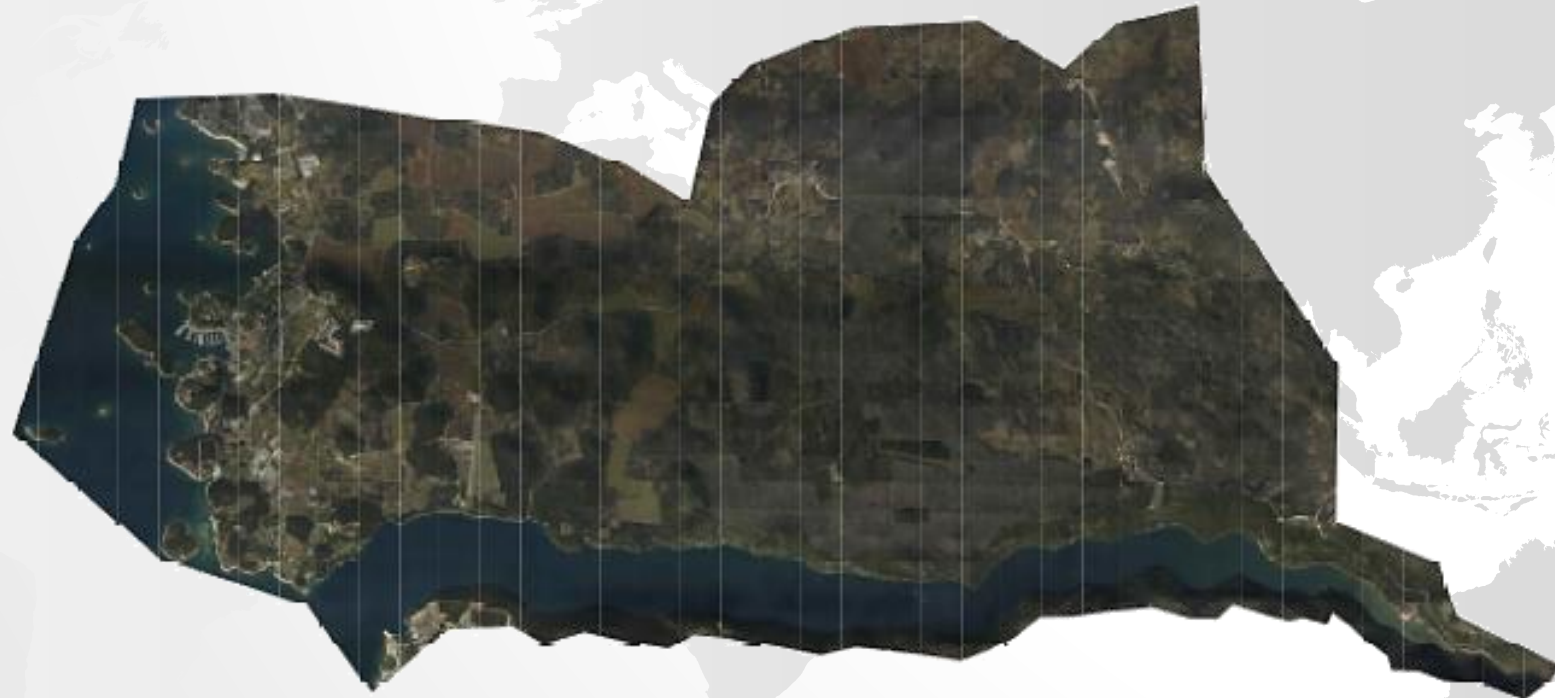


From the macro to the micro-scale approach
to studying archaeological landscapes:
the **ArchaeoCulTour** project



Tsukuba Day in Pula
18 September 2018



Faculty of Humanities



VRSAR-
ORSERA
MUNICIPALITY



CENTRE FOR
INTERDISCIPLINARY
RESEARCH IN
LANDSCAPE
ARCHAEOLOGY



CROATIAN
CONSERVATION
INSTITUTE



VRSAR
inspires



Vrsar Tourist Board

maistra
ROVINJ - VRSAR

ARCHAEOCULTOUR

The Archaeological Landscape
in a Sustainable Development of Cultural Tourism
in the Municipality of Vrsar
2018-2021



Faculty of Economics and
Tourism "Dr. Mijo Mirković"



Faculty of Interdisciplinary,
Italian and Cultural Studies

Speleoklub HAD Vrsar

Principal Investigator: **Robert Matijašić**, Juraj Dobrila University of Pula

Researchers:

Juraj Dobrila University of Pula: **Kristina Afrić Rakitovac, Davor Bulić, Klara Buršić-Matijašić, Katarina Gerometta, Sara Popović, Nataša Urošević, Nikola Vojnović, Katarina Šprem**

University of Pisa: **Giovanni Boschian**

Conservation Department in Pula, Ministry of Culture of the Republic of Croatia: **Marko Uhač**

Division for Archaeological Heritage, Croatian Conservation Institute: **Josip Višnjić**

Municipality of Vrsar-Orsera: **Vlasta Gortan**

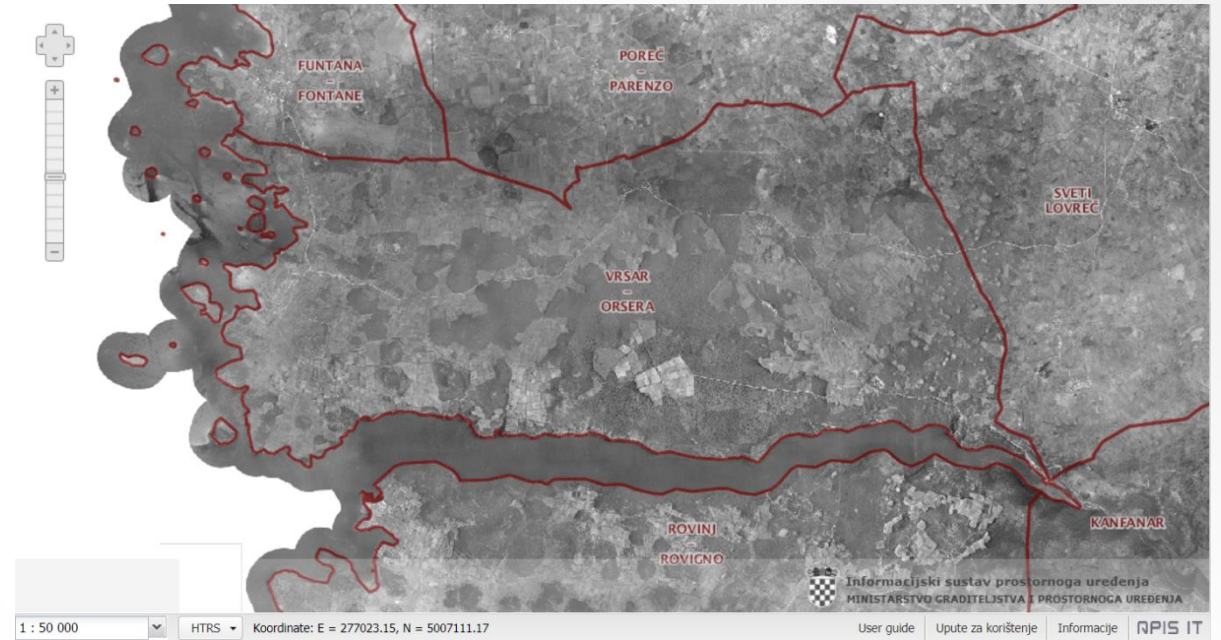
Vrsar Tourist Board: **Tina Slamar**

Maistra PLC.: **Sanda Bravar**

Scuba diving club „Ugor” Vrsar: **Roberto Gergeta, Ivan Gerometta, Milorad Harašić, Mauricio Matukina, Anton Prekalj,**

Speleoclub HAD Vrsar: **Ciceran, Petra Pifar**

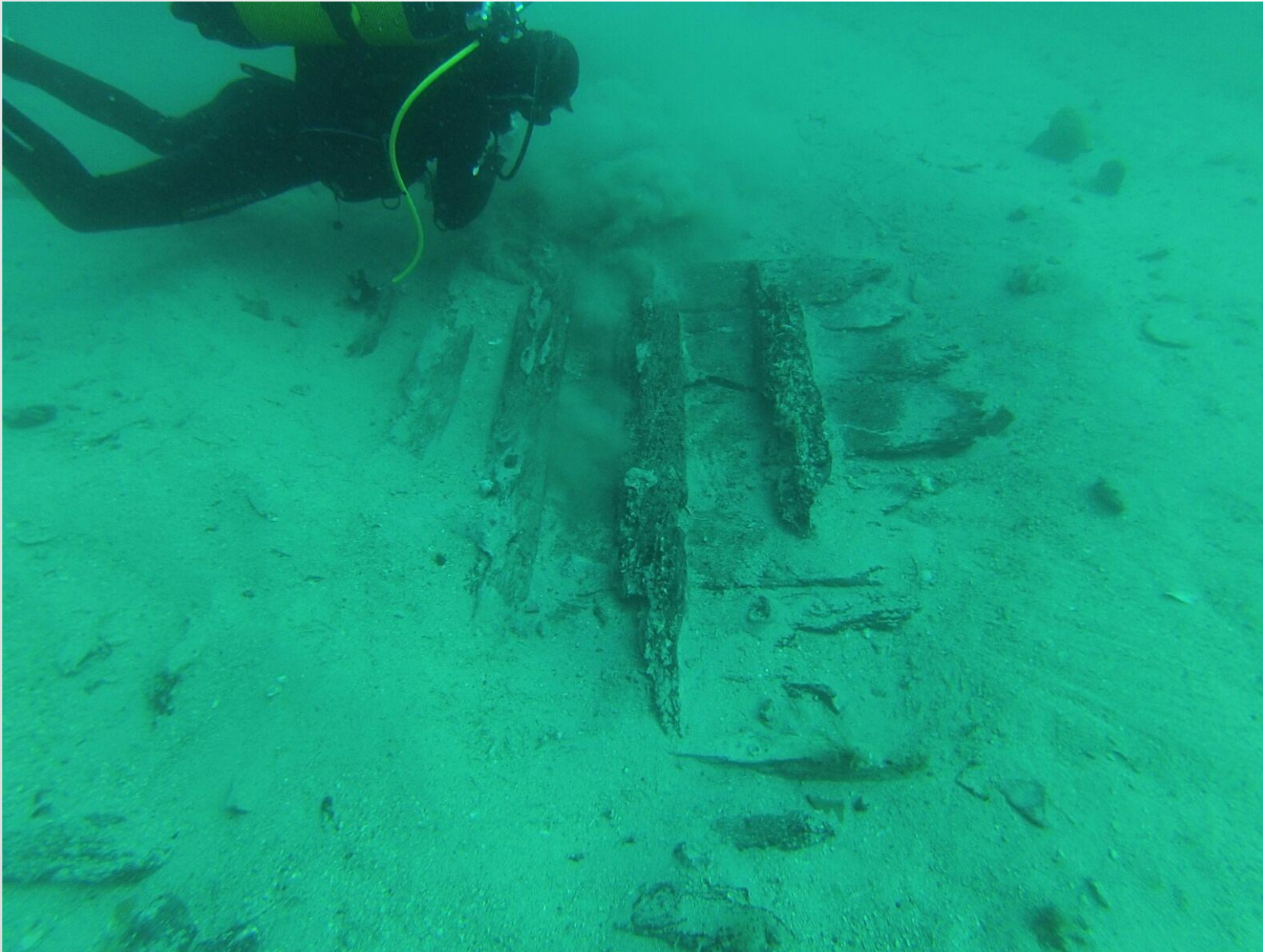
THE MUNICIPALITY OF VR SAR



• Land surface area: 37,92 km²

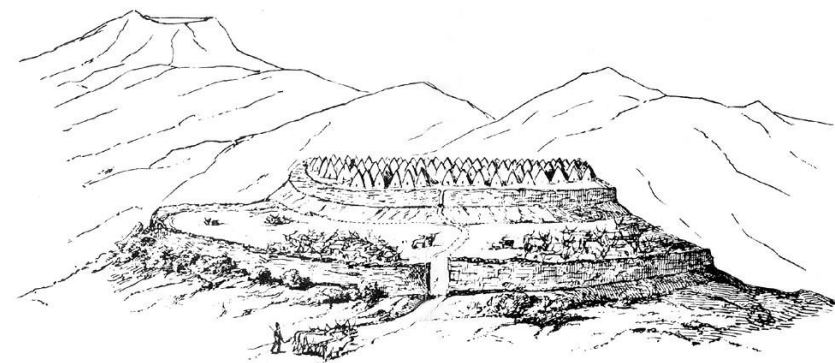
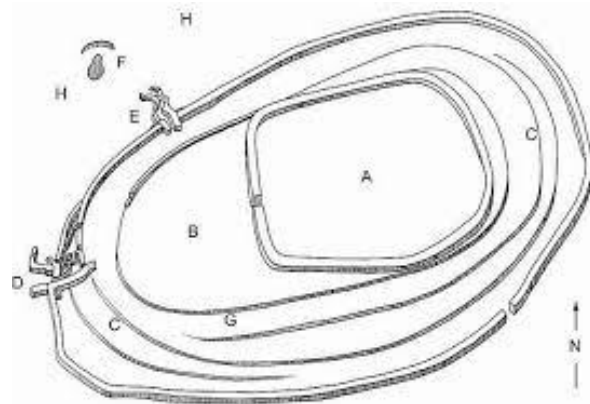
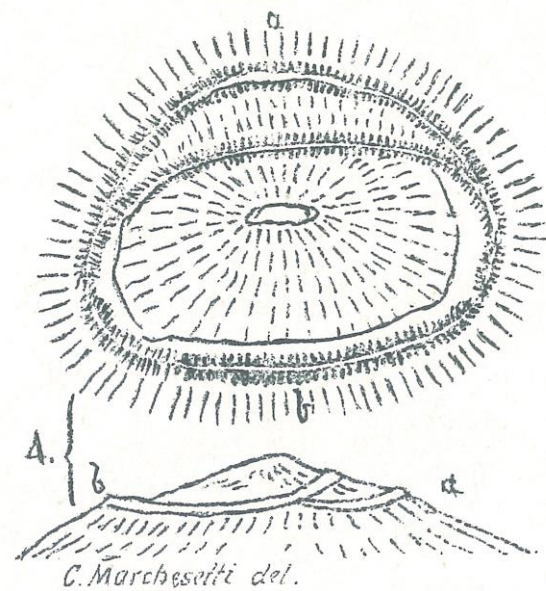
• Administrative center Vrsar (Orsera) situated on a hilltop 50 m a.s.l. – prehistoric settlement





