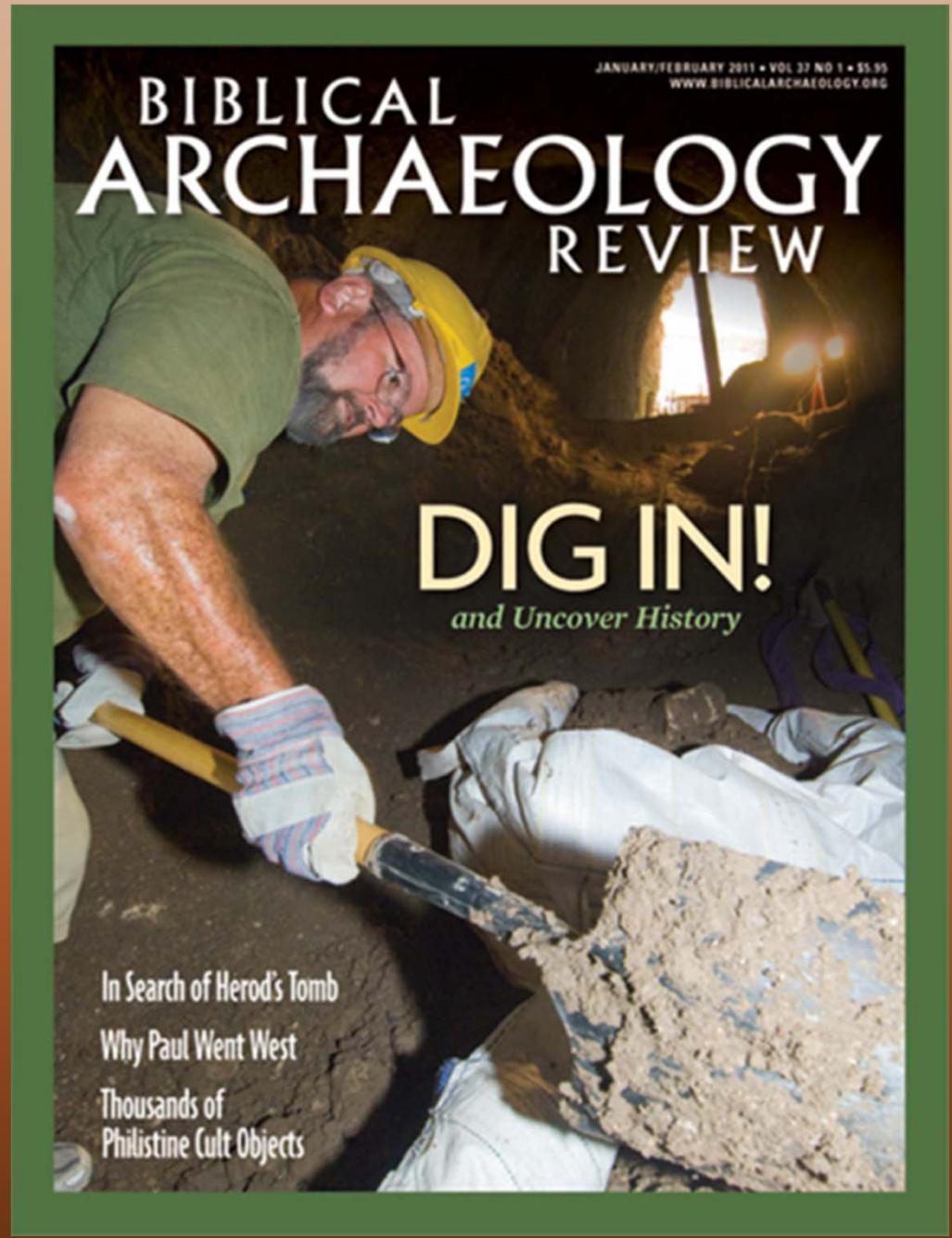


Gezer Water System Results from the 2010-12 Seasons

Daniel Warner, PhD
Associate Professor of OT and
Archaeology
Don and Helen Bryant Chair of
Archaeology
New Orleans Baptist Theological
Seminary, Orlando FL



