

# SU 15 7 CONTEXT (c600) UNIT (= 100-100)

A - pottery

1 unit:

B - bones

81 cm radius =

C - shells

2 m<sup>2</sup>

D - stone

E - metal

F - other

G - charcoal

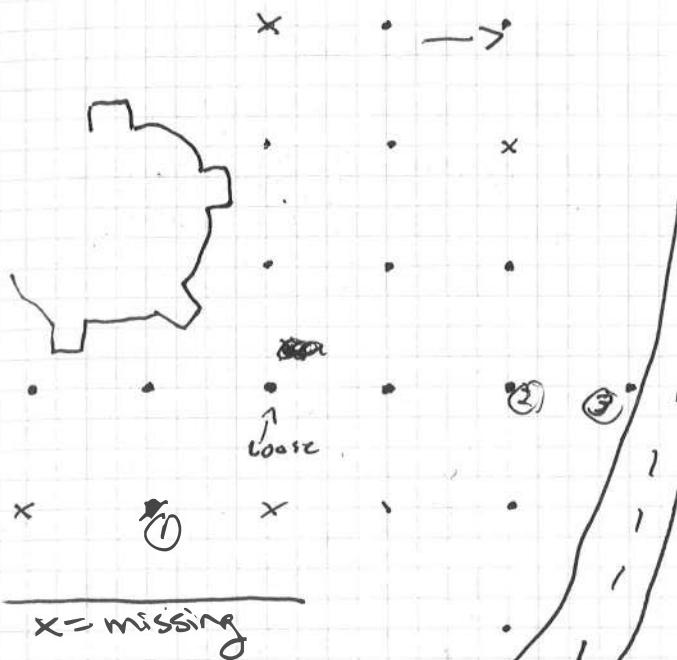
• • • • • • • •

S'Urachi 2015 - Survey

Alexander Smith

Linda Gusner

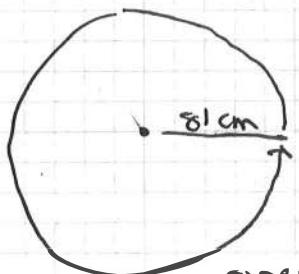
30.6.2015 S'Urachi Survey - Day 1



This morning we walked around the area N. of the nuraghe to verify how many of the ~~the~~ stakes that we inserted last year during the micropotographical survey were still in place, and to begin removing some of the nearby fennel stalks and purple death flowers. Many are still in place and the others can

be re-surveyed after we get access to the total station.

Our basic methodology is to do a test pit survey on the  $20 \times 20$  m grid already laid out (adjusting the pits according to accessibility at each point). Each test pit should be  $2\text{m}^2$  and laid out by spray painting a circle using an 81 cm string to measure the radius. We will then clear the surface of each unit and collect material to a depth of c. 10 cm.



This morning we started clearing Unit 102 - 102 (#1), which has the least

overgrowth of those N + immediately E of the nuraghe. (Starting photos, N-facing = 102-001, 002)

We have found ceramic and faunal bone. These appear to be primarily Roman commonware. // We finished the unit in the afternoon along with Miriam.

We then began unit 98 - 110 (#2), N. of the nuraghe. This is on a naturally(?) raised sloping area, which was very grassy. Directly to the north is a probably seasonal stream bed. The soil here is dark with many rocks - both basalt fragments and river pebbles. The deposit also has modern glass and plastic

Unit 98-112 #3

This is the unit north of the nuraghe closest to the road. It is on the other side of the seasonal streambed from the previous unit described. There is a large basalt stone in the unit and many other large boulders NW of the unit as well. The unit is extremely weedy + full of roots. Large stones (10-15 cm).

★ 1.7.15 S'Urachi Survey [Day 2]

This morning we continued the unit 98-112 #3 from yesterday. We found some probable classical-Hellenistic pottery and modern glass (a small bottle and some window glass). Finished.

Unit 102-108 #4

This unit is closest to the well, located just north of it and on a higher elevation, dried grass and ferns. The soil was compact and dark, very clayey with few rocks. We found 2 animal bones and no pottery whatsoever. We wonder if this is an accumulation built up by successive cleaning episodes of the well and/or trencher aside the well.

Lab: We established a basic spreadsheet for recording our finds bags (See also: back of notebook), so that we can keep track of bag numbers and artifact quantities for direct input into the GIS. Photos will be labeled as follows:

SU Z 15 1.1 O  
SU Z 15 1.2 P  
SU Z 15 1.3 C

O = opening  
P = progress  
C = closing

} for field

unit # ↗  
sequential ↘

SU Z 15 1.1 A  
SU Z 15 1.2 B  
SU Z 15 1.3 F

= ceramic  
= faunal bone  
= other (usually glass)

} for artifacts

\* 2.7.15 S'Urachi Survey [Day 3]

#5: SU15 Z 102-110 000

This morning we (with Roberto) opened the unit directly N. of #4 and next to the modern road. We didn't expect to find much in the way of ancient material because of this location, ~~also near the storage shed~~ various rubbish piles of construction material. The unit had loose, dark soil with abundant roots. In fact, we found a great deal of ceramic, much of it ancient (some diagnostic) and also glass (including 1 whole medicine vial), as well as abundant butchered animal bone and shell. Opening and closing photos taken.

#6: SU15 Z 104-108 000

The second unit of the morning is located just N. of the storage shed and very close to the road. The land is flat and grassy, but with a lot of debris associated with the site entrance. As a result of this location, many (though not all) of the ceramics collected were modern, including tiles. We also found modern glass and bone. Opening and closing photos taken.

