

"ITER"

Archeologia Patrimonio e Ricerca italiana all'estero

Missione archeologica dell'Università di Chieti :
Cipro, Egitto e Libia
«Archeologia a rischio, monitoraggio e sostenibilità»

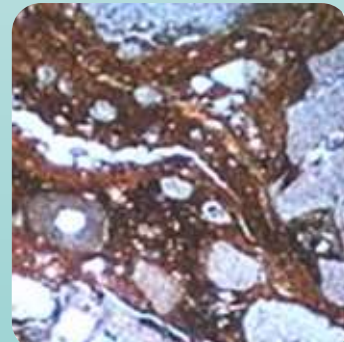
Oliva Menozzi, Eugenio Di Valerio, Maria Giorgia Di Antonio, Luca Cherstich





Μονι Ρυργος Ρεντακωμο Μοναγρουλλι
Cyprus
Survey project

Cyprus

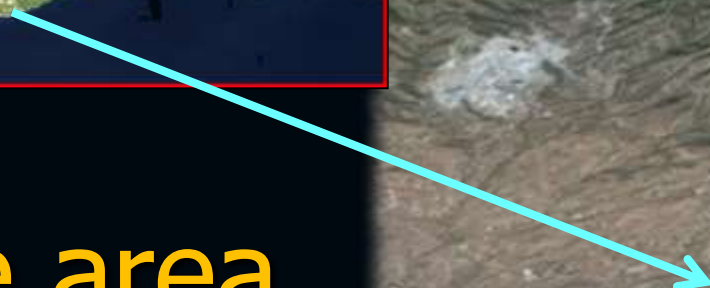


PARTNERS

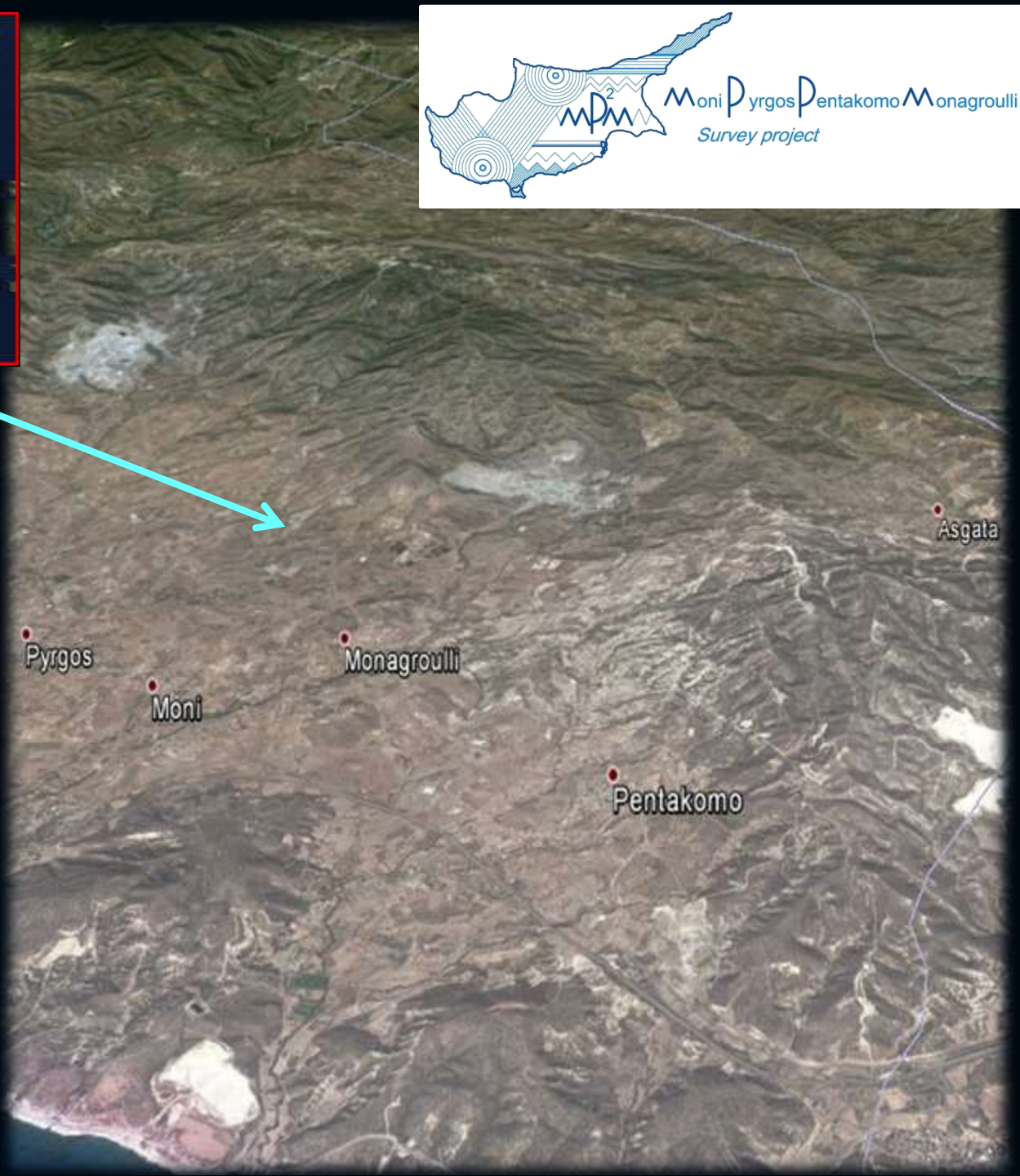


- ▶ University of Chieti G. d'Annunzio, Chieti-Pescara (CAAM and DispuTer)
- ▶ Department of Antiquities of Cyprus
- ▶ Archaeological Museum of Limassol
- ▶ IIPP- Istituto Italiano di Preistoria e Protostoria, Florence
- ▶ Geological Department SBAA-MIBACT (Italian Ministry of Cultural Heritage), Chieti and Rome
- ▶ Gruppo Archeo-Speleo ASDNature
- ▶ Scuba Diver Unit- Guardia Costiera Italiana
- ▶ Cyprus Institute