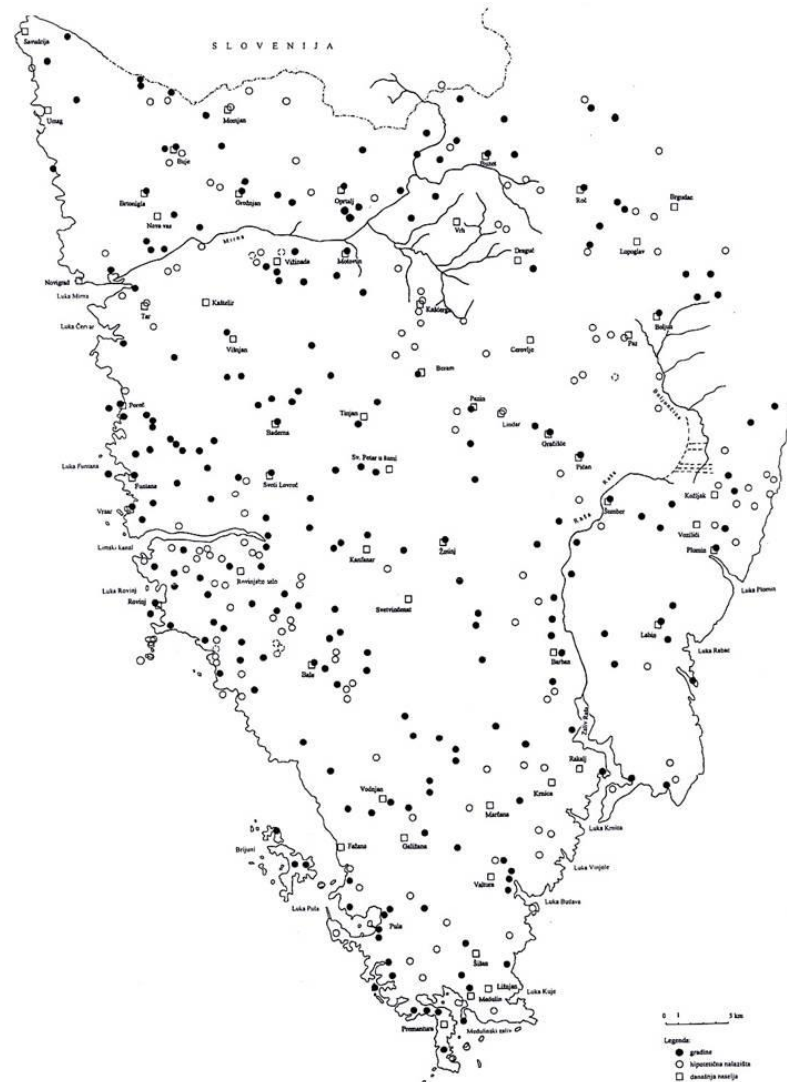
- shipwreck
- Quercus Sp. (oak tree)
- 1436-1522 AD



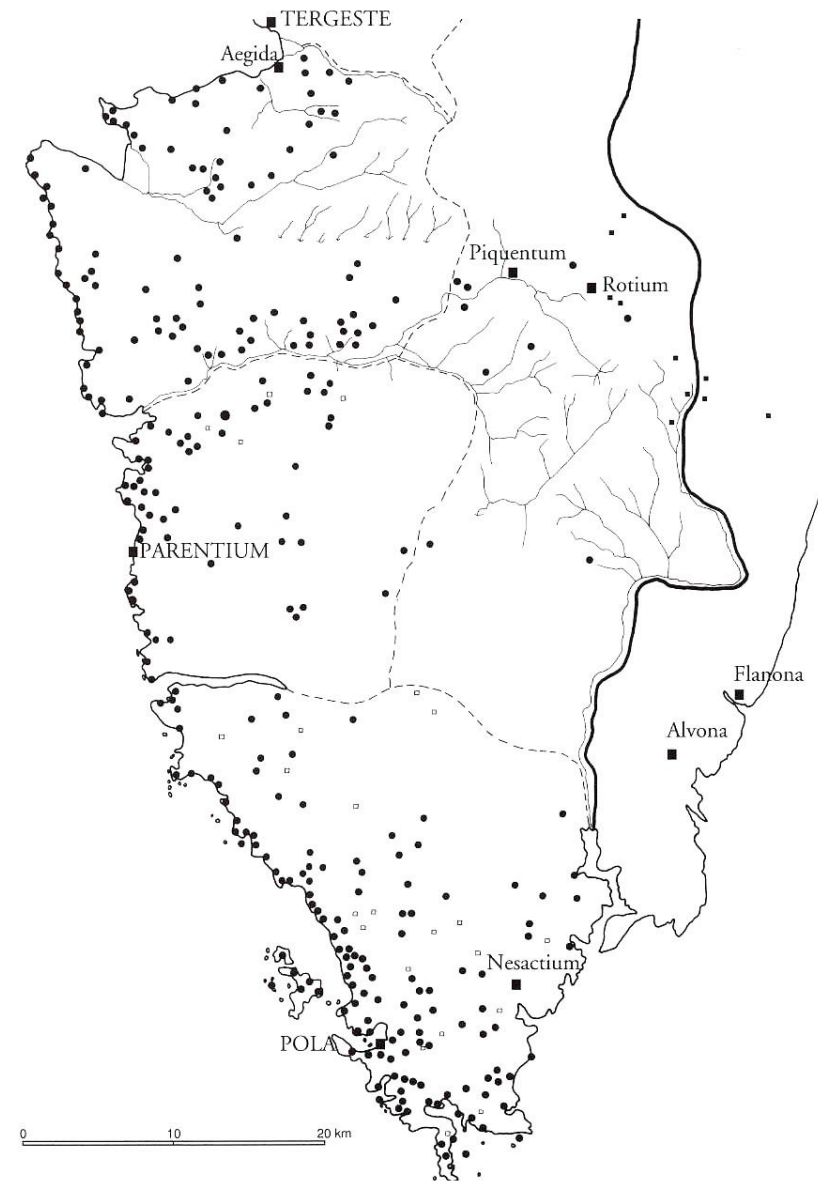


The Pre-historic Village and Castelli in Tivoli restored by R. F. Burton

Prehistoric hillforts



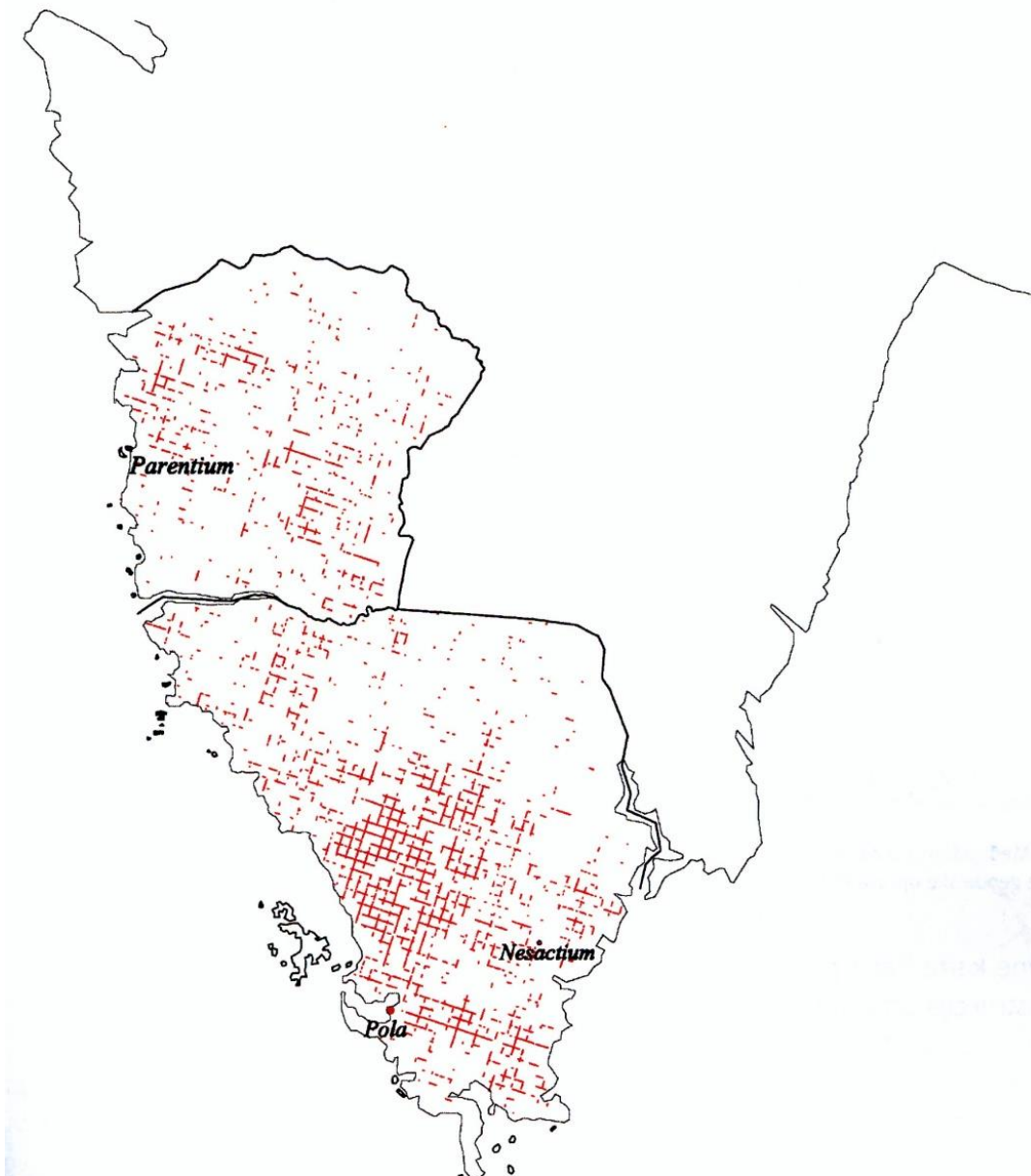
Roman *villae rusticae*



Colonia Iulia Tergeste

Colonia Iulia Parentium

Colonia Iulia Pola



Slika 3. Vidljivi ostaci rimske centurijacije Istre (izradio D. Bulić).