#7: SU15 Z 96-108 000

After Steve Ellis' visit we decided to open up this unit N. of the nuraghe in an area of dense vegetation and raised ground, which we had hoped could be associated with ancient features. In practice, this was not the case - it is in fact a modern trash pile. It contained only 1 small jaw bone and no other obvious food refuse (which is what other faunal bones seem to be, abundant in some previous pits). This seems to have been a pile of domestic refuse collected over time and brought here including broken porcelain dishware, carseware, glass (many containers), and a lot of plastic (bottles, broken small pieces), fabric clothing, and 1 hot water bottle. We only collected ceramic and glass and did not sift for sanitary reasons. We are disappointed.

about the implications of these results for the rest of the raised areas north of the nuraghe. We had hoped to find more possibilities of this being a preserved settlement in this area. As a result of this we may move our first operations to Su Padigheddau (sp<sup>2</sup>), where we might have more interesting results to play around with, and then we can return to the north after this is complete.

3.7.2015 S'Urachi Survey Day 4

This morning we are refocusing our efforts on the south side of the site and mapping in the points we have lost (there have been a lot of animals in this field and some "landscaping" so most of the stakes are gone). We are setting up on defunct Datum 5, which is also loose and damaged, and triangulating with the secure datums should correct this. We used the old data collector because the new one couldn't manage to take points once connected. We shot in all of the points in Su Padigheddau that are visible from this vantage point, as well as most of the points on the east side of the dirt road.

In the afternoon we came back out with Miriam and Kelly and did three units.

Hсу 15 Z 106-104 000 = 106.102

This unit is located along the east side of the compact dirt road. The soil was hard, light brown, and contained some modern ceramic and tile. Opening + closing photos.

#9 SU 15 Z 106-102 004 106.100

This unit is located on a strip of dried grassy and flat land between the dirt road and a drainage channel. It had some medium sized rocks and abundant roots. Finds included animal bones and modern ceramics.

#10 SU5 Z 110-98 000

This unit is located just south of Datum 5 on the raised trash pile. It is in an area of dried grass in the flat fields. The soil is dark brown with many roots. Finds include modern glass and ceramic.

#5.7.2015 SV Urach Survey Day 5

This morning we relocated to SV Padighada, which we will concentrate on in a more systematic way than we've so far done with the other units. We started somewhat earlier today and are hoping to finish c. 5 units.

#11 SU15 Z 122.90 000

This unit is located in the flat, grassy land just south of the road. The soil is medium brown and fairly loose, with small stones. The fill turned out to be mostly soil with small to increasingly large river stones as the depth increased. There has been so much modification to the landscape that it is difficult to see where this potential worked is, but it seems the most likely explanation. Finds were superficial and included ceramics (ancient), a chunk of molded plaster, and the metal attachment of some kind of modern tool. (☞ T)

#12 SU15 Z 124.88 000

This unit is right at the edge of the eucalyptus grove, so it was covered in leaves and dried plant debris. The fill is dark soil with an E-W "line" of large (30-40 cm) stones - river stones). 1 sponge indicates that this is still within a zone of modern trash deposition. There were many large rocks throughout on the lower levels. Modern plastic trash, including a plate. We collected glass and some ceramic, including an amphora handle (Roman). We spent the second half of the morning in the lab to get caught up on washing and photos of artifacts.

#13 SV15 2 120.90 000  
 This unit is located in Sv Padrigeddu squarely in the lowlying grassy area between the road and the eucalyptus grove. The soil here is medium brown and extremely compact, breaking into large chunks. We found some ancient and modern ceramic as well as 1 glass shard.

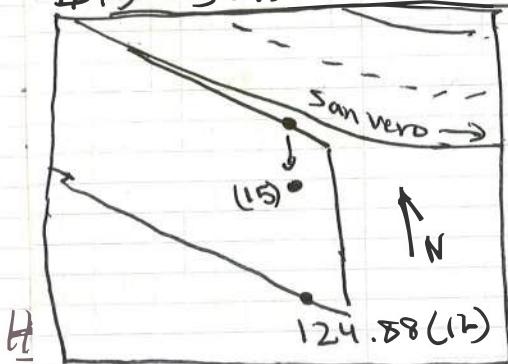
ov  
cr  
A  
B

#14 SV15 2 118.95 000

This unit is located right next to the eucalyptus grove in Sv Padrigeddu. The vegetation was thick grass, still green and very much alive. The earth is medium brown and cracked, presumably from drying after being inundated with water. It is extremely compact. We found just a bit of ceramic and bone, and the fill also had plastic from a water bottle.

ov  
cr  
A  
B

#15 SV15 2 124.90



This unit is the farthest NE in Sv Padrigeddu and located half on the modern road, which is elevated and full of fill. Thus, we decided to move the unit exactly 5m to the south on the same N-S line. This is S. of the road embankment in the flat grassy land. The fill was fill or river rocks, similar to #11, and soil a light brown.

We wonder if these rocks are actually not part of an old riverbed and actually part of the road embankment fill from the period of construction.

6.7.2015 Sivachi Survey May 6  
This morning we are continuing in Suvaqchedan with a  
6 am start. Dewey.

#16 SUIS Z 116.92 000

This unit is located just below the road embankment in flat, grassy land, gently sloping N. toward the road. Soil is dark brown with abundant small rocks and roots. There was an enormous amount of modern ceramic roofing and some bricks with plaster attached. We also found several bone bits and modern glass. A few pieces of ceramic appear ancient, but they are mixed in with this tile dumping. Not nearly as many river stones as in the other units near the road embankment. We also found 1 piece of (possibly) worked obsidian.