The area





Pyrgos



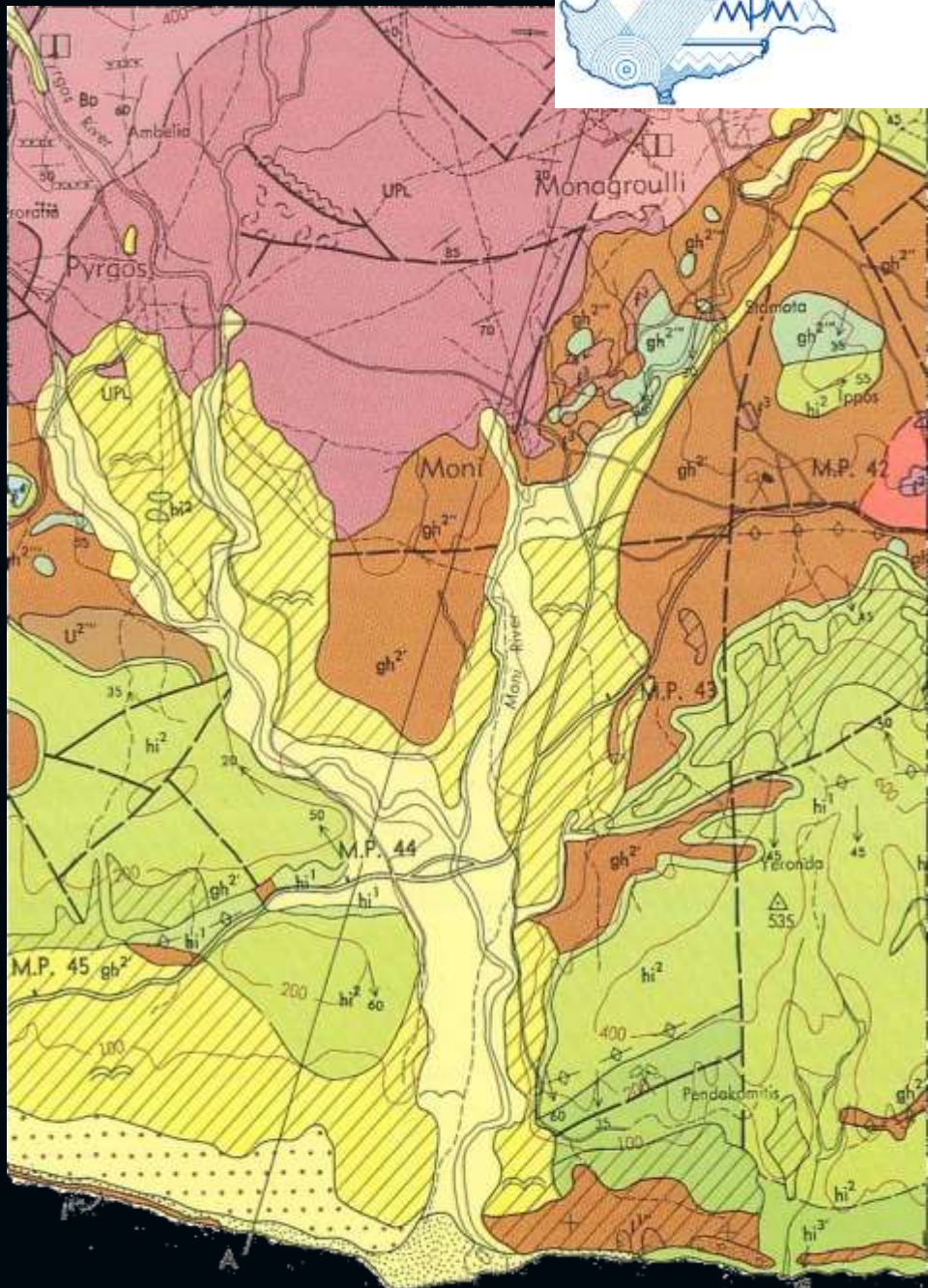
Monagroulli



Pentakomo

Moni





➤ Geo-morphological survey

➤ Intensive field survey

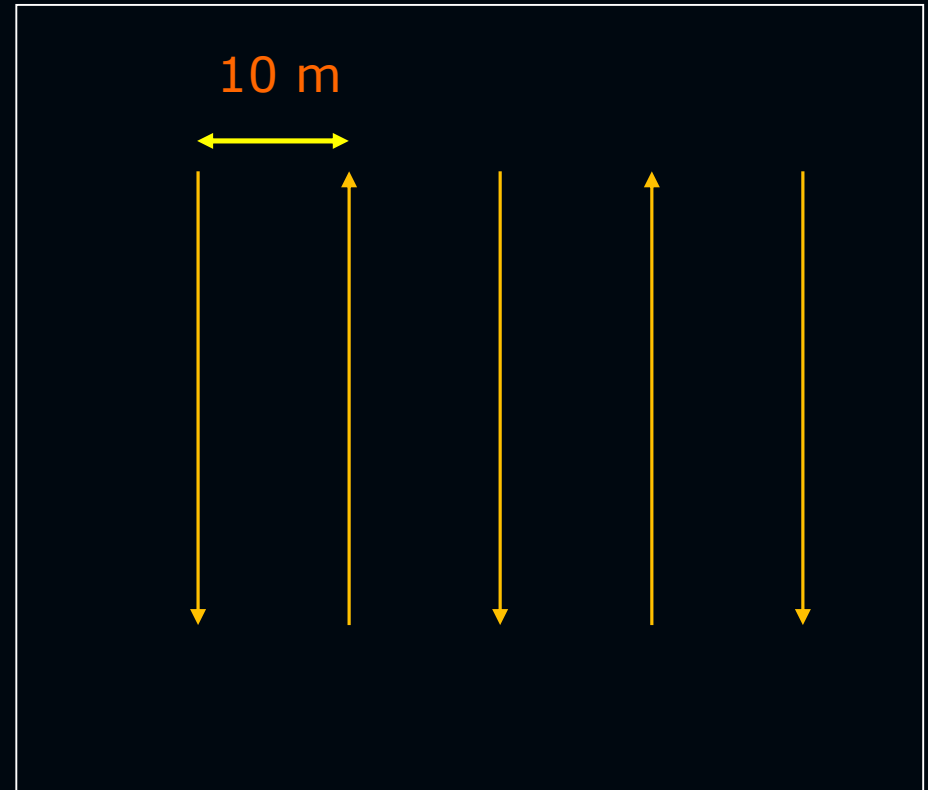


▶ Preliminary Intensive Survey

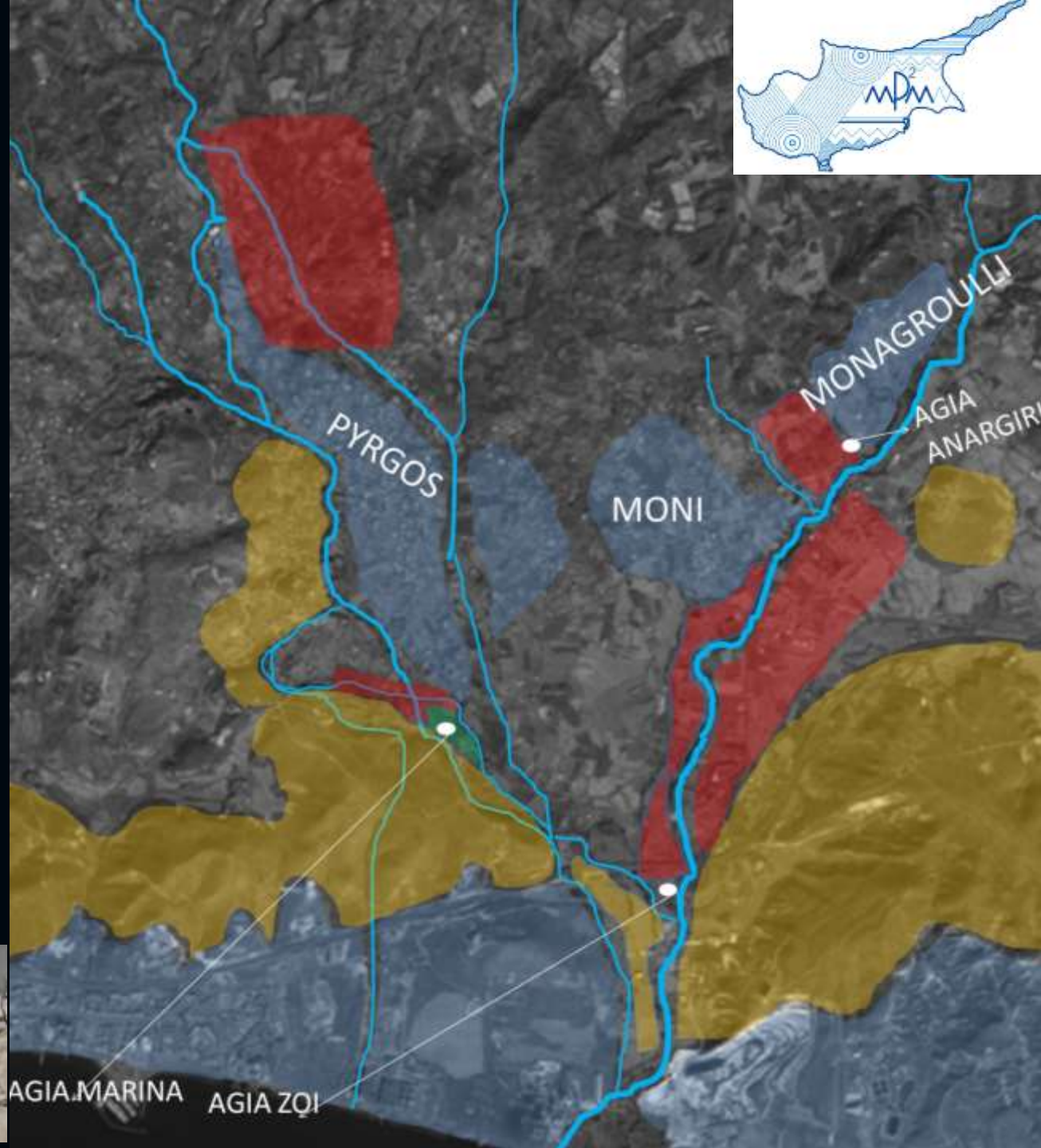
- 10x10

▶ Sampling Strategy

- 20 %



➤ Judgmental survey



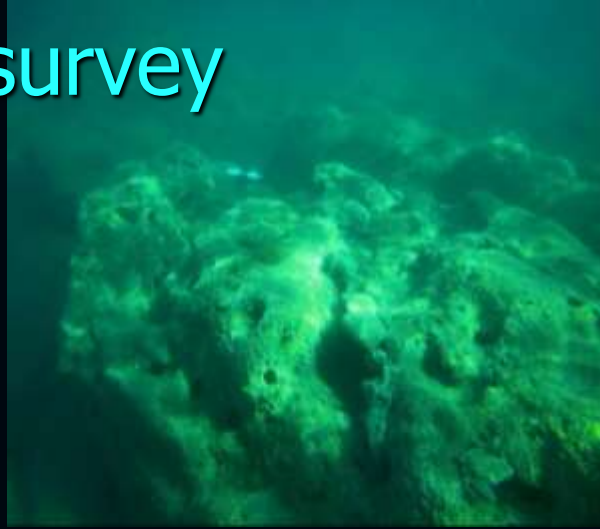


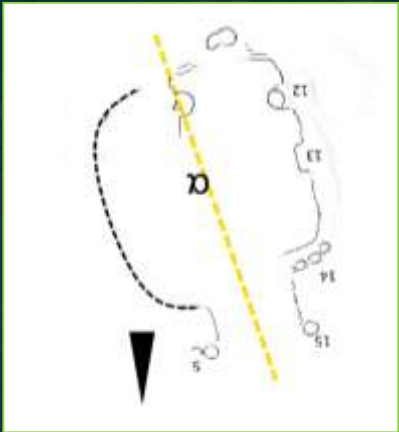
➤ Speleological survey

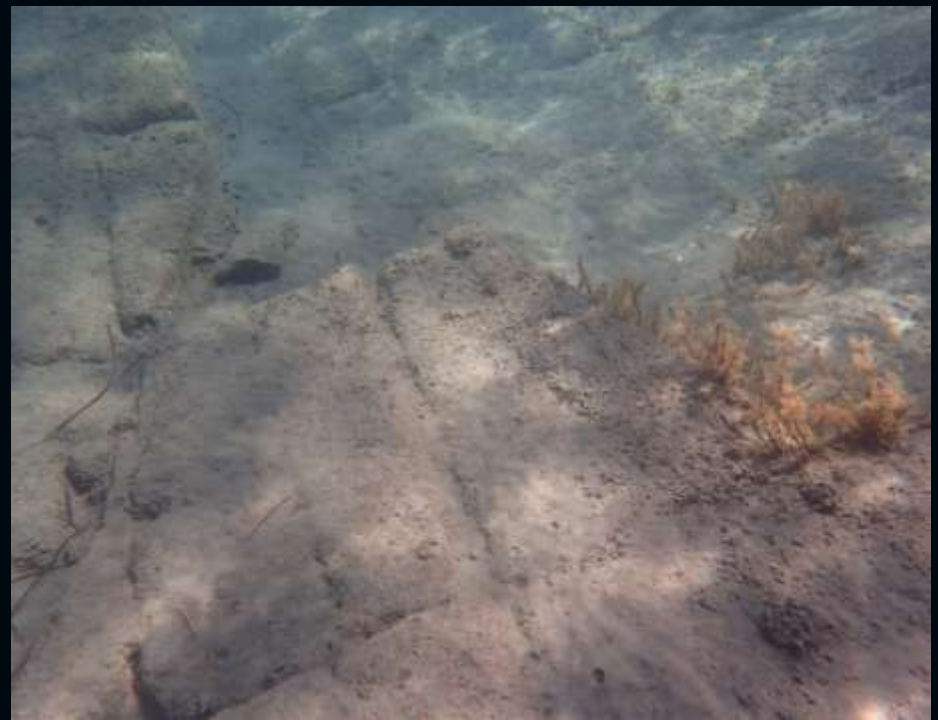




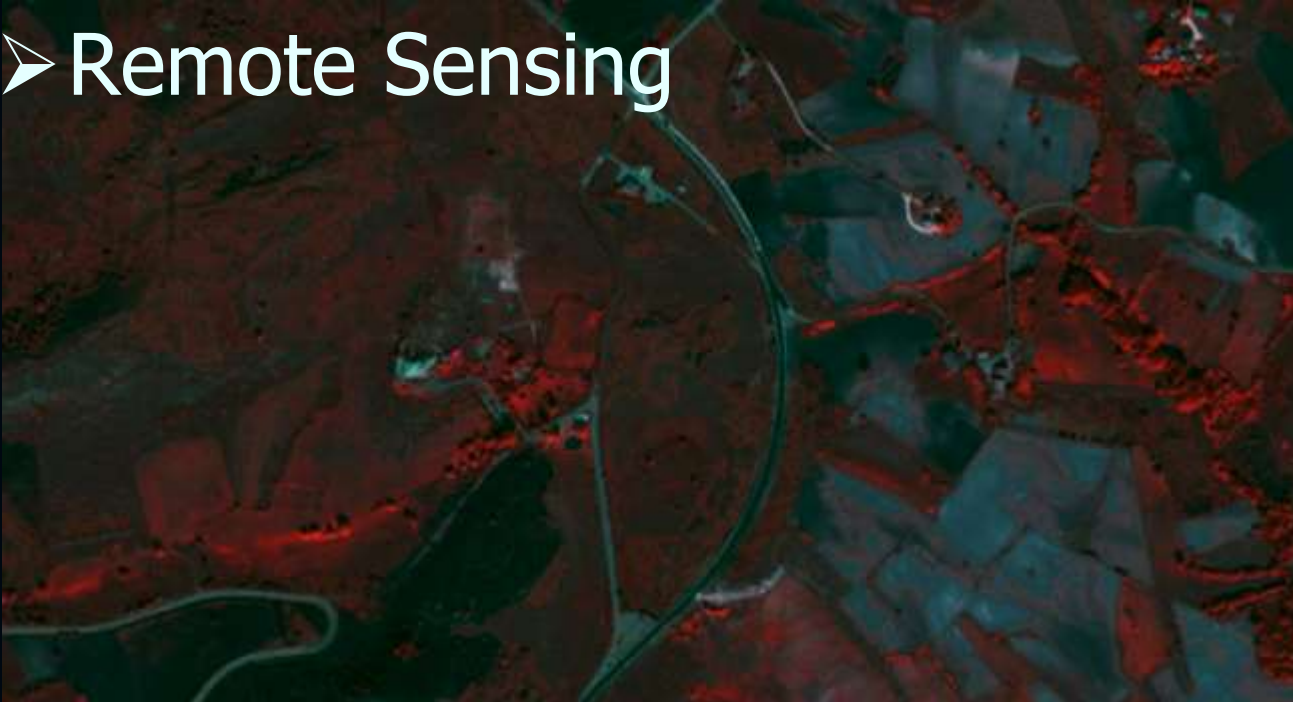
➤ Underwater survey



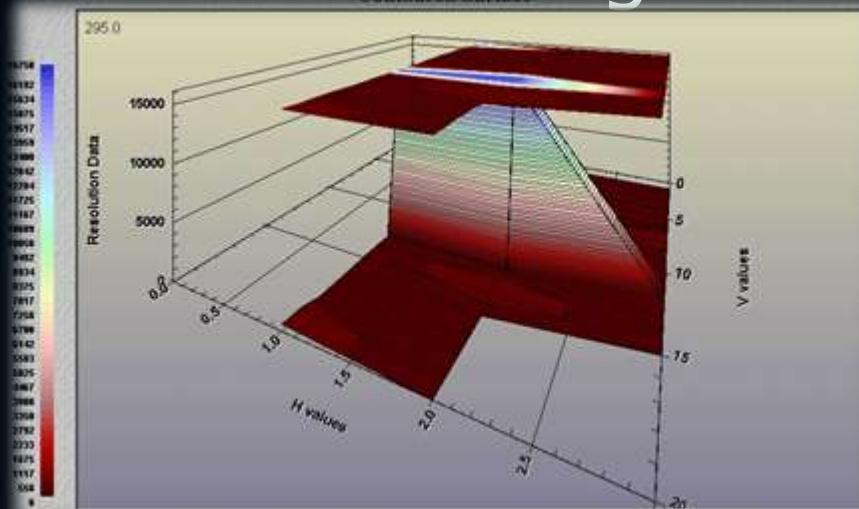




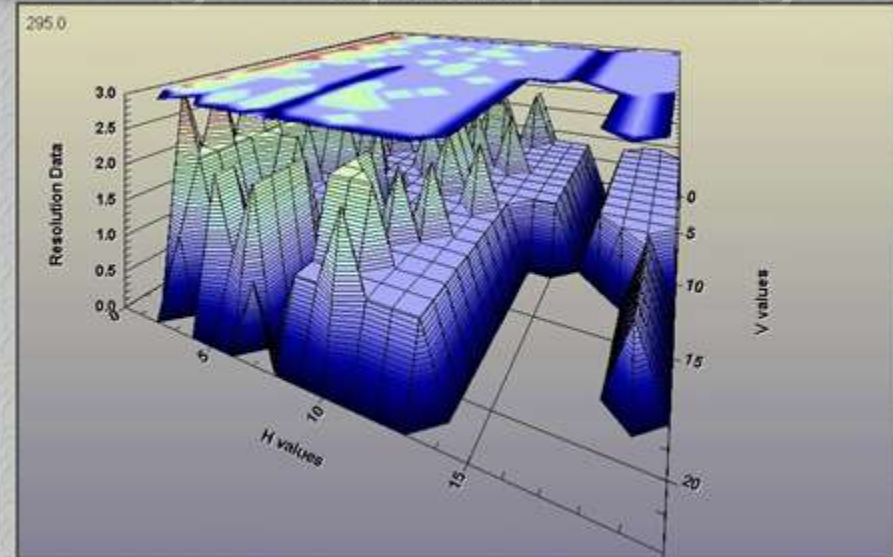
➤ Remote Sensing



➤ Non invasive geo-archaeological prospecting

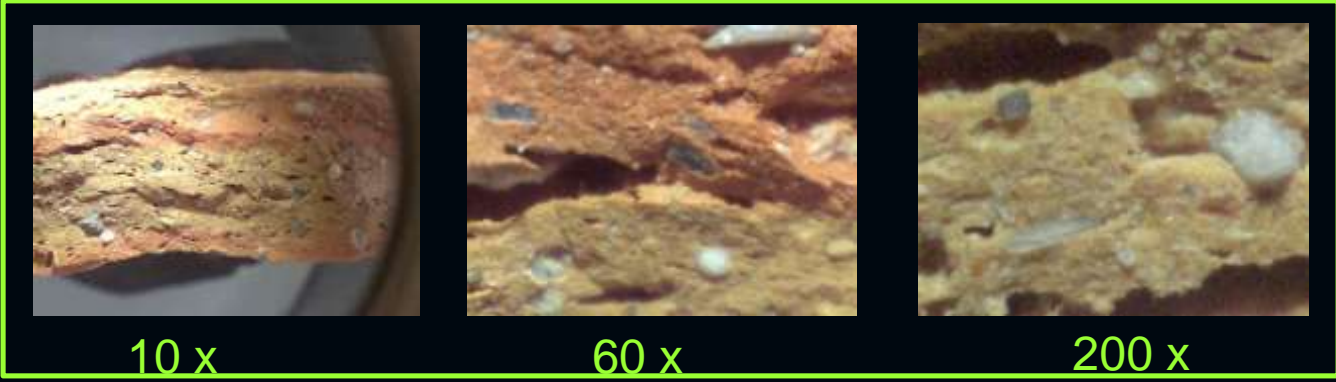


Results of the geo-electrical imaging.

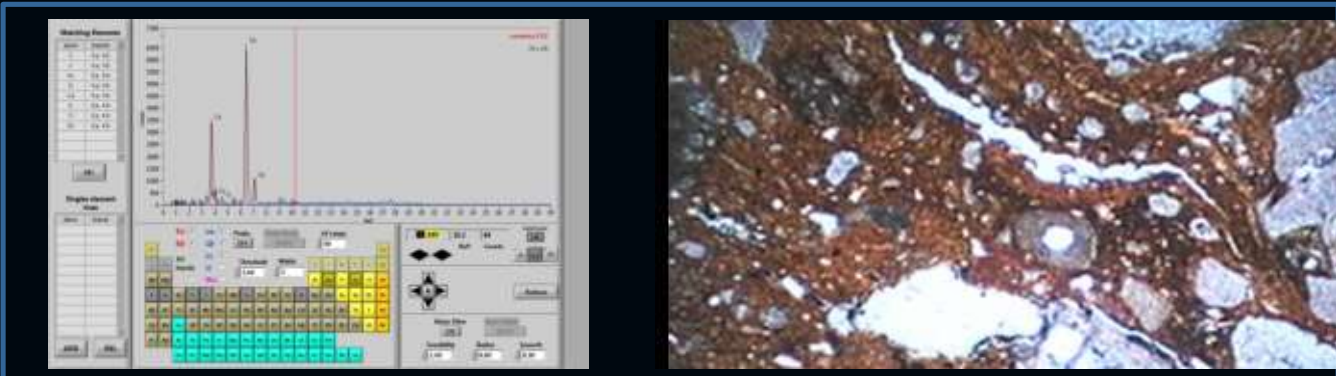


3D and 2D result of the Magnetometry.

