 3cm (?). 6+ obsidian  
Blades. Ranging from 1cm Bi-Blades up to 3cm Tri-Blades

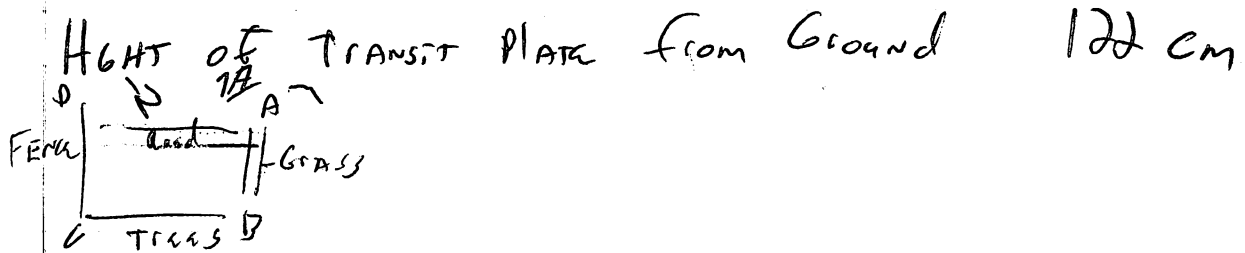
A<sub>4</sub> - 30 m north of A<sub>3</sub>. Only Notable object  
was long 4cm Blade. Figure 8 shaped. Lighter  
Color.

A<sub>5</sub> - 5 Rows x 5m. Don't Really Know why  
we collected here. A few long shards in  
Association with 5 or 6 Fist Size Stones

A<sub>6</sub> - 4 Rows x 8m. Some Shards. Mostly  
Shells. 30 cm<sup>2</sup> area produced about  
12 shells. More in immediate Area

A<sub>7</sub> - 11 Rows x 10m. Lg # of Shards  
and Shells. Shells were found in collections  
Not usually singular

P88-12-3



BRIDGE CORNER 1A: CENTER line 2055 91°20'  
 Top line 2310  
 Bottom line 1800 Dist. 5.6)

CORNER A: C.L. 2223 97°55'  
 T.L. 2465 Dist. 4.63  
 B.L. 2002

STR #1, CENTER POINT: C.L. 2101 106°50'  
 T.L. 2249 Dist. 27.1  
 B.L. 1978

STR #2, S CORNER: C.L. 1331 241°10'  
 T.L. 1458 Dist. 25.6  
 B.L. 1202

S2, E CORNER: 241°58'  
 C.L. 1332 TL 1455 BL 1212 Dist. 24.3

S2, N CORNER: 245°59'  
 CL 1277 TL 1402 BL 1155 Dist. 24.7

S2, W CORNER: 245°09'  
 CL 1315 TL 1451 BL 1185 Dist. 26.6

S3  
 CL TL BL

PP 88-12-4

ST 136

~~A3~~ ~~PT 2~~ ~~270° 55'~~ Do Not Count  
CL 0678 TL 0859 BI 0415

S3 PT 2<sup>N</sup> 271° 57' Dist 44.6  
CL 0675 TL 0851 BI 0405

S3 PT 3<sup>S</sup> 269° 72' Dist 47.1  
CL 0675 TL 0910 BI 0439

S4 315° 10' 47.6  
CL 0422 (311° 11') TL 0681 BL 0205

Spot For 2nd TRANSIT SITE 313° 55' 56.2  
CL 0479 TL 0767 BI 0205  
~~0479~~ 10

S5 A7 289° 32' 39.7  
CL 0942 TL 1140 BI 0743  
20↑ ~~0753~~

S6 A1 286° 20' 71.8  
CL 0715 TL 1075 BI 0357  
20↑

S7 A3 290° 31' 79.3  
CL 1059 TL 1460 BI ~~0667~~  
30↑

S8 A4 303° 09' 77.2  
CL 1100 TL 1443 BI 0721  
30↑

P88-12-15

~~S9~~ A6  
~~AB~~ 1332  
30°↑

342° 06'  
TL 1654

BL 1022 62.6

S10 ~~AB~~

A5  
1° 26'  
CI 1785 TL 2059  
30°↑

BI 1512 54.7

S ~~AB~~ 11  
193° 05'  
CI ~~2798~~ 2782 TI ~~3257~~ 3240

BI ~~2347~~  
2332 90.8

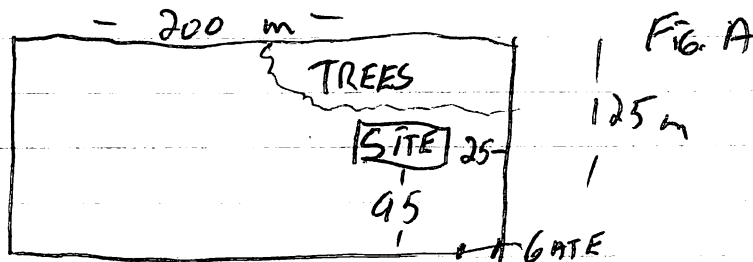
\* DIAGRAM OF SITE CAN BE FOUND  
D88-4-2 + D88-10-1

P 88-12-6  
2-8-88

WORKERS: 12, 13, 3

FIELD D. FIELD IS Approx 125 m X 200 m. NS X EW Respectively. Field Contains Grass Ranging from 30 cm to 1.2 meters in Height. Tall Grass ~~thick~~ obscures mounds. Various Overgrowths of Grass Gives Illusions of mounds throughout Field. North East Corner of Field a Dozen 10-20 m Trees Growing in it Trees Stretch mainly westward. Grass is wet and possibly hampered Survey.

SITE . Located on Far Eastern Side of Field, 95 m North of S Fence + 25 m West of E. Fence, (i.e. ~~Fig A~~ Figure A)



the SITE ITSELF IS Approx 30 m X 15 m, EW X NS. IT IS Built on POSSIBLE NATURAL RISE, AT LEAST STRUCT. 1, 2 + 3 ON NAT RISE. SITE CONTAINS 7 wall defining STRUCTURES, IN A SHALLOW "U-SHAPED" ALIGNMENT. (i.e. FIG 2)

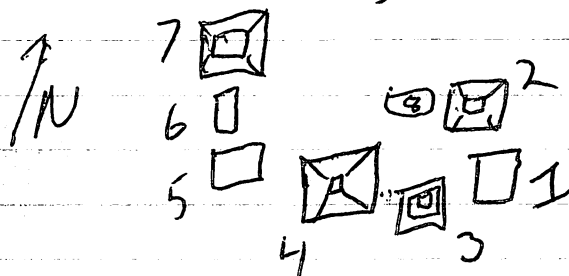


FIG 2.

SKETCH,  
NOT TO SCALE

Cont

Field D, SITE

P88-12-7  
2-8-88

Possible Plaza BETWEEN Str 7+2 + North of 3-6. Hard to DETERMINE this Area because it is thickly overgrown with 2m HIGH GRASS. This Area Along with entire site, is slightly Above Surrounding Field.

Possible PATIO connecting the Group of Structures 1, 2, 3 with Structure 4. This Area has NO STONES, but definitely is Built up with Dirt. Does NOT appear to be JUST the wash down EROSION of other mounds.

STRUCTURES: All Structures on 30 cm "hill"

① 30 cm HIGH. Apparent 90° Wall Line in SE corner. 2 Roughly Cut Blocks + 1 30 cm<sup>2</sup> "L shaped" block, 30 x 15 cm

② 110 cm HIGH. North FACE Goes to Ground Level by DEPOSIT of Stone in Center. Contains 2 "L shaped" blocks 40 x 20 cm in line TOGETHER, 70 cm Apart. Wall line on South side. Possible Cut Block in SE corner

③ 60 cm HIGH. 1 LG 30 x 30 "L shaped" + one LG Cor PTRY in Center

④ 130 cm HIGH. Wall line on N side. NE corner of mound contains by 1 m<sup>2</sup> CACTUS. Hangers Survey.

⑤ 50 cm HIGH. Many Rocks on top

⑥ ⑦. Is one 30 cm<sup>2</sup> structure 30 cm + 70 cm HIGH. North Part Circle. Higher part contains a 2 x 2 m CHURN which greatly interferes with MEASUREMENTS & INTERPRETATIONS.



Cont

P88-12-8

Field D, Site

Low TERRACE of #2. Lodge only on W side - 15cm  
30 cm High

More MISC: Site D is 300 m NW of  
La Sierra main Group. 3/4 kilo away from River.  
There is a Quebrada 75 m to the North.  
Site D is 200 m Due E of Site C.  
Nat. Rise of Hill drops 70 cm on the North,  
40 cm on South. Structures are higher on  
South side than on North side. No signs  
of looting.

\* Sketch Map + Points of Structures are  
Recorded in Livings, #13, Notes

Also, Map in Livings #3 D88-13-4

FIELD G

P88-12-9  
2-8-88

Working w/: 12, 13, 3

FIELD: FIELD IS Due North OF FIELD E. HEAVY GRASS throughout Field. GRASS reaching from 1-1.5 m in Height. Thick Clusters of GRASS give an APPEARANCE of mounds throughout Field. lg Trees scattered throughout Field - One lg cluster of CACTI LOCATED ON STRUCT 2, (See below)

SITE: The Site is LOCATED IN THE NW CORNER OF the Field. SITE CONTAINS 5 STRUCTURES, 2 of which are fairly large. SITE is LOCATED 85 m North of Site E, & 100 m NE of Site D. 30 m North of Site is a Quebrada. The Site is LOCATED Roughly 350 m N, NE of the main structures of La Serria. NEAREST STREAM is Roughly  $\frac{3}{4}$  Kilo Away.

SITE is laid out in a "U-Shaped" pattern with opening situated TO THE EAST. Although mounds are fairly Extensive, there are only these 5 Structures.

### STRUCTURES:

① 130 cm High. Top of mound is Covered by 3 DOZEN CACTI over 5 m tall. Any Surface features are ~~unrecognizable~~. A 30 cm projection is Found on North Side of Structure.

② 80 cm. Connected to ① via Causeway

③ 170 cm High. Largest mound in Complex. Is flanked by ①+② to the SE + ④+⑤ to NE. on SW side of mound is 1x1 m Looser Area.

P88-12-10

2-8-88

FIELD 6, cont

④ 70 cm Ht. - Connected to ⑤ via Platform  
 ⑤ 80 cm Ht. - Connected to ④ via Platform  
 The North side of Structure goes down to  
 a naturally low spot, as N side of ⑤ is  
 higher than S side of ④

Compass Points:

STRUCTURE	Angle (°)	DISTANCE (m)
#1- NE corner	162°	5.04
SE corner	162°	11.60
NW	239°	10.08
#2 projection-SW cor.	234°	6.95
NW cor	256°	6.00
SE cor	222°	4.00
#2 NE cor	247°	11.87
NW cor.	260°	15.22
SW cor.	251°	20.10
#3 SE cor	283°	18.64
NE cor	307°	<del>11.20</del> 20.78
NW cor	302°	27.94
#4 SW cor	322°	11.28
NW cor	332°	13.57
SE cor	336°	7.82
#5 SE cor	3°	12.93
NE cor	3°	17.95
NW cor.	336	20.33
tie in to Groups E & F	171°	62.70



MAR D88-12-4

P88-12-~~10~~  
11

LA Sessia Site, ~~Field~~ FIELD C. 2-4-88

Working with Livinia, 13 & ~~Chris~~ Chris, 18.  
Chris, #18, Took Good Notes of Site  
as Livinia & myself mapped. SEE P88-18-1, 2, 3

Also SEE Drawing P88-12-1, D88-3-1, D88-18-1

SITE CONSIST OF 9 STRUCTURES Varying From .3 to 1.5 m High. Structures 3, 4, 5, 6 CONNECTED VIA CAUSEWAYS. Structures in A Circular Formation with Light Concentration OF STRUCTURES TO THE NE. STRUCTURE 6 IS DOMINANT ONE in Group. 6 IS B<sub>2</sub>-Level and 1.5 High or PEAK.

NEAREST WATER SOURCE is .9 Kilo Away. Rio Chambrano. No Looking holes. Quebrado 75 m to the North.

Surrounding AREA IS Field OF Short Grass, no Taller than 50 cm.

\* THESE NOTES ARE WRITTEN 7 WEEK LATE.  
FOR A better description, PLEASE SEE P88-18-1

Sir 9. Had 2 possible parallel wall lines 2 m apart. 3 or 4 pottery shards were discovered in this Area. 7 possible Poly Chrome Rim Sherd.

PP 88-12-12

2-11-88

"FIELD" L

working with 3 + 9.

Field: IN Field 3 Fields North of LaSerra Main Site,  
1 Field North, 1 Field East of Site 6.

Quebrada is Approx 150 m wide W.

Field is Approx  $90 \times 40$  m. Field 3 NOT  
LEVEL SW Corner is HIGHEST + SE Lowest.

∴ Field is Lower as you go East + South.

Lg 5 m size in SW corner.

Field 3 mainly short grass, 10-20 cm High.  
Many <sup>small</sup> outcroppings of 1 m High Grass dotting field.

Perhaps a dozen trees dot the field. Trees  
range from 8 m - 2.5 m - smaller trees

located in SE corner (i.e. NEAR SITE). AN

ACCESS ROAD runs from the NW corner

to the SE (i.e. through the middle of the site)

Farm + Corral are located 150 m to the North.

NEAREST River, Chamelon, is Approx  $\frac{3}{4}$  kilo

S, SE. The Road to the Farm Borders the Western

Side. Field appears to be ACCESS field BTW

Corral + other surrounding fields

Site:

LOCATED in SE corner of Field. CONSIST OF

A POSSIBLE 7 STRUCTURES. STRUCTURES + MOUND

are VERY UNDEFINED. SITE IS in LOWEST PART

OF field. Buildings 5, 6, 7 slightly HIGHER than

3 + 4, while 1 + 2 are above all of them

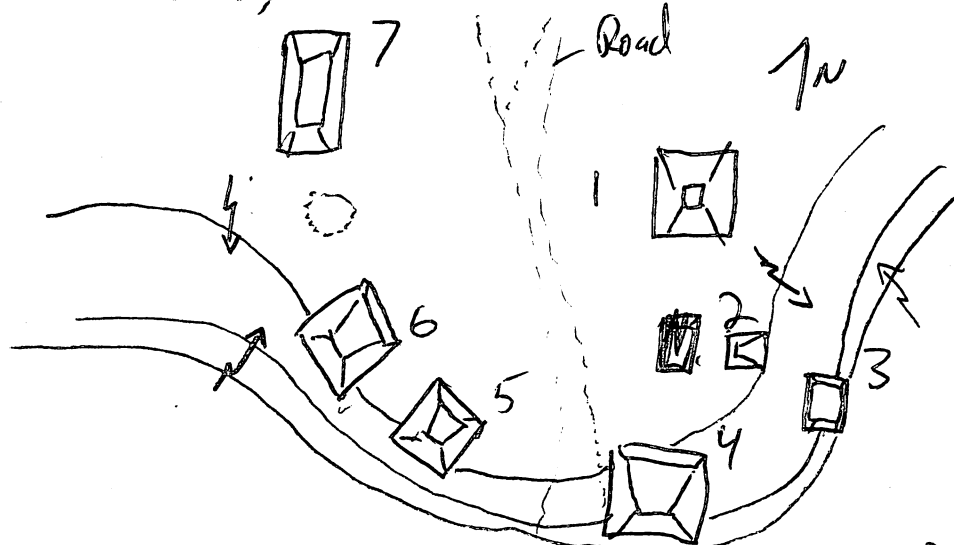
7 STRUCTURES in a Rough "U" or "V" SHAPE (SEE  
DIAGRAM NEXT PAGE).

STRUCTURES 4, 5, 6, 7 have Southern wall LEADING  
down OFF of NATURAL RISE. ∴ Southern wall  
is HIGHER

P88-12-13

2-10-88

Sketch map, not to scale



STR. ① 100 cm . HIGHEST mound . BEST DEFINED  
STRUCT. LARGEST cobbles in STR. 30x30 cm.

② 10 cm . Only few scattered cobbles. VERY undefined

③ 20 cm . Line of first sized cobbles on E side

④ 20 cm . Road runs along SW edge

⑤ 50 cm . Lg cobbles in SW side. Forms nice  
w. + S. line. Southern wall larger than northern

⑥ 50 cm . FEW cobbles, But we can find corner  
points. S wall higher

⑦ 35 cm . 2nd largest size. <sup>more in height?</sup> made of first sized  
with a few 20x20 cm cobbles S wall higher

CLUSTER: 1.5 m Radius

② - Structure is Built on slope. E has no wall, but  
or level ground. W wall has 10cm slope.

Structure NOT ~~Square~~ Square, Trapezoid shape.

TRANSIT Point. Fence in SE corner 1st fence/Post  
to the E of fence

NOT An impressive site

PP88-12-14

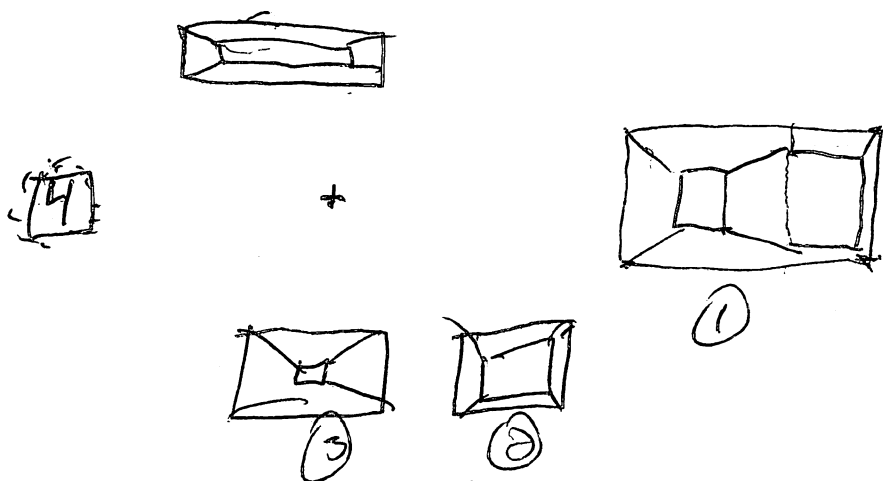
2-10-88

FIELD P

working, 3, 9 + 12

THIS FIELD IS Due EAST OF SITE L. Field  
Approx 75 m ~~AS~~ X 100 m ~~EW~~. Field located  
300 m North of LaSerra main group.  $\frac{3}{4}$  Kilo  
from Rio Chamelion. There are currently About  
50 Large Cows Roaming About the  
Field. Field contains Densely packed  
Grass 30-90 cm High. Quebrada.