Photos D ✓  
C ✓  
Finds: A, B, D, F  
(mod. glass)

#17 SUIS Z 114.92 000

This unit is slightly farther from the road embankment than the previous one. The land is flat with grass and abundant thistles. The soil is dark brown with increasing small rocks. It breaks off in large, compact chunks (similar to the consistency of 120-90 (#13)). We have found mostly modern ceramic, but some possibly Roman sherdas and modern glass.

Photos: O ✓  
C ✓  
Finds: A, F  
(mod. glass)

#18 SUIS Z 112.92 000

This unit is located close to the eucalyptus grove and has grass and moss that is more loosely adhering to the soil than usual. The soil is medium brown and not as compact as many of the units we have been dealing with around here. Finds included ancient (Roman?) and modern pottery as well as modern glass and fossil bone.

Photos O ✓  
Finds: A, B, F  
F7

We spent the second part of the morning washing our finds from yesterday afternoon and today in the lab. We are caught up with washing but do need to do artifact photography and counts tomorrow.

In the afternoon we are going back with David and Anton in the hopes of completing 4 more units.

#19 SVS5 Z 110.92 

This unit is located on the edge of the eucalyptus grove. Some medium garbage (fabric, glass), but not many modern ceramics. The dirt was loose and medium brown. Ceramics included an interesting variety of ancient ceramics incl. probably 1 Nuragic sherd (abax). Some faunal bone.

Photos  
OV  
CV

Bags  
A  
B  
F

#20 SVS5 Z 108.92 

This unit is located very near the circular geomagnetic anomaly discovered last year in SV Padiyhekkaw, so we were very eager to see what kind of ceramic would be present. The area is flat and grassy but with medium brown soil that is much looser than the soil in every other ~~unit~~ unit we have dug in this area. We find enormous quantities of ancient material, mostly very small pieces of ceramic (punic, Roman, hopefully some Iron Age). Very little modern material, but some brick and glass. We also found Shells and a great deal of faunal bone. The deposition process is unclear here, but there is a drainage trench and dirt road associated with the plowed fields to the W. ~~the open fields~~, so these pieces may have been thrown over here w/ soil during construction.

Photos  
OV  
CV

Bags  
A  
B  
C

F-mod. glass

# 21 SU15.7 108.94 000

Photos  
OV  
CV

Bags  
A  
B  
F-mod  
glass

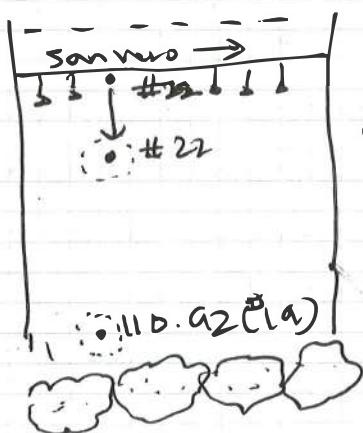
This unit is located just S. of the road embankment, close to the modern drainage canal to the W. It is on flat grassy land with medium brown soil, full of roots and compact. Few materials came out, but interestingly ceramic was only ancient. Some faunal bone and modern glass.

# 22 SU15.7 110.94 000

Photos  
OV  
CV

Bags  
A  
F-mod.  
glass  
B

This unit was originally placed on the edge of the modern road, so (like w/ #15), we relocated it 5m directly S. This is on typically flat



grassy land with lots of roots and relatively loose. We

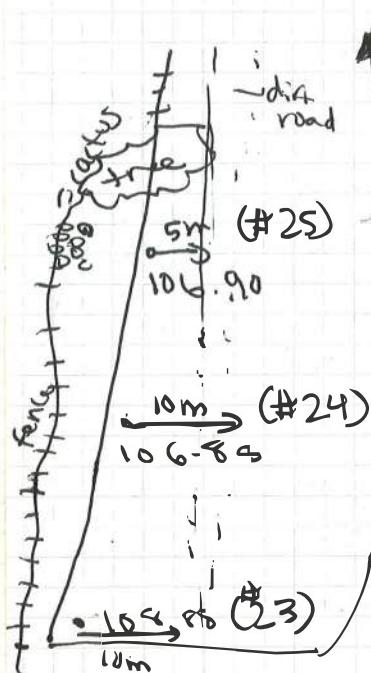
N1 found very little material here (ceramic, bone, and modern glass), but also very little trash.

Our overall impression of this Western end of the survey in So Paddington is that it corroborates the geophysical survey and finds from the 1980s. We are finding higher concentrations of ~~modern~~ ancient ceramic here than anywhere else on site, many of which are ancient (some potentially Neolithic, most Roman). The most pottery was found in #20 near the circular geophysical anomaly, and this is potentially an interesting and fruitful place to position some larger test units to see if there is stratigraphy. Happily, there is less modern contamination in this area as well.

★ 7.7.15 S' Uvach survey

Day 7

This morning we finished off #22 from yesterday and took closing photos. We didn't find much more but at least the circles is more even now. We then set the TS up to shoot in the final 4 points on this side of the road. We used #20 and #22 (original pt) to backsight, so these might not be entirely accurate but should be close enough for our purposes.



108.92 (#20)

108.90 (#26)

Because of the vegetation on the west side of the survey area (cactus and large trees and bushes), we had to offset points 23-25.

#23 is 10m to the W. of where it should be, as is #24). #25 is 5m to the W. of its original location.

Not only did this make it possible to map these points, but it put them in locations that are potentially more interesting. This took a good chunk of time, so we are running a bit behind ideal schedule.