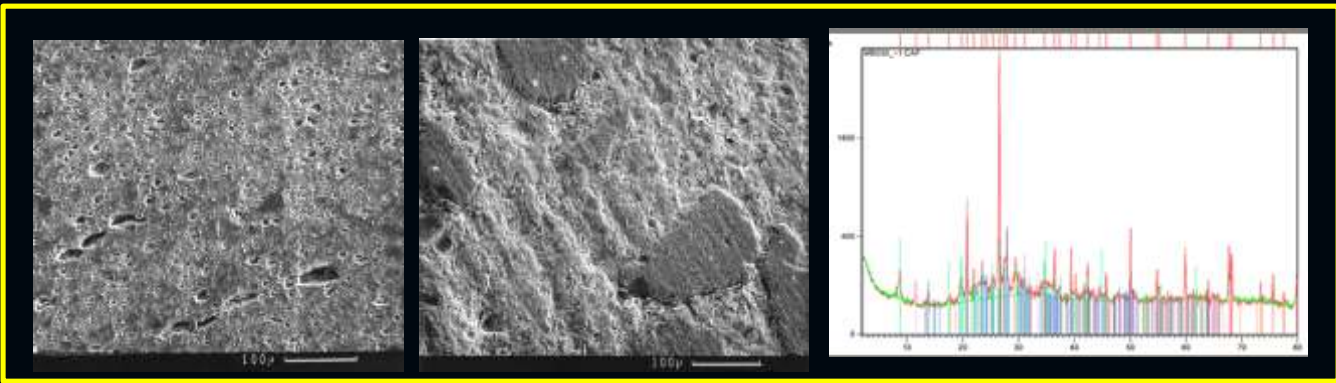
➤ Archaeometric protocols



I STEP:
Preliminary *in situ*
microscope
scanning



II STEP:
EDX & TSA



III STEP:
SEM
or other analysis





Neferhotep Complex EXCAVATIONS 2013-2020



Università "G. d'Annunzio" Chieti-Pescara



CAAM
Centro di Ateneo
di Archeometria
e Microanalisi



NEFERHOTEP COMPLEX PROJECT

PARTNERS

- **EGITTOLOGI** - Universidad de Buenos Aires (Argentina) e Museo Archeologico di Rio (Brazil)
- **ARCHEOLOGI** - Università G.d'Annunzio di Chieti
- **ANTROPOLOGI**- Università G.d'Annunzio di Chieti
- **RESTAURATORI** - PROCON di Koln (Germania)



**LA VALLLE
DELLE REGINE**

**VILLAGGIO
DI DAHER
EL MEDINA**

**LA COLLINA DI
EL QURNA**

**LA COLLINA
DI KOCHA**

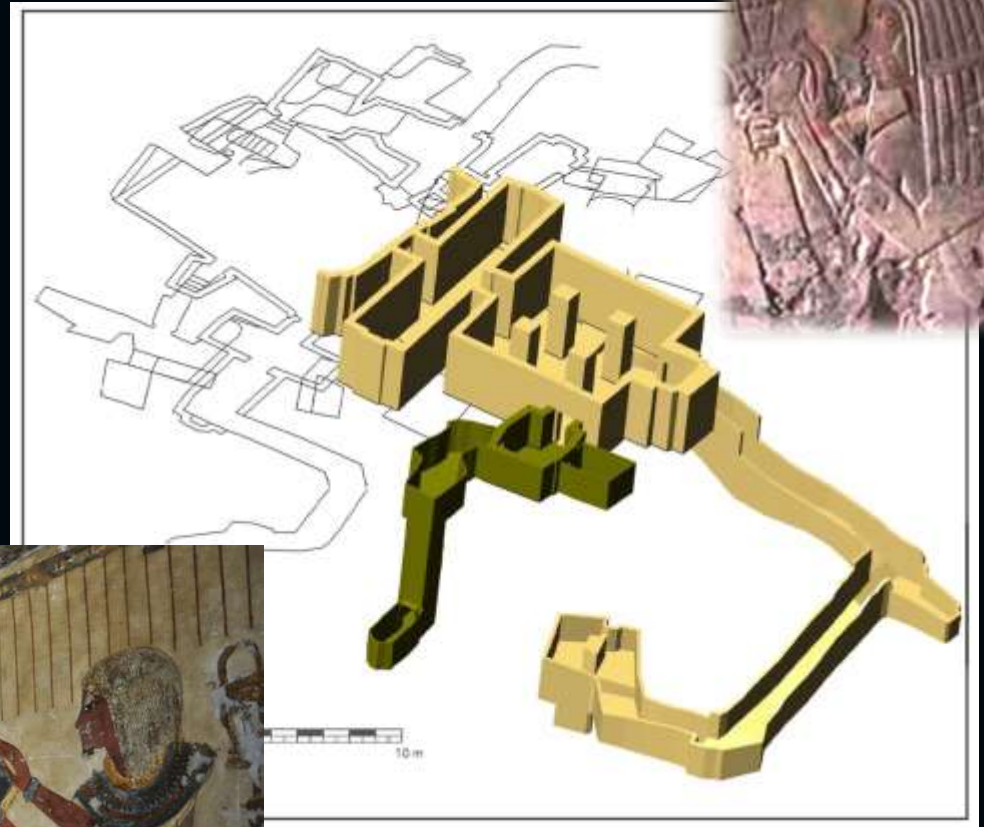
**IL TEMPIO DI
HATSCEPSUT**

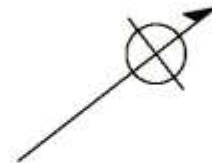
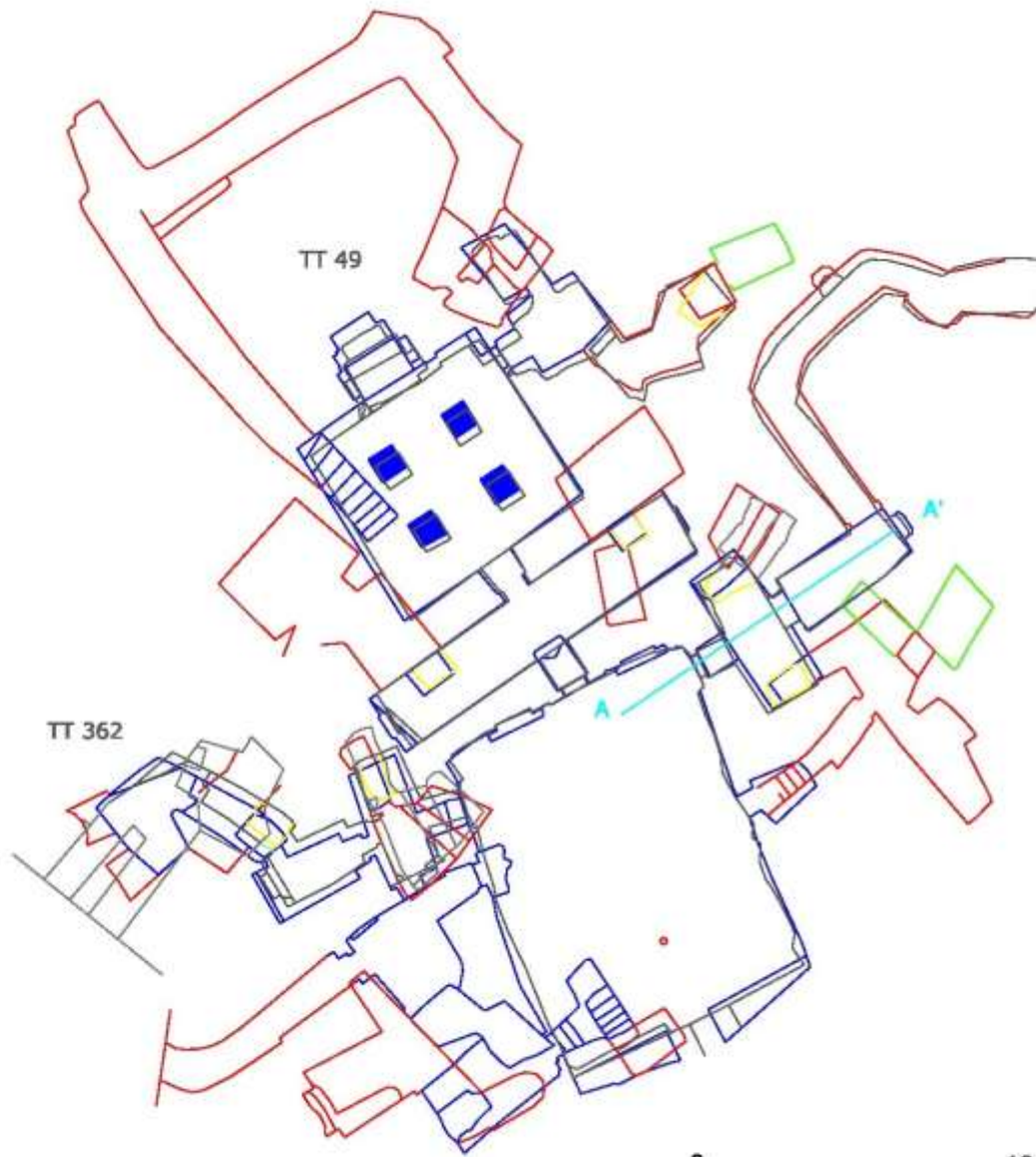
**IL PERCORSO DEGLI
ARTIGIANI E
SCALPELLINI**

**LA VALLLE
DEI RE**



49 - LA TOMBA DI NEFERHOTEP

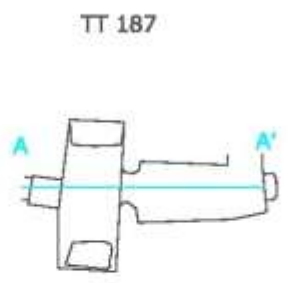




Neferhotep
 TT_49
 TT_187
 TT_362

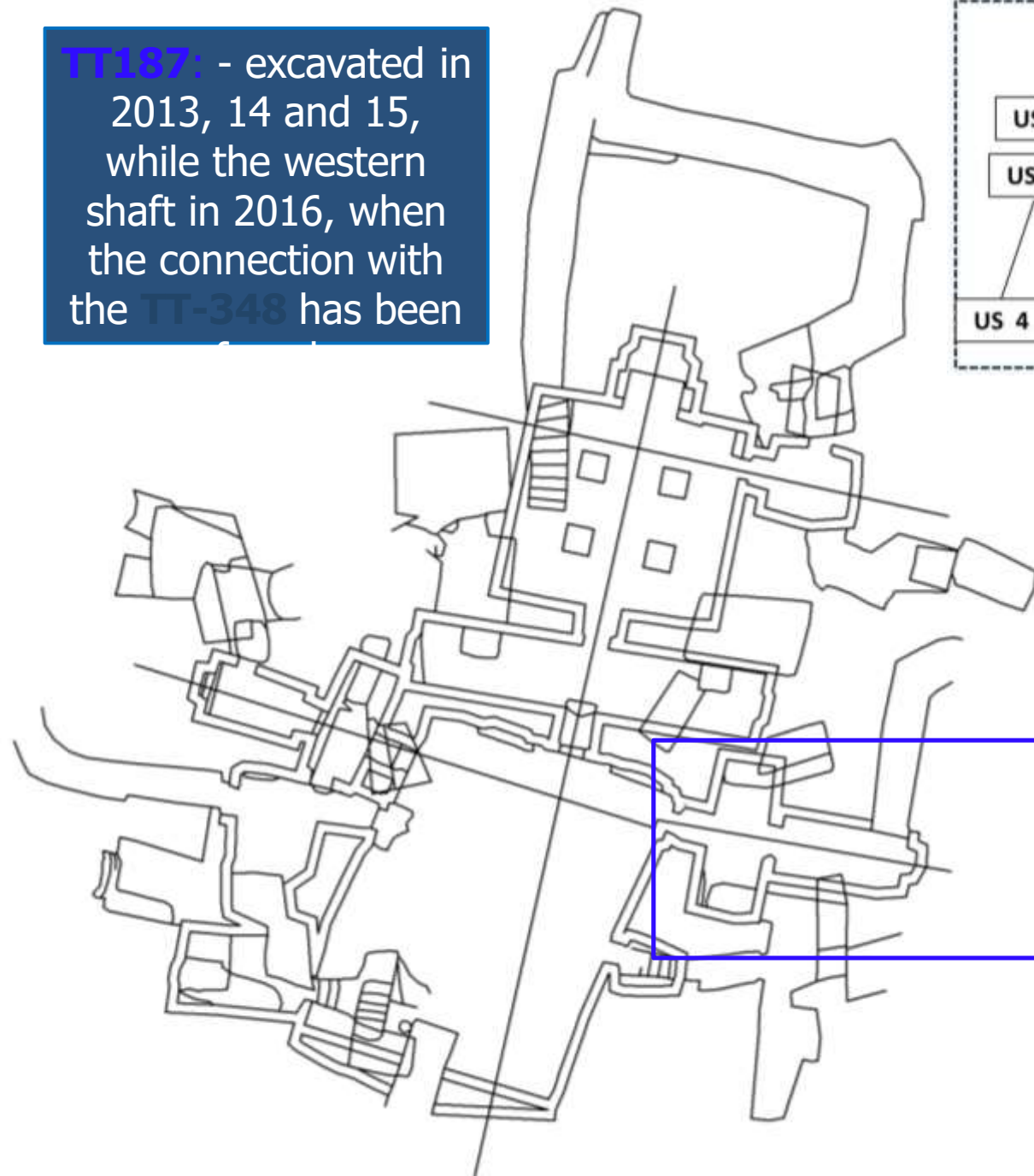
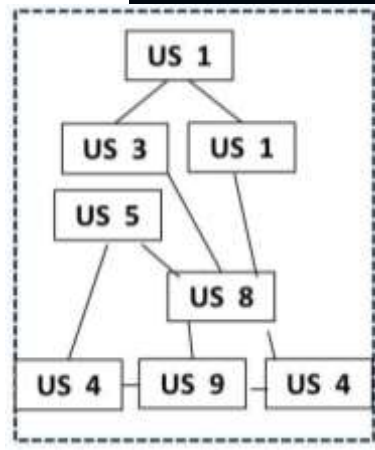
LEGENDA:

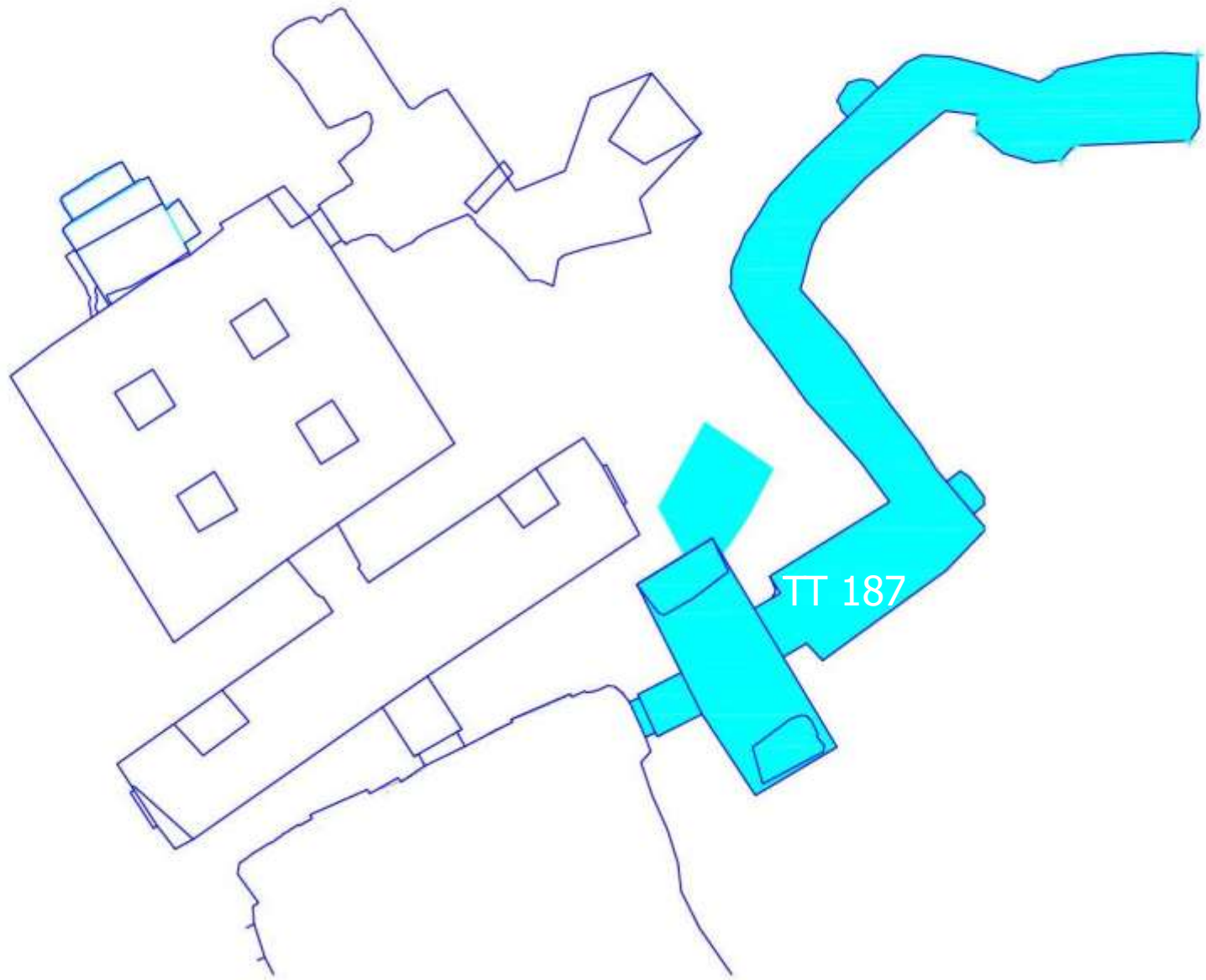
- DAVID LVL 1
- DAVID LVL 2
- DAVID LVL 3
- RELIEF NICHES 2013-15
- RELIEF NICHES 2013-15 LVL 3
- FUNERARY SHAFTS
- LINE OF SECTION
- SECTION AT THE BOTTOM OF SEARCH SHAFT
- SECTION AT THE END OF SEARCH SHAFT