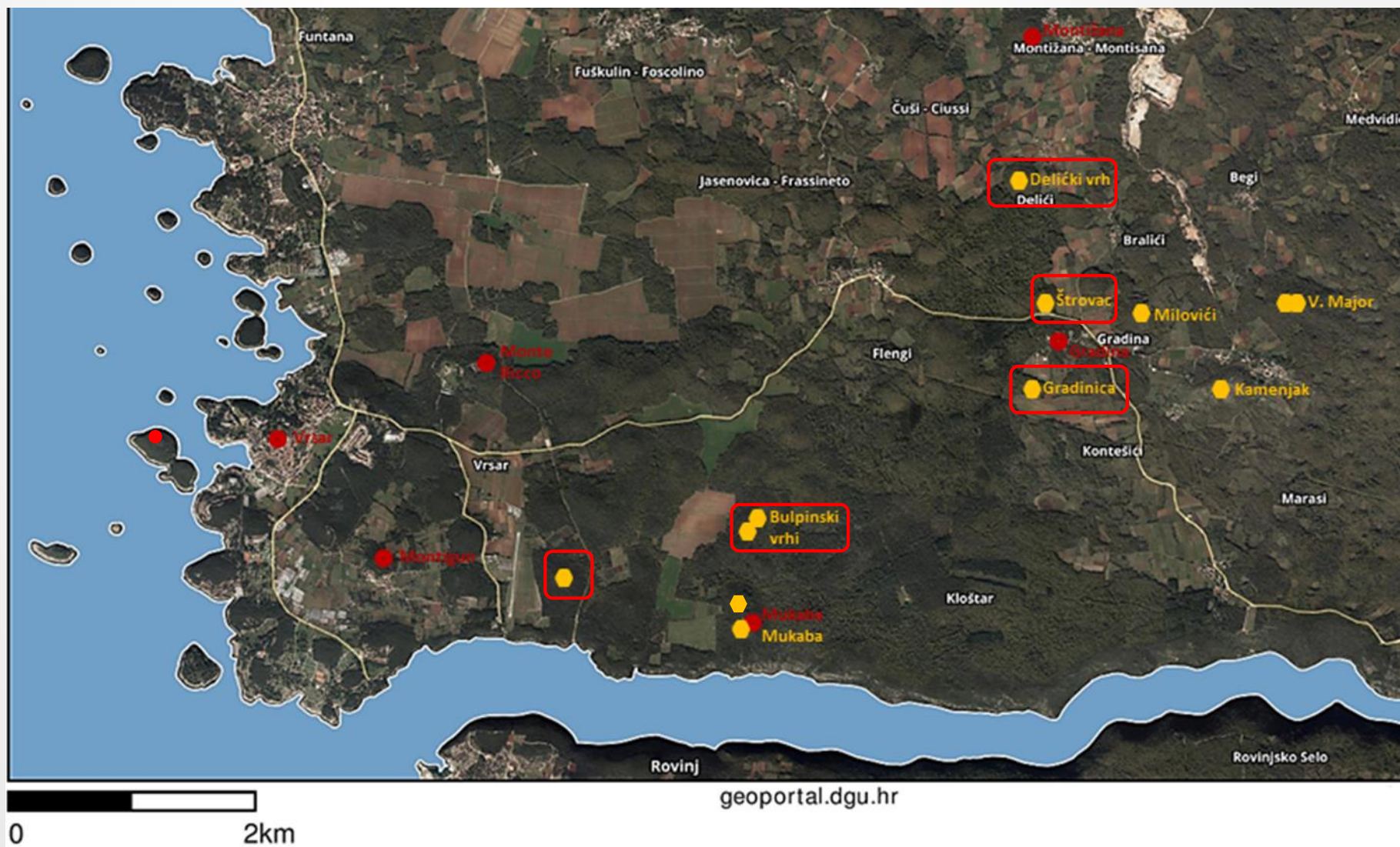
Burial mounds known
before 2015



Burial mounds
2015



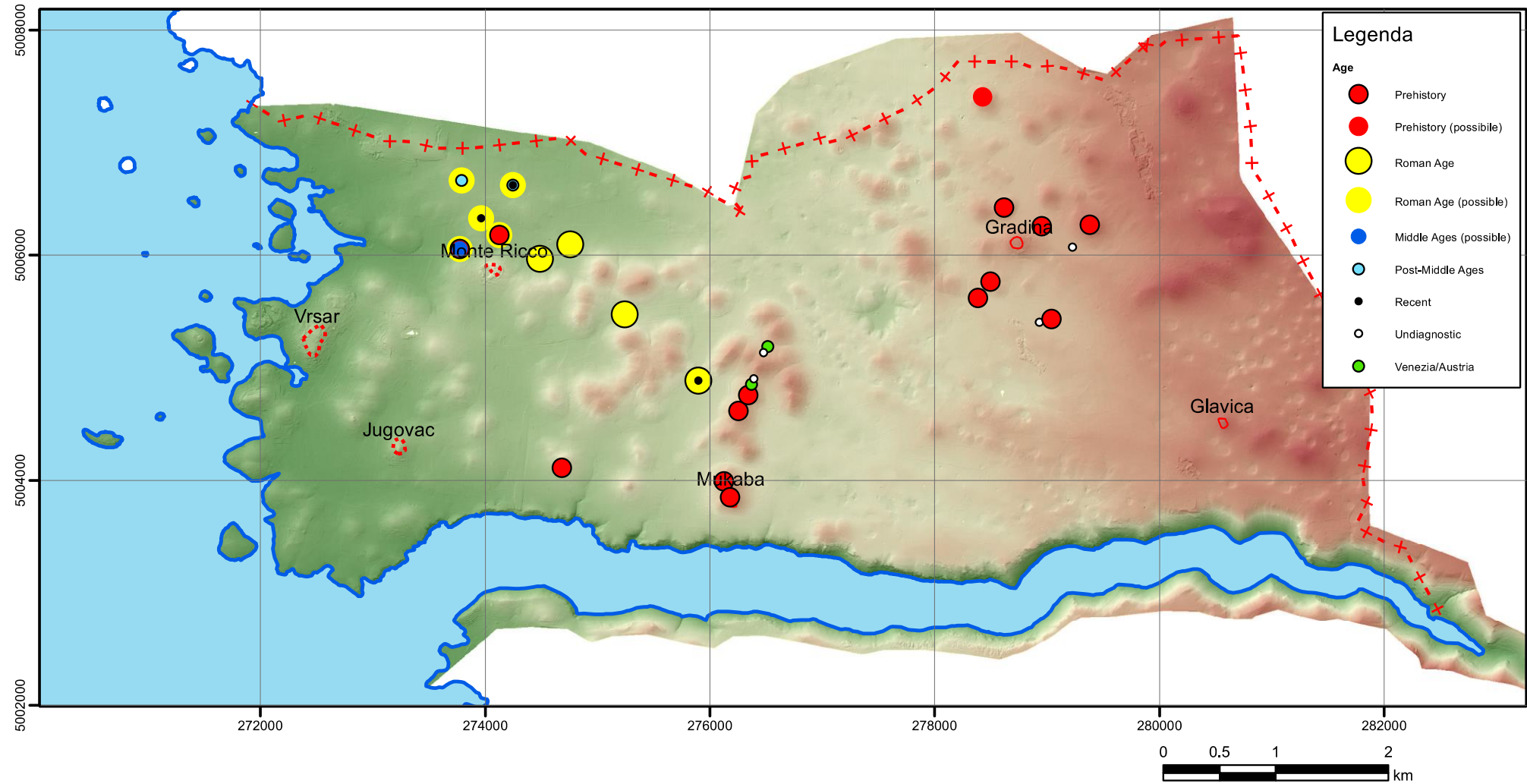
Hillforts known
before 2015



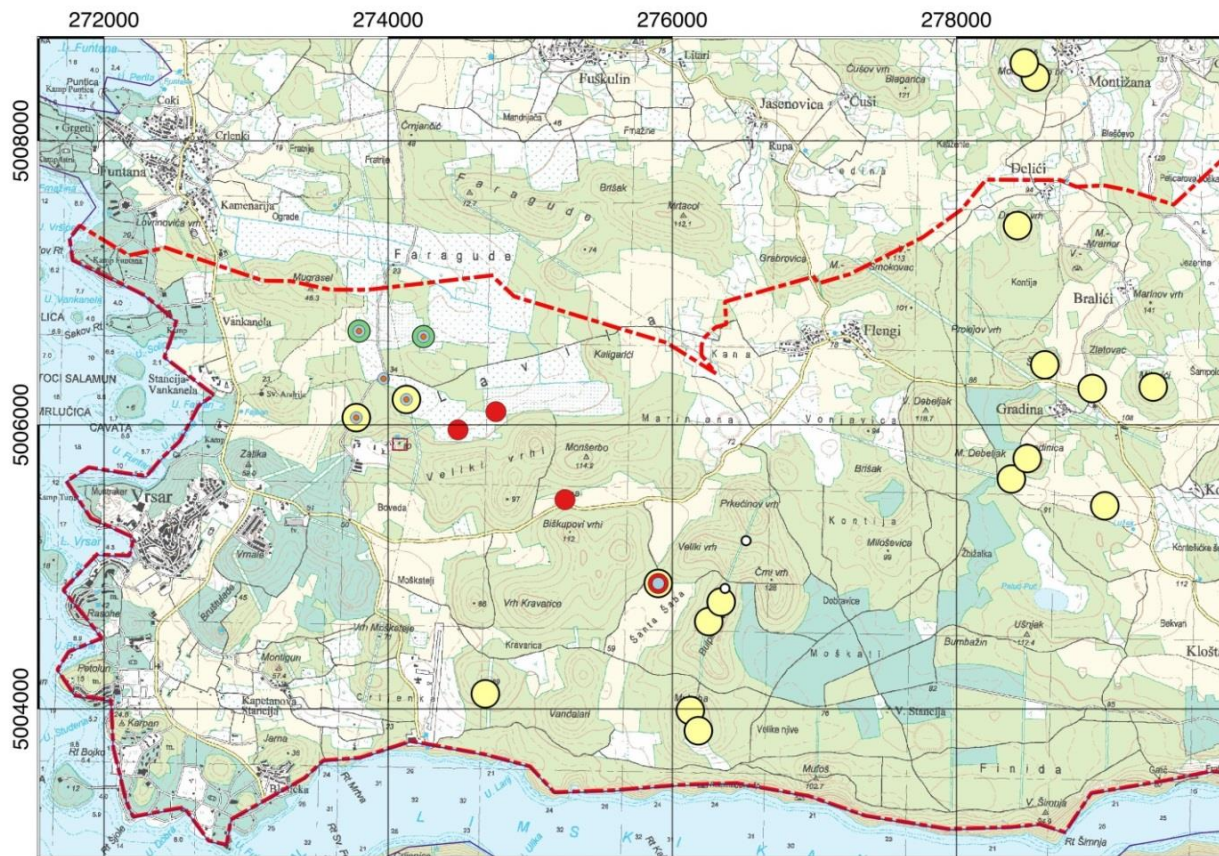
RAT-ROPH project + ARCHAEOCULTOUR project

OBJECTIVE 1.
IDENTIFICATION
of the
archaeological
heritage in the
Municipality of
Vrsar.

Vrsar Municipality Territory - Archaeological survey



FIELD SURVEY 2015



Legenda

— MR_Perim
 VrsarOpcinaPGon

Ricognizione_MR15

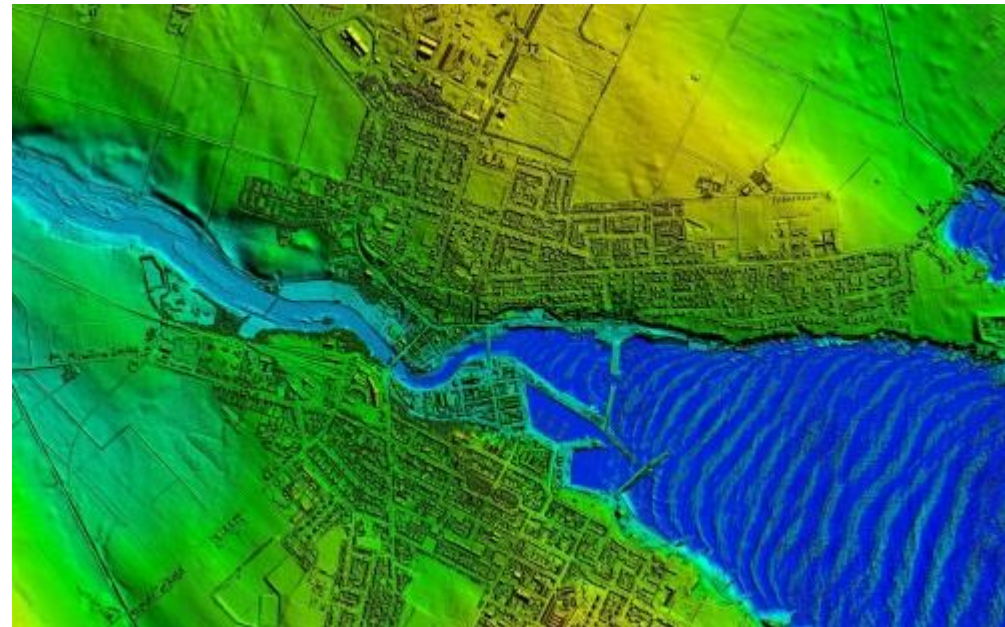
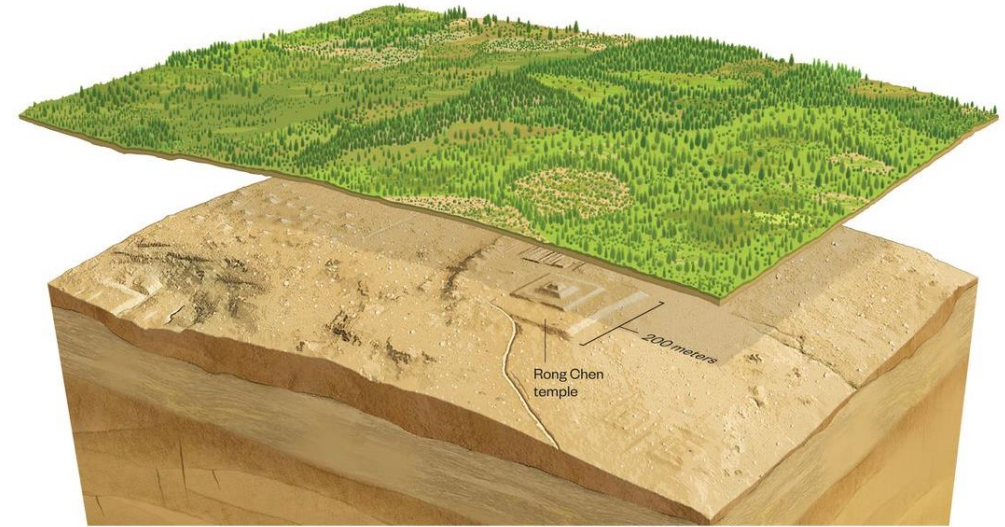
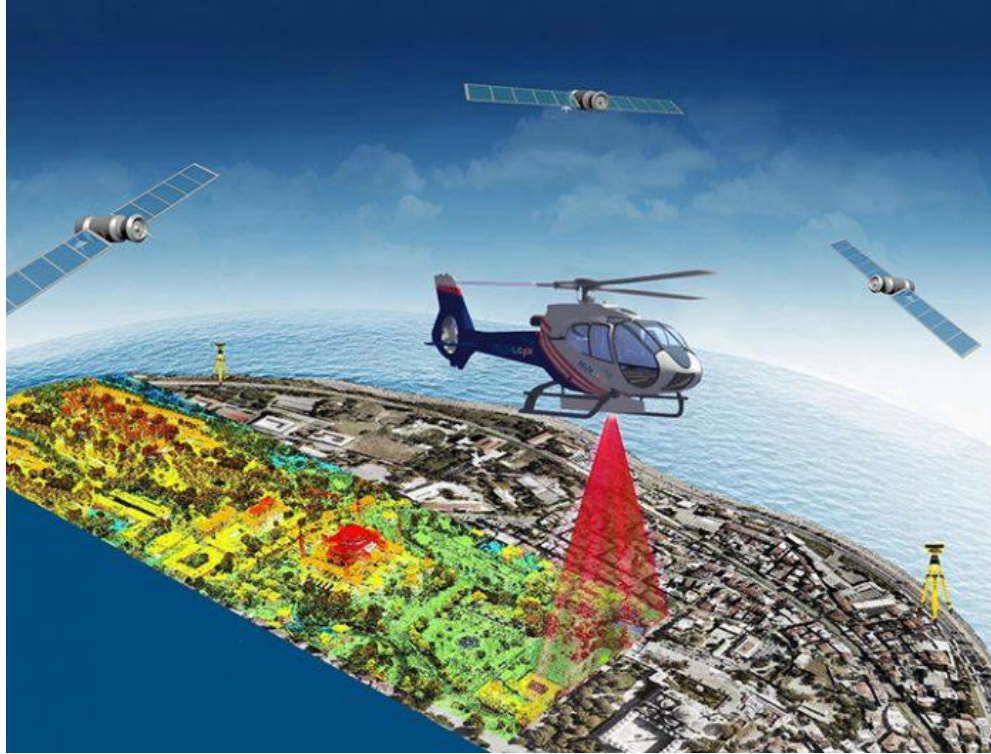
- Preistoria
- Età Romana
- Post_Medievale
- Recente
- Venezia/austria
- Romano Possibile