106.86

#23 SVS = 108.88 000

This point is located immediately E of the dirt road leading S. into agricultural fields. The landscape has many unnatural looking mounds, and the point sits on a raised area. It is covered in thistle and other unpleasant plants. The soil is medium brown, compact, and full of rocks. It breaks off in chunks. Finds not as abundant here as in the areas further north.

Photos  
or  
C

Finds  
A  
B  
D  
E mod  
glossy

107

This afternoon we have returned to the field with Kelly and Sam to finish up work in SV Padrigheaddou.

# 24 SU15 Z 106.88 000

This unit is located directly next to the dirt road to the E. It is on flat land with grass and prickly weeds. The soil is medium brown, compact and clayey. Not many finds in comparison to #20, #25 to the N., but no modern contamination (some plastic bits)

Photos  
OV ✓  
C ✓

Finds.  
A  
B

# 25 SU15 Z 106.90 000

This unit is located on a sloping area between the dirt road and the fence/cactus grove. The ground was full of yellow thistle and low weeds + grass. The soil is medium brown with some small stones, not as compact as the other units we have done today. We found many small fragments of bone and ceramic as well as shell. This seems to corroborate the evidence from #20, + probably is an interesting area to look into further.

Photos  
OV ✓  
C ✓

Finds  
A  
B

# 26 SU15 Z 108.90 000

This unit is located under a eucalyptus tree at the W. edge of SV Padrigheaddou. There was lots of grass and other vegetation on the surface. The soil was loose and wet with frequent pottery and bones (very small). There were several medium stones (30-40 cm).

Photos  
OV ✓  
C ✓

Finds  
A  
B  
C

# 27 SU15 Z 106.90 000 = 108.98 \* error in label

This unit is located on the modern dirt road in the northern part of the site, and as a result was extremely compact with no vegetation. There was more tile and ceramic (modern) than soil, and the soil was reddish from pulverized tile. We collected as much as we could but left the smaller pieces.

Photos  
OV ✓  
C ✓

Finds  
A  
E  
F-mod.  
glass.

8.7.2015 S' Urachi Survey Day 8

Having finished with Sv Padigreddos yesterday, we have moved back to the NE part of the site in order to finish as many of the pre-stated points as possible.

#28 SVIS Z 112.98 000

This unit is located in a flat grassy area E of the Datum 5. The soil is dark brown and full of roots. There is abundant modern garbage including plastic and metal cans as well as glass (collected). Much of the glass has been burned, consistent with what we would expect for burning trash piles in the fields here. We did find some ancient pottery, possible slag, and collected a pair of rusted scissors and metal twist tie.

Photos
O ✓
C

Finds
A
F-mod glass
B-scissors
F-Slag
B

#29 SVIS Z 114.98 000

This unit is very close to the modern wall that surrounds the site, which means that the vegetation is high and thick here and that there are some medium rocks scattered around (probably as a result of the wall construction).

The ground is extremely compact with frequent small stones. Not much garbage, however.

1 piece of glass and some ancient ceramic.

Photos
O ✓
C ✓

Finds
A

#30 SVIS Z 110.100 000

This unit is located N. of the Datum 5 mound in a grassy area that has recently been trampled by animals. (cow) poop abundant! The soil is loose and very full of roots. There is a lot of plastic and plaster garbage, which we did not collect. Some glass, bone, ceramic (ancient + modern), a bottle cap and spiral circle (P)

Photos
O
C

Finds
A
B
C
D

F-mod  
glass

We discovered this morning that 3 points had been mislabeled.

#27 is actually 108.98, was 106.98

#8 is actually 106.102, was 106.104

#9 is actually 106.100, was 106.102

We will need to change the bag labels before photography.

An afternoon with Alex, Linda, Miham + TRASH:

#31 SUIS Z 108.100 000

Photos:

O ✓  
C ✓

Finds:

A  
F-mod.  
glass

This unit is just E of the modern road (dirt) or flat, grassy land. It appears to be a relatively recent deposit of trash including a ton of glass (< 1000 pieces)-mostly alcohol containers but also cups and a nail polish bottle; some pottery & modern tile and porcelain; plastic (some burnt); a burgundy sweater; and other odds and ends. This represents dumping on the site over with the past 20 years, probably. Not very sanitary, so for safety reasons we did not screen and just collected a sample of glass and ceramic using gloves.

#32 SUIS Z 112.100 000

Photos

OV (2)  
GV

Finds

A  
F-mod.  
glass

This unit is very close to the modern site surrounding wall in a grassy, elevated area. The soil is extremely compact and medium brown. There is a large amount of modern tile/brick that could be construction refuse, and some modern glass.

## #33 SVIS Z 110.102 000

This unit is located near the modern site commanding wall in an area of dense grass, sloping slightly up towards the wall. The soil is medium brown, very compact, and very rocky. We found an enormous amount of ceramic (mostly modern, some ancient), and smaller amounts of glass, bone, and shell.

Photos:  
O ✓  
C ✓

Finds:  
A  
F-mod glass  
B  
C

## #34 SVIS Z 108.102 000

This unit is located in a lower lying area of the grassy field, with many thistles and a giant owl spider (just N. of unit). The soil is dark brown, full of roots, and relatively loose. It is full of modern glass and other trash (plastic, sport plug, ointment tube). All part of the distribution of modern trash dumps in this ~~area~~ area.

Photos:  
O ✓  
C ✓

Finds:  
F-mod  
glass  
B  
E

♦ 9.7.2015 Day 9 S'Vrach Survey

Today we are starting at 7am because the temperature has dropped and the maestrale winds are here. We placed in 6 more stakes until it got too windy for them to stay upright... Now we will try to get as many units in before break as possible.