0 10 m

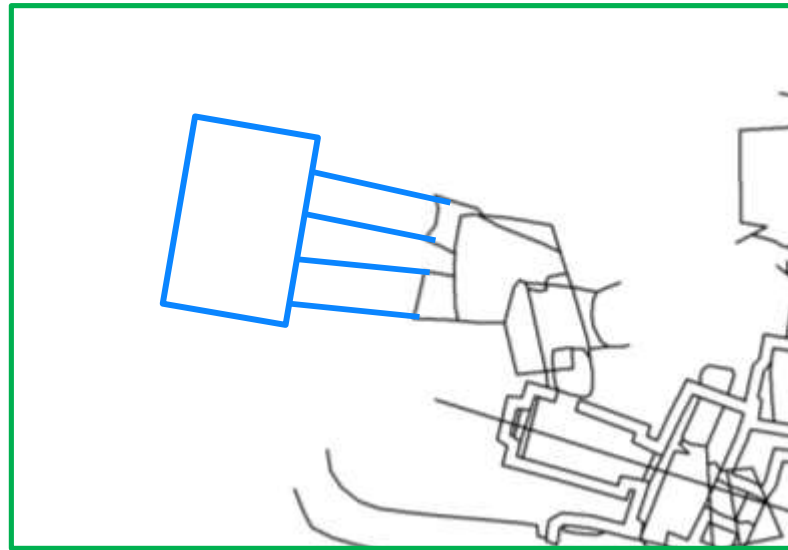
TT187: - excavated in 2013, 14 and 15, while the western shaft in 2016, when the connection with the **TT-348** has been





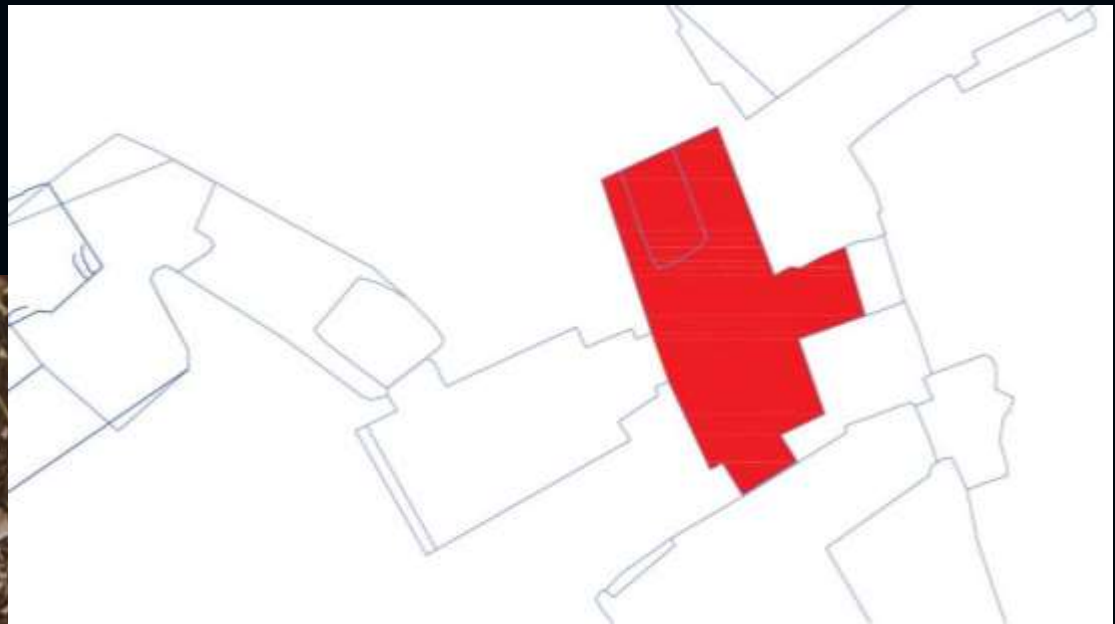
TT 187

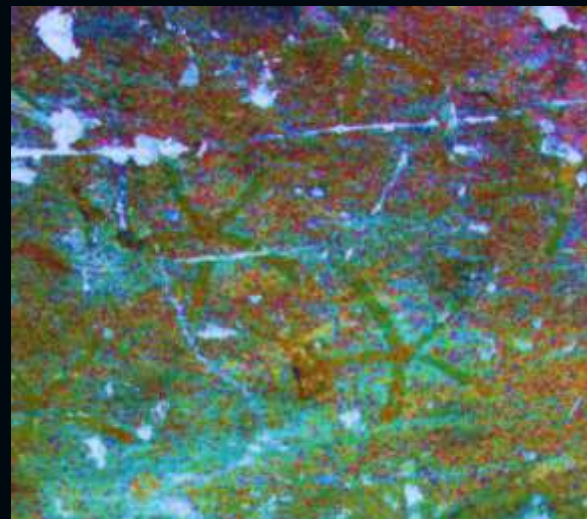
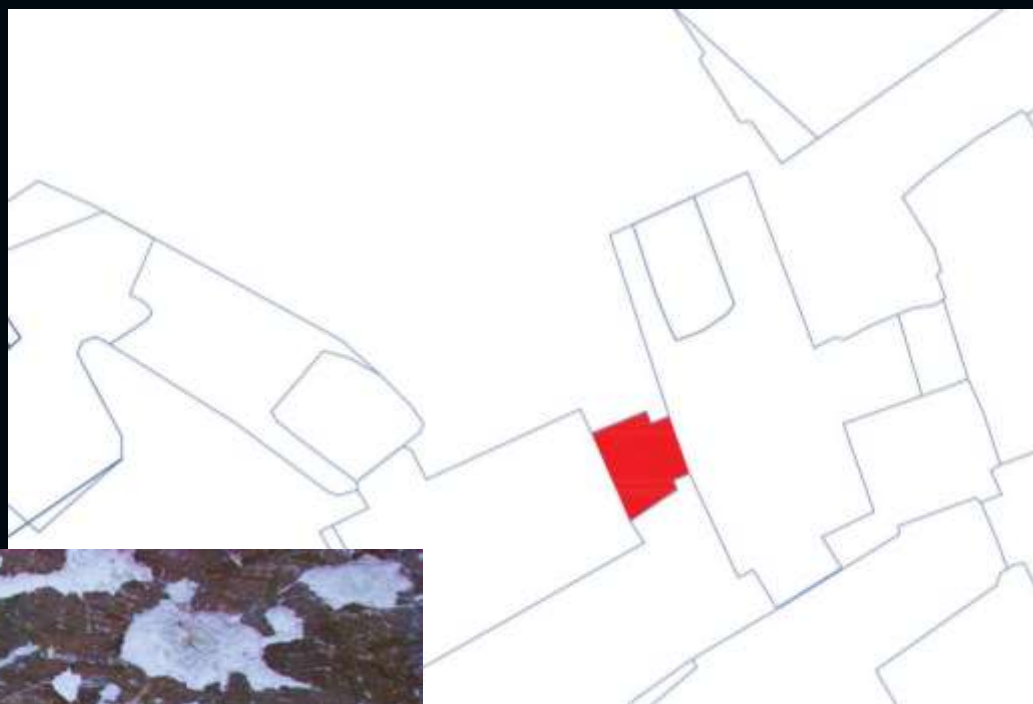
TT362: the excavation started in 2014 and has been finished in the season 2016.

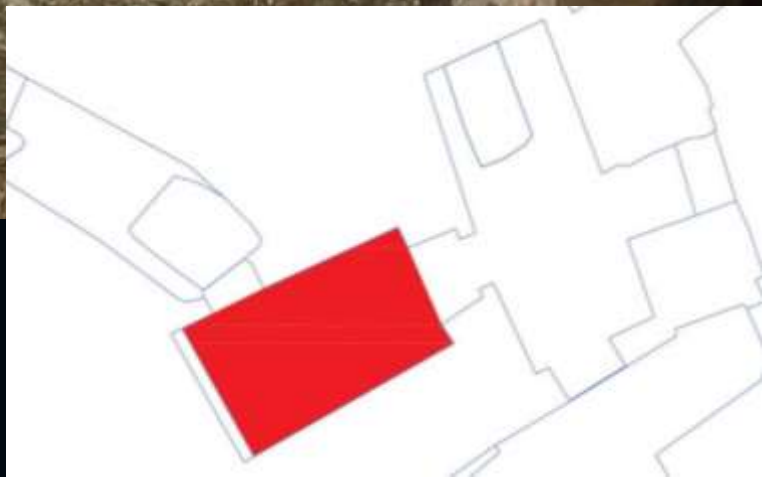


New unmapped tomb, provisionally named 362 bis: excavation started in 2015

TT 362



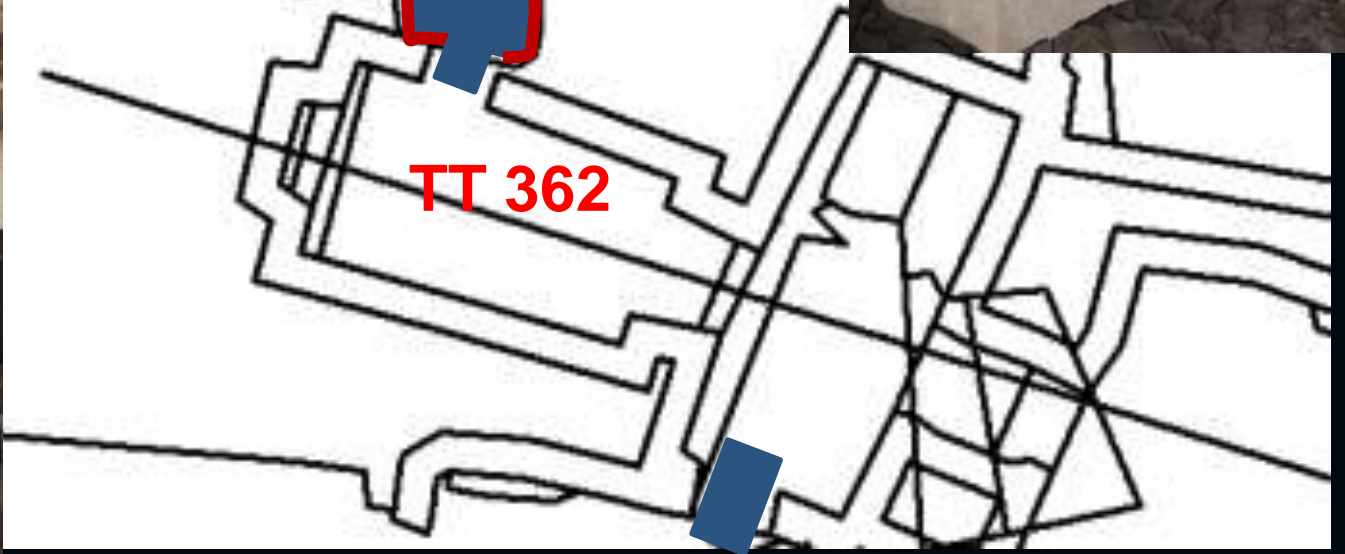
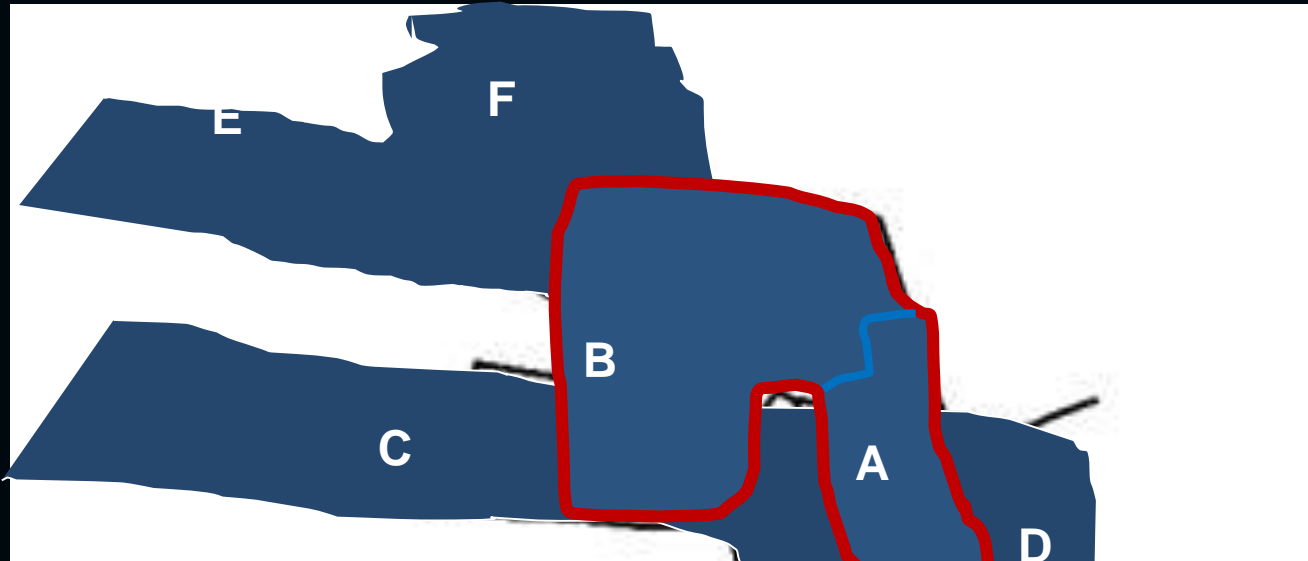