SITE - CONTAINS 5 Structures. In SW corner  
OF Field. Structures arranged in "J-Shape"  
(SEE DIAGRAM) NOT MANY Cobbles (10 m. South  
of Site is "Cow Road" Full of cobbles).



Structures - (1) Bi-level - Low = 50 cm, High = 150 cm.  
Low level has Giant, 1 m Diameter, tree in  
the center, many cobbles, largest 20 x 20 cm.  
(2) 30 cm, 2 m x 11 lines of stones  
on N & S side.  
(3) 50 cm  
(4) This structure is 6 lg cobbles,  
30 x 30 cm. At the Base of A Large

D88-12-15

2-10-88

50 cm DIAMETER, TREE. Few Stones  
within 1m Radius of Tree

⑤ 50 cm. APPERAS Rectangular.

ST 6 mound A 1.5 m DIA

ST 7 mound B - DIA: = 5.0 m

ST 8 ST 8 = ~~###~~ Mound ~~area~~ Located in  
Next Field to the South, across Cow Path -  
mound covered in thorn bushes. 2.2 m High  
NO FEATURES.

Mound A + B are Presumably DESTROYED SITES  
in the Cow Road. Both are large clusters  
of large 20 x 70 cm, cobbles

the Cow Road Runs Directly South of this  
Site Approx 3m From ST 1, 2 + 3. 2 Possibly  
DESTROYED Structures. ST 8 10-15 m S. of the  
No other sites NEAR to ST 8 either isolation,  
or part of P group, but off to one side by  
10-15 m.

SEE DIAGRAM D88-12-2



P89-12-16  
2-15-88

On 2-12-88, Matt (3), Patricia (9) & I  
walked the 5 fields North of the  
Road which is West of the Barn.

These fields are directly North of  
Q & directly West of

The fields were of High 1 meter grass.  
In places it was 1.5 m. High. The field  
was Extremely wet. This made for an unhappy  
wet survey team that wanted to get down  
in a short period of time.

The first 3 fields were surveyed very  
closely. Fields were walked multiple times  
with surveys being within 3 m of each other.  
Last two fields were observed just by the  
looking at them from the road.

Also checked field directly East  
of site Q & Q field. Same conditions  
as above except found two mounds at Q  
and another mound 100 m E of Q.  
Q is recorded in Matt's, Patricia's, Chris's,  
Rich's, or Nancy's notes.

SITE S

2/15-88

P88-12-17

Field Field is located at western most edge of property. It is south of (on road) at the western end of the road. Field is 2 Field west of Q. About 175 m west of Q.

Field consists of Grass 50-100 cm Ht. Dense Groups of Grass throughout field. ~~Field~~ A few Pinar trees under 10 m throughout field. Few large trees on North end of field. Field is currently being used as Horse Pasture.

Field is 1 kilo NW of Laserrina main Group. 1.3 kilo NW of Closser River, i.e. Chandon Field Site 300 NW of Quebrada.

Site Site is found in the center of field, along the western boundary. Site contains structures ~~in~~ in a very circular form. The land rises from the north to the south, and from east to west. Several trees on mound (see below). Mound made of <sup>river</sup> cobbles. Average size being 15 x 15 cm or smaller. Few larger 20 x 20 cm cobbles within East mound. An apparent wall lines (see below). 1 piece of possible Polychrome pottery or ~~STRUCT 1~~ <sup>PIECE</sup> (see below).

Structures?

① Multi-layer structures. Although not highest in site, is the largest. 3 apparent levels. Ht. = 130 cm, middle = 60 cm, Low = 20 cm. Low level has large 12 m Bushy tree.

2229

p48-12-18

2-15-88

obscuring it. NW corner of Structure has lg Bushes  
on it. Found 1 pottery shard on Higher level

(1) 60 cm. North ~~side~~ <sup>wall</sup> is Higher than S

(2) 60 cm.

(3) 200 cm. Highest mound. lg 20+20 cm cobbles  
wall running E-W. 2.3 m length on South side

(4) 70 cm. Mound has thin, 10 m high, tree  
on it. NS wall on E side

(5) 50 cm. Total Area of this mound covered  
by a giant clump of cacti. Boundaries extremely  
flexible

(6) 60 cm. LEAST DEFINED Structure on SITE

- on mound 1, largest platform is very Ambiguous  
and not very well defined. Use dotted lines  
when mapping

Co. points Found: D48-9-16  
map Found: D48-3-6

P88-12-19

SITE T

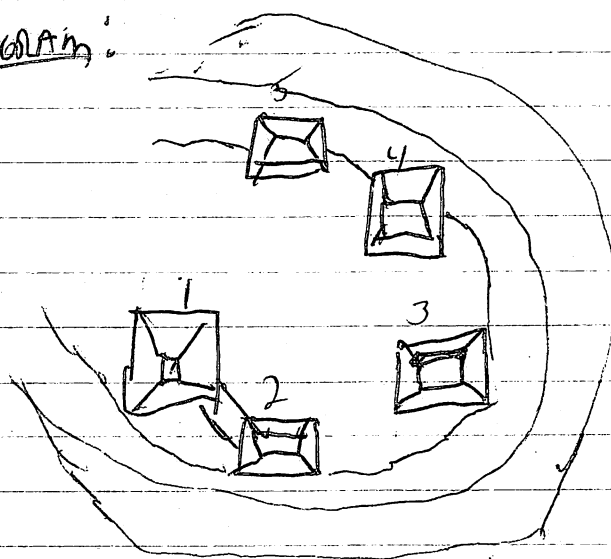
Worked with 3+9 (Mao + Patricia) 2-16-88

FIELD: Field is located Directly North of SITE N. On the Eastern Border of Field is NS cow Road. Barn is 150 m SE of Field. This Field is 2<sup>nd</sup> Field N of EW cow Road.

Field is 100 x 100 m. Field contains Grass approx 40 cm High, with cops of 60 cm Grass throughout. Field appears to be a cow pasture. Field is located 1 kilo N, NW of Riva Chamaleong 750 m N, NW of Lasevian Main Group.

SITE: Site is located in ~~East~~ middle of Field. Contains 5 Structures in a "U-Shaped" Form, Open part of "U" being to the NE. All Structures located on a Natural or Low Natural Rise in the middle of the Field. Structures are made of Riva cobbles ranging from 5-15 cm<sup>2</sup>, Few large 30-40 cm<sup>2</sup> over. The Cause way between 1+2, Structure 1 is definitely Highest + Largest Structure.

Diagram:



# SITE T (CONT)


P88-12-20  
2-16-86

STRUCTURES. ① 100 cm Ht. Largest <sup>Struct</sup> ~~Structure~~ on South side. SE corner becomes Causeway to #2. Large 30-40 cm cobbles at SE Causeway End.

② 40 cm Ht. SW side Ht. from Ground. Connects to #7 via Causeway in NW corner. Struct is not much higher than Causeway. Height 5-10 cm.

③ 50 cm Ht. Low, wide, not incredibly well defined.

④ 65 cm NE corner Ht. On top of #4. Running EW along N side, is a large pile of large (up to 35 x 35 cm) River cobbles. Contains perhaps 30+ cobbles and is approx 20 cm Ht. It's located almost on Terminal North side.

⑤ ~~30~~ 30 cm. Not very well defined. North side than almost non-existent South side. T.C. #5 =  N ~~side~~

Mound on #4 50 cm wide (nd), 1.5 m long 25 cm Ht. Stones are large, but basically flat. Assemble stones used to "Build" cobbles' STAIRS.

Points Found: P88-9-14  
map Found: P88-12-3

SITE U 3, 12, 9, 2, 18, 11

PSS-12-21  
2-18-88

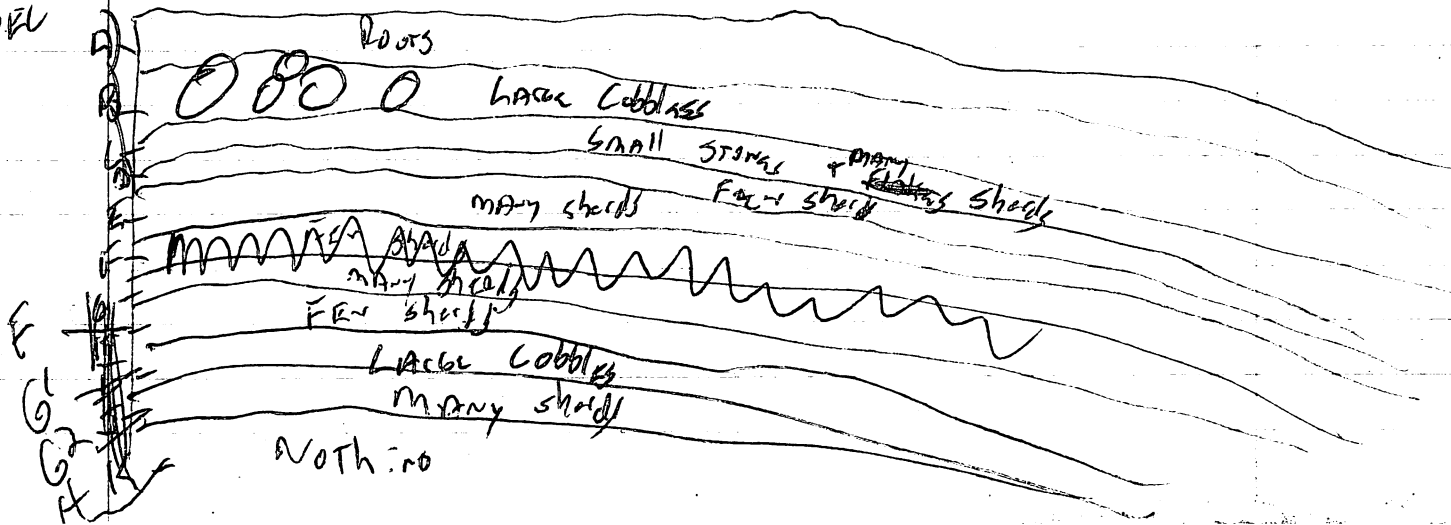
### GROUND/Surface Collection: 10I

Directly E of Chamelcon. Eroded Bank 7m Higher than River. Bank is cut into BASE of SEVERAL mounds. 16 Defined lots

Each lot is defined by the BASE of CLIFF to end of path which is 2-4 m. Away from BASE. All lots are 5 m Across, except 1, 12, 14. Lot 1 is the South pass LEADING from Ground Level to BASE Level. It is Approx 10 m long. Lot 12 is the North Pass which curves upward. It is ~~12~~ Approx 12 m long. Lot 14 is an Eroded inlet into BASE of Cliff. It is 5 wide Along the Base, and goes into Cliff Approx 4 m.

DESCRIPTION of CLIFF FACE: Cliff is Approx 4 m from Base to Top. Structures on Top of Cliffs. Tumble down + Erosion have caused a deposit of ARTIFACTS on Path at Base. Along the face are well defined STRATIGRAPHIC layers. Starting from top can be SEEN Large Layer ~~Strata~~ of Stones, ARTIFACT Layer, "Stools", etc. SEE Diagram

X-SEL



1988-12-22  
2-18-88

Description of Layers:

- (A) Roots - 45cm
- (B) Large Cobbles - 38cm
- (C) Small Stones, DENSELY Flakes - 17cm
- (D) Partly STERILE - 11cm
- (E) ~~DENSE~~ ~~Small Stones~~ <sup>7cm</sup> ~~with small Flakes~~ ~~Densely packed~~ -
- (E') Small DENSE Shards - 3cm
- (F) "STERILE" - 16cm
- (G') Middle-Lg Cobbles - 14cm
- (G') DENSE Flakes - 5cm
- (H) - STERILE

P88-12-23  
2-19-88

## SITE 4:

STRUCTURES: (26) Small mound, mostly cobbles  
Cobbles on level ground in radius of 2m  
around structure.

(25) Small mound. Similar to (26).  
Area Around 25 + 26 + F1 + structures and it  
is a possible "plaza" or "platform". ~~Area is~~  
Although not raised above field area is covered  
with cobbles. Does not seem to be dug entirely  
to tumble down. in cca conclude that is a  
cobbled plaza joining/leading under structures  
Both 25 + 26 are small + eroded + a bit difficult  
to boundaries

TERRACE Supporting 22, 23, 24 = F1

TERRACE is an Approx 40cm. High. It supports  
Stc 22, 23, 24. South part of terrace connects  
with "plaza" mentioned above

(24) On top of F1. <sup>SW</sup> Rectangular Bldg.  
possible platform Extending to the South. Top  
Back of F1 with many lg. cobbles  
Cobbles range from 15x15cm to 45x45cm

(23) Lower than 24. Extends to make the  
SE part of F1. no cobbles over 25x25cm

(22) Smaller structure on F1 cobbles Avg 20x20cm  
not well defined boundaries

(20) High Rect with cobbles ranging from 10x10cm  
to 20x20cm On the SW corner of  
this structure to a 2.5m<sup>dia</sup> hole. One



PKS-12-24  
2-19-88

From Lg TREE or Human DESTRUCTION

(16) Flat, Badly Eroded Structure. FEW  
Lg 30x30 cobbles, BUT NOT a NUMEROUS of  
OTHER STRUCTURES.

(14) Incredibly overgrown with vines, thorns  
& trees. Impossible to PENETRATE. On top  
of Summit is 15m Hgt tree. Bird makes  
it possible to PENETRATE. Avg cobbles = 15x15 - 20x20 cm

(17) Covered w/ 1.2 m HIGH Grass on SW  
Side has 3 m tree. Low mound, FEW  
Cobbles

(15) Birdland & Bant. Low to South. Two  
South Ends have trees in the corner

Stop taking notes to work on STADIA Rod with  
PATRICK.

Monday, 2-22-84, Crew continued to map  
and take notes. I worked in Field N.  
Other notes on ind. Structures can be found  
with NANCY.

TRANSIT Points Found: P8F-ANNA

MAP Found. D48-147

Site V

P88-12-25  
2-22-88

working (SOOT) with 11,

while Crew finished mapping G. MATT, Liza, & I went & TAGGED SITE V. Found Approx 20-25 structures. 5-6 of them were 2+ m HIGH. Largest structure is on North End of Site & is approx 20 m LONG. And workers clear this off. Found many lg structure on East side of Site. Most structures are too overgrown to even SURMOUNT. Field has not been used for many years, and a thick blanket of 1-2 m HIGH thornbush all over the place. In SE corner of Site is the start of a Quebrada, Rio Chamelecon only 20 m EAST. The North wall of the Quebrada had been eroded to produce a 1x2x.5 m mound of loose dirt. In this dirt were many large shells. Took Surface Collection - 10K-1. North wall has living platform within stratigraphy. Nice complete fossil within wall.

Also did Surface Collection along W Bank of River:

- 10K-2 - 75 m North of 10K-1. 15 m long. Shells 3 m wide.
- 10K-3 - 14 m N of 10K-2, on Path Leading from Rio to Site. Shells, etc.
- 10K-4 - Dir. N of 10K-3. Eroded Inset into Bank, Approx 5 m DEEP & 3 m wide.

collections were from Rio Bank - ~~to~~ of the other bank to GREAT lake directly Below field.

For Mattia Lot Notes See NANCY, 88-11-5

pgs-12-26  
2-25-88

SITE W

LA SERRA 5

For Complete Description of SITE,  
SEE Nancy, pgs. -

Working with 13, 9, 3, 14, 11.

SITE is made of 6 structures on  
a 3 m high man made mound.  
Several graves are located on  
level ground to the south of  
man group, most of these are  
point structures.