## #35 SVIS Z 108.104 000

This is the final unit close to the site commanding wall, the Westernmost unit. It is on a flat grassy area. Soil medium brown with a fair amount of small rocks, loose. Not many finds - a few pieces of modern ceramic, bone, and glass.

Photos:  
O(2) ✓  
C ✓

Finds:  
A  
B  
F-mod  
glass

## #36 SU 15 Z 106.104 000

This is the northern extent of the modern dirt road, just half on the road and half off of it to the E, sloping slightly down into the modern drainage channel. Grassy. Soil medium brown and compact, very full of roots. Abundant modern tile and brick. 1 piece of stone (marble) construction material left in the soil but photographed.

Photos  
O(2)✓  
C✓  
Finds  
A  
F

## #37 SU 15 Z 104.106 000

This unit is located directly south of the shed in a flat area with almost no vegetation because of all the foot and vehicle traffic. The soil was light brown and surprisingly loose. There were just a few pieces of ancient ceramic.

Photos  
O(2)✓  
C✓  
Finds  
A

## #38 SU 15 Z 104.104 000

This unit is located in the grassy and thistly area of unlandscaped land between the nuraghe and the modern road(dirt). There are many large basalt stones, presumably from site collection and piling here, nearby the trench. The soil is dark brown and extremely loose, in some parts, while very compact in others. Small rocks present and some larger ones. Some pottery, bone, and 1 piece of obsidian. This is the third obsidian we have found, which will be fun to compare to those from the excavation.

Photos  
O ✓  
C ✓  
Finds  
A  
B  
D

## #39 SU 15 Z 104.102 002

This unit is located just S of #38 in a similar situation w/ respect to the rest of the site/dirt road. The vegetation was dense. Soil medium brown with occasional small rocks. Ceramic scarce but we have ancient including 1 black glass.

Photos  
O ✓  
C  
Finds  
A  
B  
15

★ 11.7.2015 S'Urachi Survey [May 10]

This morning we began work at 6 am with team  
and completed 3 units (#~~37~~, 40, 41, 42),

### #40 SUIS 2 104.100 000

This unit is located by the berry bush and so we offset it by 1 m to the E because of the dense and prickly vegetation. There was thick grass, some alire.

Soil medium brown and relatively compact with many roots. Finds sparse.

Photos

OV  
CV

Finds

A

### #41 SUIS 2 104.98 000

This is the final unit in the N-S line of #37-41 that we have completed. It was closest to the road in a flat, grassy area (and near the geophysical anomaly). Despite this, the unit proved uninteresting - the soil was medium brown + full of roots, relatively loose. Finds included modern tire and a few bits of ancient ceramic.

Photos

OV  
CV

Finds

A

### #42 SUIS 2 108.96 000

This unit is located on a sloping area just north of the modern paved road, between the road

(N), a ditch (S); a blackberry tree (E). The land was dense with fennel and grass, which was difficult to clear. The soil was medium brown with frequent small-medium sized rocks. Very few finds (even garbage) - ancient ceramic, 2 rusted metal rods, faunal bones, tiny fragments of glass.

Photos

OV  
CV

Finds

A  
B  
C  
F glass



\* This is offset 5m W. of the original point.

## #43 SV15 Z 106.98 000

This unit is located at the bottom of a N-S running drainage ditch, with thick vegetation.



The soil is loosely packed with roots and several large stones (in fact there are many large stones scattered in this area). The unit turned up some very worn ancient ceramic and some plastic trash (not collected).

\* back in the afternoon w/ Laura and Jeremy

## #44 SV15 Z 96.106 000

This unit is located on a sloped mound just north of the nuraghe's landscaped (read: moved) area. There are dense fennel and prickly shrubs in the vicinity. The soil is light brown and loosely packed with frequent bits of ceramic and bone. Likely the backfill pile of previous excavations.

## #45 SV15 Z 98.108 000

This unit is located N. of the nuraghe on a slightly sloping mound in an area of dense ground cover (fennel + grass). The soil is light brown with frequent small rocks, loosely packed. There is a ton of pottery, mostly from Roman pd., some bone, large chunks of unfired pinkish red bricks. This is an extremely interesting one - exactly what Alex and I had hoped to find in this area when we were disappointed by #7. There are Roman amphora and several pieces of terra sigillata, plus Late Punic-Roman vessels (many diagnostic sherds). This could correspond to later occupation in this side of the site.

Photos  
OV  
CV

Finds  
A

Photos

OV  
CV

Finds

A  
B

F-Slag  
F-glass

Photos

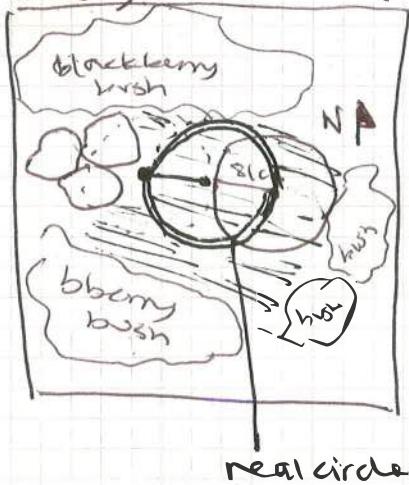
OV  
CV

Finds

A  
B  
D

## #46 SVIS 2 96.110 000

This unit is located in a low lying area north of the nuraghe. The true point was located exactly in a pile of large boulders (at least 3, perhaps more under the dense blackberry bush). We offset the unit by 81 cm to the E.



The grass + other vegetation is dense.