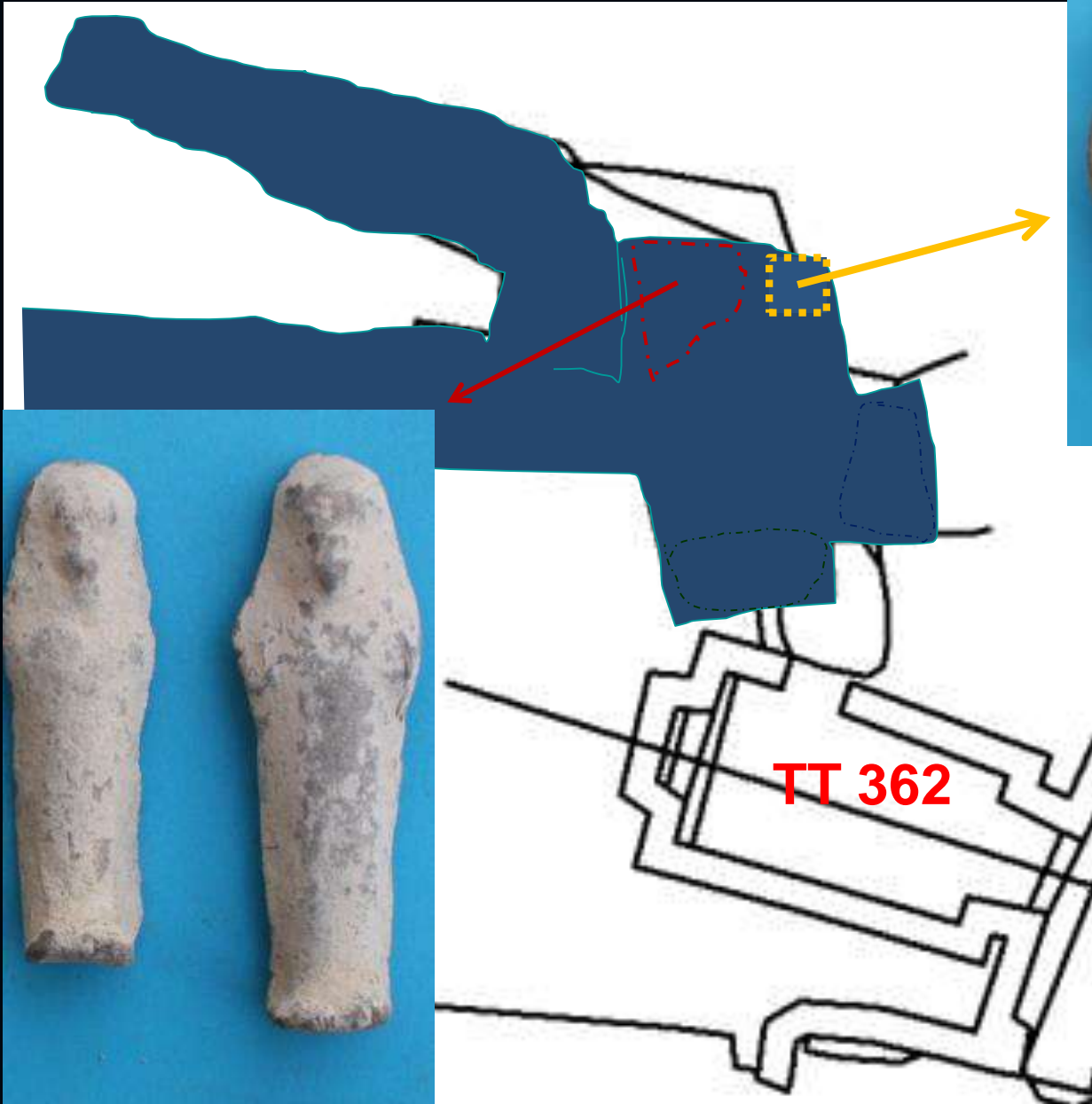


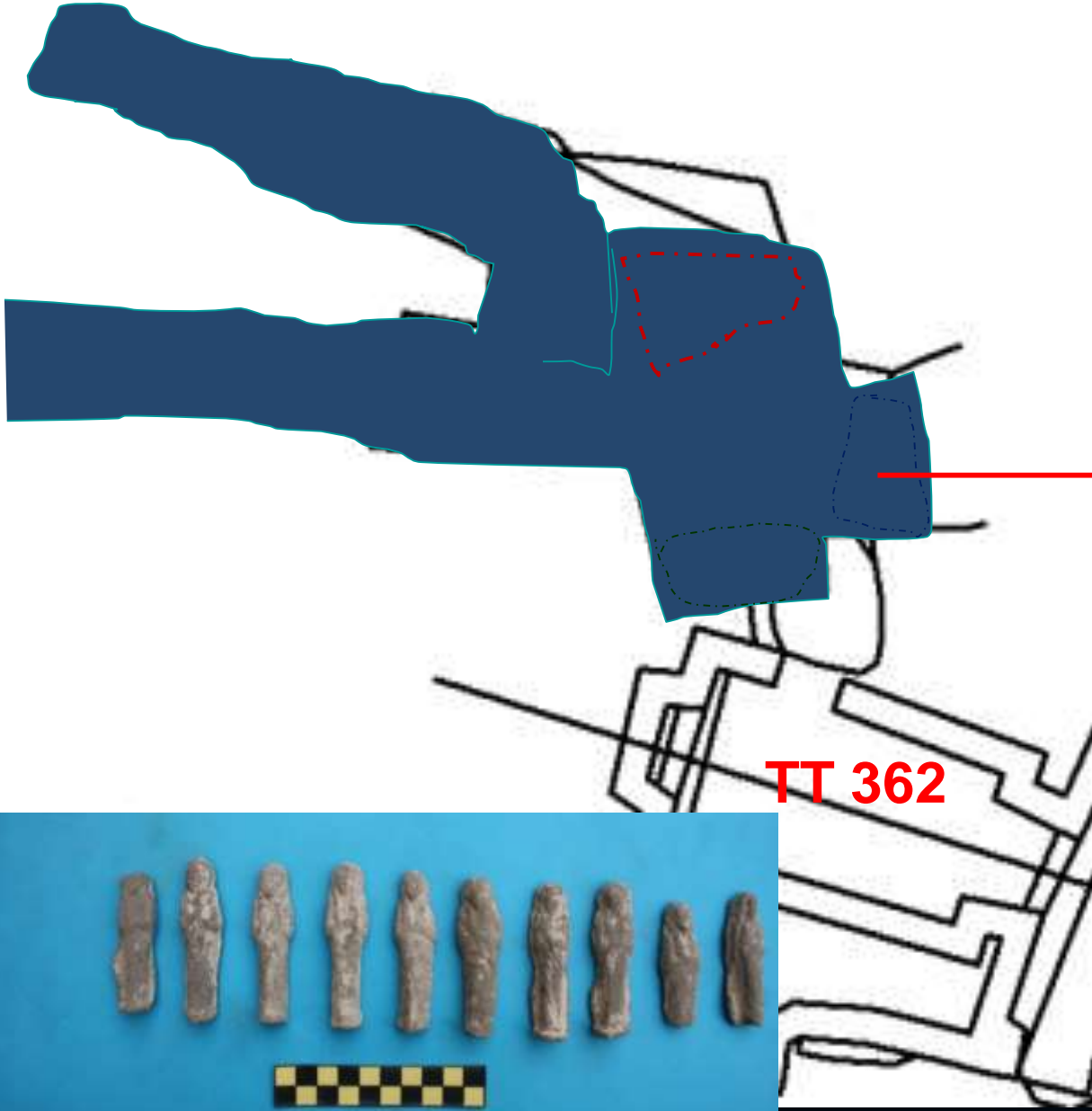






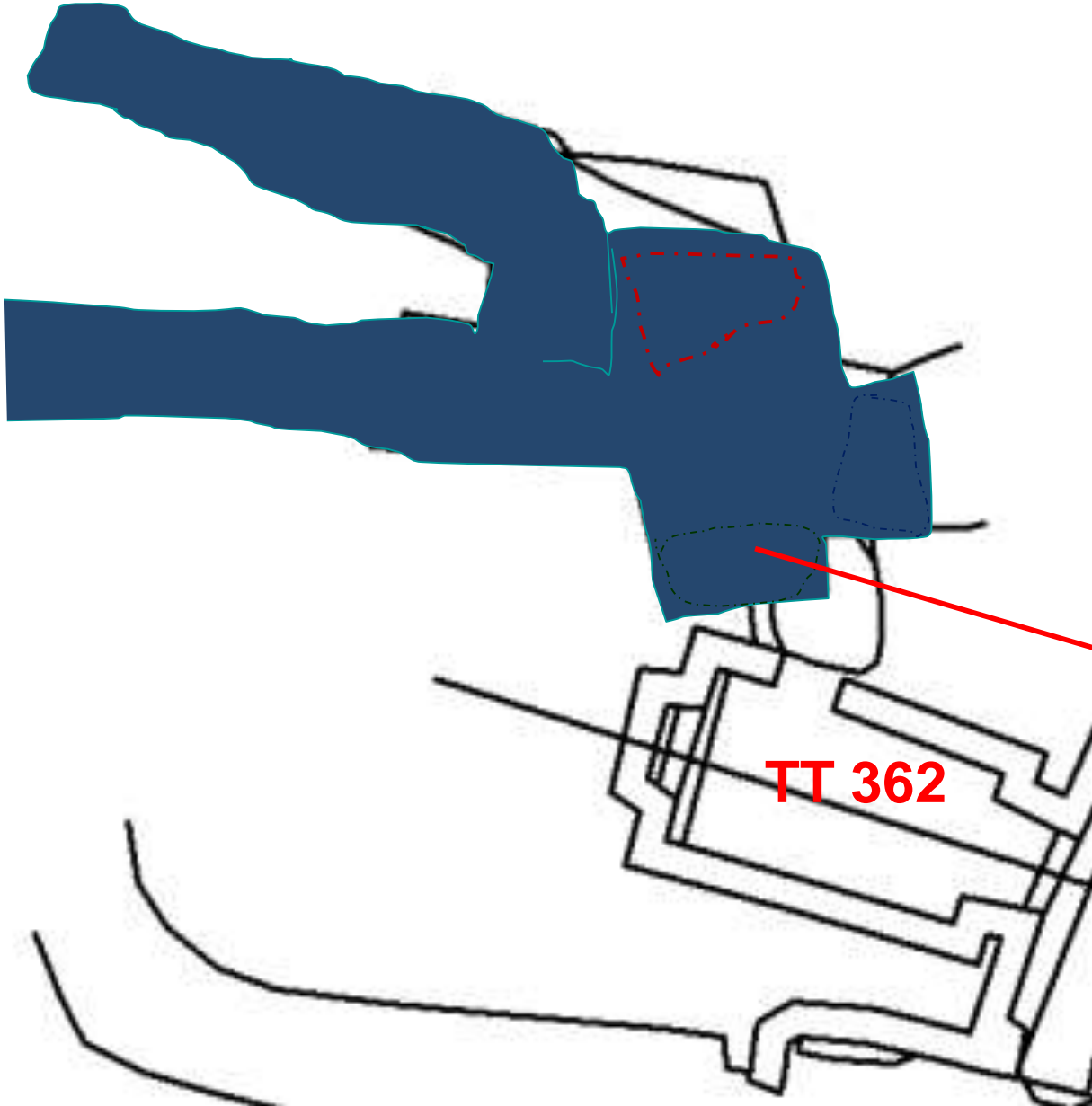






TT 362

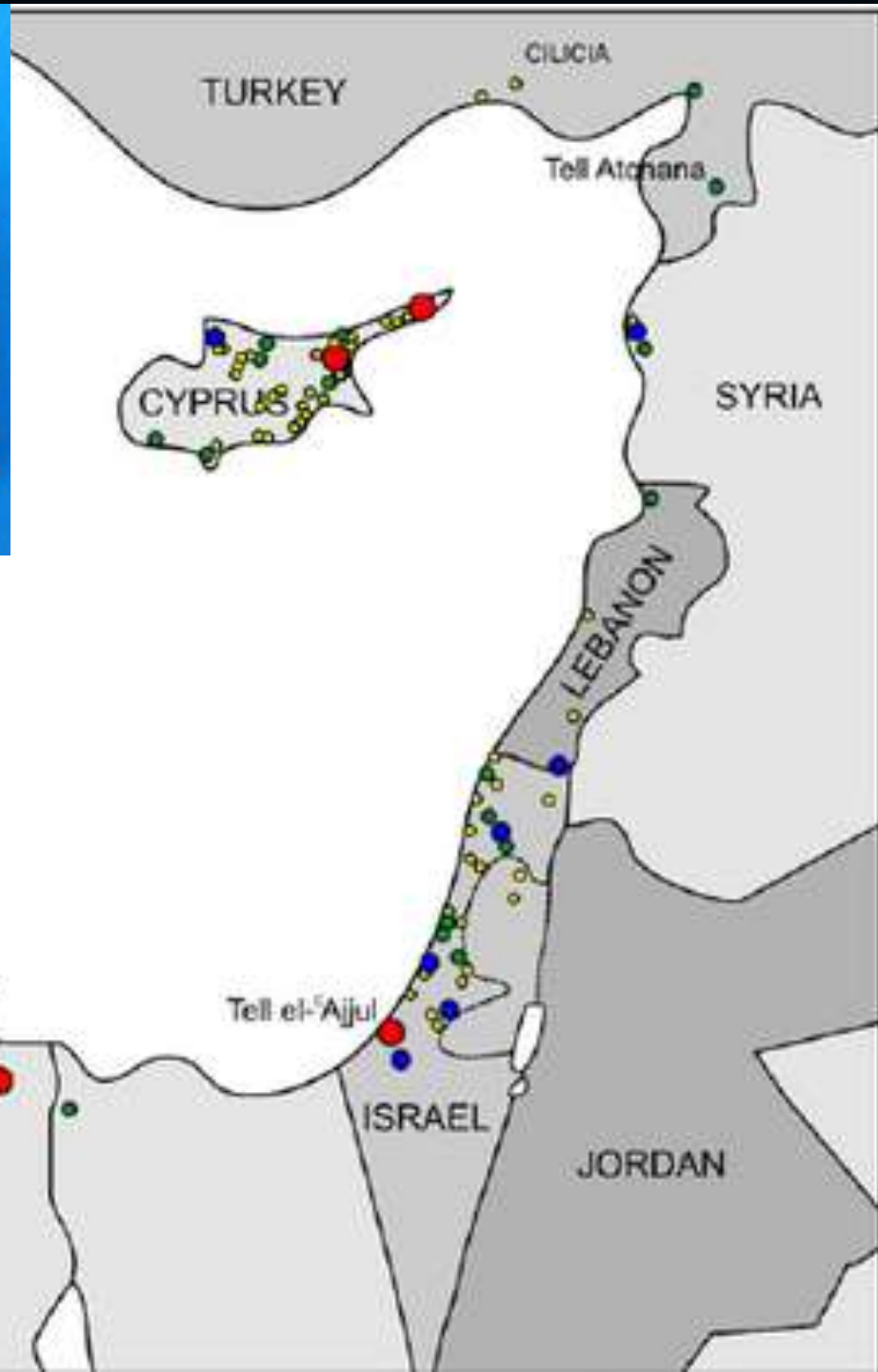




TT 362





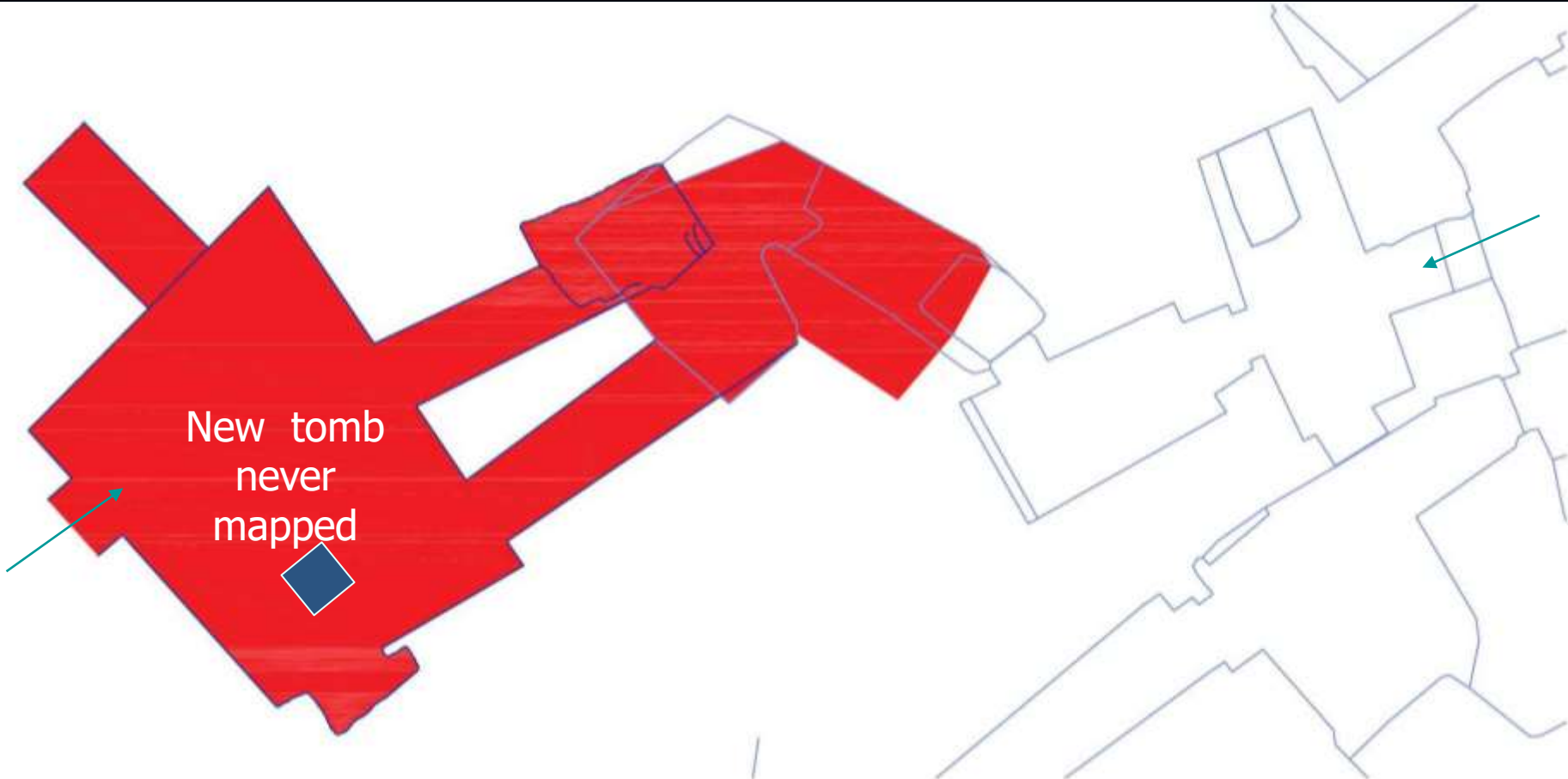


- > 100
 - 21-100
 - 6-20
 - < 5
- pieces of Bichrome or related ware