Taking these notes only bcs  
I have the Transit points. I held  
Stadia Rod + Survey Surrounding Area  
the ENTIRE TIME

# SITE W

P88-12-27

	LOCATION	MID	BOTTOM	TOP	HOUS E	RET
ST RAMPWAY FEATURE	A.	<del>3786</del> 3767	3686	3850	128°	0
	B.	3649	3598	3702	114°40'	0
	C.	5685	5577	5798	97°	0
	D.	5756	5655	5848	75°30'	0
STAIR TERRACE A		4355	4236	4475	120°15'	0
	B.	<del>4619</del> 6115	5982	6264	102°10'	0
structure 2	A.	4307	4182	4440	127°08'	0
	B.	4038	3917	4162	133°53'	0
	C.	3841	3751	3930	131°50'	0
	Elev		3770			
structure 3 III	B.	4205	4062	4351	131°03'	0
	C.	3965	3825	4104	142°17'	0
	A.	4030	3853	-	132°20'	0
	Elev		3056			
structure connector #3 #4	A.	3765	3590	3952	144°48'	0
	B.	3607	3423	3791	148°56'	0
	C.	3667	3500	3839	149°02'	0
structure #4	A.	3815	3652	3976	149°51'	0
	B.	4056	3893	4220	<del>156</del> 156°42'	0
	C.	4465	4266	4667	<del>155</del> 155°45' 155	0
	Elev		3464			

351  
692 1001

Site W

185-12-28  
2-26-86

distance

Location	Mid	Bottom	Top	Hor	Vert
<u>Platform C</u>	3815	3628	4003	147°48'	0
D	5845	5620	6079	144°45'	0
<u>Structure 5</u>					
A.	3750	3571	3927	174°10'	
B.	3690	3545	3835	182°40'	
C.	3856	3686	4023	194°20'	
Elev		2816			
<del>Structure 5</del>					
<u>Platform</u>					
E.	5975	5725	6221	185°45'	
F.	3495	3772	4175	186°35'	
G.	5954	5764	6146	200°21'00"	
H.	4217	4327	4090	212°22'	
<u>Structure 6</u>					
A.	3705	3564	3846	194°50'	
B.	3862	3746	3978	188°33'	
C.	3655	3561	3751	197°35'	
Elev		3295			
<u>CAUSEWAY B-7</u>					
A.	3526	3425	3625	200°08'	
B.	3774	3672	3875	208°16'	
C.	3605	3521	3696	203°43'	
<u>Structure 7</u>					
A.	3983	3683	4082	202°13'30"	
B.	3723	3641	3803	189°58'	
C.	<del>3749</del> 3749	3730	3865	204°44'	
Elev		3533 3533			
<u>Platform</u>					
I.	3844	3804	3960	202°15'15"	
J.	5655	5533	5778	236°00'	
K.	6155	5933	6389	198°28'	
L.	3740	3645	3925	194°12'	

Site W

PK 8-12-29  
2-28-88

Transit height A 1615  
Transit height B 1615

Distance

Location	Mid	Bottom	Top	Hor	Vert
Platform M.	<del>6210</del> 6210	5925	6500	175°05'	
Flat uphill → N	5375	5175	5635	174°55'	
				293°20'	
Transit point	6595	6120	7082	113°20'	
Structure #1		124007751708		293°20'	
Flev		<del>1253078</del>	7724	301°22'	+2°45'
A	1653	1200	2107	<del>301°22'</del>	<del>10°58'</del>
B	1185	0760	1607	296°05'	+1°30'
C	4510	3985	5045	292°51'	+2°30'
Str 6 - point	1456	1210	1670	264°25'	+1°
Str 9 - point	2655	2135	3180	231°55'	"
Str 10 - point	1473	1309	1636	228°04'	"
Str 11 - A	1541	1422	1662	204°30'	"
Str 11 - B	1482	1384	1580	197°23'	"
C	1475	1356	1795	223°40'	"
Str 12 point	1452	<del>1242</del>	1631	198°31'	"
Str 13 point	1300	1172	1428	180°03'	"
Str 14 - A	<del>1656</del>	1610	1704	111°20'	"
B	1695	1626	1763	89°22'	"
C	1695	1604	1786	85°54'	"
D	1466	1860	2054	77°35'	"
E	2025	1887	2163	84°05'	"
Str 15	1936	1464	1987	28°56'	"
Str 16	2905	2630	3180	123°20'	"
Quabana/A - A	4545	4200	4987	161°52'	"
- B	4382	4052	4715	116°18'	"
- C	3271	3000	3530	138°35'	"
- D	2854	2582	3125	166°00'	"
- E	<del>3085</del>	2755	3425	183°30'	"
- F	3133	2713	3555	197°05'	"

Mountain

# SITE W

REC-12-30  
2-24-48

Ser	mid	Bot	Top	Hor	UEa	DIS
6	3422	2922	3907	201° 47'	+1°	
TRANSIT HGT -	161.5 cm					
TARGET - POINT	2467	1880	3058	74° 40'	+15'	





P86-12-31A

3-3-66

Working w 3 + 15

## GROUP AA:

Located 2 Fields South of Y, 200m.

450m SE of E, W, + 230m NE of Z.

Group Tri-secured by FENCES.

There are 13 mounds here. 4 of them are DESTROYED. Str #10 + 11 are not square, but ~~are~~ have a PATIO + BEND respectively. Str 1 is partially DESTROYED by trees. Str 11 has TREE @ BEND & ~~o.o~~ may not be a "True" BEND.

DESTROYED Structure #8 has very little EVIDENCE for Str. However, 2 Shards were found within PERIMETER.

A woods begins in the East part of the Site and would have DESTROYED any Str West of 10, 12, 13 + 1. Impossible to Survey in. 75 to NW is Group AB. Choose not to TRANSIT AA + AB together.

There are a number of "mounds of stones" that have been piled by modern day Human hands. This would Account for the INCOMPLETENESS of many of the structures.

POINTS: P86-12-

MAP: D86-12-6

★ (3 RAR Stadia Rod, Points a little Rough)

140  
130  
140.8

110  
124

P88-12-320  
2-3-88

SITE AA

STR	MID	BOTTOM	TOP	HORIZ L	DIST	VERT L
1A	1.358	1.276	1.442	<del>1141</del> <sup>141</sup> 30	166	0
1B	1.420	1.358	1.475	125 15	107	0
1C	1547	1450	1639	109 55	189	0
1D	1250	1201	1386	125 10	272 (?)	0
1E	1476	1370	1588	115 10	218	0
1F	1598	1470	1739	110 14	<del>111</del> 269	0
2A	1648	1591	1704	164 40	113	3.20 min.
2B	1478	1415	1545	199 04	130	3.20
[4 elevation]	0818	-	-	-	744	-
2C	<del>1562</del>	1538	1588	229 45	50	3.20
3A (1 point)	1048	0950	1148	240 30	198	0 D=2.5
4A	1158	1078	1237	256 15	159	0
4B	1396	1350	1440	248 0	90	0
4C	1468	1426	1501	290 20	75	0
[4 elevation]	0570	-	-	-	770	-
5A	1309	1222	1396	308 31	174	0
[5 elevation]	0860	-	-	-	46.8	-
5B	1421	1333	1508	339 10	175	0
5C	1256	1151	1362	327 30*	211	0
6A	<del>1533</del>	<del>1390</del>	1536	325 45	289	0
6B	1345	1218	1472	334 45	254	0
6C	1138	1033	1242	321 25	209	0
[6 elevation]	0963	-	-	-	32.8	-
7A	1458	1371	1542	347 30	171	0
7B	1511	1427	1592	29 30	165	0
7C	1484	1436	1532	51 25	96	0
[7 elevation]	0269	-	-	-	12x1.0	-
8A (1 point)	1448	1323	1568	359 5	245	0 D=2.5

# Site AA.

12-37  
p-88-~~100~~

STR.	MID.	BOT	TOP.	Hort L.	Dist.	Vert L.
9A.	1711	1519 ✓	1911	25 0.	392	0.
9B.	1756	1612	1900	28 10.	288	0
9C.	1862	1701	2024	44 28.	323	0.
[9 elevation.	0863]	-	-	-	93	-
10 A ✓	1750	1641	1750	67 40	109	0
10 B.	1642	1556	1726	47 0	170	0
10 C.	1431	1382	1479.	61 15	97	0
[10 elevation. A.	0793]	-	-	-	42	-
10 D.	1505	1436	1582.	88 50.	146	0
10 E	1488	1428	1569	105 55.	141	0
10 F.	1384	1340	1438	102 25	98	0
[10 elevation B.	1021]	-	-	-	50	
11 A	1721	1570	18769	63 55.	299	0
11 B.	1737	1601	1872	73 20	271	0
11 C.	2056	1975	2241	69 10	266	0
[11 elevation. A.	1332]	-	-	-	50	24
11 D.	1836.	1684	1989	59 40	305	0.
11 E.	1953	1786	2121	56 35	335	0
11 F.	1894	1815	2175	60 10	360	0
[11 elevation B.	1683]	-	-	-	33	2
12 A (point.)	1639	1506	1772	85 20.	266	D=1.5
13 A (point.)	1448	1339	1557	99 45.	218	D=2.10
[12 elevation B.	1124]	-	-	-	31/40	-
[13 elevation (point.)	1720]	1145	2300	290 25.		0
(Tie in.)	2290	1560	2990	273 25.	143	0
		2990				
		1560				
		1430				

# GROUP A13

188-12-34

STA	MID	BOTTOM	TOP	HORIZ	VERT	VERT
					188-88	VERT
					DISTANCE	
1A	2306	2114	2445	29°	381	1
B	2038	1871	2185	24° 55'	314	
C	1438	1676	1944	13° 10'	322	
2A	2366	2175	2559	15° 45'	384	
	1269			AD = 1067	DC = 664	
2A	2470	2752	3141	54° 35'	439	20
B	2798	2601	2447	54° 50'	396	
C	2565	2313	2741	51° 25'	348	
Elv	2231				EL = 546	
3A	1444	1618	2050	74° 50'	332	10
B	1405	1735	2075	80° 35'	340	10
C	1441	1178	2102	87° 40'	327	1
4A	1386	1320	1454	61° 45'	134	1
4B	1390	1326	1444	48° 45'	118	1
4C	1424	1384	1464	44° 55'	80	1
5A	0870	0823	0918		EL = 53.5	
5B	1640	1534	1750	15° 40'	216	
5C	1900	1368	2520	24° 00'	1152, 1300	

TRASIT H6H - 1475

# Group A 6

P88-12-35A  
3-8-86

working with 14

Only 1 Structure

Point	Horiz L	Mid	Bottom	Top	Dist	UFOT L
<del>A</del>	<del>324°10'</del>	<del>2051</del>	<del>1975</del>	<del>1237</del>		0°
B	274°30'	1297	1245	1299		0°
C	281°0'	1219	1145	1265		0°
Elv	303°10'	0.890				0°
Post 5	148°10'	1.539	1460	1612		4°20'
A	324°30'	1175	1142	2050		

10.4 m.  
12 m.  
15.2 m.  
giant hill coming down from SE to post # 5

P88-12-25B

stadia red

tran	tie in pt.	horizontal L	vert L	middle	bottom	top	distance	height
TRAN 1	AA/AB	150° 05'	0° 28' +	1713	1210	2218		
165 cm	Z	179° 00'	0° 50' +	3187	2355	4027		
	(post in road #1)	15° 26'	1° 35' +	3240	1994	4498		

135 cm	Post #1	155° 20'		2335	1815	2810		
TRAN 2	Post #2	13° 10'		2621	2313	2937		
	Y/W	157° 30'		2213	1675	2910	36.4	

TRAN 3	Post #2	135° 45' + 15'		2655	1410	3450		
158 cm	Post #3	27° 20'		3245	260	3880		
	TRAN #4	334° 10'		3300	2445	4220		

TRAN 4	tie in to post 3	107° 50'		5628	4905	6325	142.0	
	tie in post 4	62° 37' + 5'		5152	4554	5758	120.4	
	TRANS 5	272° 00'		2735	2125	3875		

TRAN 5	10N	159° 20'	0'	1385	1285	1523		
146 cm	10P			3170	1620			
Post 5	<del>10N</del>	724° 10'		3440	2640	4270		
	<del>10P</del>	7304° 10'	2° 30'	1875	1370	2235		

TRAN 6	Post 5	87° 30'	-1°	2342	2075	2605	11.1	15.6
156 cm	TRAN 7	272° 50'	50' +	1652	1040	2223		

TRAN 7	Post 6	287° 00'		0921	0424	1381		
--------	--------	----------	--	------	------	------	--	--

TRAN 8	Post 4			3195	2475	3120		
	<del>TRAN 9</del>	42° 05'		3785	2560	5010	1.1	1.56

TRAN 9	Post 7	45° 30'		1.572	1.280	1.850		
--------	--------	---------	--	-------	-------	-------	--	--

958-12-37  
35L

TIE-IN- Horiz L VERT L MIDO Bottom Top DISTANCE

TRAN 10  
152 cm  
Post 7  
Post # 7  
10L  
M  
2.452  
2.100  
u  
2.605  
2.372  
L  
2.305  
1.849  
scope  
0°  
1:13'  
A  
321° 45'  
182° 15'

TRAN 11  
145 cm  
Post 7  
Tree 8  
M  
0.790  
1.712  
u  
1.265  
2.222  
L  
0.322  
1.212  
scope  
1°  
0°  
A  
251° 10'  
62° 0'

TRAN 12  
150 cm  
Tree 8  
Tree 9  
195° 5'  
321° 05'  
-54  
0  
2352  
1265  
1859  
2848  
215  
2130

TRAN 13  
145 cm  
Tree 9  
Post 10  
212° 10' + 4° 30'  
280° 15' + 2°  
2435  
2664  
2182  
2087  
2679  
3237

TRAN 14  
Post 10  
Tree 11  
105° 05' + 2°  
278° 10' + 1°  
5930  
1559  
5385  
1281  
6475  
2450'

TRAN 15  
Tree 11  
Post 12  
108° 50' + 1°  
285° 45' + 45'  
3105  
1415  
1634  
950  
3624  
1880

1038

WOW

1940

p 88-12-35D

TRANSIT	PT	VEAS	Hous	Mio	Bottom	Top	DIST
1	Post U		31° 40'	3665	2900	4340	
	Special spot		166° 45'	2380	1650V	3130	148.0

TRAN	Sp. Spot		61° 17'	2104	1663	2547	
2	Post V		68° 22'	1718	1324	2119	
	Post P		186 31'	1945	1607	2082	

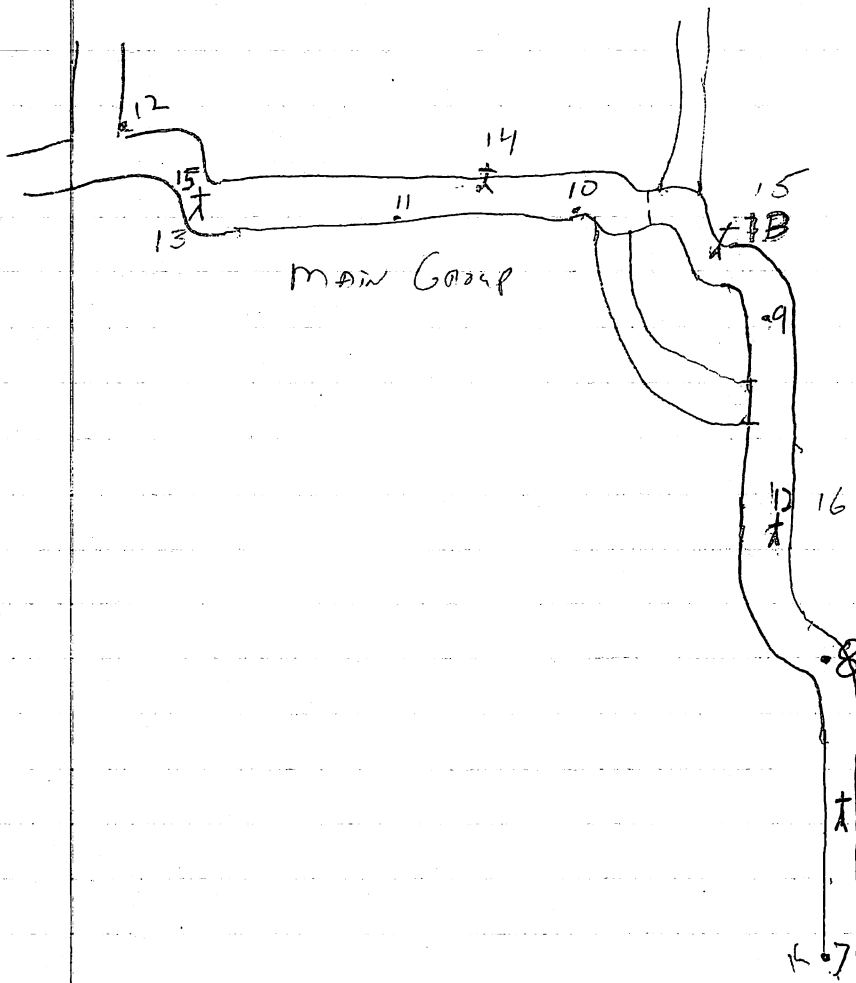
TRAN	Post P		79° 55'	1661	1324	2004	
3	Post L		259° 05'	0621	0580	0687	
	Post a			2125	1545	1755	

TRAN	Post a		16° 00'	2950	1785	2645	
	Post w		193 05'	1720	1015	2425	



[illegible]

0488-12-~~23~~  
35F



N ↑

10L  
(44)

Gandol

P88-12-36

3-14-88

- 13A/70 - Cont. 130 cm x 100 cm 110-119 BGS E of Fair Oaks  
171 - SAME UNIT as 70, 119 cm - 144 BGS. Found: Figurine HERO  
172 - SAME UNIT as 70, 141 cm - 165 BGS \* Obsidian, bowl base  
173 - SAME UNIT as 70, 165 -

- 14C/39 Cont 1x1 m PAT of 31, follow Basal wall 0-60 BGS  
40 SAME unit as 39, 60-88 cm BGS, 58 cm at unit, N = wall  
41 1x1 m sq to west of 40, 0-~~52~~<sup>50</sup> BGS. Found O, F. bone,  
Stamp w/ bird & Arrow motif  
42 SAME as 41, ~~27~~ cm BGS

- 16A/46 ~~cont~~ Finish Removing Trench 1<sup>st</sup> 7<sup>th</sup> 96 cm - 50 BGS  
47 Bone found in Trench 1<sup>st</sup> 7<sup>th</sup> wall  
48 120 x 100 cm, 104 - on BGS, Burnt Firegr & Bricks

1988-12-37  
3-14-88

19A/28 - Square 4A; 1m x 1m Ex No-20cm BGS.  
129 - Sq 1A; 181m, 20-40cm BGS

20A/18 Cont 60-80 cm DGS Sqs 12, 13 + 14

19 Same Unit as 18, i.e. <sup>Sq</sup> 12, 13 + 14, 80-100 cm BGS

@ 100 cm a Stone Pavement was Found. Shards found on top of pavement  
At 100cm - Right on Pavement Layer

PGS-12-38  
3-15-88 3846

- 13A/74 Same unit as 73, 172-192<sup>SE</sup> cm BGS, F:11  
/75 1x1m Squ. 0-45 cm BGS, Directly S of Eureka.  
/76 1x1m, 0- cm BGS, Directly S of 75, i.e. Extension.  
Continuing to follow basal wall Eureka  
/76 Same as 75 40-60 cm BGS.