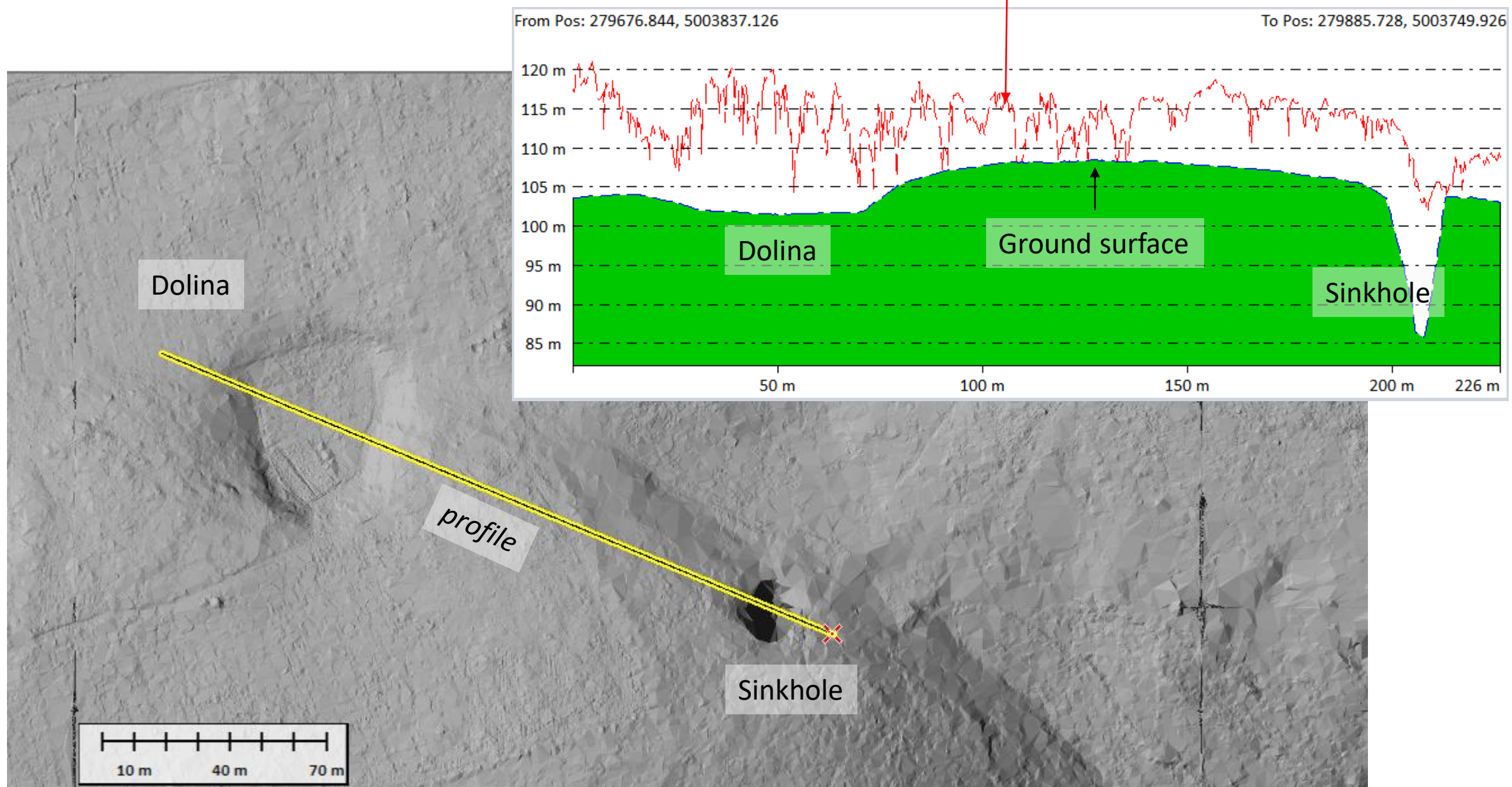


LiDAR

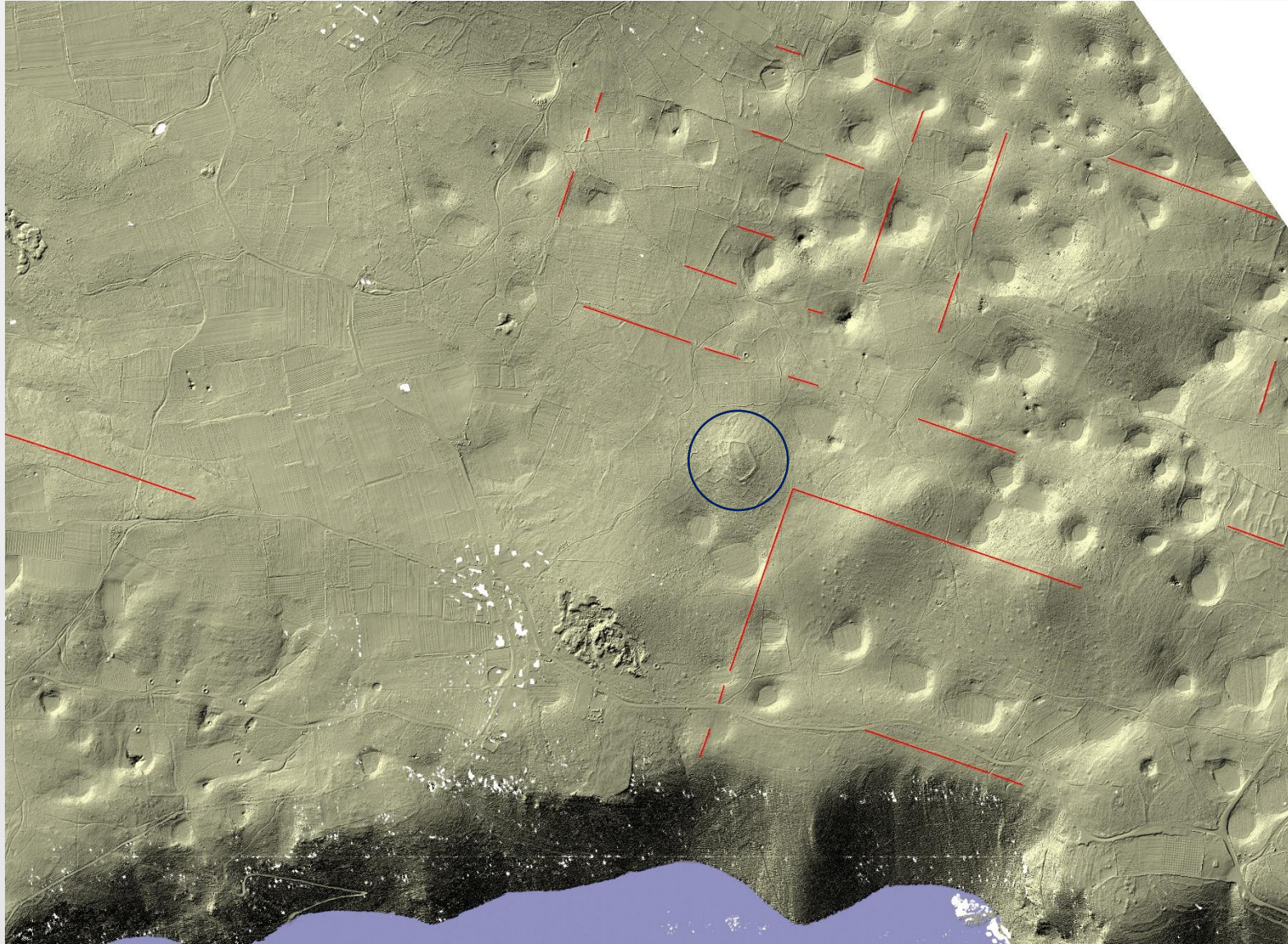
Light detection and ranging



Example: Kontija wood
Ground arrival – topography



OBJECTIVE 2. **RESEARCH** - excavations of selected archaeological sites to gain insight into the morphology, chronology and dynamics of the sites and landscape, etc.