Photo

OV  
C ✓ (12 JUN)

Finds

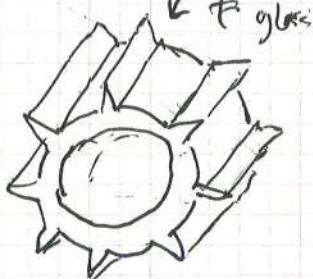
A

C

E

B

F glass



## 12.7.2015 SURVEY Survey Day 11

This morning Alex and I staked out the rest of the missing points N. of the nuraghe and immediately E. There are still 5 missing points for another occasion to the far E by the road.

## #47 SVIS 2 106.104 000

This unit is located in a grassy, flat area within the landscaped area just N. of the trench E border. It is the location of another old datum point, which we uncovered beneath the surface, indicating the rise in ground level even since the 80's. The soil was dark brown and relatively loose with frequent bone and ceramics (mostly amphorae and other coarseware, some terra sigillata). Not any trash here b/c this part of the site is better taken care of.

Photo

OV

Finds

A

B

D

## #48 SU 15 Z 100.106 000

This unit is just N of #47 in an area just outside of the mowed grass. Vegetation is low but very thick and dense. Soil is medium brown and compact with many roots. Ceramic and bones present but infrequent.

Photos
OV
CV
Finds
A
B
C

This afternoon we are back in the field with Miriam and Jeremy, and are completing #46 first (notes on page 18)

Ran

Photo
OV
CV

## #49 SU 15 Z 106.112 000

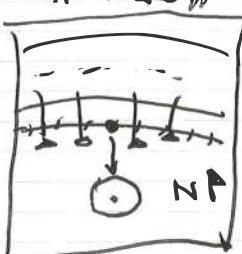
This unit is c. 15m S of the modern paved road in a grassy W-N-lying area bisected by an animal pathway of flattened grass. The soil is medium brown and full of roots but relatively loose. There are a lot of porcelain ceramics and a possible lead glazed 19th century rim which we should look at more.

(reconnoiterable, at least partially)

Finds
A
F med glass
E
B

## #50 SU 15 Z 100.112 000

This unit is located on the barbed wire fence by the modern road so we offset it 2m to the ~~SW~~. This area is dense with thistles, grass, and shrubs. The soil was compact, dark, and



clayey, breaking off in large chunks. Material sparse, but included glass and a ceramic stopper to a glass bottle with an inscription in red "FLU PUDNU OKISTAND."



It looks an older style. Together with #49, we have an interesting collection of older ceramics.

Photo
OV
CV
Finds
A
F-glass

PA

## #51 SU15 Z 100.110 000

This unit is located just N. of a drainage channel or seasonal streambed on sloped land with dense vegetation. The soil is medium brown and compact, breaking off in large chunks. This unit is part of modern dumping - lots of modern ceramics, porcelain (some lead glazed and perhaps a bit older), bullet casing, bones, and a piece of plastic camera film (which we collected because it dates the dump and because it might have been made in Rochester).

Photos

OV  
CV

Finds

A  
F-glass  
E  
F-film  
B

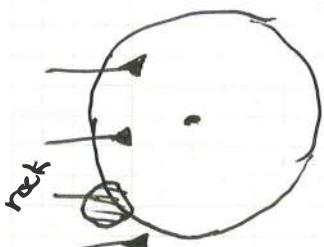
## ¶ B. 7. 2015 S' Urachi Survey [Day 12]

This morning the zanzans are out of control for the 6 am start! We are working alone, and finished up unit 51 from yesterday and recorded there.

## #52 SU15 Z 100.108 000

This unit is just W. of the moat well on a grassy animal path at the edge of a raised area in the landscape. There is one large boulder at the edge of the unit and heavy grass throughout. We are pulling out a ton of

N<sup>E</sup> ancient pottery in the western edge of the trench from the slope, so we wonder whether the hill in this area is indeed an archaeological feature. The E side, however, is mostly modern trash (plastics + metal).



Photos

OV  
CV

Finds

A  
B  
F-glass  
E-can tops  
D-new  
J

### #53 SU15 Z 102.106 000

This unit is located in the flat landscaped area of green grass just S of the well, where there is a lot of pedestrian traffic. The grass was very tall in this area and the soil consistency extremely uneven with some small medium rocks. The unit had hardly any material - only ceramic and bone in very small quantities. But we found 1 Nuragic Rim sherd that is dark and burnished. It is likely completely  out of context, and we don't think this is any indication of Nuragic presence in this specific point.

→ This afternoon we are back in the field for 3 hours with ~~BB~~ Ann Van Dommelen.

### #54 SU15 Z 102.104 000

This unit was located S. of the well in the middle of the spoil heap from Trench E, so we offset it by 5 m to the E. The new unit is on flat land with thick grass and thistles. Almost no artifacts - 1 bone, and c. 6 tiny ceramic sherd<sup>s</sup>.

### #55 SU15 Z 102.100 000

This unit is just E of the nuraghe past the landscaped zone on a flat grassy piece of land. Soil is extremely dark and relatively loose. Looks like a deposit of animal poop-rich soil. 1 tiny sherd, 1 melted child's shoe (not collected, but photographed).