- 14C/42 Same as 41, 58- cm BGS. Find ~~small~~ "Tiger" whistle 2 m E of W wall  
/43 North of 41, 100x40 cm, Down to level of rock

- 16A/44 120x100 cm, 104-140 BGS, Btw Fingero + Avitia  
Avitia wall 180 Door = 59 cm E of western wall of pit, 95° compass Bearing  
/44 Rocks in Avitia wall, Entrance 54 cm, 39-73 cm BGS.  
Avitia wall: Door = 57 cm E of western wall of pit  
/50 Below Avitia wall. 75-147 cm BGS.  
Dea Features wall: 96° comp. Bearing.  
/51 Clearing BGS Fingero & La Trinita 147-158 cm BGS  
/52 Same as 51, 158- cm BGS



PC 8-12-39  
3-15-88

19A - ~~L-113~~ ~~80~~ ~~CONFIDENTIAL~~

130 Sample 20, 40-50 cm BBS - Tooth

132 S<sub>g</sub> 2A, 20-40 cm BGS,

Naming wall: VACAS 383 en S of CA Ballos.  $W_{SS} = 10cm$  BGS,  $W_{PS} = 10cm$  BGS

33 cm wide. ~~33 cm~~ - NW side/Bottom = 55 cm BGS, NE side/Bottom = 58 cm.  
65 cm North of South wall at trench (Sq. 7)

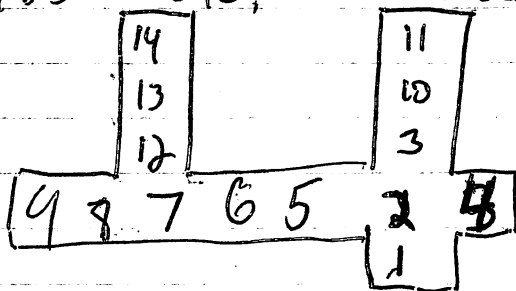
131 S<sub>2</sub>IA, 1x1, Sama unit, 50-60 cm BGS

20A / 20 CONTINUE

120 Continue  
21 LAST 30 cm. of  $f_{s4}$  14, ~~100-150~~ <sup>90-110</sup> cm BGS (20 cm BPAV core)

122 S. 11. 180m, 30-74<sup>SE</sup>cm

123 Se 10, - cm BGS, /X/ m



P C Sirodo - DAVE - ...  
 Lab: ...  
 DVF: ...

P88-12-40

16A

3-15-88 /52 Btwn Fiagno + LATRINIA. 158- cm DGS. 2 BGS  
 3-17-88 /52 CONT  
END

19B

-DEF 1 x 5.5 m, Str 61, North Side to Summit

1 Northward 1 x 1 m Sq, 0-20 cm BGS.

2 Same, 1 x 1 m, 20-40 cm BGS. ~~BGS~~

3 Same, 1 x 1 m, 40-60 cm BGS. Bone @ 47 cm

4 Same, 1 x 1 m, 60-82 cm BGS

3-16-88 15 1 m E of 14 0-20 cm DGS 1 x 1 m

16 Same 20-40 cm BGS

17 Same 40-60 cm BGS LEAVING E. side of Sq - Possible wall

18 7 m EAST of 15, 1 x 1 m. 0-20 cm

3-20-88 19 Same as 1 82-95 cm BGS. worked Bone <sup>ENGINEERING POINT</sup> FOUND RUTGERS

110 Same as 15. CLEARING STONES looking for walls. 60-72 cm BGS

111 Same as 18 20-60 cm BGS

WALL: RUTGERS width - 32, 50-74 cm BGS. No ~~edge~~  
 154 cm S of N edge of Trench

112 1 x 60 cm. 72- cm BGS. In 2nd Sq (14). CLEARING  
 Rocks

3-21-88 19C - Def: 1 x 4 m Trench Running S to N on "Base" "Summit" Str  
 57.

1 1 x 1 m South End of Trench. 0-20 cm BGS

2 Same 20-40 cm BGS

3 Same 40-62 cm BGS, Concretion

4 Same 62-61 cm BGS

5 Same 62-81 cm BGS

16 2A. ~~16~~ Following <sup>57</sup> Trench N. 1 x 1. 0-20 cm BGS

17 2 Same 20-43 cm BGS

18 2 Same 43- cm BGS

P88-12-41

## 20A

3-15-86

/23 S<sub>q</sub> 10 <sup>1x1m</sup> 49-104cm BGS. 1x1m. 2 BGS

3-17-86

/24 S<sub>q</sub> 3, 1x1m, 35-87cm BGS, looking for Pavement

/25 0-1.3 m S of North wall of TRENCH. 40-cm BGS <sup>NW</sup>

(22, 23, 24, 25 have followed pavement 1100cm DEEP

## 20B

<sup>SW corner</sup>  
TRENCH Runs Diagonally from NW of 20A S<sub>q</sub> 1  
TRENCH is Axial from South Wall, North towards  
Summit of Stc 69. Following Pavement up to Basal  
wall of 69. End of TRENCH is on possible Staircase

3-16-86

11 Southernmost S<sub>q</sub> in 20B. 0-20 cm BGS. 1x1m

12 Same S<sub>q</sub> 20-40 cm BGS. 1x1m

13 NORTH of 11/2 0-60 cm BGS 1x1m

14 BACK to Lot 1 AREA. 40-67cm BGS

3-21-86 15 S<sub>q</sub> 2 (13) 52-68 cm BGS

16 S<sub>q</sub> 3 0-87 cm BGS. Found Tumble

3-22-86 17 S<sub>q</sub> 1 67-83cm BGS. Looking for Pavement LEV. 100 x 100

18 S<sub>q</sub> 2. 1m x 90cm NS - 60 cm BGS

19 S<sub>q</sub> 3 32-41 cm BGS

110 S<sub>q</sub> 4 0-44 cm BGS

111 S<sub>q</sub> 5 1/2-30 (10 cm) ? F. S<sub>q</sub> 4-12. Clearing Face of REPPION



DAVID

P88-12-41

13A

3-15-84 ~~177~~ 1x1m, 0-58 cm BGS, S of 175, Following - 0 BGS

Basal wall: 2 BGS

3-17-84

177 Cont RECALIBRATED 1m NS x 1.35 E-W. Found - BONE

178 South of 77, changed X to Follow Basal wall. 1x1m  
0-60 cm BGS

3-14-84

179 50 cm E of S of 78 0-60 cm BGS

180 1x1m East of 79, 0-60 cm BGS. In towards

St: Along wall, MATAM

181 60 cm W of Eureka leg toward Base of Eureka

2 m along Eureka N-S. At northernmost Edge of trench

Looking for Eureka Base 74-85 cm BGS

3-21-84

142 1x1m, South of 79. Crossing over E wall looking  
for continuation. 0-22 cm BGS SW

143 Back to 61 AREA. Clearing 50x60 cm Patch

20 cm BGS 60 BETWEEN EUREKA, SAN FRANCISCO &

MILL VALLEY. 110 cm E of trench wall, placed

CANFIELD Fragment, Eureka Fragment, Obsidian, Burnt Bone

144 1x1m EX W to Follow MILL VALLEY, 0-44 cm BGS 14 BGS

CONT 3-22-84

185 1x1m EX N of of new trench Following EUREKA 0-42 cm

186 Same Unit 42-65 cm BGS ~~was 60 cm~~ ~~at 83~~

187 Shred Concentration 61-82 cm BGS. All Along

W wall, 45 cm E of WE wall. Bas Rim Located 65-80 cm

N of S wall. 20 cm W of E wall (i.e. Eureka

187 Base of 86. 1x1m. 0- cm BGS. Following original

trench toward Summit over Eureka

188 North of 86. EX to Follow EUREKA, 1x1m 0- cm BGS

3-22-84

189 Following Eureka, 0-60 cm 7

190 Small ~~unit~~ ~~in 365~~ Concentration 3 BGS

190 Following Eureka N of 89. 1x1 0- cm BGS

P88-12-43

14C

3-15-88

1/43 North of 41, 100x40 cm, Down to Rock Level. 2 Bob  
0 - cm BGS  
14A/4 - 130 cm NS & 1 m EW. in Axial Trench, Going along Basal  
Wall PRUNE, 30 - 104 cm BGS (contin) 60 cm S of North Trench Wall  
Soil Chng to Darker Soil at Mm, almost at PRUNE BASE

14D

3-18-88

CONT  
3-18-88

1x1 m SEW of 14A/4 70 - 170 cm S of  
North wall of Original trench in 14A. Following PRUNE to W  
0 - 92 cm BGS

CONT  
3-21-88

2 Extending W along PRUNE. 1x1 m, 0 - 90 cm BGS  
13 Extension W along PRUNE - 1x1 m, 0 - 88 cm BGS

3-22-88

14 Ext W along PRUNE 1x1 m, 0 - 88 cm BGS  
15 Then South @ Corner. 1x1 m. 0 - 48 cm. Level of possible  
Stone Platform

CONT 3-23-88

PLATFORM: Corrus Bottom of 15, STONES DANGER  
From 4x4 cm - 20x20 cm. 48-57 cm BGS. 2 cm above  
EUREKA, LAYER of SHEETS resting on SEAVIR  
16 Same as 5, Through & Below Platform 48-79 cm BGS  
17 E of 16, S of PRUNE 100 cm (NS) x 85 (EW)

14E

24 - 89 cm BGS.

13 ~~W~~ W of 12. 0 - 89 cm BGS. 1x1 m E of W of  
(14D/14) (going down to Find Basal wall Bottom 69-90 cm BGS  
14 Ext W of 3. 0 - 88 cm BGS. 1x1

P 88-12-44

19A

3-15-88  
3-17-88

132 S<sub>2</sub>A, 20-40 cm BGS. 2 BGS

132 CONT

133 100x155 cm, North side of Trench. Removing Rocks  
Btwn Caballo + possible new wall. North End is 310 cm  
South of North End of Trench. 40 cm - BGS

134 South of 33 continuing to search for wall  
on way to Summit. 51 - on BGS NEBA VACA.

3-18-88

From VACA to 133 240 cm  
135 S<sub>2</sub>A, 1x1 m, 40-60 cm BGS, 100 cm N of  
South edge of Trench. Unfinished CFT

136 S<sub>2</sub>A, 60-80 cm BGS. O Core, Shell, BEAD. Soil = 73°F  
DEFINE WALL: GALLINA - ~~on~~ North side 2.0 m  
of North side of CABALLO. North side 2.27 m  
N of North side of VACA. Bottom is 69 cm  
BGS. Top is 32 cm BGS on E side. Top is  
36 cm BGS on W side

3-21-88

137 S<sub>2</sub>A, 80-90 cm BGS, Siding, Shell. ~~Continuation~~  
~~of shell for 51 cm BGS + 100 cm BGS~~  
Shell DEPOSIT: 62 cm BGS N end, 68 cm BGS S end, 34 cm  
W of N end, 40 cm W of S end, 94 cm NS

3-22-88

138 S<sub>2</sub>A, 60-62 cm BGS  
139 S<sub>2</sub>A, Shell LAYER 62-84 cm BGS  
140 S<sub>2</sub>A, 1x1, 22-39 cm BGS

~~DEFINE WALL: PATO~~

141 S<sub>2</sub>A, 1x1. Summit. 10 cm Looking for wall

142 S<sub>2</sub>B. Joining 2 halves of search @ Summit:  
1 m (EW) + 40 cm (NS). 0 - BGS

143 31-39, 54 cm BGS whistle Layer partial obsidian ~~CHERT~~  
LAYER of Rock + BEAD. 59 cm BGS  
Run N to S from E-W. 15-62 cm from North end of pit. (E side)  
Underneath this layer is CONCRETE of shell, Ob, DECO, BGS + EMBASSY

3-23-66

7A 54.3 10 - 54

CONF 3-25-84

~~112 59 4 0 - 58°, 17" N. NORTH = 48 cm~~

1/3 53 58<sup>m</sup> 69 cm 665 North 0 GRIP

114 S<sub>2</sub> 65 cm - 84<sup>th</sup> Bbs. North to AIDs. Found Carbon.  
in Foss 5 cm. Did not collect. Found COMPLETE S<sub>2</sub> Bowl  
w/ monkey on Bottom - 6 pieces  
End

END

19D

14 sq I 54cm ~~52~~ BGS. SHELL, DECOR PATT, OBT CHEAT,  
(SEE ROCK / BAJA REGION FROM PREVIOUS PAGE) 4 BAS  
Skull 72 cm BGS 18cm <sup>32</sup> N of So wall - 32cm x 20cm - 32cm  
E dble wall.

19E - 50 cm W of main Trench. SE corner. 364 cm north of S wall of main Trench. ~~Station~~ Looking for CABAD Platform.

1x1m. 0-20 cm BGS

12 sample 1/m 20 - 1m Bbs

P88-12-47

point	middle	bottom	top	distance	horiz	vert
Site 251 A	1242	1155	1324	169	173°55'	+3°00'
B	1275	1215	1335	120	183°55'	+3°00'
C	1572	1502	1649	147	125°50'	+3°00'
elev.	1194					

SITE 255	1700	1582	1818	236	20°40'	0
NE cor.	1680	1520	1830	310	14°10'	-1.5
#1 SW cor	1676	1571	1784	213	6°20'	0 0.5m.
elev.	1095			62m		0
str. 2 pt.	0562	0445	0679	274	156°50'	+1
str. 3 SE cor.	1340	1105	1567	462	137°20'	2.5
NE cor.	1281	1059 (bush)	1510	451	131°25'	2.5
NW cor.	1256	1065	1448	383	132°05'	2.5
elev	0680			62m		2.5

SITE 252						
str. 1 2m across	1105	1004	1206	202	78°00'	+2° 0
str. 2 1.5m across	2790	2726	2854	98	307°10'	+2° 1.6
contour pt. 1	3792	3640	3951	311	40°45'	+2° 2.7
contour 2	1920	1814	2024	213	69°20'	+2° .8
contour 3	2831	2765	2894	129	283°10'	+2° 17
contour 4	6645	6455	6825	370	278°00'	+2° 5.5
str. 3 4m across	0530	0265	0800	270	249°05'	-4°
str. 4	2155	1880 approx	2460	568	244°20'	

058-12-48

4-7-88

working with 11, 12, 13

# SITE 253

POINT	MIDDLE	BOTTOM	TOP	DISTANCE	HORIZ X	VERT X
Sta. 1 A	1752	1705	1800	95	261°25'	<del>325</del> 4°20'
B	1293	1255	1332	77	228°10'	+ 4°00'
C	1478	1410	1542	132	221°00'	+ 4°00'
elv.	1055					+ 4°00'
Sta. 2 A	1886	1798	1975	177	196°55'	+ 5°00'
B	2206	2104	<del>2234</del>	<del>210</del>	209°40'	+ 5°00'
C	1691	1622	1761	139	201°25'	+ 5°00'
elv.	N/A no need					
Sta. 3 A	1788	1664	1805	141	184°10'	+ 5°00'
B	1501	1442	1559	117	211°15'	+ 5°00'
C	1552	1502	1602	100	178°15'	+ 5°00'
no elevation						
transit height → 1.34m						
true in to.						
site 252	1912	1432	2394		322°25'	-2°00'

B88-12-49

4-7-88

working w/ 11, 12, 13

SITE 254

POINT	MIDDLE	BOTTOM	TOP	DISTANCE	HORIZ	VERT
1A	1856	1764	1950	186	107° 40'	+3°
B	1455	1395	1525	130	132° 05'	"
C	1635	1534	1749	214	136° 40'	"
ELV	1015		(2)			"
CONNECTOR A	1243	1162	1339	162	136° 55'	"
B	1244	1160	1322	164	143° 20'	"
C	1355	1261	1455	194	143° 10'	"
2A	1355	1274	1421	147	148° 30'	"
B	1694	1618	1775	157	175° 00'	
C	1852	1736	1965	229	168° 25'	
ELV	0479					
3A	2492	2335	2674	339	133° 15'	
B	2075	1923	2215	292	132° 55'	
C	2115	1975	2258	283	143° 05'	
ELV	1842					
TRANSIT HEIGHT		1.265 m				

188-1250

SITE 250

4-6-88

works 11, 12, 13

	POINT	MIDDLE	BOTTOM	TOP	DISTANCE	HORIZ X	VERT X
Sta. 1	A	1103	1000	1206	206	302°15'	0°
	B	1354	1210	1500	240	307°20'	0°
	C	1439	1300	1578	278	320°20'	0°
	D	1423	1306	1542	236	324°30'	0°
	E	1389	1279	1499	220	324°50'	0°
	F	1141	1032	1249	217	321°20'	0°
	elv.	0693		50cm			0°
Sta. 2	A	1510	1345	1675	330	321°10'	0°
	B	1730	1588	1932	404	333°45'	0°
	C	1879	1519	1839	320	346°00'	0°
	elv.	0951	50cm				0°
Sta. 3	A	1466	1340	1598	258	345°05'	0°
	B	1388	1288	1481	143	342°20'	0°
	C	1768	1672	1862	190	5°30'	0°
	elv.	0961					0°
Sta. 4	A	0865	0578	1146	568	146°05'	+0°02'
	B	1159	0852	1471	614	144°00'	+0°02'
	C	1118	0857	1365	508	137°55'	+0°01'
	elv.	0641		50			+0°02'
Sta. 5	A	0950	0718	1191	473	129°35'	+0°01'
	B	0748	0500	0995	445	134°45'	+0°01'
	C	0773	0498	1045	547	133°30'	+0°01'

tie in pt. 2775 2265 2295

lt. of trans. → 1.33m

73°05'

0°



Sire 262

drawn

4-15-88  
P88-12-51

POINT	MIDDLE	Bottom	Top	DISTANCES	Horizontal	Vertical
1 ELV	3805			<b>86.2</b>		+3° 00'
A	4305	4146	4482	33.6	340° 05'	
B	5075	4650	5270	42.0	343° 30'	
C	4620	4450	4767	33.7	327° 40'	
2 A	5765	5540	5985	44.5	323° 06'	
B	5220	5037	5410	37.3	313° 50'	
C	3283	3061	3500	43.9	327° 30'	+0° 30'
ELV	5180			<b>31.2</b>		+3° 00'
3 A	4141	3999	4280	28.1	317° 00'	
B	36753	3630	3879	24.9	328° 40'	
C	3271	3168	3375	20.7	317° 30'	
ELV	3205			<b>74.3</b>		
4 A	3664	3574	3754	18.0	3° 55'	
B	3272	3145	3360	23.5	2° 50'	
C	3468	3342	3640	29.8	140° 10'	
N wall	2526	2405	2649	24.4	140° 10'	
S wall	2135	2034	2240	20.6	160° 40'	
Top 2-TREE	1535	1220	1455	63.5	149° 00'	
Top 2-TREE	4424	4348	4454	10.6	289° 45'	-180 = 109° 45'
5A	1973	1940	2100	26.0	164° 10'	
B	1470	1758	1990	23.2	160° 45'	
C	2316	2212	2421	20.9	177° 25'	
ELV	1722			<b>59.6</b>		
6A	2180	2050	2310	26.0	177° 10'	
B	2430	2700	2960	26.0	192° 25'	
C	3330	3155	3445	34.0	193° 35'	
ELV	2013			<b>116.7</b> <b>106.7</b>		
7 A	2610	2440	2791	35.1	175° 05'	
B	2940	2648	3224	37.6	173° 15'	
C	3460	3258	3667	40.9	162° 00'	
ELV	2624			<b>57.6</b>		

TRANS = 141.5 cm

# SITE 256

4-11-88

P88-12-52

SITE IS LOCATED ON TOP OF RIDGE THAT RUNS N/S  
DOWN SAN JOSE/SAN ANTONIO ACCESS ROAD, AND RIO CHAMULECON.  
IT IS APPROX. 600 m WEST OF ROAD, + 450 m E OF  
RIVER. SITE IS ON HIGHEST SUMMIT OF RIDGE. THE  
GROUND FALLS OFF SHARPLY ON BOTH SIDES OF SITE.  
AREA AROUND SITE IS CORNFIELD. THE SITE ITSELF  
HAS SMALL 2-4 m TREES GROWING ON STRUCTURES. GRASS  
AND WEEDS GROW ON SITE, FROM 30-100 cm HIGH.  
SITE CONTAINS 5 MOUNDS IN A "C" SHAPE, WITH  
OPEN END POINTING SOUTH.