Glavica - prehistoric hillfort



Roman
land
division

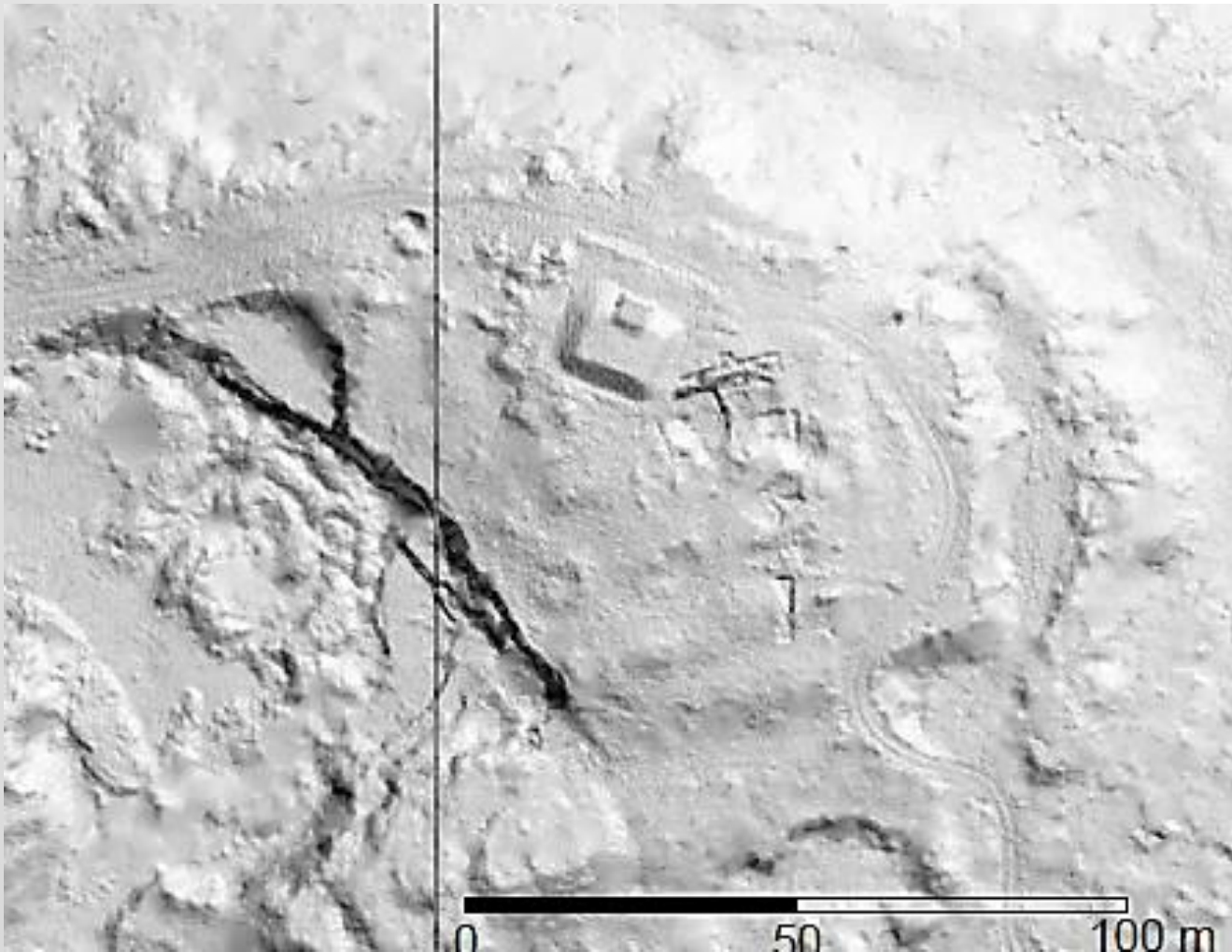


MONTE RICCO





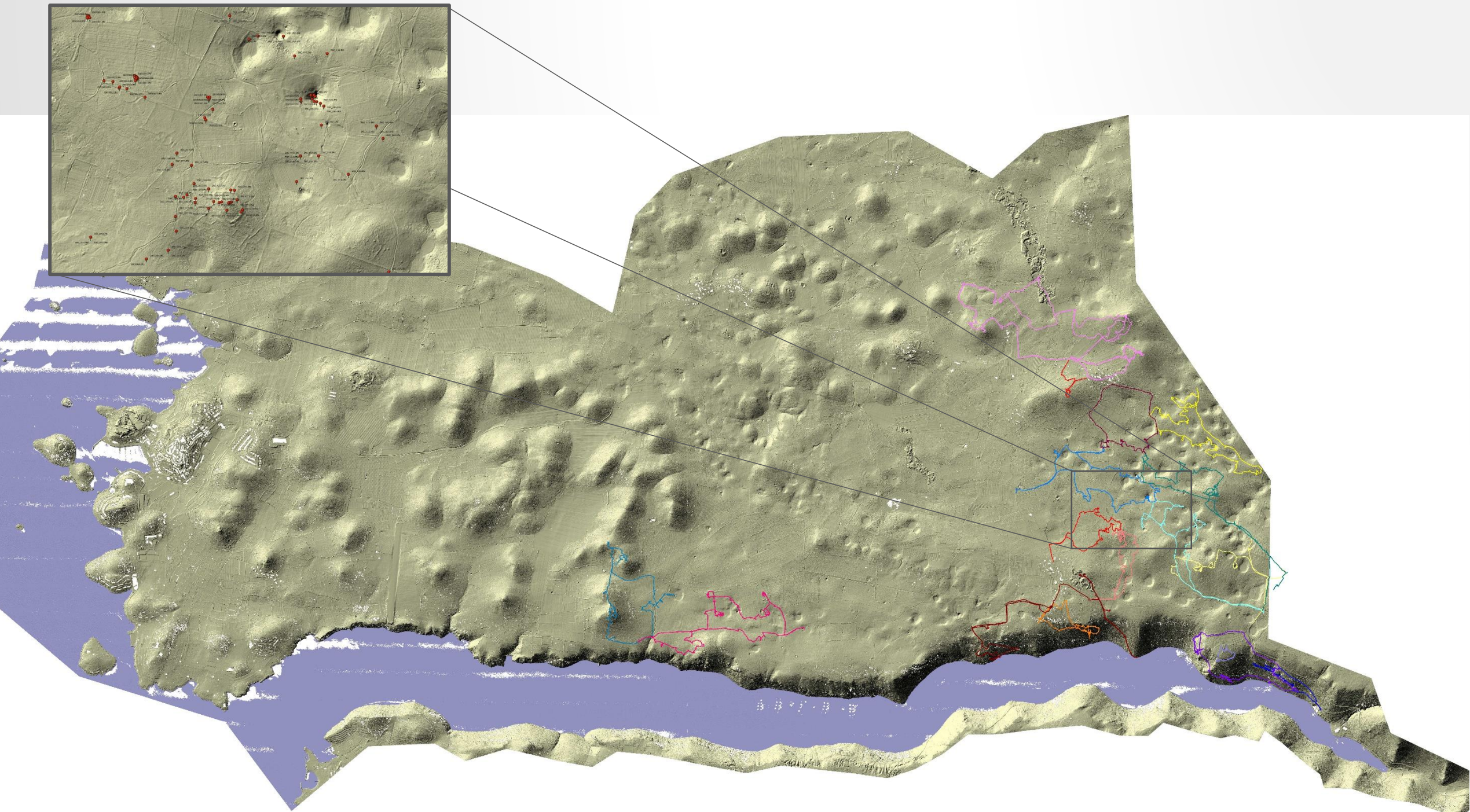
MONTE RICCO

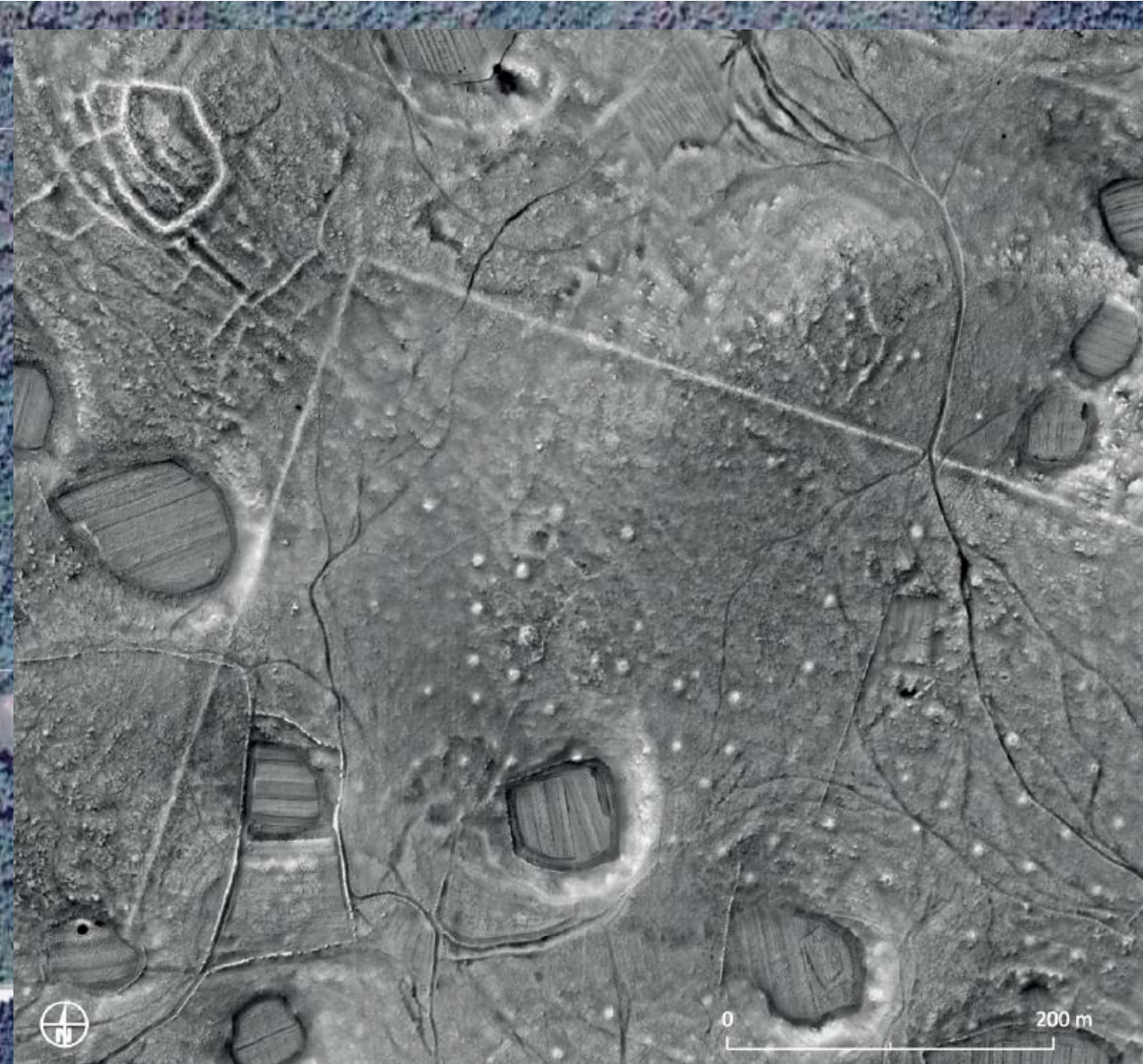


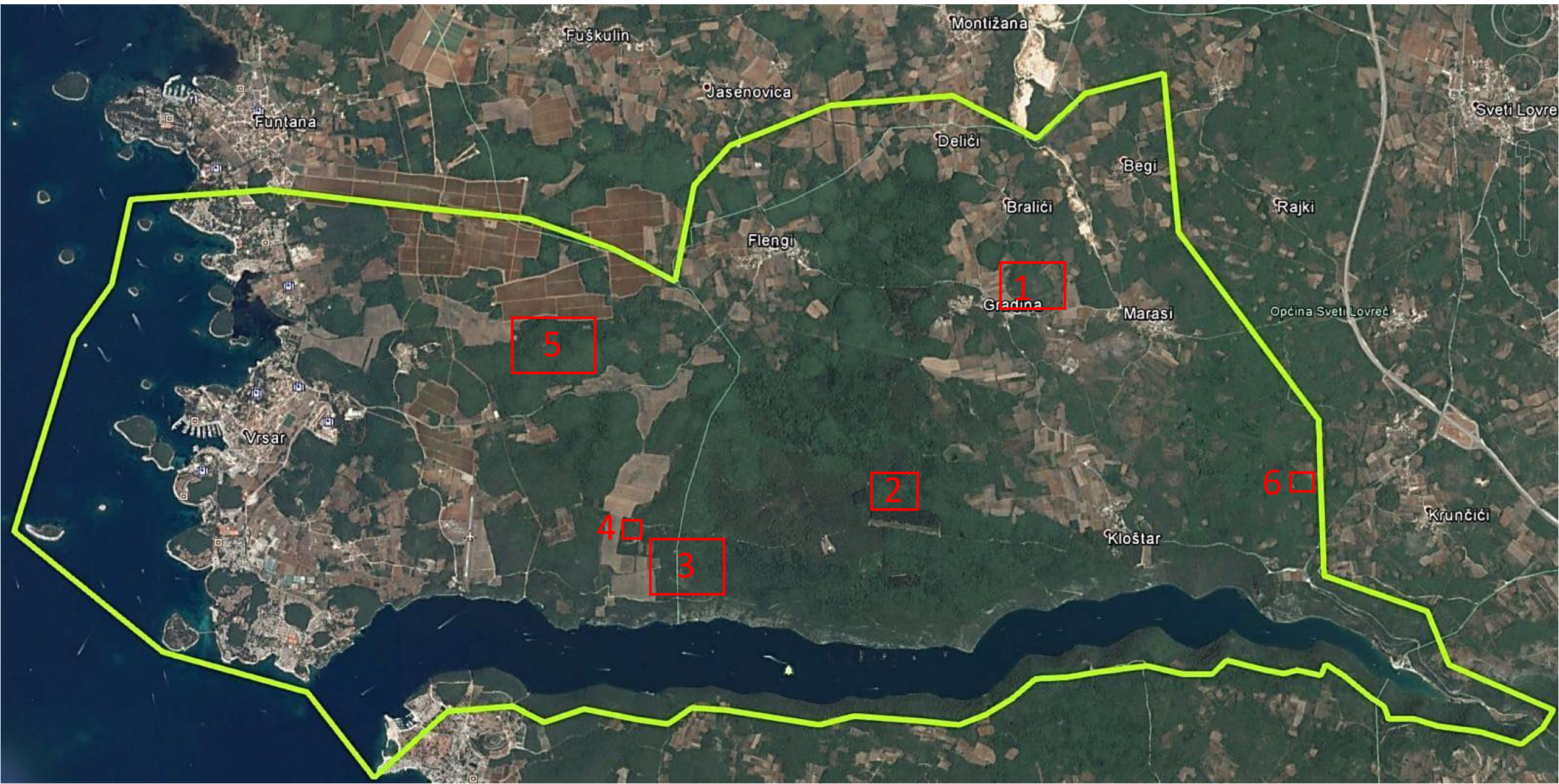


- <https://vektra.net/en/project/vrsar-rimska-cisterna-monte-rico/>

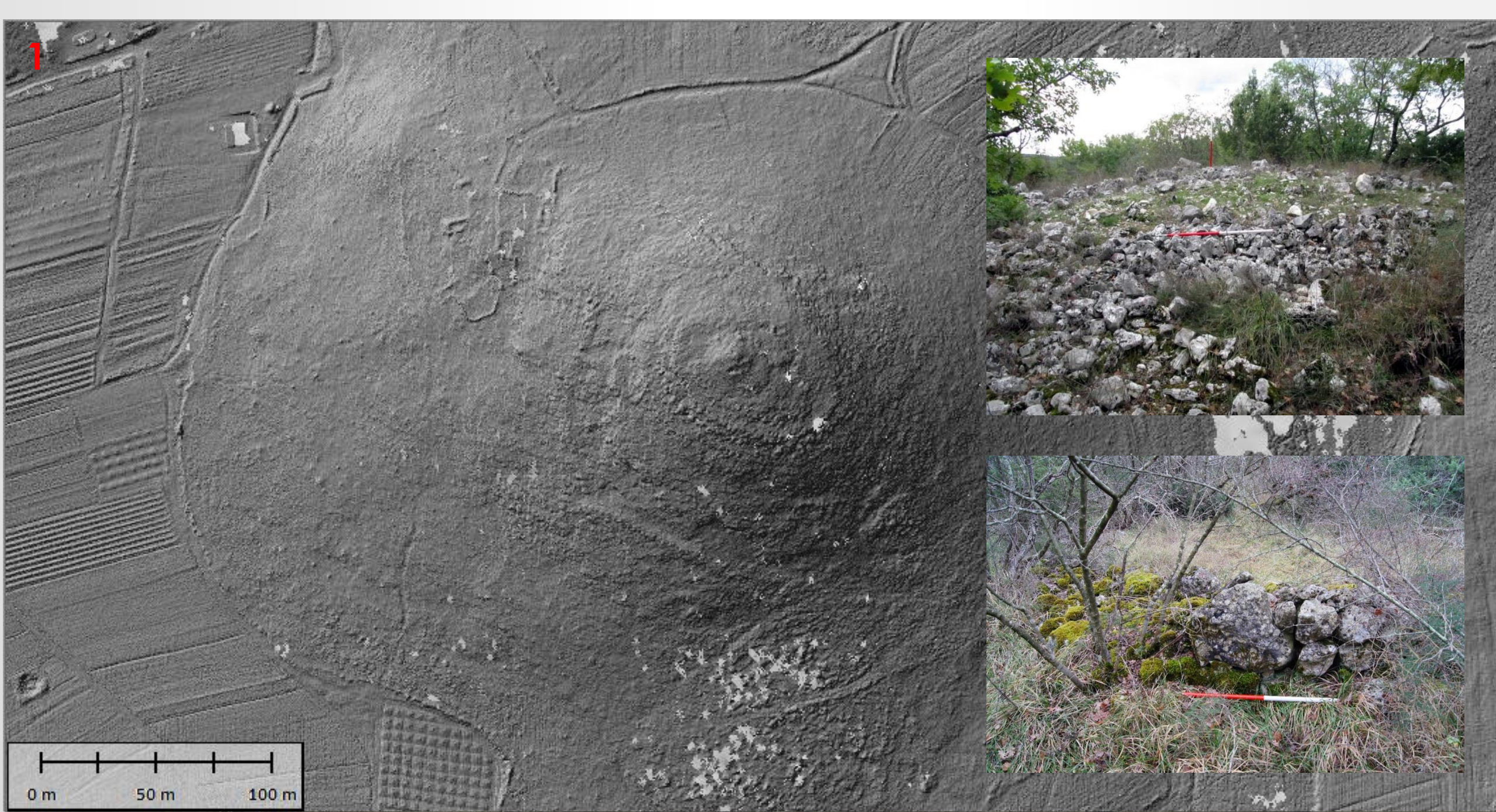


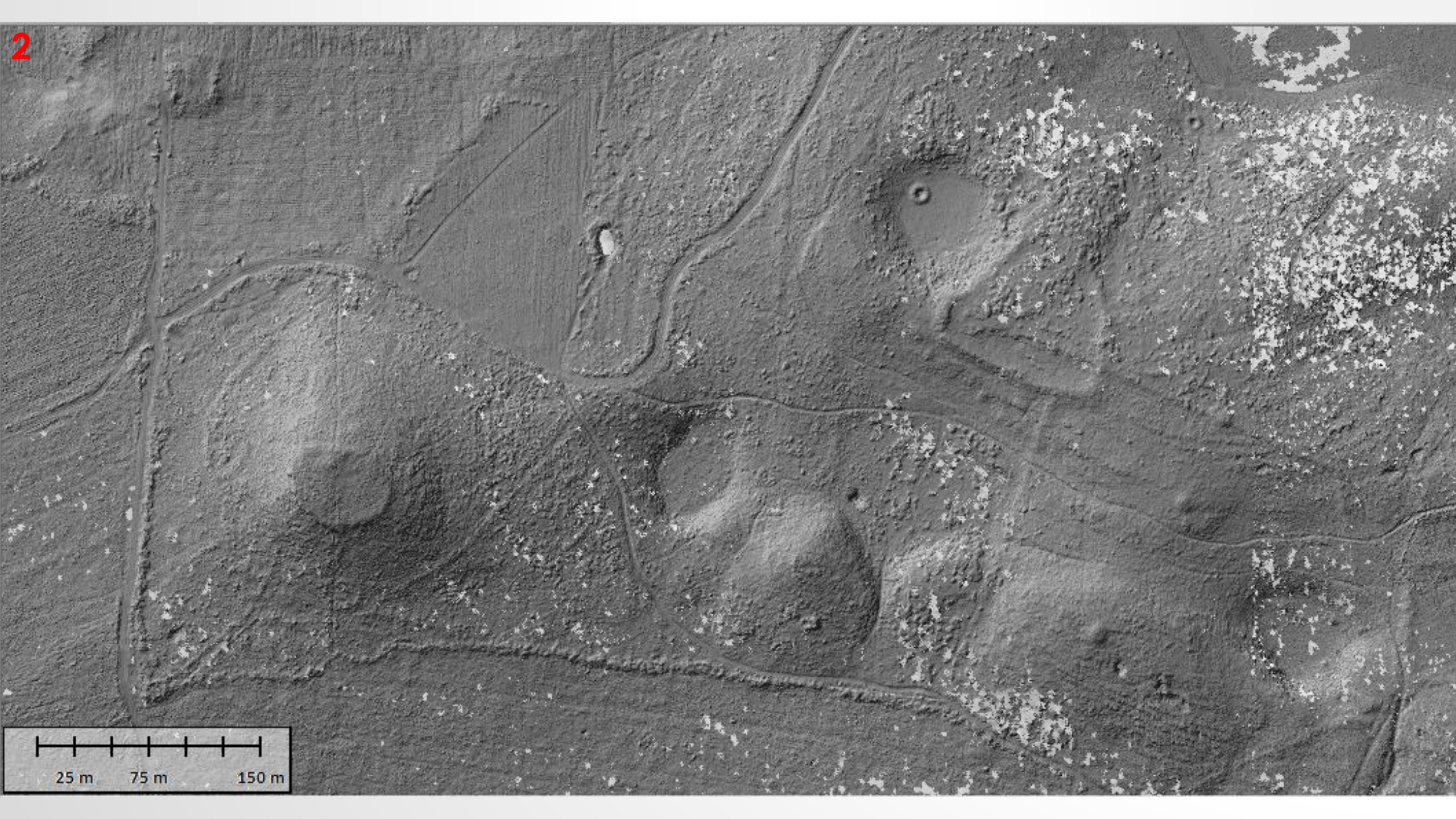