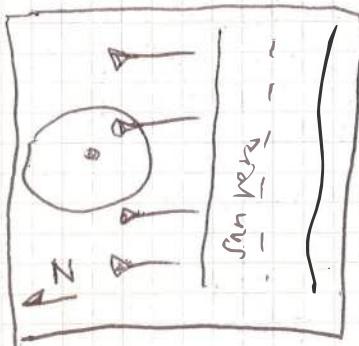
Photo  
O✓  
C✓  
Finds  
A  
B

Photo  
O✓  
C✓  
Finds  
A  
B

Photo  
O✓  
C✓  
Finds  
A

#56 SU15 Z 102.98 000

This unit is located in a dense thicket of fennel on the edge of the old paved road embankment. The soil is loose w/ many



small and medium sized rocks. There is a lot of ceramic here - 1 black figure, tabana, amphora, coarseware.

Very surprising to find this much ancient material near the road embankment w/out very much contamination.

14.7.2015 S. Urachi Survey Day #13

This morning we are back at work at 6 am and hoping that this will be our second to last day of the main survey fieldwork so that we will have time to open a test trench or two. Mosquito situation dire.

#57 SU15 Z 100.100 000

This Unit is offset 3m to the West of Datum 1. in an area of manicured flat grassy landscape. The grass was thick. Soil medium brown and loose. finds infrequent but include ancient pottery, 1 piece of glass, 2 pieces of bone.

#58 SU15 Z 98.106 000

This unit is located N. of the mosque in a dense thicket of spiny plants and blackberries. There are a number of large boulders that probably came from the nearest ~~mosque~~ tower. but could also be reused for some later architecture. the ground level is extremely variable here - possibly an old spoil heap or an archaeological feature. Find #22) Pair number of ancient diagnostic sherds.

Photo	OV
	CV
Finds	A
	B
	C
	D-bricklim
	F

Photo	OV
	CV
Finds	A
	B
	F-glass

Photo	OV (W)
	CV
Finds	A
	B
	F-glass

We now need to shoot in the remaining 5 points before completing the survey.

### #59 SU15 Z 116.96 000

This unit is located half in and half out of a modern drainage ditch. Grass is dense, dry, and extremely deeply rooted in the compact earth, very dark brown soil. Many river stones.

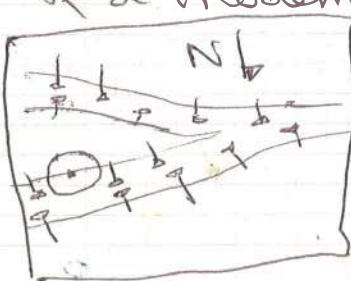


Photo	✓
OV (S)	
CV (S)	
Finds	
A	
B	
F mod grass	

### #60 SU15 Z 112.96 000

This unit is in a relatively flat area alongside the modern drainage ditches. The grass is extremely thick and soil extremely compact. We had no modern finds or garbage, but ancient bone and ceramic present.

15.7.2015 S'Urachi Survey Day 14

we are hoping this is our last morning of survey so we can concentrate on finds processing.

### #61 SU15 Z 114.96 000

This unit is in the far E of the site in the grassy, flat field. There seems to be less garbage at this end, at least in the areas removed from the site surrounding walls.

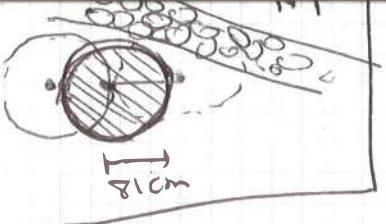
The soil is dark brown and compact with not a single artifact.

### #62 SU15 Z 116.96 000

This unit is up against the site surrounding wall at the E-most end of S'Urachi, so we offset the point 81 cm to the W.

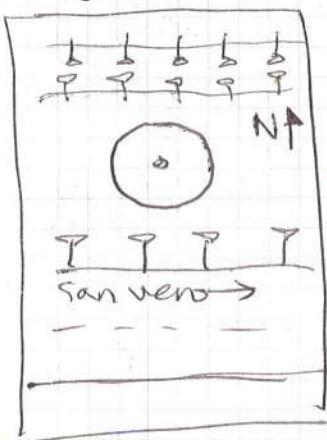
Photo	✓
OV	
CV	
Finds	
Ø	

Photos	
OV	
CV	
Finds	
A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	
P	
Q	
R	
S	
T	
U	
V	
W	
X	
Y	
Z	



This is an area of tall grass and medium rocks thought, probably from the period of construction of the wall.

## #63 SUISZ 1/4. 94 000 ¡EI ULTIMO!



This unit is located on a flat tract of land between the modern road embankment and a modern drainage ditch → we don't expect any archaeology to be preserved here because of the extreme modifications to the landscape. We found a few ceramics - mostly from the same broken porcelain plate and 1 bone.

Photos

OV LN  
S

C ✓

Finds

B

A

# Ceramic Bags ✓

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

11  
12  
13  
14  
15  
16  
17  
18  
19  
20

21  
22  
23  
24  
25  
26  
27  
28  
29  
30

31  
32  
33  
~~34~~  
35  
36  
37  
38  
39  
40

41  
42  
43  
44  
45  
46  
47  
48  
49  
50

51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
62  
63

Bone Bags ✓

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
  
14  
16  
18  
19  
20  
21  
22  
23  
24  
25  
26

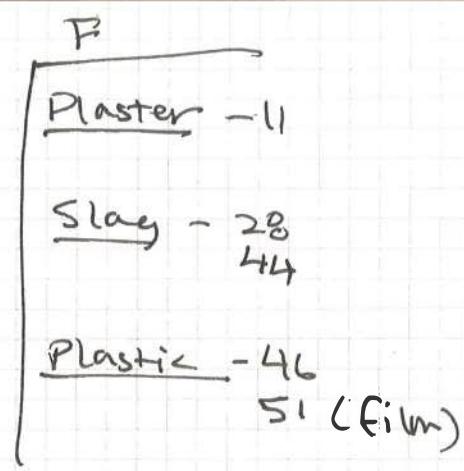
30  
33  
34  
35  
38  
39  
40

42  
43  
44  
45  
46  
47  
48 → (48?)  
49  
50

51  
52  
53  
54  
56  
57  
58  
59  
60  
63

### Shell (C)

5  
17  
19  
20  
25  
26  
33  
46  
48  
56  
59



### Stone (D)

16 ~ Wt.(3)  
18  
23  
27  
30  
38  
45  
47  
52  
56

### Metal (E)

11  
~~27~~  
27  
28  
30  
34  
41  
42  
46  
49 (1), (2) / 2 of 46 (?)  
51  
52