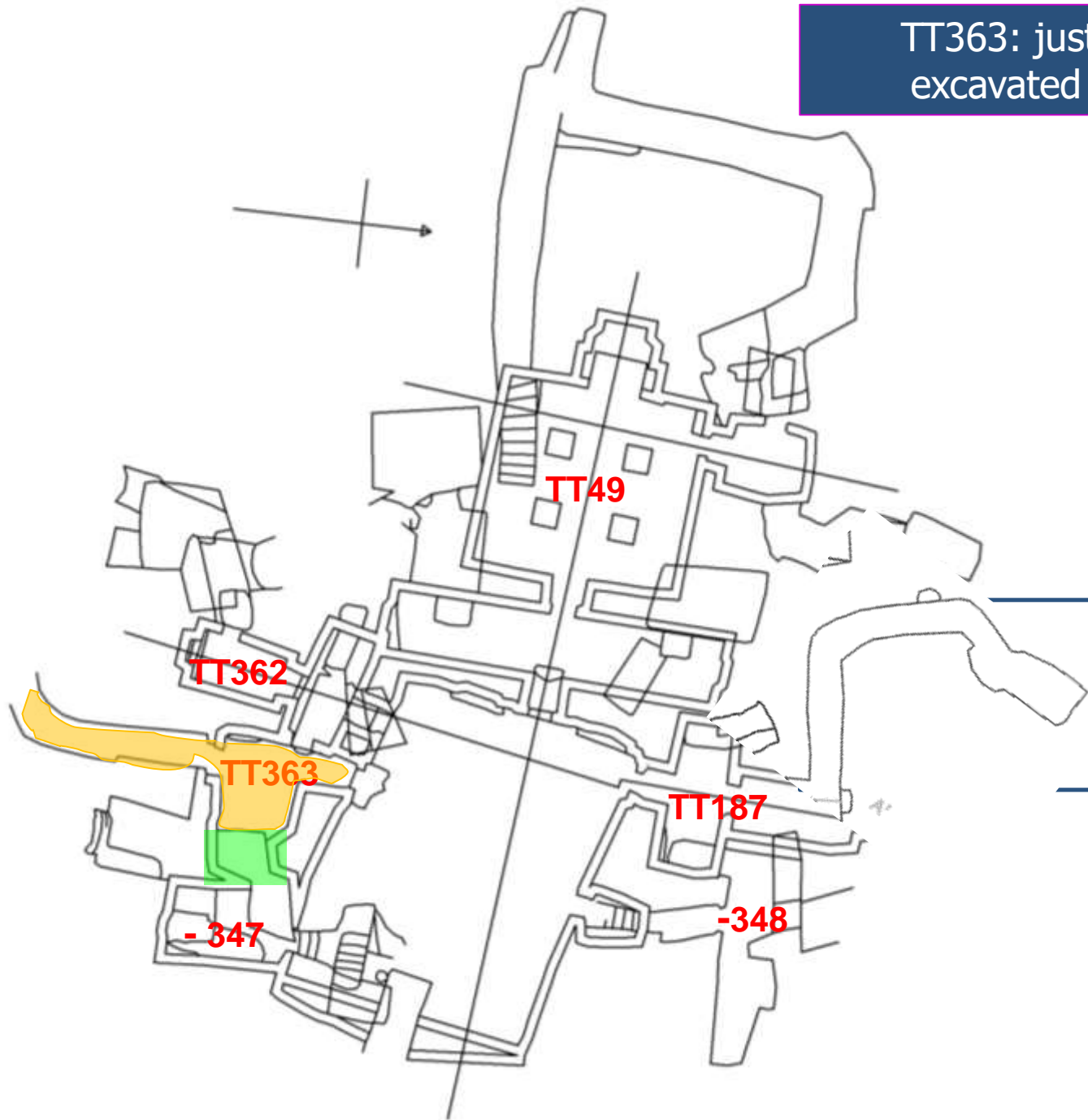


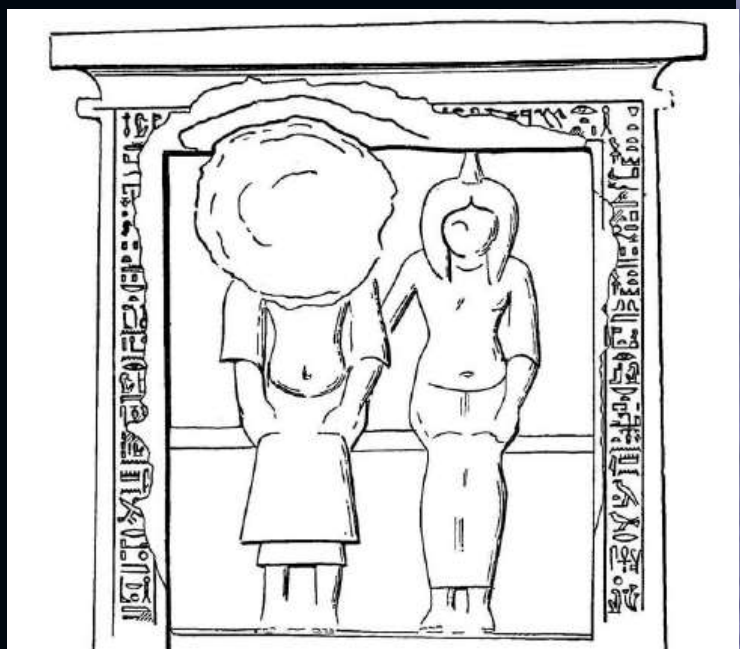




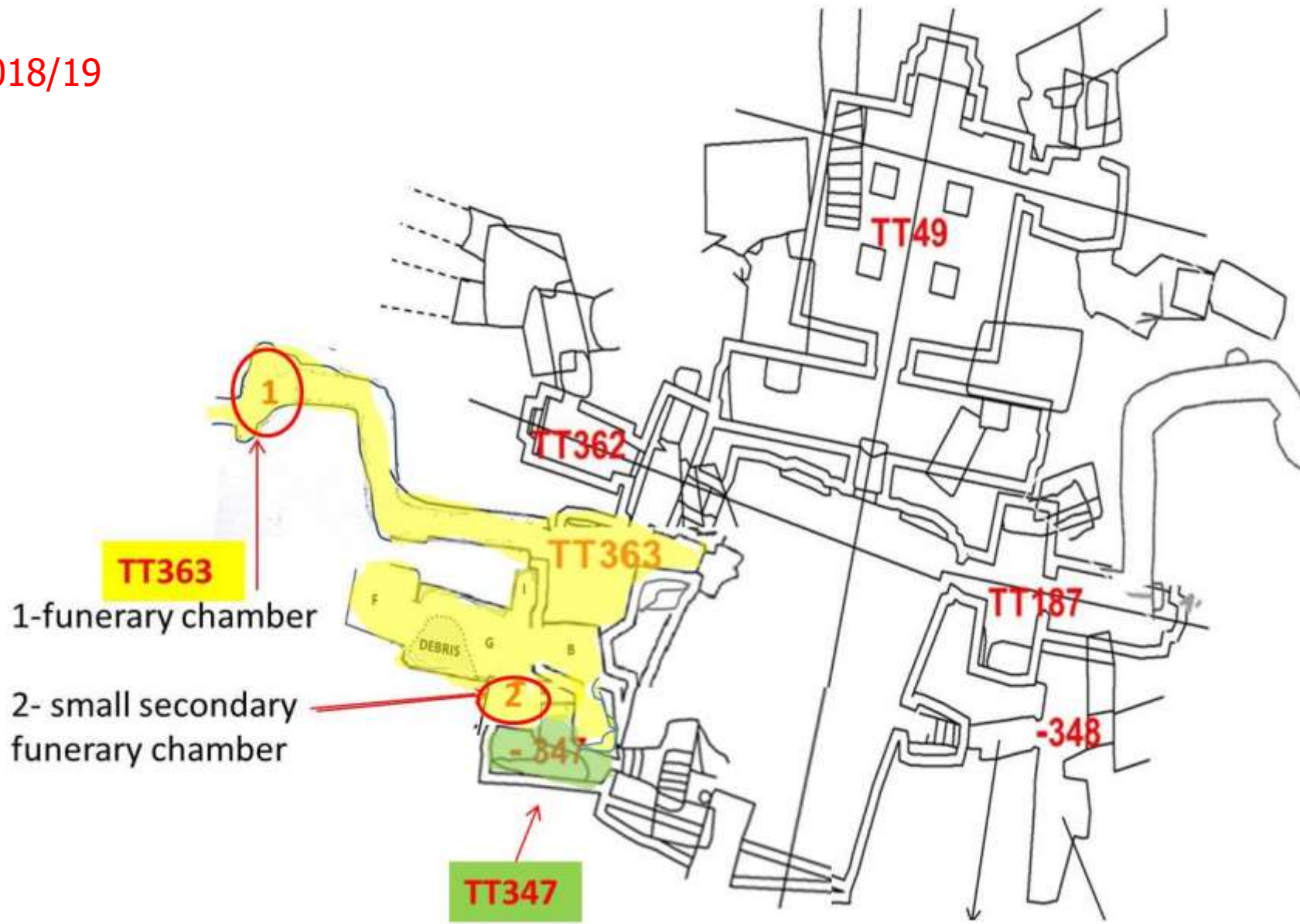
New tomb
never
mapped

TT363: just partially
excavated in 2016





2018/19

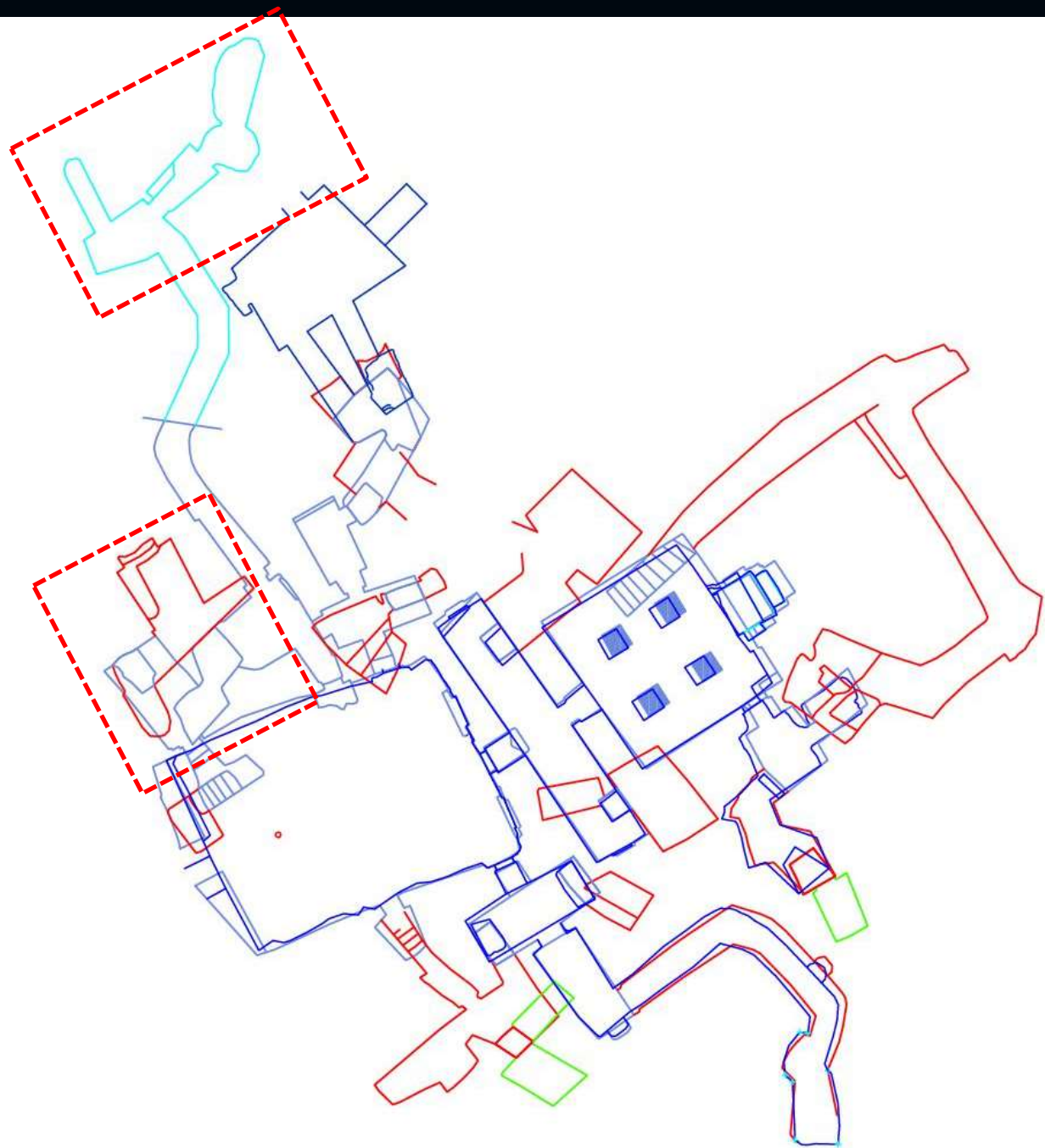


TT363

1-funerary chamber

2- small secondary
funerary chamber

TT347











THANKS!