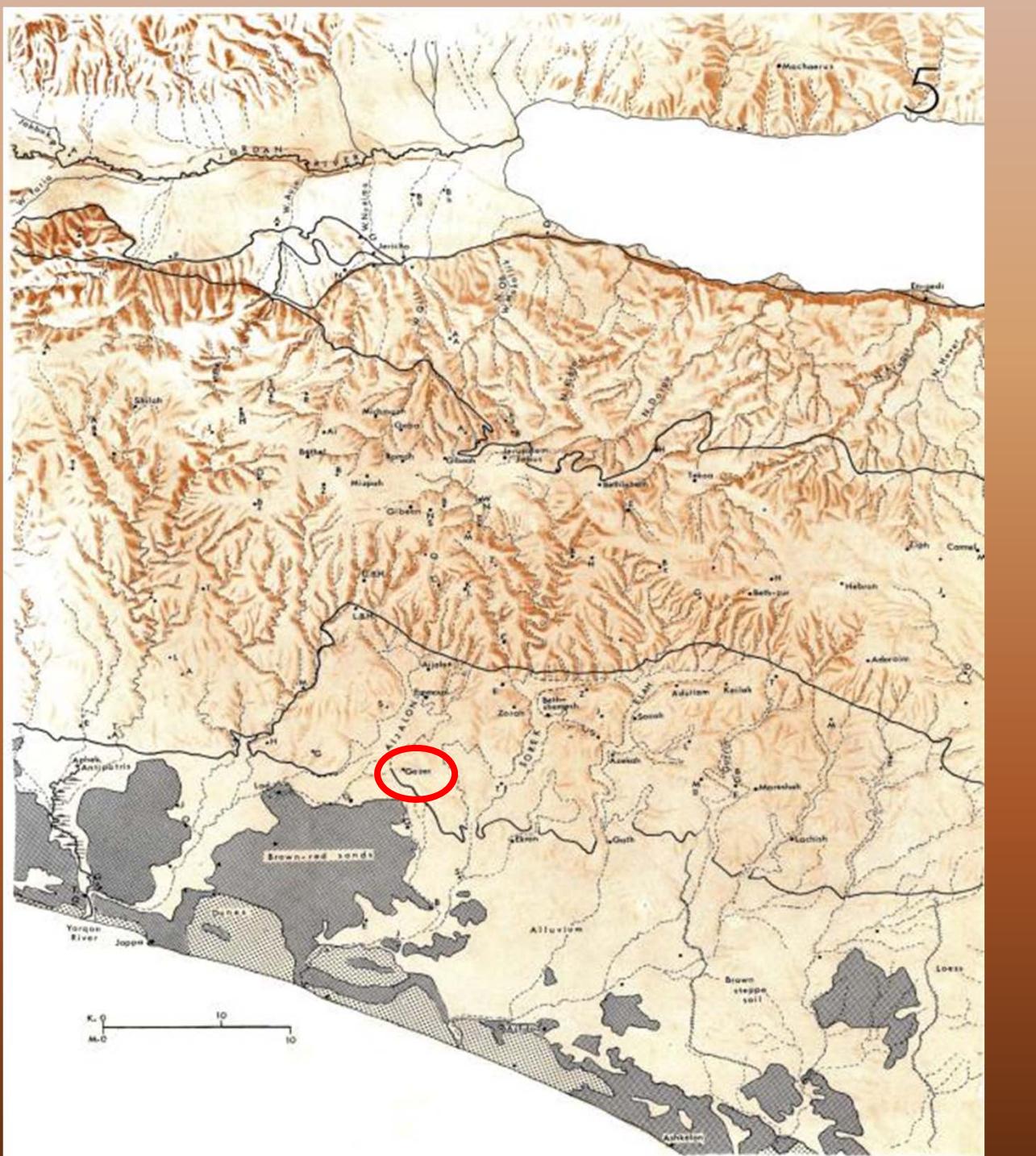
Sponsored by:



Excavation Objectives

- 1. Gain a better understanding of the system's design and function**
- 2. Compare this system to others found in Israel and the ANE**
- 3. Ascertain if possible a date for the system**
- 4. Determine if there is any exit from the system**
- 5. Begin to open the system to the public**