# Glass Bags ✓

2  
3  
5  
6  
7  
10

12  
13  
16  
17  
18  
19  
20

21  
22  
23  
27  
28  
29  
30

31  
32  
33  
34  
35  
36

41  
42  
43  
44  
46  
49  
50

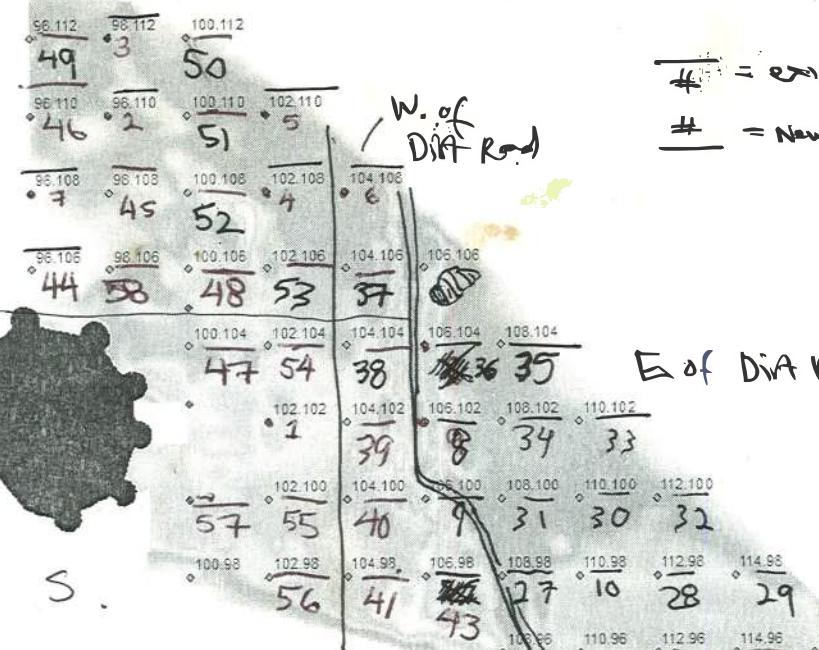
51  
52  
~~53~~ 56  
57  
58  
59  
62

# Drawn:

## Historic Forms:

1. (9). Yellow Glazed Bowl rim } 61  
 2. (16). Plate/Bowl }  
 3. (32). Rim }  
 4. (33). Bowl rim }  
 5. (3) medium bowl }  
 6. (4a) Basin rim }  
 7. (4a) Base } 2  
 8. (4c) Rim/Handle }  
 \* Imperial Roman }  
 9. (44) Rim } 3  
 10. (44) Rim }  
 11. (44) Rim } 4  
 12. (44) Rim } *coarse Roman*  
 13. (45) TS af. }  
 14. (45) Rim }  
 15. (45) Rim }  
 16. (56) Punic base } 4  
 17. (56) Cooking pot rim }  
 18. (56) Phoenix rim } *Punic Amphora rim*  
 19. (56) Punic jug. rim }  
 20. (56) Phoenix amph. rim }
21. (22) plate base } 5  
 23. (25) jug rim }  
 24. (26) Storage vessel }  
 25. (33) jug. (IA) }  
 26. (58) Pot rim }  
 27. (5x) amphora } *rim*  
 28. (20) Punic rim } 6  
 29. (20) rim punic }  
 30. (45) punic rim }  
 31. (45 or 6?) punic rim. } *(ugly)*  
 32. (45) Italic amphora } 7  
 33. (45) Punic amphora }  
 34. Nuragic }  
 (5) Basin rim }  
 35. (6) Storage jar rim }  
 36. (52) closed form rim }  
 37. (53) bowl rim }  
 38. (20) body wider } 8  
 39. (20) rim }  
 40. (20) rim }  
 41. (20) Handle } 9  
 42. (20) Elbow handle }  
 43. (52) rim }  
 44. (5a) rim/handle }  
 45. (41) figure }

2



100. 326

# = existing state  
# = New, mapped state

5

# Microtopographical Survey 2014

- Survey Units Displayed

## Outline of Nurage

### Height in Meters (75cm Resolution)

- High : 101.732

- Low - 99 2855

- Low - 99 2855

- Low : 99.2855

A hand-drawn map showing a survey line with various points labeled by their horizontal distance from point 23. The points are arranged along a curve, starting from 42 and ending at 15. A scale bar at the bottom indicates distances in meters from 0 to 100.

Point	Horizontal Distance (Meters)
42	0
59	~12.5
60	~25
61	~50
62	~75
21	~106.94
22	~110.94
63	~114.94
20	~108.92
19	~110.92
18	~112.92
17	~114.92
16	~115.92
25	~106.90
26	~106.96
14	~118.90
13	~120.90
11	~122.90
15	~124.90
24	~105.88
23	0

The label "Su Padnigadda" is written across the middle of the line. A compass rose is located in the bottom right corner.