SITE IS APPROX 300 m DUE EAST OF 251, 300 m  
NORTH, 100 m E OF 255. RIVER CHAMULECON BEARS  
AND RUNS EASTWARD. THE EW RUNNING BRANCH IS  
APPROX 600 m TO THE NORTH.

COBBLES RANGE IN SIZE FROM 10x10 cm STONES, TO  
30x30 cm ones. SMALLER 15x15 cm are MOST  
COMMON.

CENTER OF "C" SEEMS TO BE LOWER THAN  
OUTSIDE OF "C"

ALL STRUCTURES AND AREA IS COVERED WITH TREES  
GOING TO MAKE TRANSITING DIFFICULT.

P88-12-53  
4-13-87

## SITE 259

LOCATED  $\pm 150$  m S, SE OF THE LARGE SITE.  
SITE IS AT THE BASE OF THE FOOTHILLS 100 m TO  
THE EAST AND  $\pm 400$  m TO THE SOUTH THE HILLS BEGIN.

SITE IS ON A SLIGHT incline, RISING TO THE EAST.  
FIELD CONTAINS CRAB GRASS FROM 10-30 cm, RISING OUT  
IN PATCHES. TO THE WEST OF SITE IS WHAT APPEARS  
TO BE AN ORCHARD.

SITE IS "C-SHAPED", WITH OPEN END POINTING SOUTH  
EAST. THERE ARE ~~7~~ STRUCTURES. COBBLES ARE RELATIVELY  
SMALL RANGING FROM LESS THAN 10+10cm - 30+30cm. THERE IS  
A SMALL FLOWING STREAM ABOUT 175 m NW OF SITE.

ON MOUND 4 THERE IS A SMALL HOLE ON THE  
TOP. ON #5 IS A LG, 50 cm DIAMETER TIE, ON  
THE WEST SIDE.

4-15-88-34

# R13 SITE 262

SITE 262 IS 600 m <sup>SOUTH</sup> 1/4<sup>th</sup> THE ROW FROM 168 (i.e. THE SITE TAD & HEATHING ARE EXCAVATING). IT IS IN THE FIELD THAT IS THE 1<sup>ST</sup> FIELD NORTH OF FOOTHILLS. ENTIRE FIELD RISES AS IT GOES SOUTH TO FOOTHILLS. THERE ARE 7 STRUCTURES. 5 ARE CLUMPED TOGETHER, WITH AN ADDITIONAL 2 OF TO THE SOUTH, 75m. STRUCTURES ARE SMALL, LARGEST BEING  $\pm$  75 cm. FIELD HAS AN OCCASIONAL TREE. STR 1 HAS MEDIUM SIZE TREE ON SUMMIT. FIELD IS COMPOSED OF HIGH CRABGRASS, 30 cm, WITH MANY DENSE PATCHES OF TALL 50-100cm, WHERE NEARBY SOURCE OF WATER IS EITHER STREAM NEAR 168, 600 m NE, OR STREAM BY 261, 1400-500m W. COBBLES ARE MEDIUM COBBLES, MOST ABOUT 20x20cm. A FEW LARGER 40x40cm COBBLES ON STR 1. MAIN GROUP IS "C-SHAPE" WITH OPEN END POINTING SE.

3267  
3765  
3311  
13343

4 44  
3 (13 343)  
12  
13

188-12-55

①

Site 261

	pt.	middle <del>bottom</del>	bottom <del>middle</del>	top	Distance	Hori. *	vert *
str. 10	elev.	1202	2.34		3 44.7		
	A	3267	3150	3379	22.9	223°00'	
	B	3765	3586	3943	35.7	258°57'	
	C	3311	3133	3494	36.1	332°11'	
str. 18	A	4009	3830	4185	35.5	281°31'	
	B	4380	4204	4572	36.8	299°03'	
	C	4441	4229	4653	42.4	298°30'	
	elev.	3655	0.64		62.1		
str. 17	A	4578	4377	4775	39.8	309°10'	
	B	4844	4621	5051	43.0	317°17'	
	C	4627	4435	4828	39.3	321°15'	
	elev.	3995	0.74		68.4		
connector 17-16	A	4145	3974	4334	36.0	314°28'	
	B	4189	3994	4365	37.1	318°45'	
	C	4145	3961	4315	35.4	321°03'	
str. 16	A	4267	4100	4422	32.2	314°27'	
no elev.	B	4106	3973	4251	27.8	323°53'	
	on C ?	4346	4179	4517	33.8	331°06'	
connector 15-16	A	4120	3958	4282	32.4	329°51'	
	B	3933	3782	4076	29.4	327°00'	
	C	3974	3832	4115	28.3	333°03'	
str. 15	A	4614	4436	4801	36.5	340°02'	
on B ?	B	4015	3868	4161	29.3	331°49'	
no elev.	C	4010	3903	4118	21.5	338°50'	
	D	4101	3981	4232	29.6	350°22'	
	E	3959	3811	4108	29.7	343°00'	
str. 14	A	5394	5081	5713	63.2	332°21'	
	B	5176	4885	5466	58.1	326°13'	
	C	4951	4695	5206	51.1	333°00'	
elev.		4405	0.64		77.1		

William

188-12-55

Site 261 cont

	pt.	middle	bottom	top	distance	horiz $\angle$	vert $\angle$
str. 13	A	5064	4862	5274	46.2	4° 00'	0
no elev	B	3321	5089	5558	46.9	5° 49'	0
(tree)	C	2243	1989	2449	46.0	353° 02'	3° 12'
o m	D	4692	4435	4943	50.8	339° 17'	-10'
	E	4848	4610	5079	46.9	337° 16'	0
str. 12	A	4249	4140	4354	21.4	4° 05'	↓
no elev.	B	4315	4211	4418	22.7	14° 41'	
o m?	C	4180	4098	4262	16.4	12° 49'	
str. 11	A	3718	3656	3784	12.8	115° 18'	
	B	4199	4138	4262	12.4	53° 28'	
2.7 m	C	3871	3819	3927	10.8	310° 34'	
1 H. / elev		1560			236.9		
str. 9	A	2651	2430	2897	46.7	171° 18'	
	B	3384	3261	3512	24.5	162° 54'	
	C	3502	3344	3362	31.6	137° 06'	
elev.		0425	2.8 m		251.2		
transpose transit 1-2		0841	0404	1300	89.6	174° 50'	+ 1° 10'
back azimuth						354° 50'	0
str. 7	A	5258	5040	5473	43.3	336° 18'	0
	B	4712	4541	4875	33.4	330° 41'	0
	C	4521	4308	4730	42.2	309° 04'	26'
	D	3804	3574	4038	46.4	319° 45'	0
elev. 1		3737			<del>104.3</del> 124.7		
elev. 2		3385	.8 m		<del>104.3</del> 160.0		
str. 8	A	4489	4353	4628	27.5	280° 21'	0
	B	3933	3826	3937	11.1	253° 12'	
	C	4226	4095	4344	24.9	288° 11'	
elev. 4		3492	0.7 m		72.4		
str. 7	A	4845	4754	5041	28.7	54° 14'	
	B	5235	4987	5500	51.3	35° 40'	
	C	4826	4615	5034	41.9	24° 17'	
elev.		2699	2.3 m		226.9		

88-12-57

Site 261

	pt.	middle	bottom	top	Distance	horiz. A	vert A
str. 4	A	4513	4344	4692	34.8	65° 06'	0
	B	4046	3888	4199	31.1	90° 30'	↓
	C	4009	3750	4268	51.8	89° 48'	
	D	3274	3040	3513	47.3	89° 05'	
	elev. 1	2246			144.3		
	elev. 2	1452	2m		273.7		
str. 5	1H <sub>2</sub> /elev.	1540			<del>205.0</del> 2526		
	A	3967	3912	4023	11.1	27° 39'	
	B	4165	4119	4224	10.5	313° 50'	
	C	2638	2572	2705	13.3	198° 36'	-3° 14'
Transpose transit 2-3		0905	0598	1214	61.6	115° 48'	+ 9'
back azimuth						295 47'	
str. 1	A	4146	3915	4382	46.7	223° 39'	
	B	4187	3911	4458	54.7	217° 48'	
	C	4741	3949	4524	57.5	235° 30'	
	elev.	1622	2.7 m		273.6	<del>1163° 05'</del>	
str. 3	A	4295	4198	4398	20.0	1163° 05'	
	B	4342	4235	4448	21.3	208° 16'	
	C	5137	5057	5223	16.6	326° 00'	
	1H <sub>3</sub> /elev.	1575	3 m		301.6		
str. 2	elev 1	1584			272.0		
	elev 2	3871	2m		43.3		
	A	4557	4346	4718	37.2	172° 21'	
	B	4269	4140	4387	24.7	186° 31'	
	C	3062	2918	3211	29.3	185° 38'	
	D	4087	3859	4293	43.4	215° 05'	
						156°	
Site 259							

Summary of work; 1/20/88 - 4/25/88 4-25-88  
PSS-12-88

- Naco Valley Archaeological Project
- Jan 20 - June 19, 1988
- David Schafer, 12

From Feb 3<sup>rd</sup> - ~~April~~<sup>March</sup> 14<sup>th</sup>, I surveyed LASERIA Farm. mainly, I surveyed the Area North and South of main site. During these 40 days I surveyed the following: C, D, G, L, P, S, T, U, V, W, Y, Z, AA, AB, AC, AD, AE, AF, AG. I also Tied all the surveyed groups together and to the main site w/ help of TRANST.

From ~~April~~<sup>March</sup> 14<sup>th</sup> - 25<sup>th</sup>, I worked on Excavation. With the help of Nancy, 13, I worked on pits 13, 14, 17, 20 and the 19 complex.

From April 4<sup>th</sup> - 15<sup>th</sup>, I surveyed the "other side" of the river between SAN JOSE & SAN ANTONIO. WE MAPPED / SURVEYED SITES 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 247, 248, & 249. - Working with LAINIA, 13.

From April 18<sup>th</sup> - 22<sup>nd</sup>, working with Sonya, 8, I helped TRANST in the 175 structure, Post Classic site, 306.

Starting today, April 25<sup>th</sup>, I am starting my project which is Cataloging all the lithics. The Data base Program I am using was created by me during the month of March. While doing this project I will probably assist Excavators w/ Drawing



Photo Log for site # 261  
Large Format Camera

261 - 1 - 1 and 2 261 B / Camera pointed  
east Scale at 40 cm "A" wall.

261 - 1 - 3 and 4 261 C / Camera pointed South  
Scale at 40 cm "JUNK" wall

261 - 1 - 5 and 6 261 D / Camera pointed West  
~~Scale at 40 cm~~ Scale at 40 cm "I", "II" and  
"III" walls.

261 - 1 - 7 and 8 261 E / Camera pointed N, Scale at  
40 cm Boston and L.A. Walls.

261 - 1 - 9 and 10 - 261 F / Camera pointed S,  
Scale at 40 cm ~~Scale~~ "TAFT" wall.

261 - 1 - 11 - 12 - 261 H / Camera pointed E,  
Scale at 40 cm

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Structure	V	Angle	Middle	Bottom	Top	Distance		
20 MW	0	0	617°22'	1480	122	1749	53.8	
NE	0	0	56°38'	1465	1240	1203	1729	52.6
SE	0	2°10'	56°10'	1541	1169	1315	1765	46.0
Elev	0	<del>2705</del>		2705				
pitch	0	<del>2705</del>						

19 NE	0	60°25'	1554	1329	1775	44.6
NW	0	57°15'	1590	1395	1786	39.1
SW	0	60°20'	2266	2071	2464	39.3
<del>pitch</del>	0					
Elev	0	+19		1323		

18 SE	0	76°05'	1850	171	1630	2071	44.1
NE	0	76°05'	1703	24	1440	1966	52.6
NW	0	79°03'	2065	386	1802	2337	53.5
<del>pitch</del>	0	71°18'					
Elev	45'		1679				

# PROJECT OUTLINE

4-25-88

888-12-59

Project objectives: TO Catalog All lithics from the 1988 Mico Valley project, TO determine possible "work-shop" areas through Densely Concentrated Areas.

TO determine, through the help of Temporal Pottery Analysis, the changes in obsidian use between different time periods, with a special emphasis upon the Availability of Obsidian for a specific time period which would reflect upon the grade of said time periods. TO Establish a possible difference in the elite's use of obsidian over the main body and a possible economic tool, i.e. obsidian, that elites had over the main body.

Project Tools: I will be using the Data processing program Paradox 2 to separate and catalog the variety of lithic implements discovered in the field. The four main categories are: BLADES, PROJECTILE POINTS, PREPARED CORES, FLAKES/OTHER. Each category has a table of 12-20 Data Columns. Data Columns contain information such as Operation & Lot Number, TO Dimension of object, TO Material and color.

All cores and prepared cores will also be cataloged in the PVN 88 Catalog files. Pictures of unique objects will be taken on operator's own personal camera.

All information acquired on this project is hoped to assist operator, David Schafen, on his Albion College Honors Thesis due Spring of 1990.

P88-12-60

5-23-88

## SITE 106

4 WORKERS HAVE BEEN CLEARING SITE SINCE 5-16-88.  
STARTING EXCAVATION TODAY, 5-23-88.

MAP OF SITE FROM 1978 SHOWS 411 STRUCTURE  
IN SITE. SITE HAS 6 LARGE STRUCTURES SURROUNDED ON  
ALL SIDES BY SMALLER STRUCTURES. THE TWO MAIN  
STRUCTURE GROUPS ARE 15+16 ALONG WITH 8+9. THIS  
WAS 10 YEARS AGO.

TODAY, SITE HAS BEEN DESTROYED BY HEAVY  
CONSTRUCTION MACHINERY. SRC 8+9+23 PLUS ALL  
SURROUNDING STRUCTURES ARE TOTALLY DESTROYED.  
SRC 21 ~~IS~~ IS SPLIT IN HALF. SRC. 15+16  
ARE BEST PRESERVED. SO I AM OPENING UP  
4 PITS ON SRC. 15+16. PITS B & D ARE ON  
THE NORTH & SOUTH SIDE OF SRC 15 RESPECTIVELY.  
LIKEWISE, PITS C & E ARE ON NORTH AND SOUTH SIDE  
OF SRC 16 RESPECTIVELY. SINCE SITE IS SO BADLY  
DESTROYED, ONLY MAKING AXIAL TRENCHES, EXPOSING BASAL  
WALLS, CONTINUING UP TOWARDS SUMMIT IN AN EFFORT  
TO EXCAVATE ENOUGH SHERDS SO WE CAN PUT 106 INTO  
A TEMPORAL SEQUENCE. WE DO NOT HAVE ENOUGH  
VARIETY IN STRUCTURES, THAT ARE ELIGIBLE TO BE EXCAVATED,  
TO DISCOVER A PRECISE "ARCHITECTURAL STYLE".

Ob. 106 B - Axial trench located on North side  
of Structure 15. Trench starts ~~about~~ 2.5 m from  
probable basal wall

106 B/1. Sq. 1. 1x1m. 0-20 cm. Empty LOT

Ob 106 C - Axial trench located on North side  
of Structure 16. Trench starts approx 3.0 m from

PSS-12-6/

probable Basal Wall.

106C/1 - Sq I. 1x1m. 0-30 cm BGS Empty lot

Ob 106D - Axial trench located on South side of Stc 15. Hoping to join with op 106 B trench at Summit. Trench is approx 3m from probable Basal Wall.

106D/1 - Sq I. 1x1m. 0-40 cm BGS

Ob 106 E. Axial trench located on South side of Stc 16. Hoping to join 106C at Summit. Trench is approx 2.5 m South of probable basal wall

106E/1. Sq I. 1x1m. 0-50 cm BGS. Sheds + obsidian.

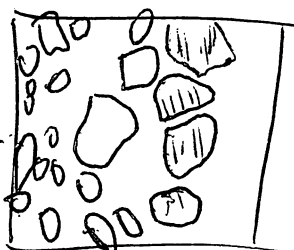
~~106E/1. Sq I. 1x1m. 0-50 cm BGS. Sheds + obsidian.~~

106B/12 Sq I 20-60 cm BGS. Sheds, basalt, obsidian

106E/1 lot is on top of pile of dirt. 25 cm is "Back Dirt" from west side of mound that has been destroyed by construction machinery.

106C/11. Soil here is different than other 3 pits. Pits 106B, D & E all have Dk Gray, hard, clay-like soil. Soil in 106C is lt Brown and very sandy. No sheds in first 20 cm of pit.

106D/1 @ 20cm BGS, 3 layers of Rocks. Appears to be tumble except on East side of pit, 25cm from wall, is straight line of Rocks running North to South. SEE DIAGRAM.



Decided to pull out. Still far from probable Basal wall. Found Sheds UNDERNEATH tumble

PSS 12-62

106C/2 S<sub>2</sub> 30-60cm BGS. SHEAR 2 BAGS

106E/2 First 20cm was "Back Dirt" and had shears. at 20cm BGS. Soil changed to "Sandy" Dirt that is found in 106C/1+2. No shears in this Sandy Dirt

106E/2 S<sub>2</sub> 1. 50-65cm BGS. Shears M<sub>2</sub>

106D/2 Found wall. NOT a Basal wall. Wall is 30cm BGS and runs roughly perpendicular to Structure 15. Shears in the lot are from on top and in front of wall. Wall name is PICKLE.

