

## Beneath the Palace of Knossos: preliminary results



**CAA NL-D, Münster:**  
**'Behind the scenes: new developments in archaeological remote sensing and geophysics'**  
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# Beneath the Palace of Knossos: preliminary results

## Introduction

Why  
Knossos  
Neolithic

## Geophysics

GPR (GTFrontline)  
GPS  
Natural Potential

## GIS

Layers  
Topographic errors  
2D/3D

## Interpretation

Geophysics vs Testpits  
what works and what not  
and why not?

## Future



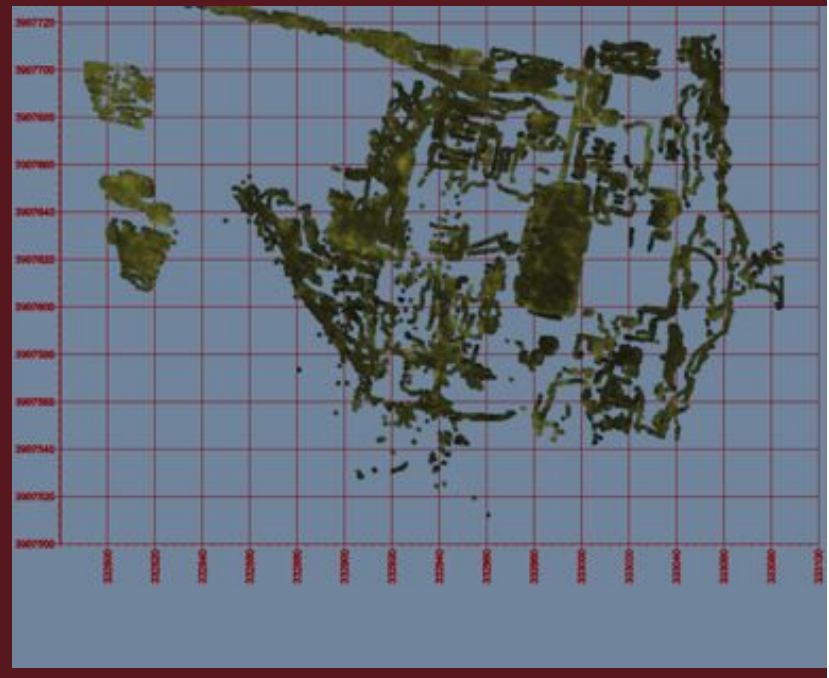
## Beneath the Palace of Knossos: preliminary results

### Why?

Archaeological value: answering scientific question on subsurface

Methodological value: GPR in clayey soil

Preservation value: management of the archaeological site for future preservation and presentation



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Knossos



Arthur Evans

North Passage



Roman coin from Cnossus

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Knossos  
Neolithic



Front and side-views of baked clay figurine from 'aceramic' level, Sounding X.  
Carinated bowl, encrusted with red ochre.

JD Evans, PPS 37, 1971, plate III

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**Future**

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With many thanks to Dick van de Roest (CEO GTFrontline and developer of the GPR)