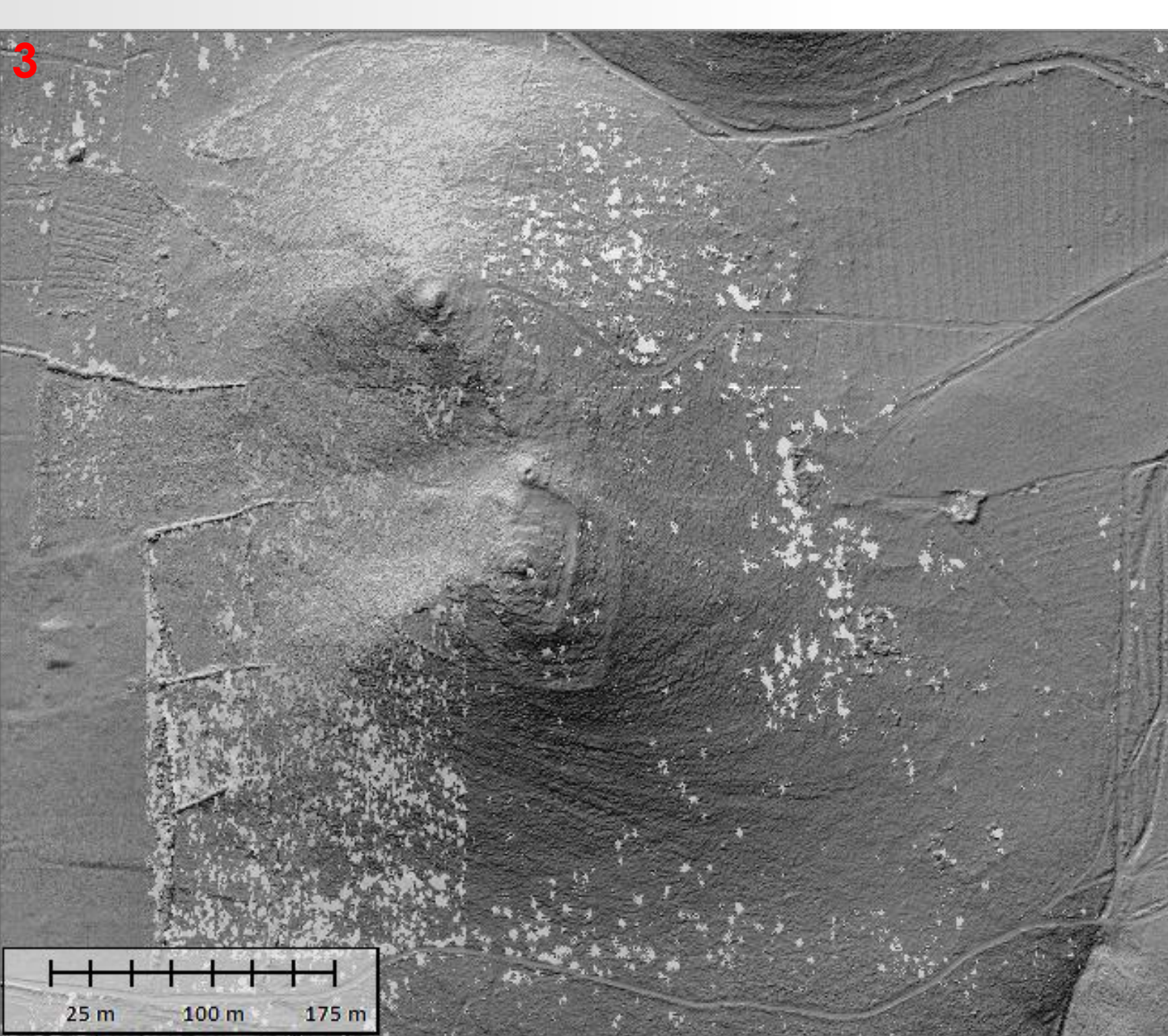




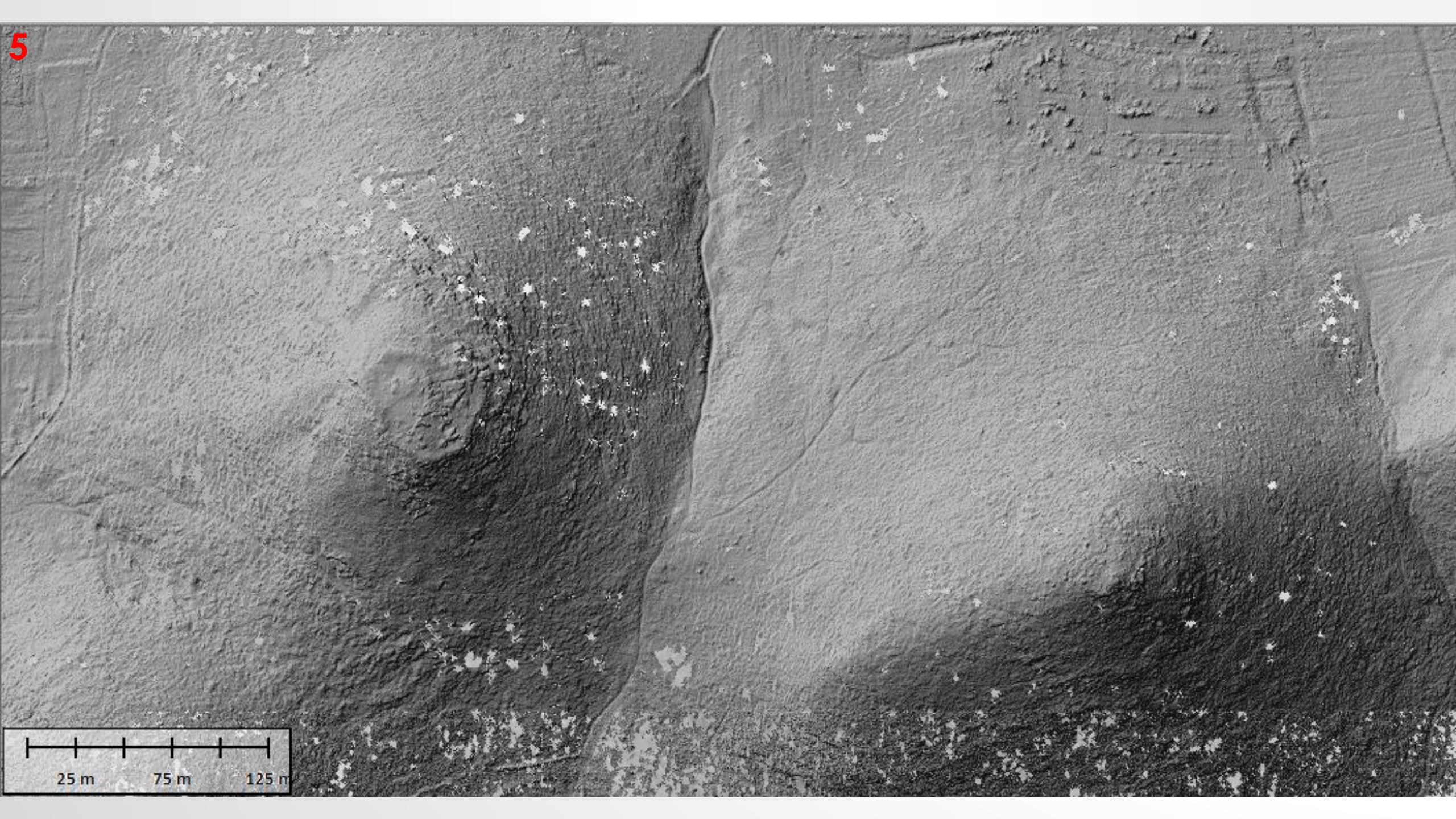
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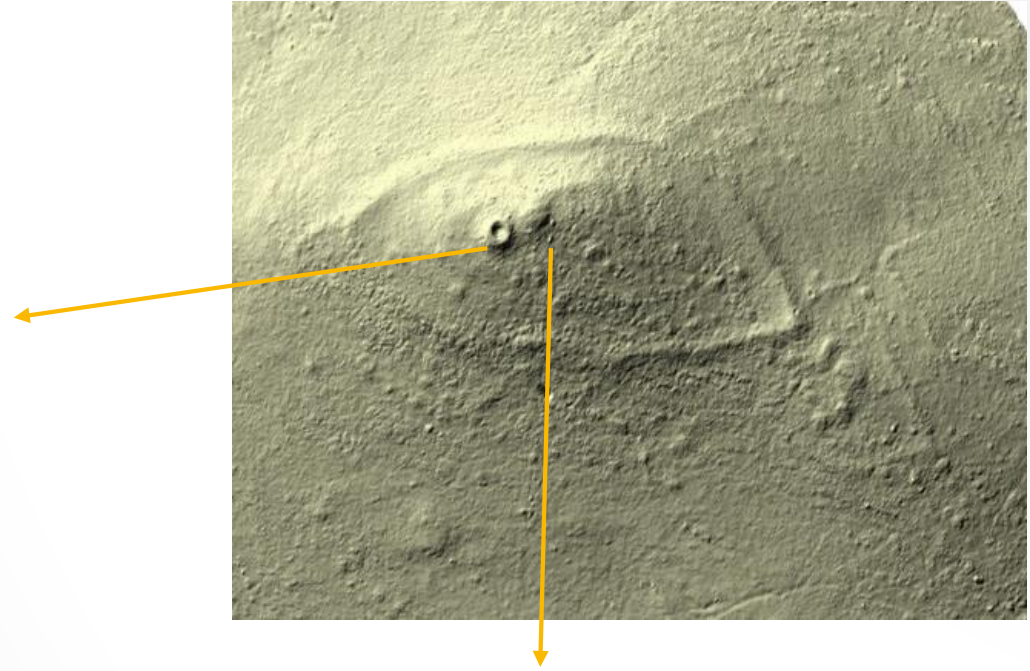


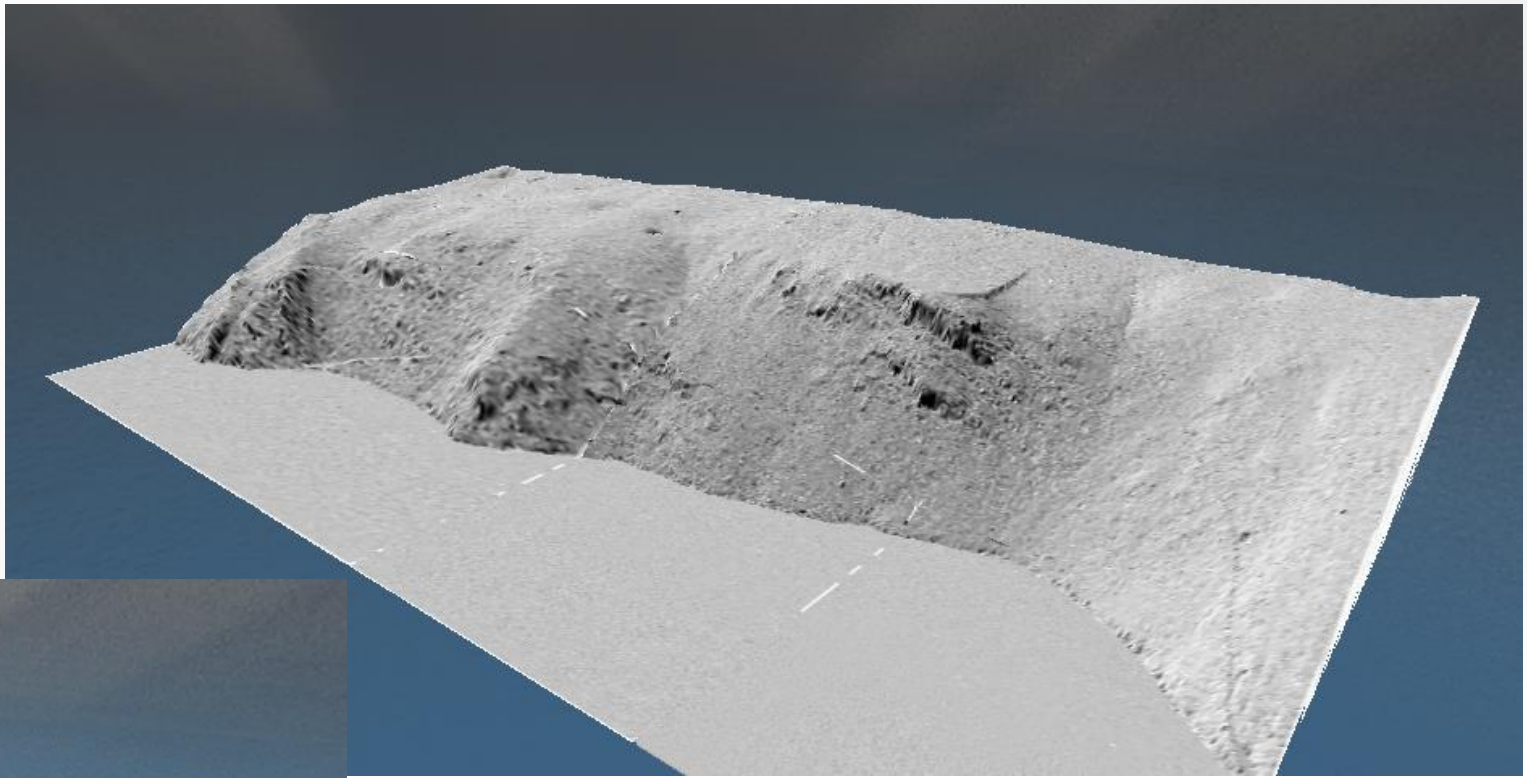


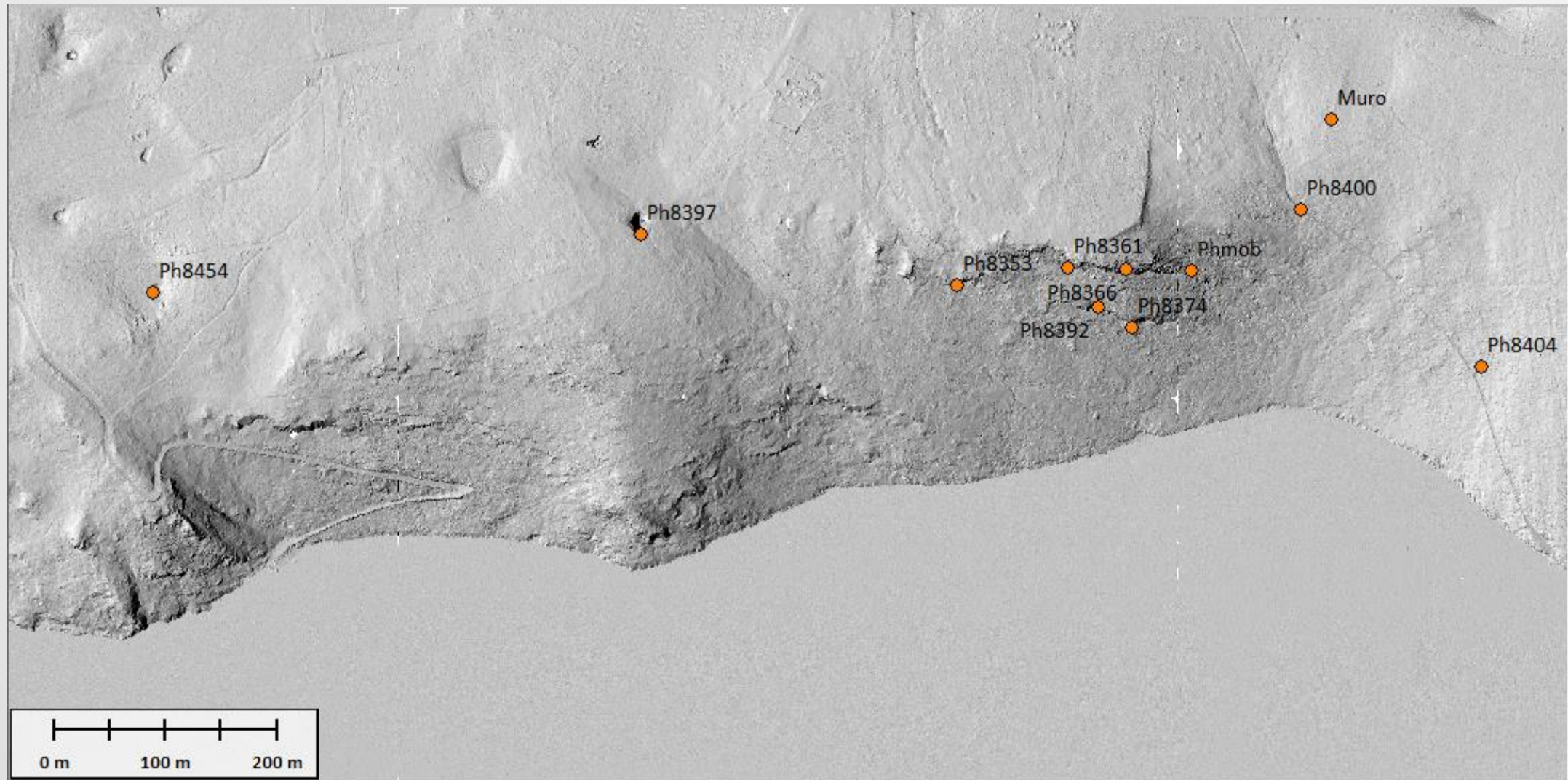


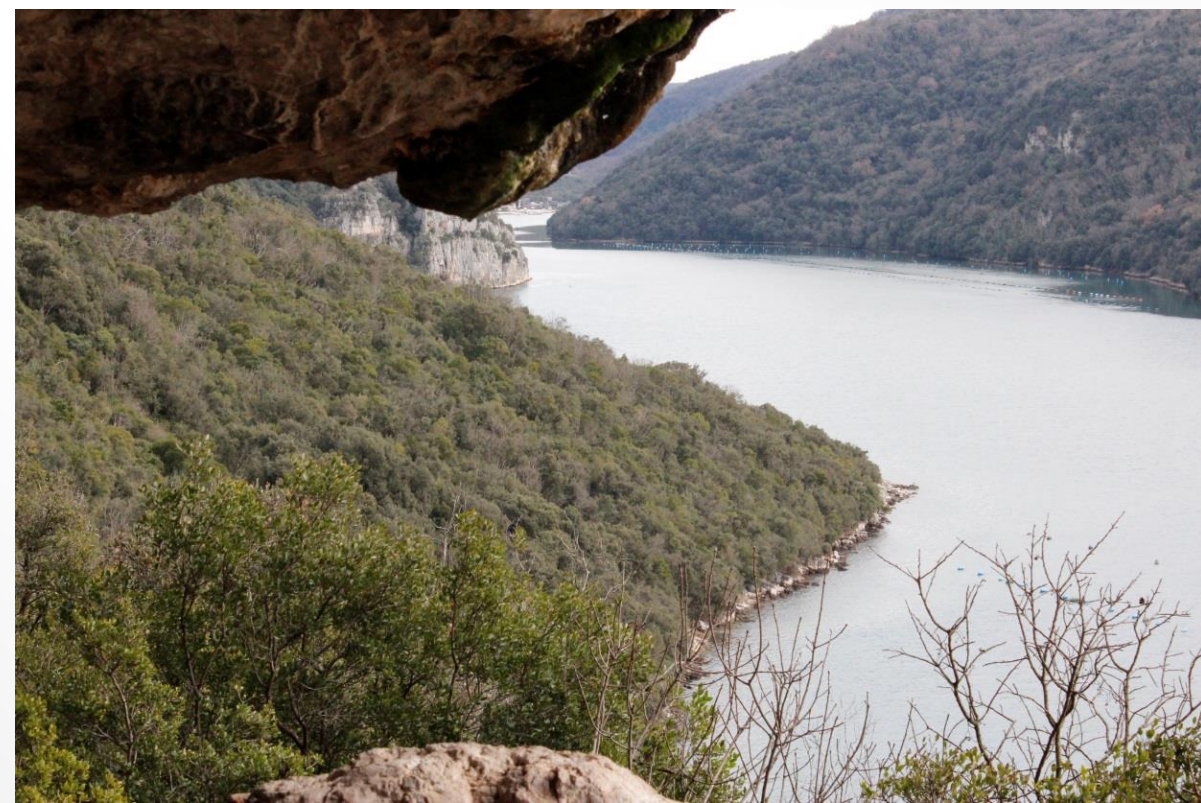
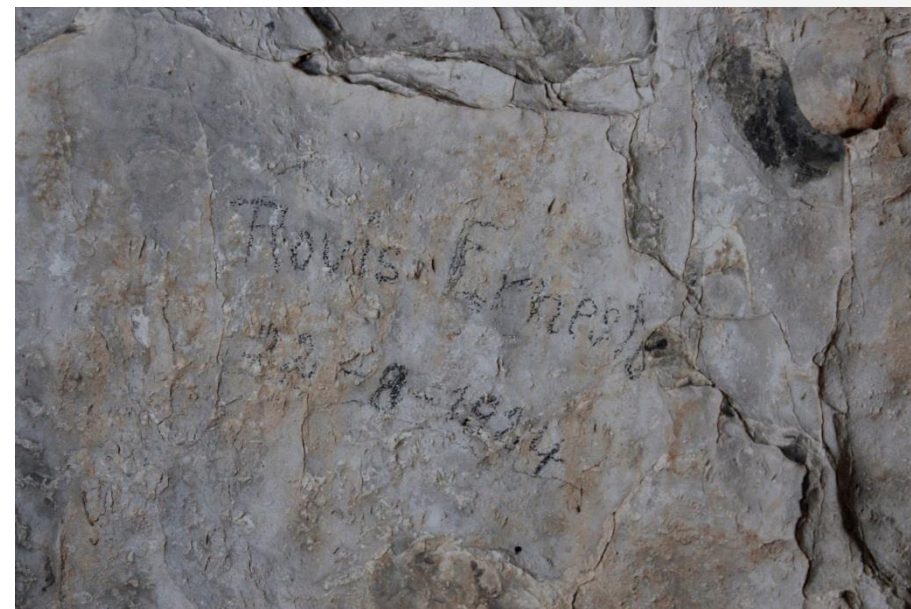
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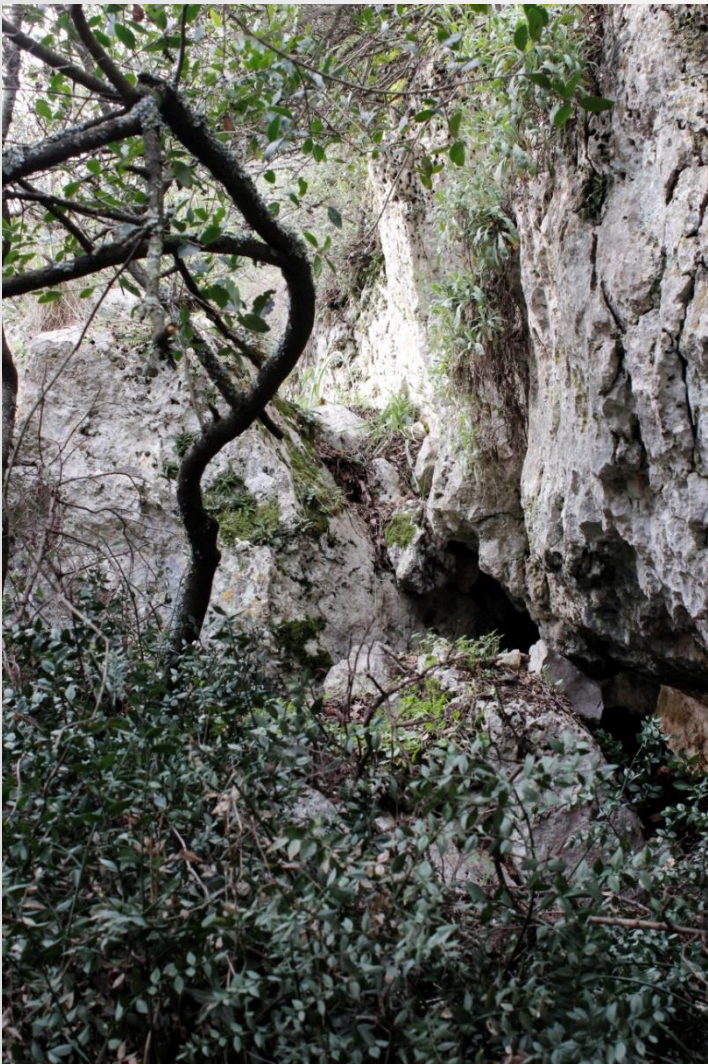