الهيئة العامة للثقافة والمجتمع المدني
مصطلح الآثار
The Ministry of Culture & Civil Society
Department of Archaeology



الحكومة الليبية المؤقتة

مصطلح الآثار

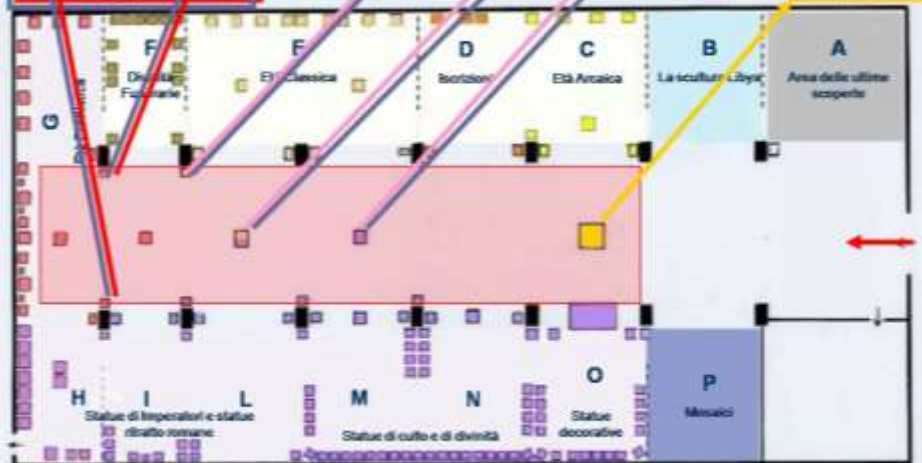


Archaeological Mission in Libya

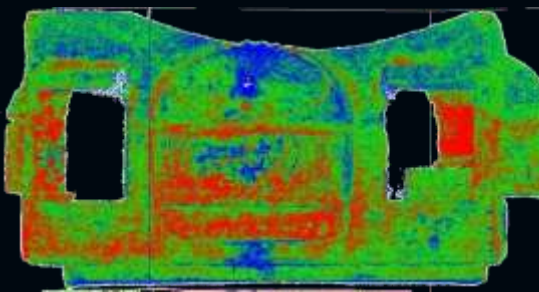
Oliva Menozzi, Abdelrehim S. Shariff,
S. Farag Abdel Hati, Eugenio Di Valerio, Maria Giorgia Di Antonio

CIRENE MUSEO:

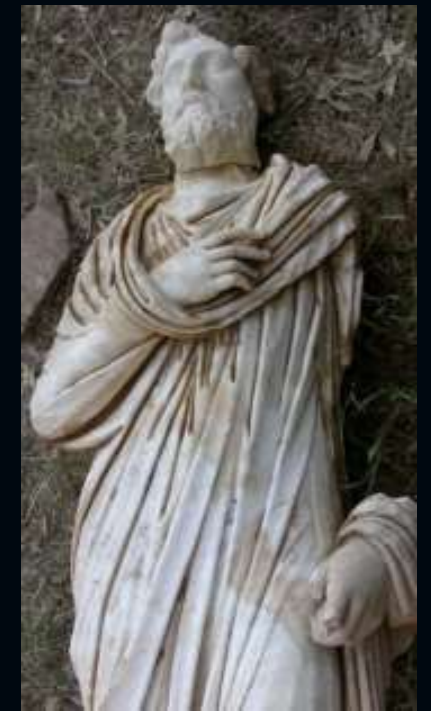
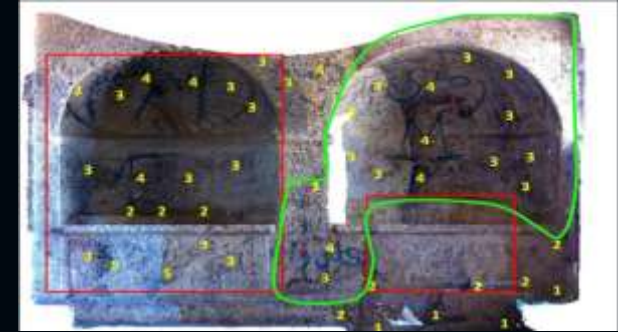
- CATALOGO
- RESTAURI
- ANALISI
- MUSEALIZZAZIONE



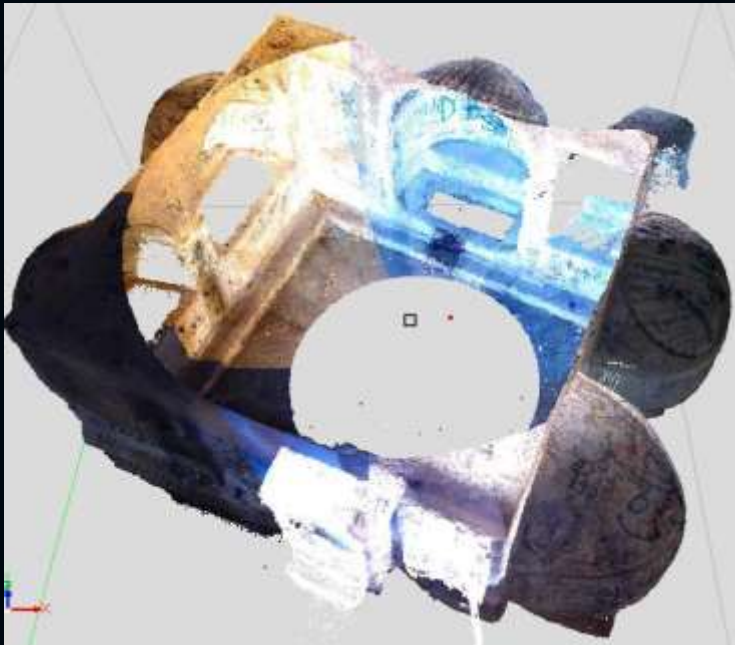
CIRENE NECROPOLI E SANTUARI:



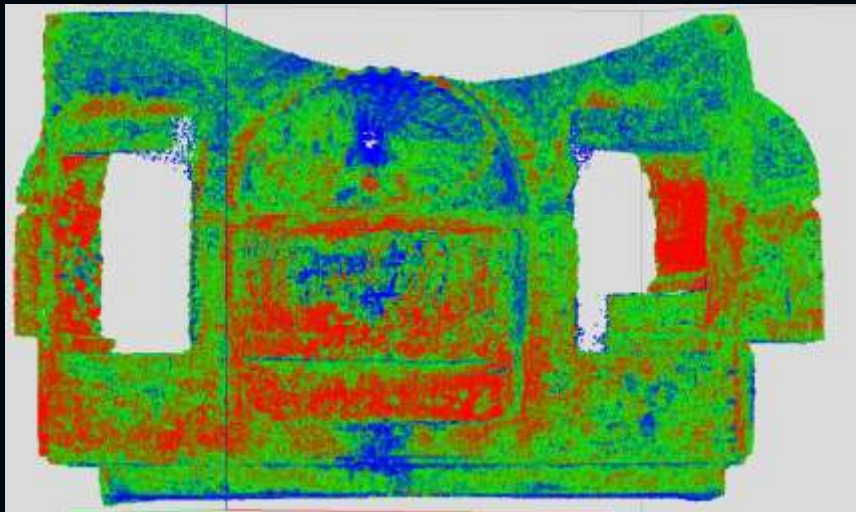
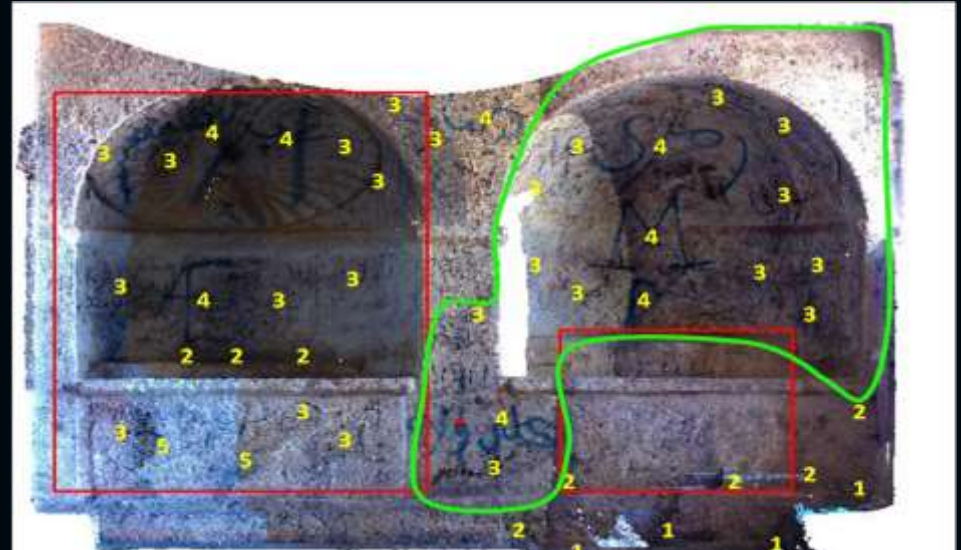
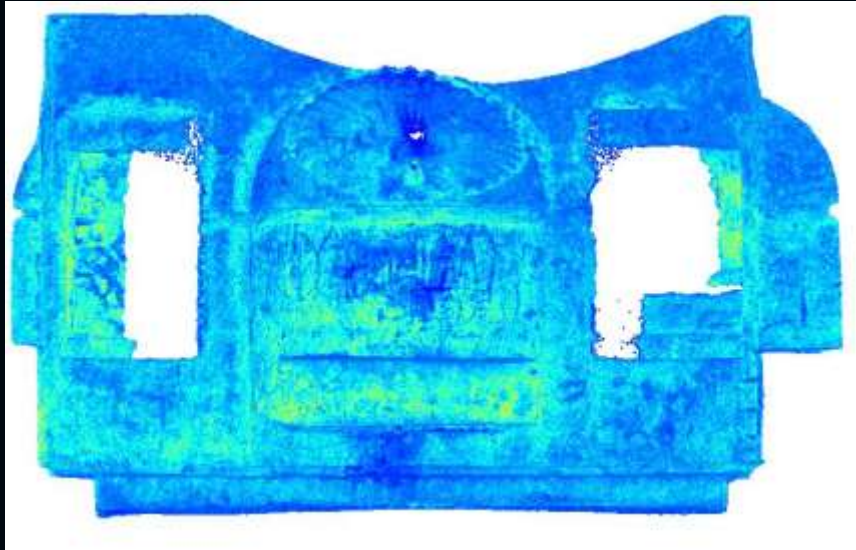
- DIAGNOSTICA
- MAPPATURA
- SCAVI
- RESTAURI
- MODELLI 3D
- SCANSIONE LASER



TRIDIMENSIONAL LASER SCANNING OF THE MAIN MONUMENTS

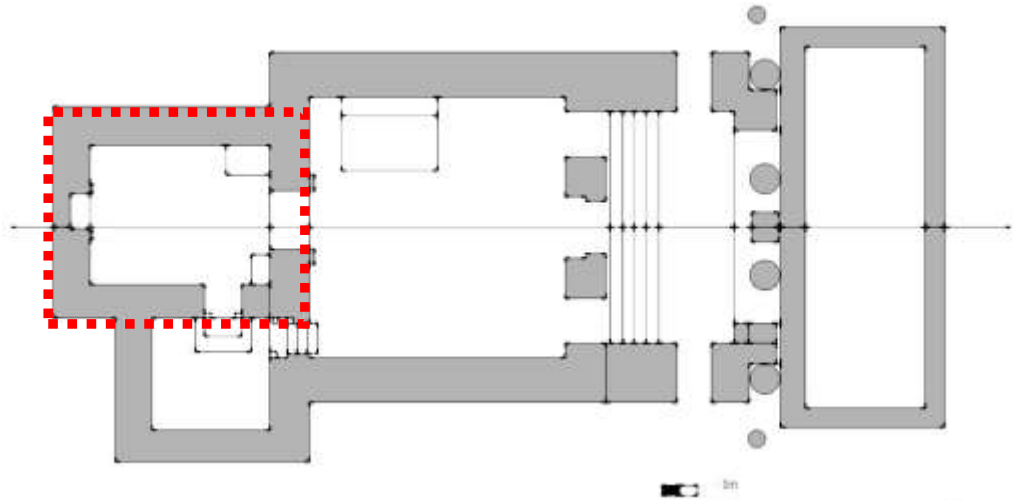


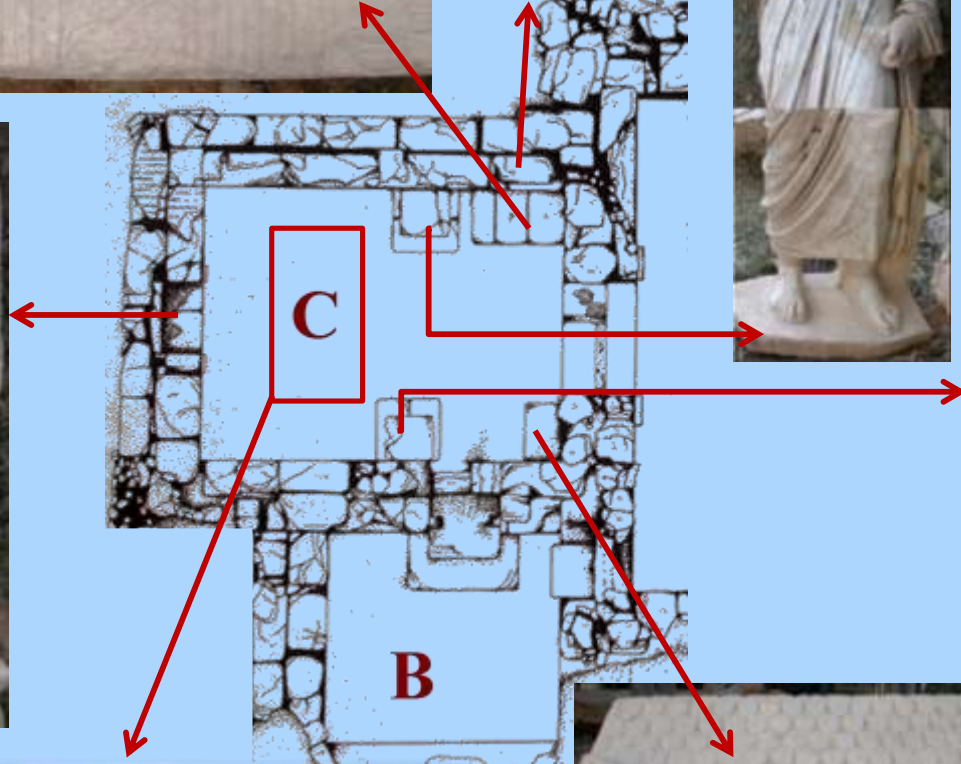
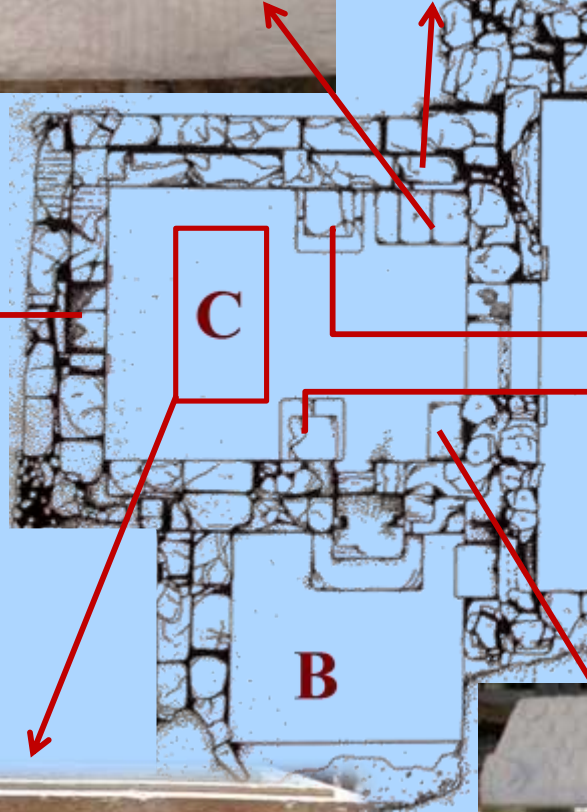
MAPPING OF THE DAMAGES USING BOTH TRADITIONAL APPROACHES AND INFRA-RED ANALYSIS