106D/2 Same S<sub>2</sub>. Eastern 50cm. 40-65cm BGS.

106E/2 Layer of Tumble @ 70cm BGS.

106D/2 Found another possible wall below and EAST OF PICKLE @ 50cm BGS. Running parallel to PICKLE

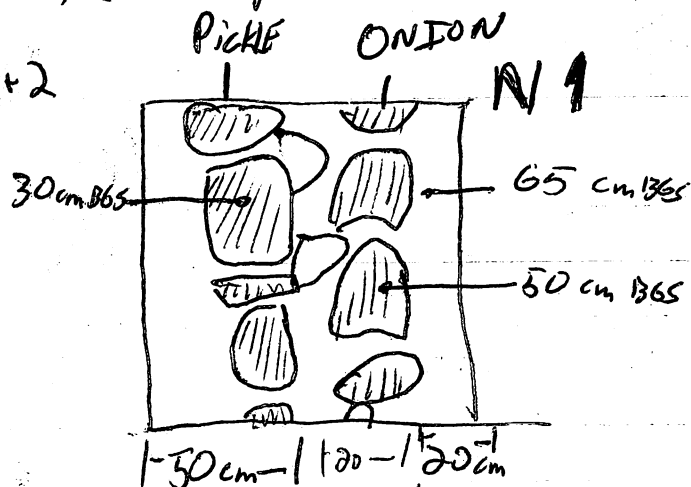
CP A - Surface Collection of Site 106

106A/2 - Surf. Collection of DESTROYED STRUCTURES

8, 9 + surrounding sites. Shears CHEAT blades

106D/2 Found 2nd wall ONION. 49cm BGS runs parallel to PICKLE, (i.e. perpendicular to Basal wall)

DIAGRAM 106D/1+2



106D/3. S<sub>2</sub> 2. 1x1m Ext North Towards Summit. 0-30cm BGS.

106E/3. S<sub>2</sub> 2. 1x1m Ext North Towards Summit. 0-65cm BGS. SHEARS

OSCAR or Johnny

P66-63-63

106B/2. @ 50 cm BGS There is a soil change. IT changes from a light Gray, Silty, Porous Dier to a Reddish Brown, chunky, Clay-like Dier.

106B/3. S<sub>2</sub>. 1x1m Exc South towards Summit. 0- cm BGS <sup>55+65</sup>

5-24-60

106C/3 S<sub>2</sub>. 1x1m Exc South towards Summit 0- cm BGS

106D/4 S<sub>2</sub>. 30-40 cm BGS. Tumble begins @ 30 cm

106B/3 2<sup>nd</sup> 20 cm = Starts

106E/3. Much Tumble. No wall yet. Work was ~~was~~ making vertical cuts into lot instead of Horizontal. May have lost something but I don't think so. LOT OF LG SHEDS.

106B/3 Found possible wall 40 cm BGS. Wall is much further north of mound than I expected. First basal wall to be. much further.

106E/3 ~~Found~~ Soil change 65 cm BGS.

106D/4. BEEN having difficulty following PICKLE + ONION. Have possible continuation of ONION, works cleaning more. Pickle either ① "Steps" up to the surface, or ② The wall Pickle has fallen diagonally down and there is <sup>like</sup> "steps-like" tumble on top.

106E/3. Sheds in lot are from INSIDE i.e. mixed with, Tumble. If Tumble is tumble, no problem, If wall, problem.

106E/4. S<sub>2</sub> 1x1m 65-100 cm BGS.

106B/3. Found wall CHOCOLATE. <sup>54</sup> 67 cm BGS  
155 cm South of N Trench wall

106E/4 @ 90 cm is lg "Flm" of bones. Possible Tumble.

106B/4 S<sub>2</sub>. Directly in front of wall CHOCOLATE

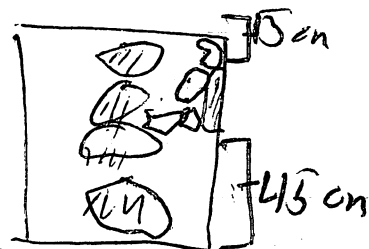
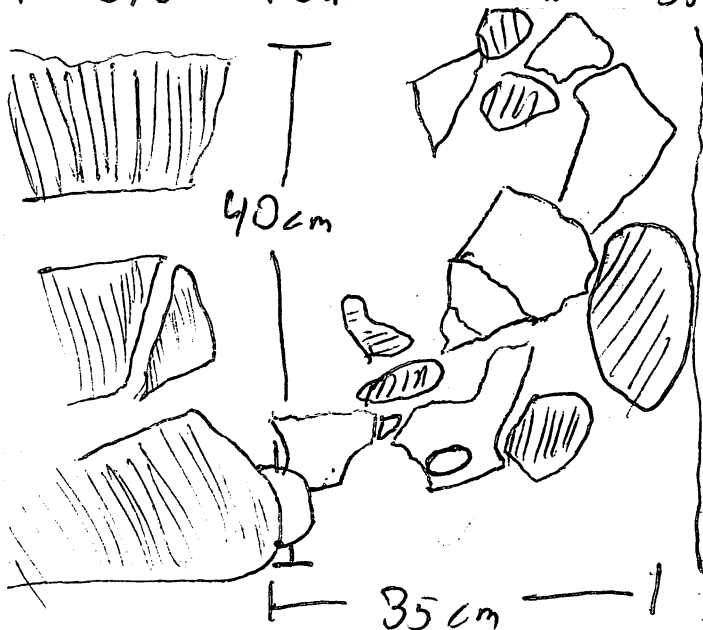
106C/4. Found wall SLEEPY IS CWT Block wall 45- cm BGS. 155 cm South of North Trench wall

106B/4 135 cm <sup>NS</sup> South of North Trench wall. 20 cm + 100 cm  
65-85 cm BGS.

106D/5, S<sub>2</sub>. Excavate 40 cm + 100 cm. 65-85 cm BGS  
Directly in front of below ONION.

PSS-2-64

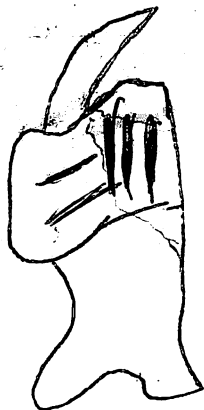
106D/5. Found Broken Bowl in Lot.



70 cm B65

106D/6. S<sub>2</sub> 3. 1 1/2 m East North towards Summit. 0-20 cm B6.106C/4. S<sub>2</sub> 2. 40-50 cm B65. Contains SLEEPY106C/5. S<sub>2</sub> 2. 125-155 cm S of North Trench wall. 30 cm<sup>NS</sup> x 100 cm<sup>ES</sup>. Directly Below/In front SLEEPY. 55 cm B6

106B/4. Figure Fragment. Broken, 3 missing



No idea what it is.

5-25-86

106B/5 S<sub>2</sub> 3. 1 1/2 m East North towards Summit. Chopped back of Trench to make Basal wall

100% Perpendicular to Trench. 0-20 cm B65. Observed

106E/5. S<sub>2</sub> 2. 120-150 cm B65. Continue through Trench



PSS-12-65

1060/7 - S<sub>2</sub>3. <sup>W<sub>2</sub></sup> 200 cm B65. Into Tumble, looking  
for walls. Goes through SPECIAL SAUCE to ONION.

1060/7 - Found what I think is Basal wall - SPECIAL SAUCE  
SPECIAL SAUCE is 200 cm N of South Trench wall.

Some Rocks in wall were undercut and Fall yesterday.

•• Wall looks TERRIBLE. Wall is 26-54 cm B65.

Wall Onion is @ 64 cm B65. •• Onion is

previous construction to SPECIAL SAUCE.

FIDDLE APPEARS to End @ SPECIAL SAUCE.

I am going to remove SPECIAL SAUCE to  
Verify ~~that~~ <sup>if</sup> Onion continues into structure, or  
stops @ SPECIAL SAUCE



~~Below~~ is the North of Special Sauce, 38 cm, I saw what  
appears to be a wall. However, wall goes @  
an Angle which would put it approx 4 m  
South of Str @ <sup>SOUTH</sup> EAST corner. Looks like a  
wall though.

1060/6. S<sub>2</sub>3. 171 m E to S towards Summit.

•• 60 cm B65. Down to SLEEPY.

1060/5. Found Crater 150 cm B65. In East Trench wall

1060/6 - S<sub>2</sub>3. 171 m E to N to Summit 0-30 cm B65

1060/6 S<sub>2</sub>4. 171 m E to N to Summit 0-30 cm B65

1060/5. Found wall. VANILLA. 205 m S of  
North Trench wall. 51 cm B65. 38 cm S, 6 cm Bottom

CHOCOLATE

046-12-66

- Lizard ~~106E~~  
106C/7 Sq 4. 1x1m Ext S. towards Summit. 0-40 cm BGS  
106B/6 Sq 4. 1x1m Ext S. towards Summit. 0-40 cm BGS  
526-68 106B/6 Found wall @ 40 cm BGS. STRAWBERRY  
Cuijin 106D/9 Found wall @ 30 cm BGS LETTUCE  
106D/9 Sq 3. Going Back and Removing ① wall  
Broom CHEESE and ② 40 cm - 80 cm BGS OF ADJACENT 60 cm  
ESCOBA OF LOT. Are trying to see how PICKLE relates.  
106E/6 Found wall. 5 cm BGS: MOVIE  
Cuchara 106E/7 Sq 4. 1x1m Ext N towards Summit. 0-20 cm BGS  
" 106B/7. Sq 4. Northern 40 cm Sq 4, Southern 20 cm  
Ternat Sq 3. 45-70 cm BGS. At BASE OF STRAWBERRY  
Palo 106C/8 - Sq 4+3. All of Sq 4. Southern 40 cm Sq 3.  
" 40-65 cm BGS. On STEEP SLOPE  
Hook 106B/7 Found Orchard in front/Below Strawberry  
Hook 106E/8 Sq 4. 20-57 cm BGS.  
Bañcho 106C/6 Found Orchard NW corner 60 cm BGS.  
106B/7. Sheeds, here are Found at BASE OF STRAWBERRY.  
However, it ~~was~~ ~~was~~ there was a wall BTW  
Chachalaca VARILLA + STRAWBERRY, which I believe there  
even though we didn't find one, these sheeds  
would be full.  
Cloud 106D/10 Found MATRAX in Area BTW Onion + PICKLE  
94 cm BGS.  
106B/4 - Sq 5. 1x1m Ext S towards Summit. 0-30 cm BGS.  
106D/10 - Sq 3. 30-100 cm BGS. Area Below PICKLE  
is Full,  
106D/4 - Sq 5. 1x1m Ext N up Summit. 0-20 cm BGS  
106D/10 - Found Layer of Semi Flat Rocks @  
106E/4 Found Squash Shist. 35x30 cm. 35 cm BGS.  
In mid of Southern Edge of ①  
106C/4 Found Cut Block - Northern wall.

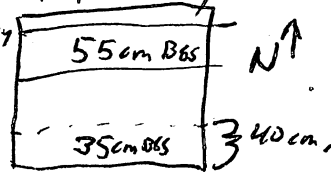
P46-62-67

106C/9. S45-1/2 In Err S. To wards Summit. O. 20cm B65

106B/9. S45. 30-55' cm B65

106C/10 S45. 20-31cm B65. Looks like we're finding walls... 2 cobbler walls to the South, ~~if~~ possible Black wall ~~South~~ Northern edge.

106B/9. Found wall: MOCA. Directly South of STRAWBERRY @ 55cm B65. Lot 19: Strawberry MOCA



106B/10 ~~S45~~ S410 Thinner South towards Summit. O. 20cm B65

106C/10. Found L6 cut block in NW corner 32 cm B65

Dimensions are: 39x29x27. Appears to be in Isolation? However, there are 2 cobbler walls

Directly Above it; GRUMPY & SNEEZY, also, it

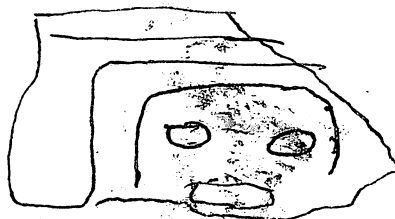
appears to have once been a wall. Lg roots now surround it, and there is Lg tumble directly below it.

Found walls: GRUMPY & SNEEZY.

Found wall (cut block) = BASHFUL

106B/4. Found wall: North edge 33 cm B65 DOPEY

106E/8 Found Fibrous Fragment SW corner



## DEFINING WALLS

106E - MOVIE - 231-241 cm N of South Trench wall  
9-24 cm B65

106C - Dopey - 252-312 cm South of North Trench wall  
36-54 cm B65

- BASHFUL 364-428 cm S of North Trench wall  
26-52 cm B65

864-12-68

Thick  
Grass  
Thin  
Onchro

- GRUMPY - 428-459 cm S of North trench wall  
7-22 cm BGS

- SNEEZY - 460-490 cm S of North trench wall  
2-18 cm BGS

106B - STRAWBERRY 353-383 cm S of North trench wall  
28-53 cm BGS

- MOCHA 400-420 cm S of North trench wall  
28-44 cm BGS

ON 6050  
Shrubby

106D - CHEESE 247-266 N of South Trench wall  
13-22 cm BGS

Largo  
Lore

- LESSY 300-346 cm N of South Trench wall  
21-42 cm BGS

5-27-86

106D/12. S. 520-570 cm BGS looking for wall.

106C/11 S. 6. 1x1 m EXT South towards Summit. 0-20 cm BGS

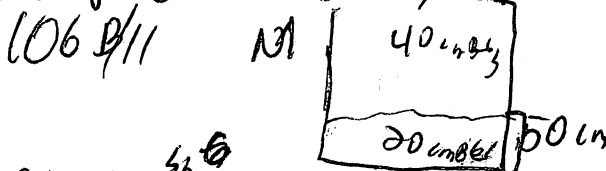
106B/11 S. 2. 20-40 cm BGS. Looking for wall SEE BETA

OP 106F - Lateral Trench on North side of Structure 16. Following wall SLEEPY EAST. North side of Trench is 110 cm South of North Trench wall of 106C. There is NO Bulk separating 106C + 106F.

106F/1 S. 1 0-40 cm BGS. TO TOP OF SLEEPY.

106C/12 S. 6. 20-35 cm BGS looking for wall

106C/11 SNEEZY AT THE point Apple. i.e. SNEEZY IS Prod, Gorn, VAMOS, NO more, Gorn to the Great Rock pile in the Sky -- wait a wall.



106B/12 S. 6. 1x1 m EXT S to Summit. 2-20 cm BGS

106C/12 Found MAND 45 cm BGS

Alto  
Habit

Bajo  
Shrub

NORTH  
WEST + EAST  
SUN

Cuidados

1966-12-69

106B/12 Found Fibrous Hair

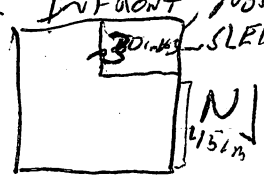


106B/13 Sq 6 20-30 cm BGS

106D/12, mibay bone found with IN North porch wall. SESAME SEED BUR. 50 cm BGS

OP 1066. Extending a Trench South of Str 15, to Follow walls PICKLE + ONION. Pit runs slightly ~~East~~ East of 106C. 1066 East corner is 5cm South of 106C SE corner, 1066 NW is 15cm South of 106C SW. 106G/1 - Sq 1. 0-33 cm BGS. Going down to PICKLE Layer.

106F/12 Sq 1. 50-65 cm BGS. In front, North of SLEEPY, 45cm



~~106C/13. Sq 1. Hair. Ext South towards Shamrock. 0-20 cm BGS~~  
1066/11 - Found Animal Bone NE corner 30 cm BGS.

Also Found Rocks, Tumble, in NW corner @ 20 cm BGS.

5-20-68

1066/12 - Sq 1. 33- cm BGS. On Level of PICKLE + ONION

106B/17 - Going back to lot and cleaning below ~~wall~~ STRAWBERRY

106D/13 - Sq 3. 105- cm BGS. At level of ONION. @ corner ONION

1066/13 - Bulk Bone 106D/106/16. 10<sup>ns E</sup> 10<sup>ns SW</sup> + 30 cm + 100 cm 0-40 cm BGS

106F/13 - Sq 1. 65-45 cm BGS. Below SLEEPY

106C/13. Sq 4. 50-75 cm BGS. Area Bone back of DOPEY + ~~HAIR~~ HAPPY. 1 shard

106C Define wall. HAPPY 365-405 cm S of N trench wall 51-75 cm BGS.

106B/14 Sq 5. Southern 20 cm left from 106B/11. 20-40 cm BGS AT BASE OF SHAMROCK. Shards, Bone, etc.

PCC-12-70

~~DB~~ 106B - DEFINE WALL: SHAM ROCK

573-610 cm S of North Trench wall. 4-28 cm BGS

<sup>106</sup> OPH - Cassal Trench running WEST from Trench 106C,  
 1st. On Sec. 6. North side of Trench wall is 110 cm  
 South of North trench wall of 106C. Leaving a 50 cm  
 wide BULK BETWEEN trenches. Following Cut Block  
 wall SLEEPY, WEST.

106H. Sq 2. 0-45 cm BGS. On top of SLEEPY

106G/4 Sq 2. 1+1 m ESE South. 0-35 cm BGS. Possible  
 CRACK OF ONION/PICKLE -106C/13 Sq 7. <sup>11th</sup> Located 50 cm South of North Trench  
 wall. Contains S 50 cm Sq 2, North 50 cm Sq 2.

1+1 m IN FRONT SLEEPY. 0-85 cm BGS.

106B/19 - Sq 7. 1+1 m ESE S. towards Summit 0-20 cm BGS  
 MAND, - on Surface.106G/4 - Soil is different here. It Brown and Very  
 Sandy.

5-31-58

~~106B/19 - Sq 7. 1+1 m ESE S. towards Summit 0-20 cm BGS~~106C - 3 cut blocks in SW 2 - Starting from  
 Eastern most block, measurements are: ( $L^{NS} \times W^{EW} \times T^{90}$ )

1: 50 x 35 x 30 cm

2: 63 x 40 x 35 cm

3: 45 x 75 x 35 cm

106G/4: Sq 7 45-45 cm BGS. Shards, BGS REELS

106G/5 - Sq 2. 35 - cm. Looking for CRACK

106G/5 - Intrusive Soil change @ 39 cm BGS.