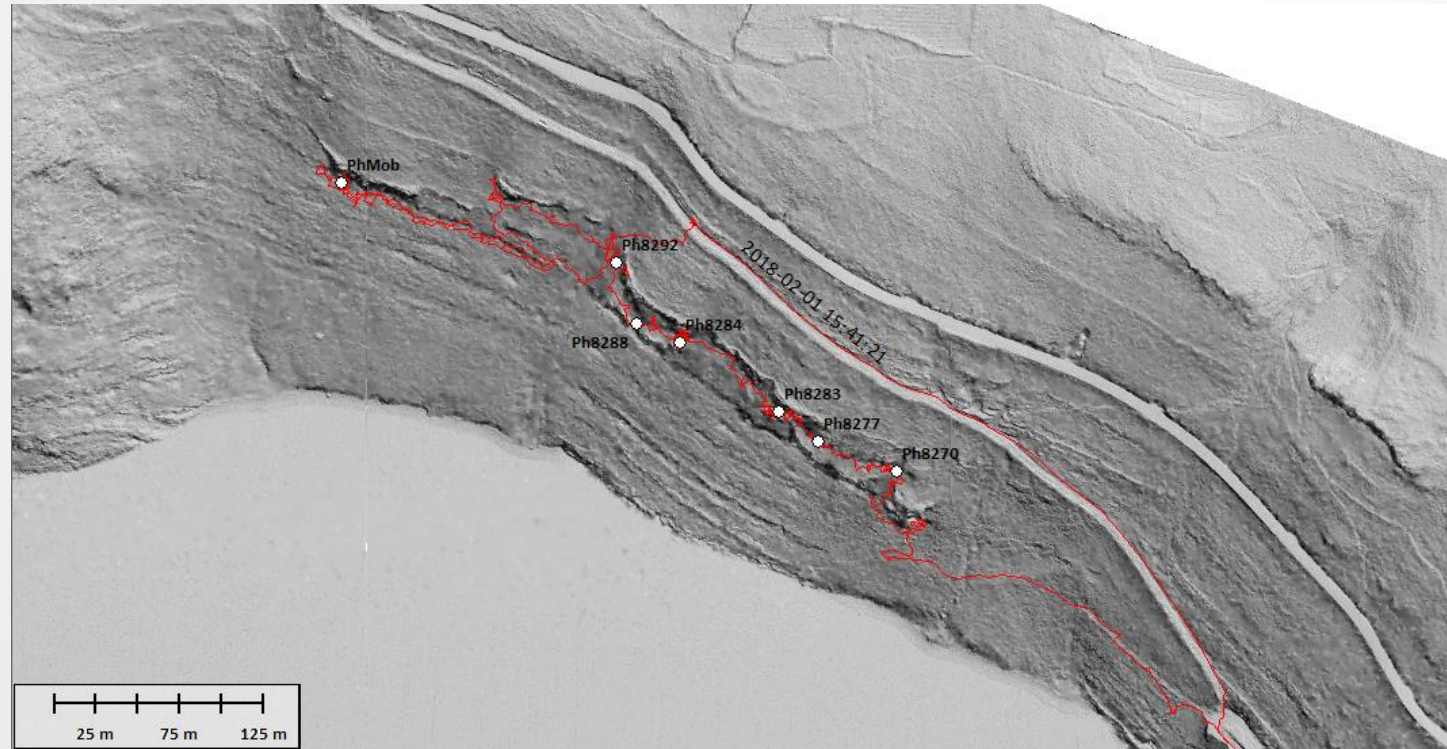


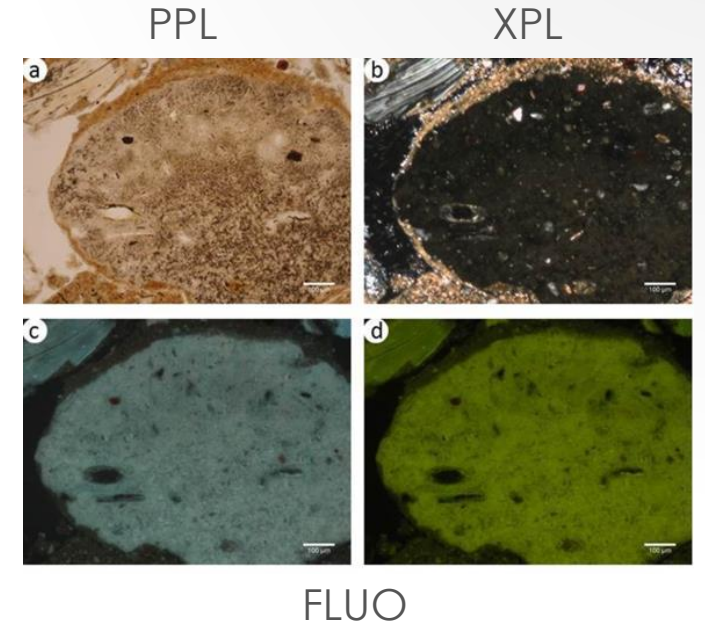












MICROMORPHOLOGY

- thin section production
- analyses – petrographic polarising microscope under PPL, XPL, OIL, FLUO light

GRANULOMETRY – FINE FRACTION

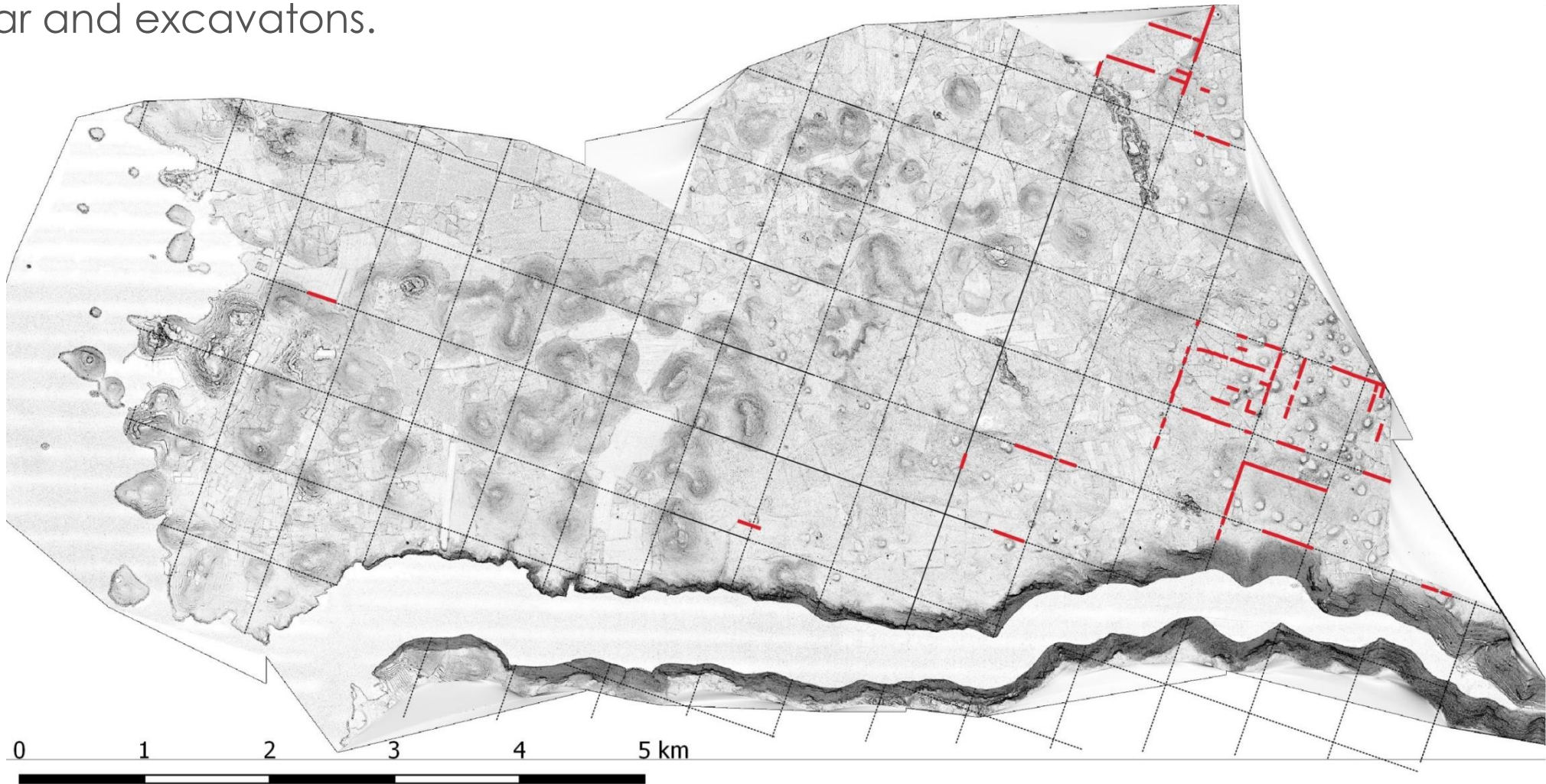
< 2 mm fraction,

- sand fraction measured by wet sieving
- observed under a stereo microscope,
- silt and clay fractions measured using the Bouyoucos hydrometer method



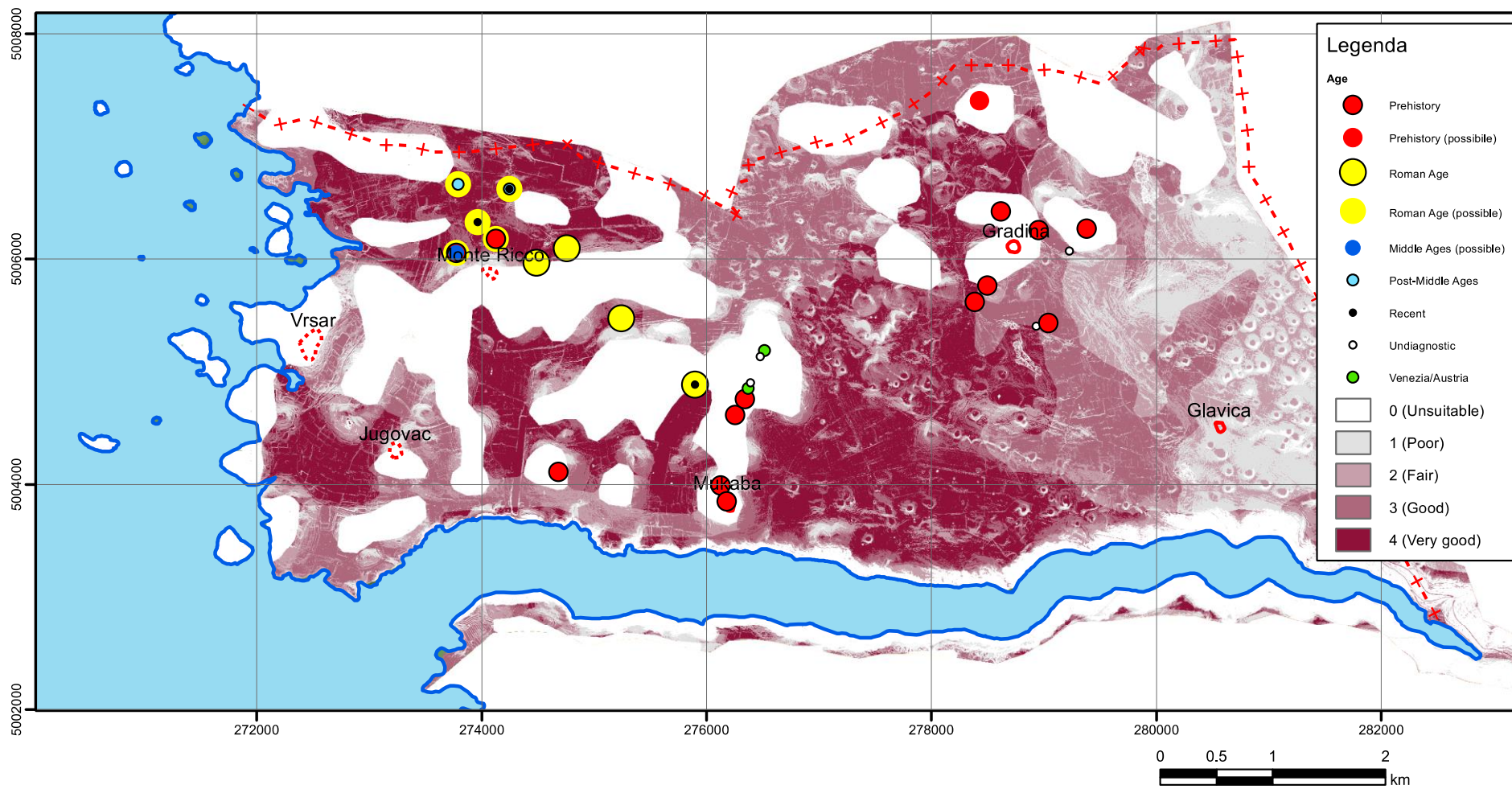
OBJECTIV 3. **ELABORATION OF A GIS DATABASE**

by integrating data on the archaeological heritage resulting from field surveys, sites identified by the analysis of aerial photographs, Lidar and excavatons.