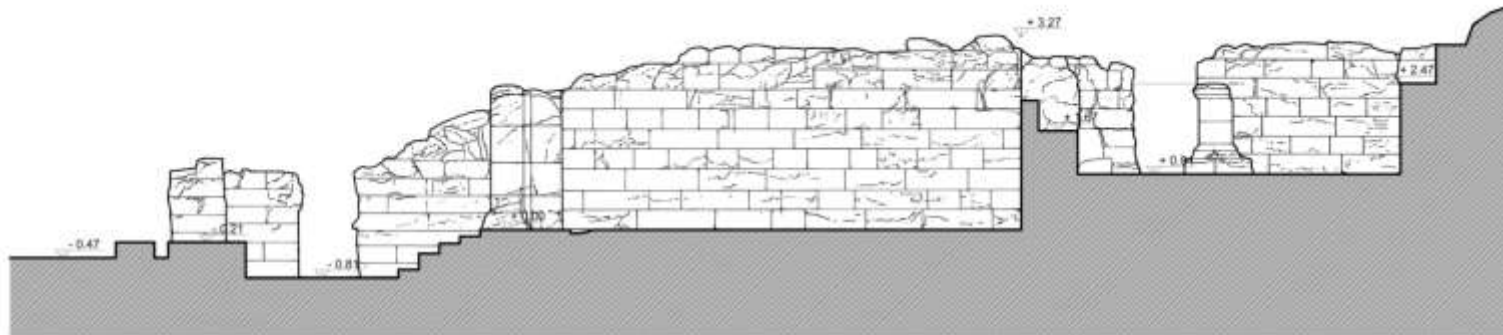
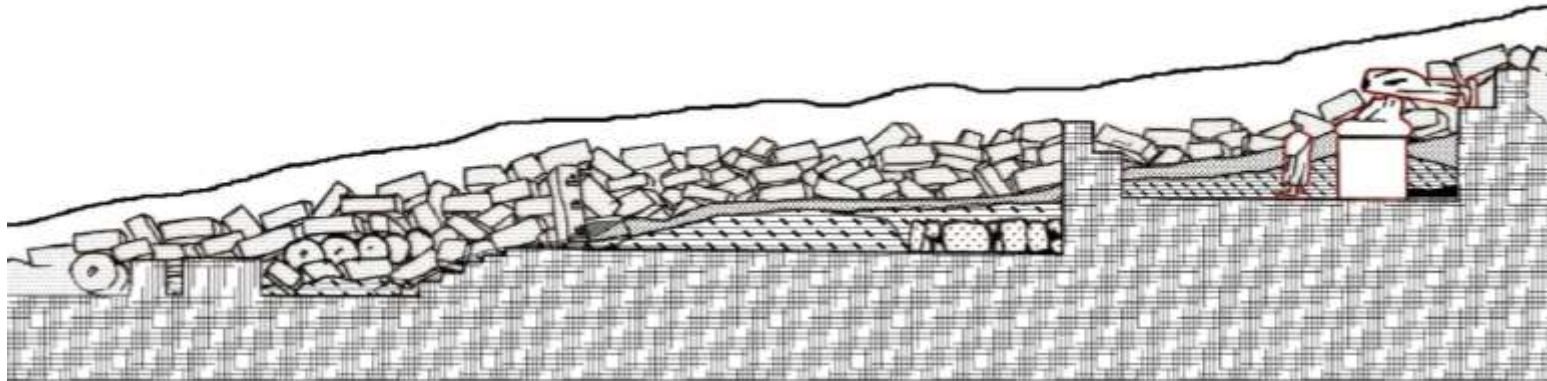


Tomb C

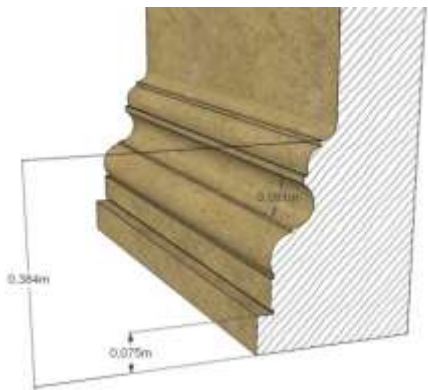
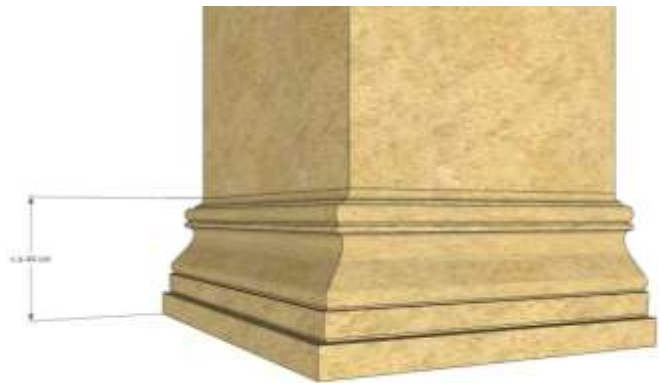
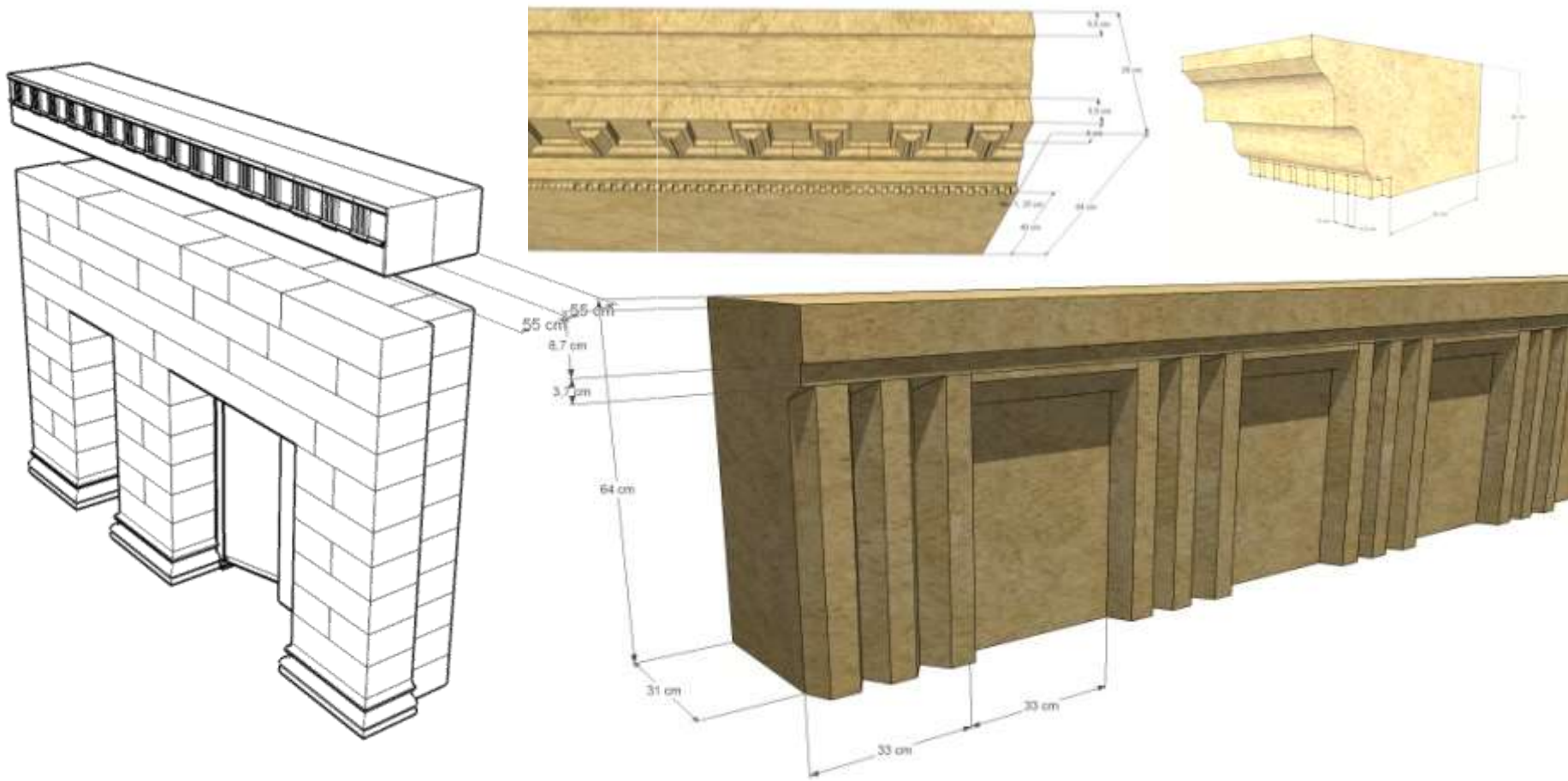




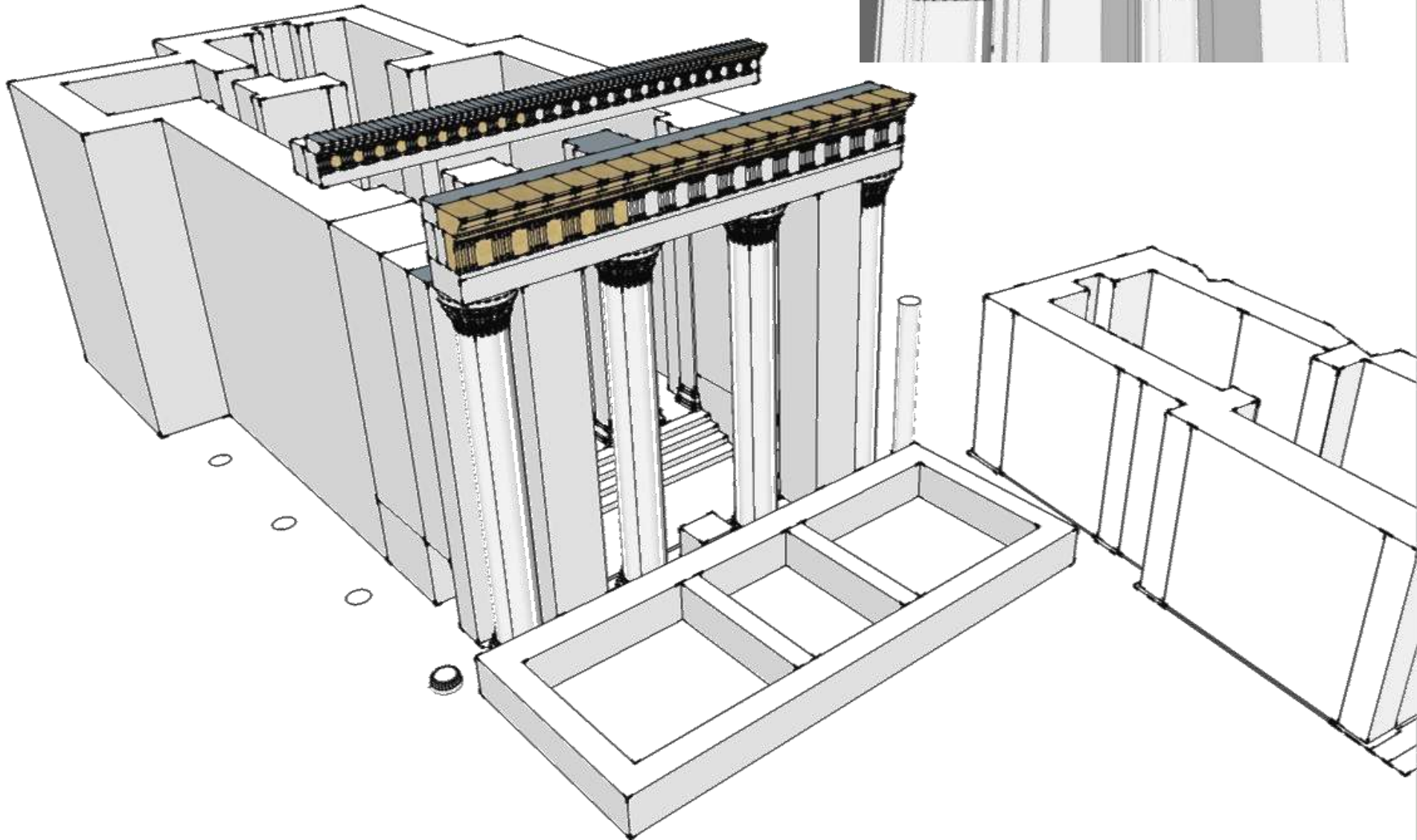
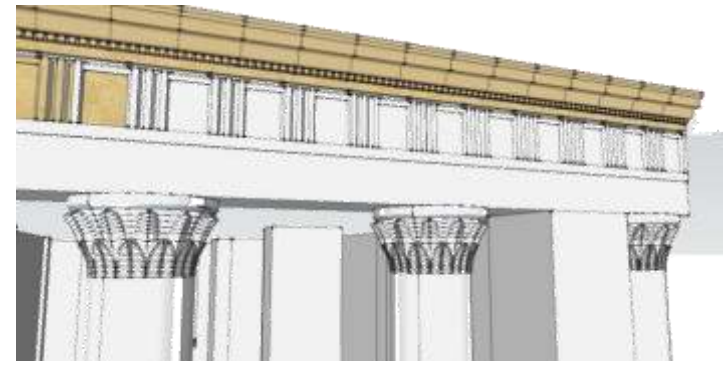




Section A-A'









Views of the project of Musealization of the Tomb C



TERRITORY

- LANDSCAPE ANALYSIS
- GIS
- MONITORAGGIO
- REMOTE SENSING
- PROSPEZIONI GEOFISICHE



Two main issues

- **MONITORING**
 - the monuments - through diagnostic analysis and regular documentation
 - the territory- through survey and remote sensing
- **TRAINING**
 - with short GIS courses at Cyrene
 - long term GIS courses in Italy
 - with specific practice on diagnostic methodologies and analysis
 - Restorations in situ and abroad





2013



2015



2013



2015









Small statue of Funerary Goddess from Baggara found and returned by 13-year-old Mohamed Salem Omar El Alhasi





A very special thank goes to



*all the members of our team for working hard and with passion
and in particular
to our Libyan colleagues and friends*