Is of same level as POSSIBLE Habermund Surface.

Will Get dirt for Nancy LARA

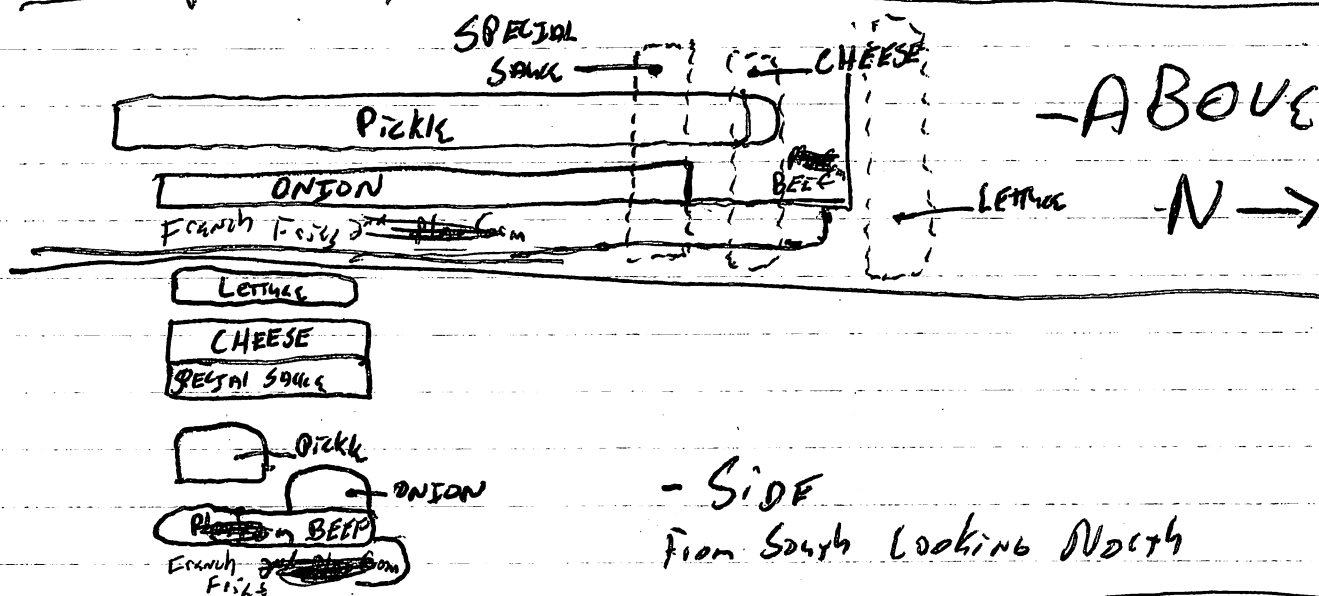
106B/15 Found MAND 10 cm BGS. MAY have found  
 Summit wall BANNANA

106H/1 Found Ash in center of Sq. 45 cm BGS

088-12-71

# OP 106 D - Explaining walls:

It appears that ONION and PICKLE are 2 walls from PREVIOUS construction. ONION + PICKLE appear to be resting on a platform. The corner of the platform is apparent directly in front of LETTUCE. ~~ONION~~, ~~the~~ ~~ONION~~ ~~has~~ ~~with~~ SPECIAL SAUCE is the basal wall of the subsequent construction. SPECIAL SAUCE BEGINS where ONION stopped. PICKLE continues north underneath SPECIAL SAUCE. The next wall of subsequent construction is CHEESE. CHEESE begins where PICKLE ends. LETTUCE, the 3rd sub. const. wall starts at the corner of the platform. Also, the platform appears to be a 2nd layer terrace. That is, another platform may be located east & below the main platform.



## 106G/4+5 : SOIL FOR NANCY

From South trench wall. : 3 Soil Layers

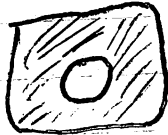
1st - 0 - 4cm B63 - Top Soil. NO SAMPLE FOR NANCY. Lt Grey, Humus, Roots

2nd - 0 - 43 cm B61 - Soil A. Lt Bs GREY, Sandy, porous crumbly. Few roots. Spine @ Bottom of layer

3rd - 43 - 77cm B65. Soil B Lt Brown, Silty, Clay like chunky. Stones @ top of layer

P48-12-72

106 B/13 Found strange square piece of shir with  
Conical Hole in center  
Found group of Layers of  
shir.



106 B/16 Sq 8. 1x1m ESE South over Summit 0.20 cm BGS  
106 C - Differs Soil levels very apparent. SEEM Similar

to 106 G levels. Maybe just Soil sample later

106 C/15 - Sq 7. 105 10cm BGS. Empty Lot

106 B/16 - Sq 3. 1m<sup>EW</sup> x 5m<sup>NS</sup>. ESE South. Probably no wall  
in this square. But I need more room in Sq 2. Above wall layer

0.40 cm BGS.

106 B/17 - Sq 9 1x1m ESE to <sup>TOP OF</sup> Summit. 0.20 cm BGS

106 H/1 - Found pp of SLEEPY @ 45 cm BGS.

106 B/7 - Sq 3. 40 - 80 cm BGS. @ Structure level

106 B/4 - Sq 3. 80 - 100 cm BGS. Below ST. Level

~~106 B/18 - Sq 10. 1x1m. Part of 2x5 sq. 30~~

~~N side of lot is 50cm S of N trench wall~~

~~S 50cm Sq 1, N 50cm Sq 2. Southern 30cm 72~~

~~has been removed as 106 B/4 B~~

6-1-64 106 B DEFINING WALLS:

BANANA 749 - 744 cm S of North trench wall

30 - 50 cm BGS

660 844

CHOCOLATE CHIP ~~740~~ ~~741~~ on S of North trench wall

4 - 26 cm BGS

CHERRY. 949 - 944 cm S of North trench wall

6 - 24 cm BGS.

106 B/14 Sq 9. 20 - 50 cm BGS.

106 E DEFINE WALL

~~106~~ PARKING. 372 - 400 m W of South trench wall

37 - 74 cm BGS

106 H/2 45 cm BGS. In front SLEEPY show, at 106

106 B/4 Found Carbon @ 100 cm BGS. see corner  
of 106 B/4



046-12-73

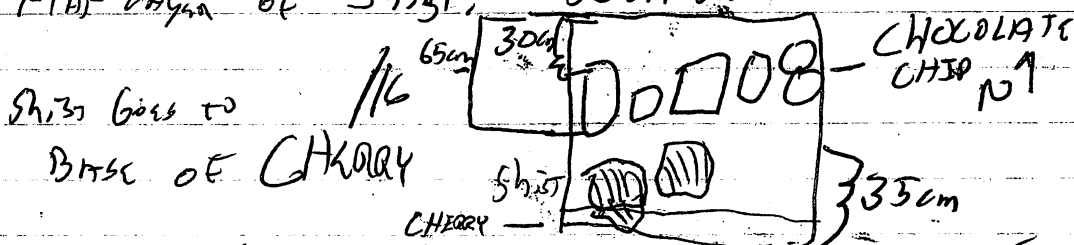
1066/9 - S<sub>2</sub> 4. 100<sup>EW</sup>cm x 50<sup>NS</sup>cm. O. 90' cm B6.  
Searching for possible "Platform".

106 G (+D) DEFINING WALLS.

BEEF (2 ALL BEEF PATES). IS ON THE SAME LINE AS  
ONION. ONION STOPS AT SPECIAL SALLY  
BEEF (which ONION REST DIRECTLY ATOP) CONTINUES  
NORTH TO 25cm SOUTH OF LETTUCE.

~~106 B/16~~ ~~WORK~~ ~~OR~~ ~~ARE~~ ~~NOW~~ ~~DIRECTLY~~ ~~TO~~ ~~FROM~~ ~~SUMMIT~~  
to look for previous construction.

106 B/16. - 30cm South of wall chocolate chip, is  
Flat layer of Shit, 30cm B6S.



106 B/14 S<sub>2</sub> 11. 100<sup>EW</sup>cm x 40<sup>NS</sup>cm. Lot is the Southern  
40cm of S<sub>2</sub> 6. It is the Area Between CHOCOLATE  
CHIP & S<sub>2</sub> 9. 20-50cm B6S. Taking this layer  
down to level of 106 B/18 to create a large square  
to go down into Summit with

106 B - For Enhancing Lot (chips).

106 B/17. "Area Behind" Cherry

106 B/18 "Contains all CHOCOLATE CHIP & ~~the~~ ~~Base~~ of  
~~CHERRY~~

106 B/15. ~~Contains~~ ~~from~~ ~~10508~~ BANANA

106 B/13 In front / Below BANANA.

106 C/16. S<sub>2</sub> 7. 125-145cm B6S. Empty

106 B/20 - S<sub>2</sub> 12 1x1m. Pr S<sub>2</sub> 2 + S<sub>2</sub> 2. S 50cm  
S<sub>2</sub> 1, N 50cm S<sub>2</sub> 2. S<sub>2</sub> 12 is 50cm S  
of North trench wall. Southern ~~20~~ 30cm has  
Already been Removed as 106 B/14.

60-63cm B6

P68-12-74

# 112.

106H/2. Found Pot/"VASE" 90cm B65.

25cm W of E Trench wall, 20cm S of N Trench wall PICTURE

106B/20 Found Sherd Layers covering all 1/4m sq. Some (many) Sherd have been pulled out. CONCRETE B Now 83 cm B65. ENTIRE S<sub>2</sub> 12 @ Base of CHOCOLATE. PICTURE

~~106B/21 S<sub>2</sub> 13 = 11 + 9. 100cm E & 130cm N.~~

~~106B/21 S<sub>2</sub> 13 = 11 + 9. 100cm E & 130cm N.~~

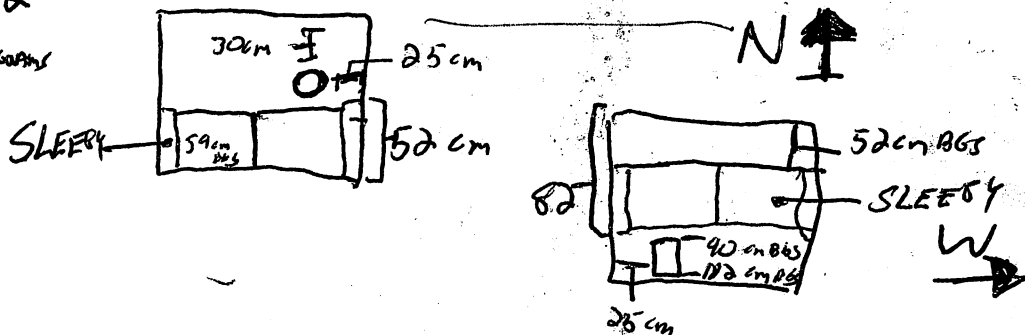
Digger in from Summit. 50-75cm B65.

106G/10 S<sub>2</sub> 5. S<sub>2</sub> 5 = (1+1m) S<sub>2</sub> 3 + S<sub>2</sub> 4. 40-cm B65.

106F/4. S<sub>2</sub> 2. 1+1m E & S with up Summit. Following corner of SLEEPY + looking for Basal wall. 0-25 cm B65.

106H/2

VASE DIAGRAM



106H/23 S<sub>2</sub> 2. 1+1m E & S with SLEEPY LINE.

0-25cm B65. Following SLEEPY. Many, sherd, ~~2-25cm~~

106B/22 S<sub>2</sub> 3. 25cm B65. Under Sherd layer. Observation core for

F/4 106B/22 S<sub>2</sub> 2. 25- SEE Below.

- Is mixed w/ Sherd Concrete

106B/22. Found Cache, ~~106B/22~~ NW corner. 95cm B65. LOTS of CONCRETE

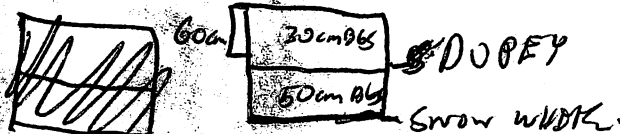
106G/10. Found Basal wall. Sherd from this are Directly in front of wall. Center handle.

106F/4 Found Basal wall. SNOW WHITE

97-111 cm S of North Trench wall. 57cm South SLEEPY

47cm B65.

# 106F/4. At Base of ~~SLEEPY~~ WHITE DOPEY, on top SNOW WHITE.





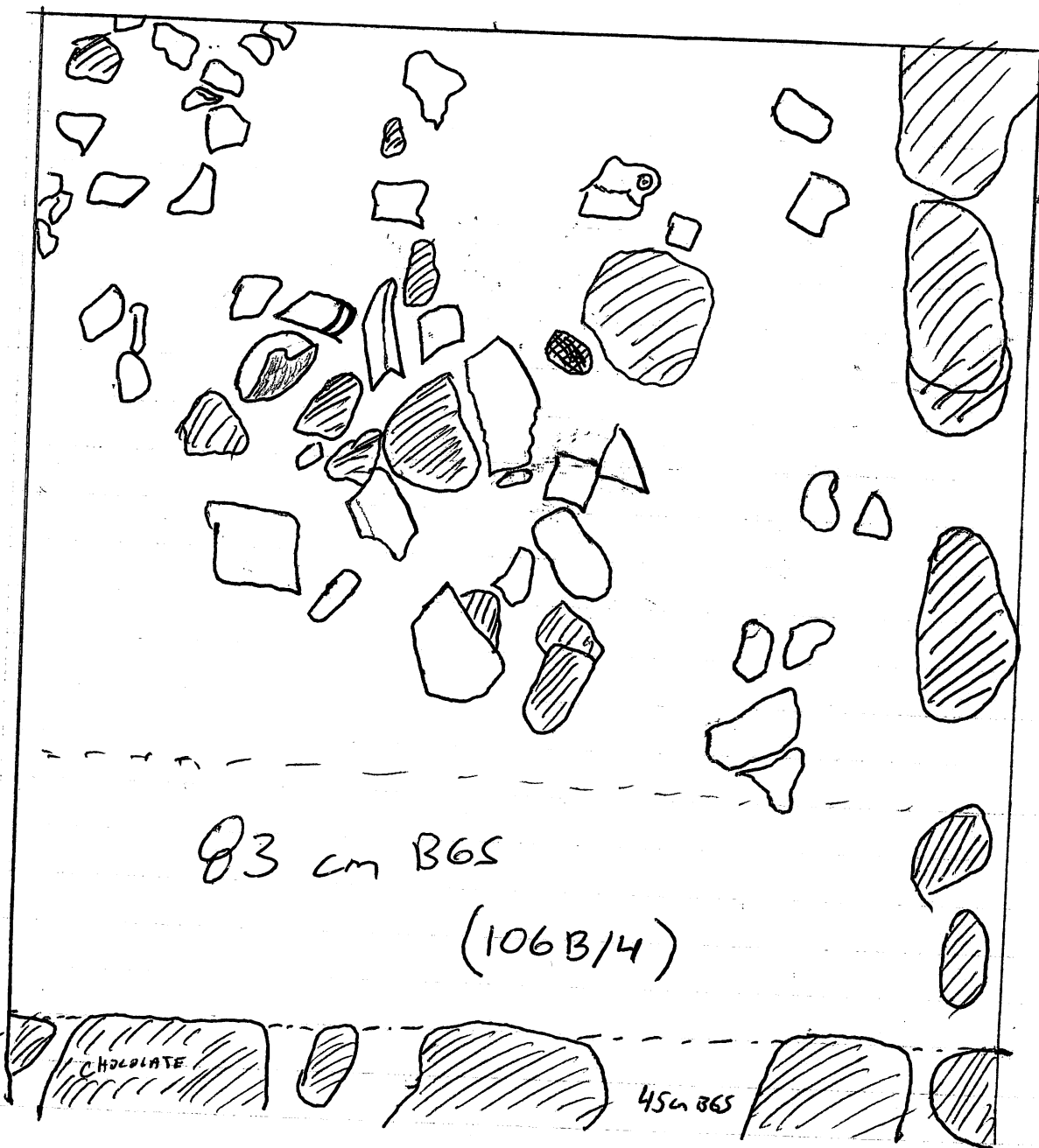
1966-12-76

50 cm ↑ TO North Trench Wall

106 B/20

N ↑

1 m



Wall:  
CHOCOLATE

N ↓

— 1 m —

- = sherd
- ⊘ = stone
- ⊗ = brick

# PLAN POSNB SITE 106

846-12-77

POINT	DISTANCE	MIDDLE	HORIZ	VERT
B 1	9.544	2221	53° 57'	0° 00'
2	10.362	2227	57° 07'	↓
3	9.540	2542	64° 14'	
4	8.717	2630	62° 46'	
5	9.323	2573	66° 07'	
6	8.474	2548	64° 38'	
7	8.846	1836	75° 24'	
8	7.860	1808	74° 10'	
9	7.760	1604	77° 26'	
10	8.692	1710	78° 05'	
11	8.514	0890	88° 18'	
12	7.455	0828	90° 07'	
13	7.583	0555	100° 39'	
14	8.482	0674	98° 25'	
15	8.709	0157	108° 35'	
16	7.961	0434	110° 10'	+ 2° 30'
17	8.071	0287	114° 17'	↓
18	9.045	0396	112° 01'	
19	9.448	0346	118° 07'	
20	8.522	0243	121° —	
G 1	10.406	2212	136° 59'	0° 00'
2	10.923	2208	132° 28'	↓
3	10.491	3071	130° 40'	
4	10.618	3066	135° 11'	
5	9.300	2828	131° 58'	
6	9.785	2867	127° 55'	
7	9.554	2774	127° 42'	
8	9.061	2662	130° 39'	
9	9.725	2394	129° 22'	
10	9.109	2573	125° 45'	
11	8.608	2456	120° 26'	
12	8.406	2484	121° 10'	