RAT - ROPH PROJECT

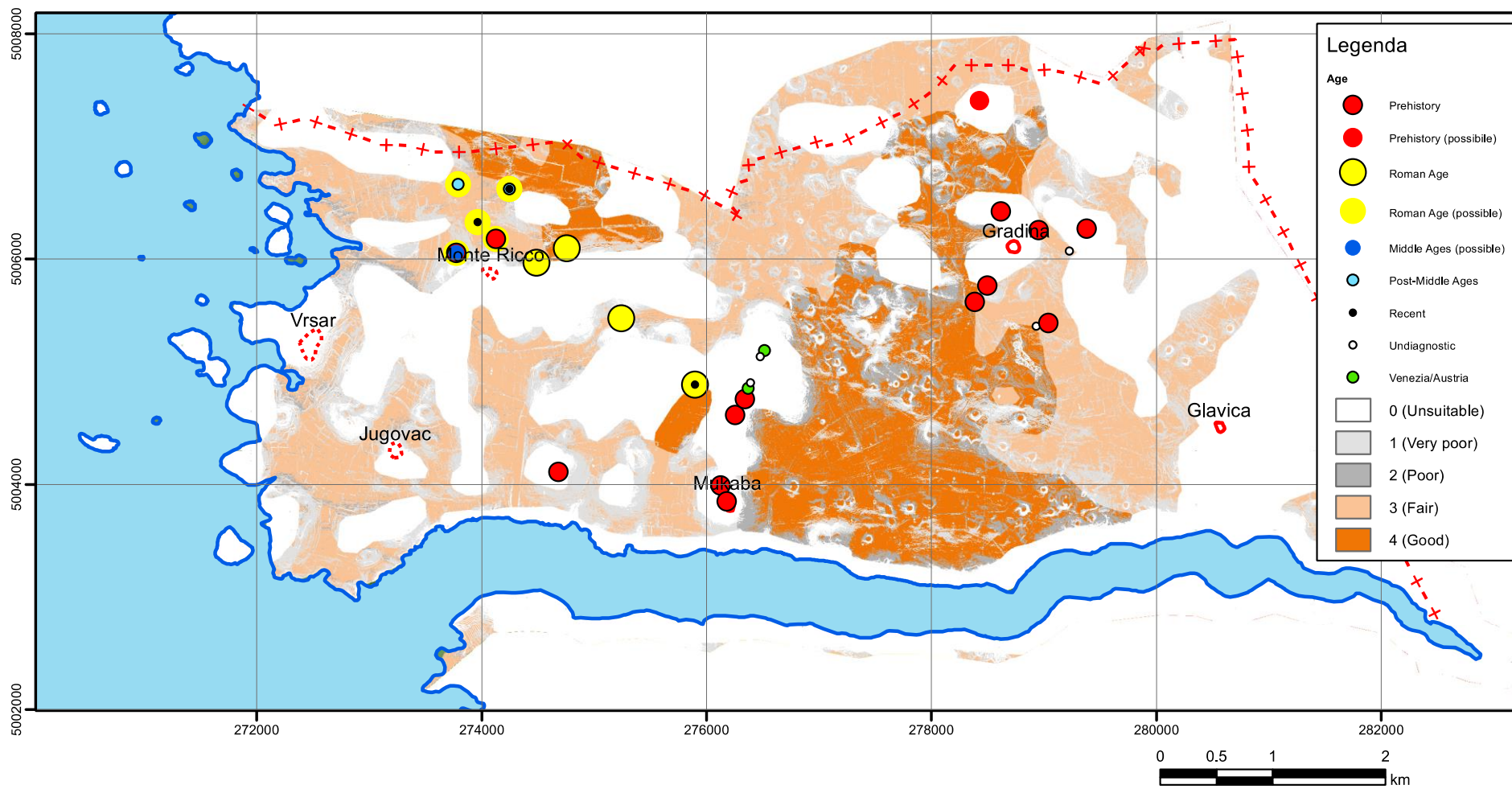
Vrsar Municipality Territory - Grape score and archaeological sites



Comparison between areas fit for grape growing and distribution of archaeological sites.

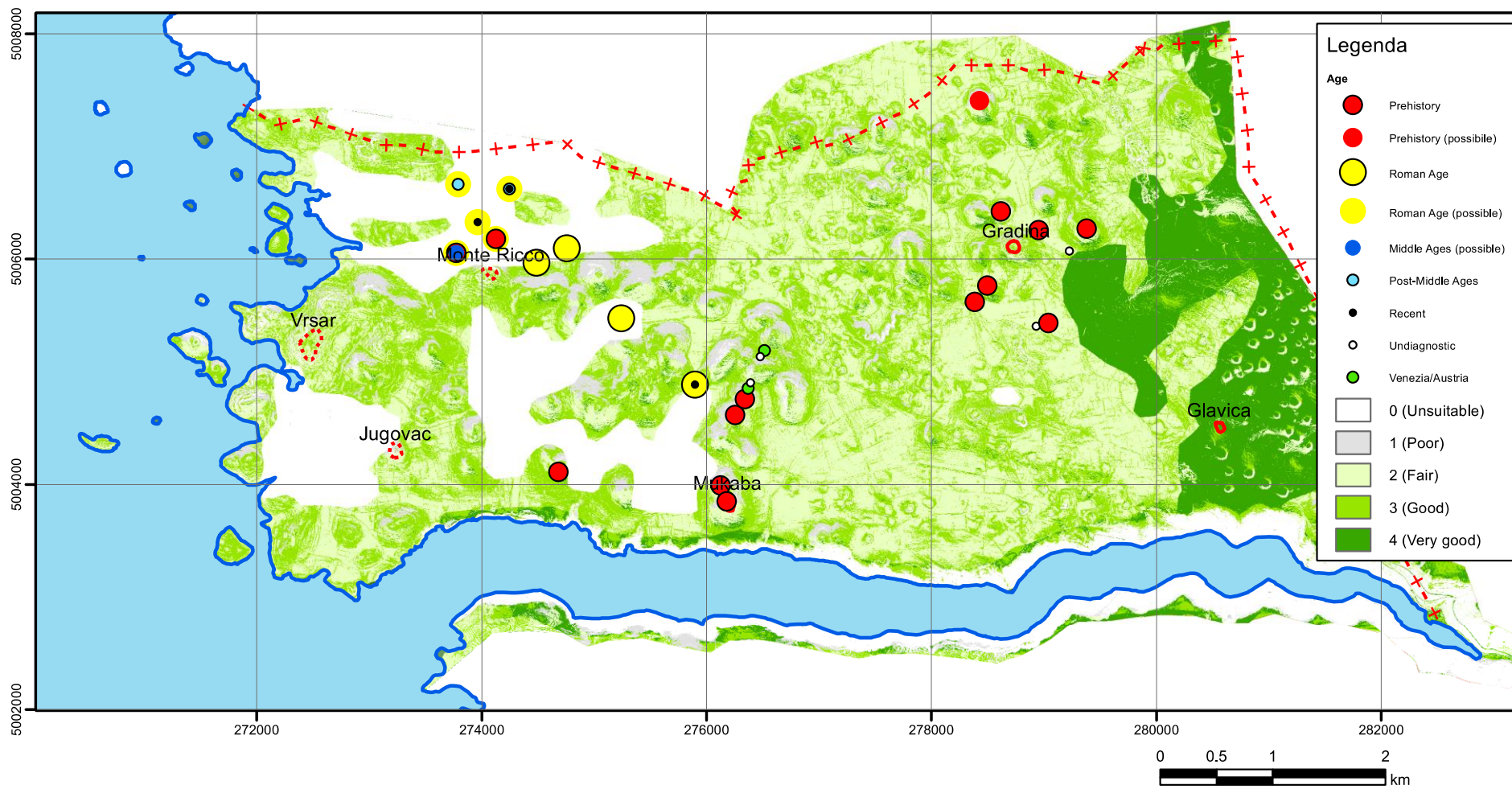
RAT - ROPH PROJECT

Vrsar Municipality Territory - Cereals score and archaeological sites

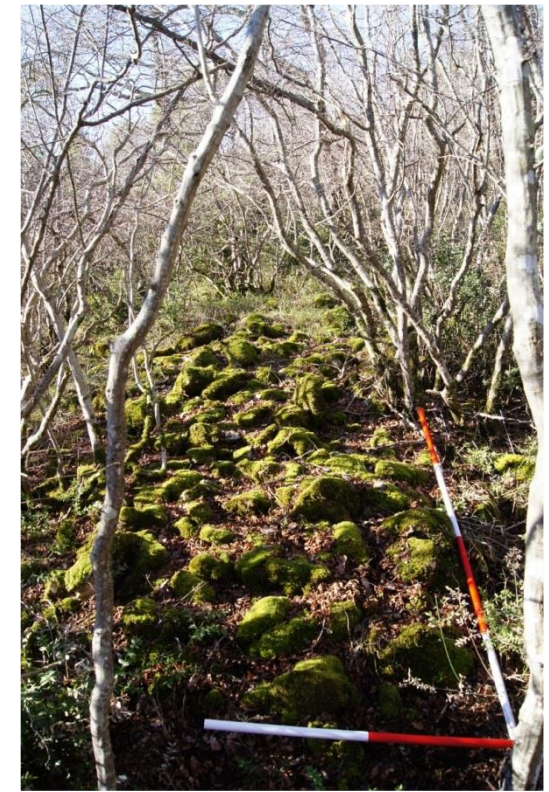
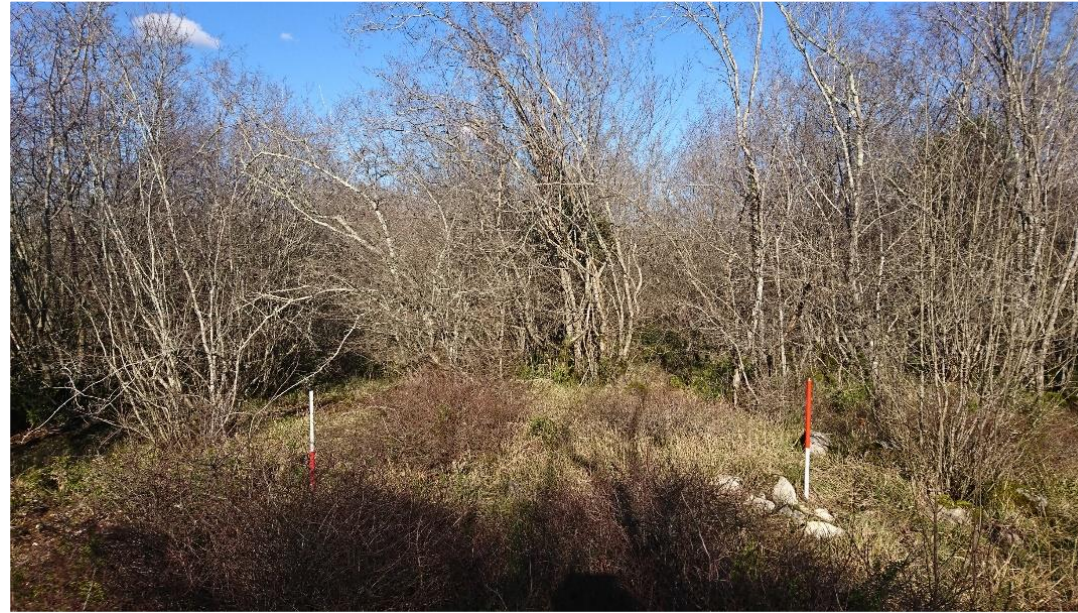


RAT - ROPH PROJECT

Vrsar Municipality Territory - Olive score and archaeological sites

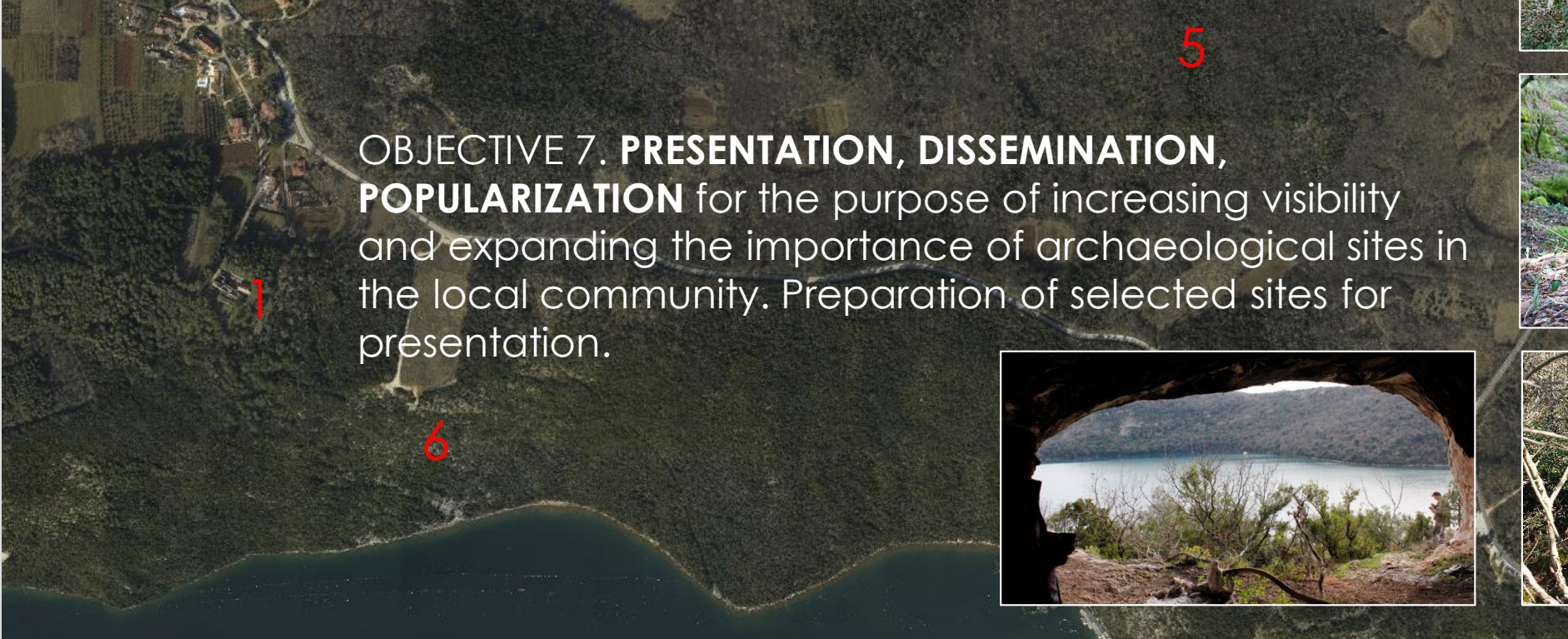


OBJECTIVE 4.
EVALUATION and
determination of the
state of preservation of
the archaeological
record and the
presentation and/or
research potential of
sites.



OBJECTIVE 5. The
development of a
system of continuous
monitoring of
archaeological
heritage and
landscape for the
purpose of heritage
maintenance and
PRESERVATION.





4



5

OBJECTIVE 7. **PRESENTATION, DISSEMINATION, POPULARIZATION** for the purpose of increasing visibility and expanding the importance of archaeological sites in the local community. Preparation of selected sites for presentation.