888-11-78

Point	Distance	Middle	Angle	Var
(6) 13	7.872	1978	124°37'	
14	8.582	2066	119°30'	
D 1	8.493	2085	118°15'	* 105°10' 107°27' 109°32' 107°26'
2	7.637	1966	122°27'	
3	7.409	2473	107°45'	
3B	7.210	2433	108°33'	
4	6.650	2448	104°12'	Middle 1943 1848 2085 2084
4B	6.479	2450	104°28'	
5	6.902	2586	101°04'	
6	6.395	2518	102°45'	
7	6.287	1589	101°15'	Dist 7.375 6.595 6.750 7.588
8	7.242	1723	99°03'	
9	6.878	1177	85°23'	
10	6.405	1189	85°—	
11	6.125	0690	84°42'	13 14 15 16
12	7.076	0777	84°39'	
E 1	9.320	1808	226°07'	21087 280°12'
2	8.413	1842	222°16'	
3	7.189	1734	237°—	
4	8.165	1691	238°44'	
5	7.788	1512	248°29'	
6	7.177	1572	248°56'	
7	6.734	0957	249°37'	
8	7.871	1039	250°37'	
F 1	7.798	1956	285°42'	3B = 7189 2132 681 271°39'
2	6.835	1946	289°52'	
3	7.293	2365	283°31'	
4	7.110	2313	278°50'	
5	6.520	2195	280°35'	
6	6.415	1790	277°31'	
7	7.152	1677	275°39'	
8	6.958	1457	271°39'	

$$IH \pi_1 = 1530$$

350°47'  
170 47

$\pi_1$  to  $\pi_2$  Dist  
9.014 1214

88-12-80

PT	Distance	middle	h <sub>4</sub>	V <sub>4</sub>
F# 9	7.096	1448	271°25'	
10	6.190	1407	273°10'	
C 1	8.475	1955	292°25'	
2	9.344	1985	289°08'	
<del>3</del> 5	8.274	2085	273°09'	
<del>4</del> 6	8.097	1703	266°20'	
<del>5</del> #3	-00 NOT EXIST			
<del>6</del> #4				
7	7.223	1736	267°28'	
8	7.246	1484	266°02'	
9	8.114	0402	264°37'	
10	8.130	1121	261°40'	
11	7.180	1180	262°14'	
12	7.212	0685	252°14'	
13	7.971	0612	253°07'	
14	8.242	0351	250°20'	
15	7.085	0376	250°10'	
H 1	8.905	1945	283°33'	
2	8.486	1942	275°55'	
3	12.160	2340	270°30'	
4	12.370	2335	272°05'	
5	13.138	1266	269°45'	
6	13.277	1572	273°26'	

1H  $\pi_2 = 1525$

BGG-12-81

# PHOTO LOG SITE 106

6-1-88

A/1+2 106 E. <sup>film</sup> South looking North at WALL MOUNT, PARKING  
A/3+4 106 C. <sup>film</sup> North looking South at WALLS SLEEPY,  
DOPEY, HAPPY, BASHFUL, GRUMPY - Bottom of Tranch  
A/5+6 106 C. <sup>film</sup> North looking South at ~~the~~  $\frac{1}{2}$  SLEEPY,  
DOPEY, HAPPY, BASHFUL, GRUMPY, DOC(?). Top of Tranch  
A/7+8 106 H/I <sup>film</sup> W to East. At SLEEPY, VASE  
A/9+10 106 B/D <sup>film</sup> South looking North. CHOCOLATE, SHEET DEPOSIT

6-2-88

~~A/1+2~~ ~~106~~ 106 G <sup>film</sup> South looking North. COCA-COLA  
B/1+2 106 G <sup>film</sup> South looking North @ COCA-COLA, FRENCH FRIES, BEEF  
+ PICKLE  
B/3+4 106 G+I <sup>film</sup> South looking North @ ONION, PICKLE  
SPECIAL SAUCE, CHEESE + SESAME SEED BUN  
B/5+6 106 B <sup>film</sup> North looking South at TARDIS Tranch  
B/7+8 106 C+H. <sup>film</sup> North looking South at SLEEPY, DOPEY  
+ SNOW WHITE (the paper in picture says "C+H")  
B/9+10 106 E, C, H. <sup>film</sup> East looking West @ SLEEPY  
B/11+12 106 H, C, E. <sup>film</sup> West looking East @ SLEEPY



## NACO VALLEY PROJECT 88 LITHIC PROJECT

### Project Objectives:

The PVN 88 Lithic analysis has five main objectives:

1. To catalog all lithics from the 1988 field work.
2. Determine where, if any, possible "workshops" for obsidian and other materials were located.
3. To reconstruct the availability of obsidian through the various temporal periods found in the various Naco Valley settlements.
4. Establish differences between elite use/frequency of obsidian versus non-elite use/frequency of obsidian.
5. To compare the PVN 88 lithics with past excavations from Naco Valley, Santa Barbara, and Sula Plain.

### Objective 1:

All lithics processed by June 12, 1988 were cataloged. A sample of 967 blades, 572 flakes/debitage/other, 12 projectile points, and 45 prepared cores have been cataloged. Lithics processed after June 12, have been totalled, but have not been individually measured and analyzed.

### Cataloging of Lithic:

The first step in cataloging the PVN 88 lithic sample was to divide all lithic into one of four categories: Blade, projectile point, prepared core, and flakes/debitage/other. Blades are regarded as polyhedral flakes, produced by indirect pressure, whose dorsal and ventral sides are parallel. Projectile points are regarded as modified blades which have been severely bifacially modified in a way which makes them accessible to be hefted. Prepared cores are regarded as polyhedral cores upon which negative blade scars from the extraction of blade via indirect pressure are located perpendicularly from the main axis of the core. Flakes/debitage/other is a more ambiguous field in which contains all objects which do not fall one of the above classifications. This field ranges from ground stone celts, raw nodules of obsidian, burins or engravers, flakes and debitage. The last two units, flakes and debitage, have been distinguished in the following ways: size, weight, appearance and dimension of a bulb of percussion, evidence of a striking platform, and frequency of concentric rings of force.

All information was processed using a Zenith Data Systems computer along with the Paradox 2.0 data processing program.

### All categories contain the following information:

Operation, Sub Operation, Lot Number, and Catalog Number--consistent with the PVN 88 record keeping system.

Material--the geological makeup of the raw material used to produce the artifact. (e.g. Obsidian, chert).

Color--determined via visible observation of obsidian

against a bright, natural light. The colors are as follows:

- 1-light, very transparent obsidian. (note, color 1 may just be a light, sample deviation from color 3).
- 2-grey, transparent obsidian. (note, color 2 differs from color 4 by maintaining some of its transparency).
- 3-transparent brown. (note, concentration on amount of brown color appears to vary by individual nodule, not via source).
- 4-opaque grey with black striations throughout matrix.

non-obsidian color was determined via Munsell Soil Color Chart.

Fissures--small imperfections that run throughout the obsidian matrix.

Flaws/Material--any flaws in the material matrix which may have caused fractures in the artifact. Also, any strange discoloration or internal anomalies within matrix.

Flaws/Process--any flaws in the completed artifact caused by the knapper who produced the artifact.

Miscellaneous--an ambiguous field which contains notes on any peculiarities of the artifact which may assist in future analysis of the artifact. (e.g. Bulb of percussion, striking platform, broken, cortex).

#### Blades:

Length--parallel to negative blade scars found on the dorsal side of each flake. (mm)

Width--perpendicular to negative dorsal blade scars. (mm)

Thickness--distance from dorsal to ventral side of blade. Measurement were taken from the greatest distance between the two sides, but not taken through the bulb of percussion which would impart a much greater thickness than is actually there. (mm)

Edge:weight ratio--the ratio of the total cutting surface, i.e. sides of the blade, to its mass. (cm:g).

Number of Dorsal Sides--the count of dorsal sides.

Retouch--the removal, via direct pressure, of small flakes along the cutting surface of the blade. All types of retouch, i.e. bifacial, unifacial, unilateral, bilateral, traverse and alternate, are included in this field.

Wear--scratching or chipping of the blade surface. All types of wear, i.e. perpendicular and parallel to cutting surface are included in this field. Also, post depositional wear on surfaces has not been distinguished from predepositional wear.

#### Projectile Points:

Class--class of point.

Pattern--pattern of point.

Style--style of point.

Type--type of point.

Length--from proximal point to distal base. (mm)

Width--the greatest dimension perpendicular to length. (mm).

Thickness--the greatest dimension between ventral and dorsal sides of the point. (mm)

Width/tang--the greatest dimension of the tang. (mm)  
 Width/blade--the "width" of the tip of the projectile point. (mm).  
 Weight--(g)

#### Prepared Cores:

Length--parallel to negative blade scars. Perpendicular to striking platform (if present). (mm)  
 Diameter--greatest dimension bisecting the core perpendicular to the length. (mm)  
 Number of Sides--number of negative blade scars.  
 Weight--(g)  
 Largest Blade Scar--measurement of the largest negative blade scar. (mm).  
 Cortex--the appearance of cortex anywhere on the core.

#### Flakes/Debitage/Other

Type--the classification of what the artifact was used for (e.g. Flake, Debitage, Celt, Nodule, Burin).  
 Length--the distance running from center of striking platform through the bulb of percussion. (mm)  
 Width--the distance perpendicular to the middle of the length. (mm).  
 Thickness--the distance between the dorsal and ventral sides. If bulb of percussion is evident, then the measurements from the greatest extent of the bulb of percussion to the dorsal side.  
 Width/Distal End--the greatest extent of the distal end. (mm).  
 Width/Proximal End--the extent of the striking platform. (mm).  
 Cortex--the presence of cortex on any surface of the artifact.  
 Wear--same as in BLADE.  
 Retouch--same as in BLADE.

#### Objective 2:

Although only preliminary analysis has been given in the field concerning the location and frequency of possible workshops in Naco Valley, it appears that three large workshops and one smaller workshop have been located. The three large workshops consists of operations 19A/D/E/, 27A, and 27E. These are represented by eight, four and seven prepared cores discovered respectively. The smaller workshop, operation 113B, has two prepared cores. Another indication of these operations being workshops, is the large number ofdebitage debris and flakes found throughout all three operations. An important fact to support this workshop model are the three large (37,43,48 cm in length) flakes that were found in 19A/24. These flake all had cortex completely covering one side which indicates that raw obsidian was being utilized at this site. Also present in operation 19D/10 was a dense find of burins or engravers. Mixed

in with this deposit, were large deposit of shells, some of which appears to have been worked. These two concentrations, of burins and shell, are the largest in PVN 88 total sample universe. Supporting the idea that the two 27 operations were workshops were the two projectile points found in 27A/7 and 27A/14 and the one projectile (95 cm in length) from 27E/24. This projectile point may possibly be the largest projectile point discovered in the Naco Valley to date.

An abnormally dense amount of obsidian was found in the 10L and 306 operations. The make up of this obsidian contains a total of three cores (10L/13, 306A/2, 306A/2), four projectile points (10L/1, 10L/6, 306A/2, 306B/5) and a very large number of debitage.

Further investigation of these workshops will be done in the future when a more complete analysis of the cores, debitage and flakes can be given.

#### Objective 3:

For a complete understanding of how obsidian varied through the temporal occupation of Naco Valley, a list of possible time periods for lots which contain obsidian is needed. This can be accomplished using the data from local pottery design analysis. However, this data is not available at the current time, but will be available soon for future studies of temporal distribution patterns.

Two brief observations may be made from the lithic data that has been analyzed:

Preclassic obsidian use--the use of obsidian in the preclassic period, represented by site 123 in the PVN 88 excavations, appears to have been limited mainly to the use of debitage and flakes. A low number of blades have appeared along with an extremely large number of debitage. Since no cores of any sort have appeared from 123, it appears, at this stage of analysis, that the preclassic depended primarily upon the use of a flake technology.

Postclassic obsidian use--the use of obsidian in the postclassic period, represented by site 306, seems to have occurred in many forms and quite frequently. All categories of obsidian have a large number of samples in them. Taking into account the workshops found at operations 19A/D/E, 27A and 27E, the highest density of obsidian appears to have been found at site 306. Although there is a large amount of debitage at this site, it can be accounted as the by products of the cores and projectile points that were also excavated. Moreover, the amount of blades found throughout the site reassures that blade technology was widely practiced in the postclassic.

#### Objective 4:

The differences in the use of obsidian between elite groups

and non-elite groups is still pending further investigation. The understanding of this facet of the project demands both the analysis of pottery types and architectural differences of all the various operations excavated this season. This will only be possible in the future when all data has been analyzed by other researchers.

At present, the only notable factor appears to be that the distribution of projectile points is found only in the La Sierra main group and the postclassic. Further investigation of operations in which projectile points were found is needed.

#### Objective 5:

Comparisons of PVN 88 lithics to those from the Sula Plain, Santa Barbara and other Naco Valley excavations is also pending further investigation. The data gathered in this field season will enable an accurate comparison to occur. The analysis of site reports from the other excavations will be needed for the accomplishment of this objective.

To date, only one other site report has been briefly examined by the PVN 88 lithic analyst; Antony Wenderly's Late Postclassic Excavations at Naco Honduras, Cornell University Press, 1981. At this time only two important statements can be made concerning Wenderly's 1977 and 79 excavations of the Naco Valley. First, the projectile points which most commonly occurred in his excavations, side notched points with curved bases, are similar to the shanked, side-notched, bifurcate base projectile points found in high percentages in the PVN 88 sample universe. Also, the projectile point which Wenderly states is peculiar to Naco Valley, straight edged with a shanked base, is similar to the shanked, full stemmed, pinched points found during the PVN 88 excavations.

The other important comparison between the two lithic analysis is the vast difference in core and core production data between the two. Wenderly rationalized that because of his lack of finding large amounts of debitage and cortical debris, that the prepared cores were formed outside of the Naco region and imported in a processed state. The PVN 88 data, however, shows an extremely large amount of debitage and cortical flakes. This type of obsidian is found most in context with the three workshops at 27A/D/E, 27A and 27E. Wenderly's lack of not discovering a workshop probably is the cause for this discrepancy. One fact is for certain from the PVN 88 data; obsidian was imported from outside the region in raw nodules and formed into usable cores while in the Naco Valley.

#### Other/Future Aspects of Project:

Other aspects of this project have included the drawing of all projectile points, prepared cores, complete/near complete blades and flakes from prepared cores. The need to bring a sample of obsidian back to the United States for sourcing and possible obsidian hydration is essential for the completion of

this project.

Through a more complete library of sources than can be found in the field, further analysis can be carried out for objective five of this project while in the U.S. Also, upon completion of the pottery readouts, temporal readouts will be available for the fulfillment of objective three of this project. Objective four can be completed after individual analysis of each operation has been undertaken. Objective two requires more time to analyze the data that has been processed. This also, will be completed in the future. Objective one, the cataloging of obsidian is completed. Further processed obsidian will be added to the PVN 88 lithic's total chart by various members of the PVN 88 crew.

## CATALOGUE CARDS.

Catalogue Number: Put the full number here.

Substance: What is it made of, ceramic, stone, shell etc.

Object: One or two word description.

Catalogue Number: Put full number under this column.

Catalogued by: Put your field number here.

Photo/Drawing Number: if a photo is taken or a drawing is made elsewhere then on the back of the card note the number and location.

Full Description: This means just what it sounds like. The best way to look at it is that you (or anybody else) may never see this piece again so write it such that the piece can be visualized.

Be sure to include:

- Paste Texture

- Visible Inclusions

  - Size (measure if possible)

  - Colors, which colors predominate, relative frequency by color, etc.

  - Abundance/Frequency, are there alot or not

  - Are they visible on the surface or only on the break.

- Firing Core, yes or no

  - Size and location in the sherd (ie central or all the way to one side).

- Hardness, subjective and use the Moh's Scale rocks.

- Color, for the paste interior and exterior but not the firing core (colors are taken from the Munsell book)

- Is there any evidence of fireclouding or burning on the surface.

- If applicable are there any handle or support scars and what shape of appendage is it (ie tube or strap, nubbin or hollow).

-Surface Finish

- Is it smooth, rough, burnished
- Are there inclusions visible on the surface.
- Is the finish the same on all sides.

-Decoration

- Is there a paint or slip.
  - Color (From Munsell)
  - How much of the sherd does it cover.
  - Is there a pattern or design.
  - Is it eroding.
- Are there incisions, appliques, modeling.
  - What are they like, where are they.

For Incision:

- What is the pattern and placement.
- Was it made in wet or dry clay (if you can tell).
- Is it made by single or multi prong implement
- How deep and wide is it.

For Applique and Modeling:

- Is it hand or mold made.
- Is it applied or pulled out of the surface.
- What does it look like, what are the patterns or discernable features.

-Lithics

- Note if there is evidence of use, retouch or wear.
- Is it broken or complete.

-Manos and Matates

- Include evidence of use/wear
- Cross sectional shape



-Are there feet

-Relative size

Be as complete as possible. Be sure to include colors and measurements (length, width, thickness, diameter). If you are in doubt about including something the answer is probably YES, but feel free to ask.

If you are not sure what kind of artifact it is, what kind of material etc. ask. I would rather tell you now than find it missing or wrong later. Also it is the only way you are going to learn.

A drawing or sketch will go on the back of the card. This should be done in pencil. It should include measurements. Be sure to note what scale it is drawn to. Back, front and side views (profiles) should be made as applicable to show the features of the piece. They should be labeled as to what view they are.

11/13/91

77-3

85-1

Lg = Large	Bot = Bottom
LAT = Lateral	Str = Striated
Scr = Scaris	LEV = Level
Sm = Small	CrA = Crack
NO = Nodule	Frac = Fractured
Cor = Corral	Shp = Sharp
my = many	Pnt = Point
Fl = Flake	Mat = Material
Rad = Radiating	Clg = Cloudy
Ln = Lines	BP = Bulb or Bubbler
Fr = From	Ru = Rubbed
PC = Prepared Core	Shr = Sharp
Gi = Giant	Flr = Floor
S-P = Striking Platform	Pch = Patches
Rgh = Rough	Pos = Possible
mn = much	BK = Black
Out = Outside	Gd = Good
V = Vary	
/ = with	
Bl = Blade	
Alm = Alms	
Tri = Triangle	
O = on	
Pa = Parrot	
Si = Sides	
Fi = Fissures	
IN = Inside	
Scr = Scratched	
Sur = Surface	
Dor = Dorsal Side	
mid = middle	
NO = NO/NOT	

19A39

19A41

19B10