Location of Gezer



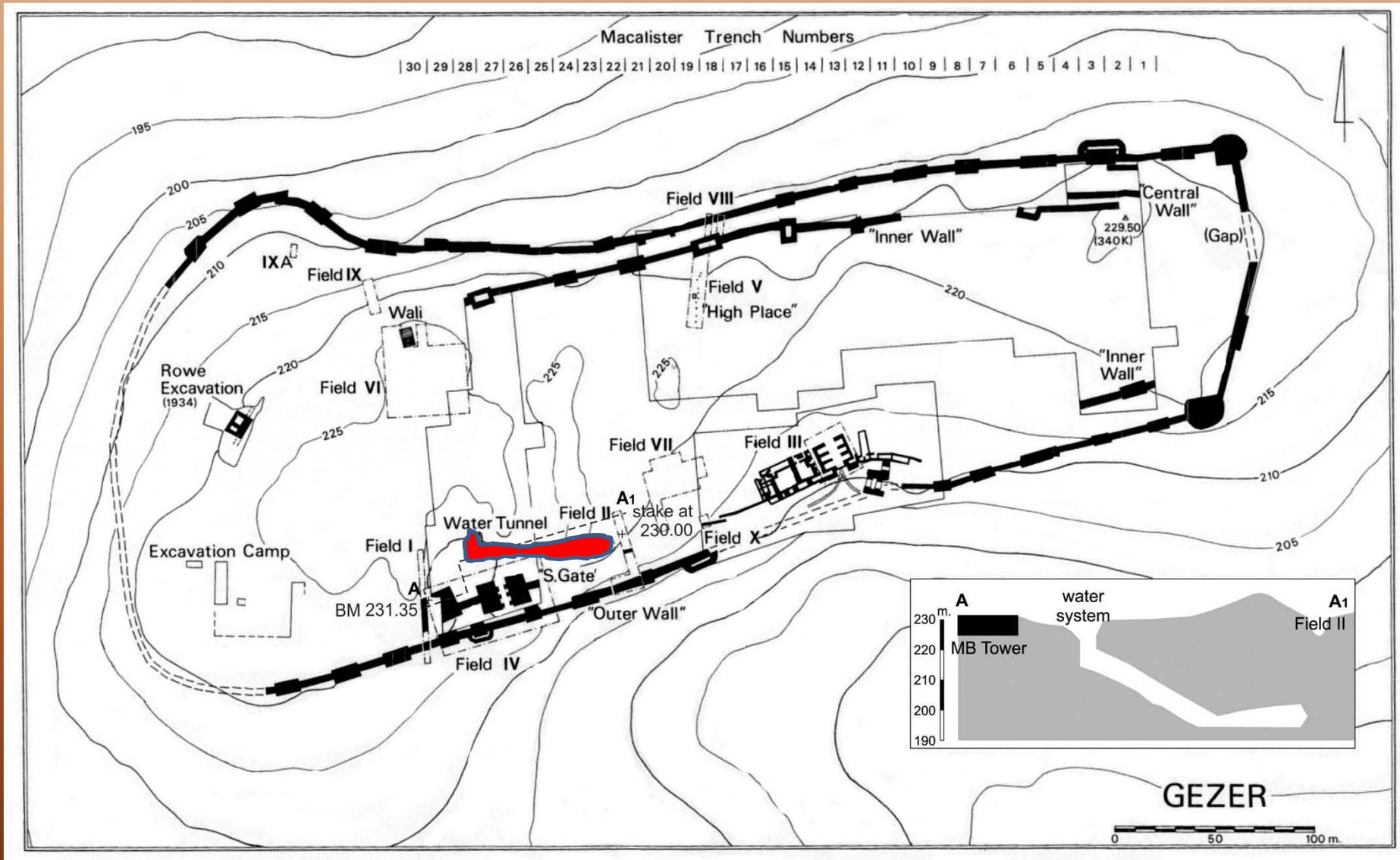


Tel Gezer

Looking West



Location of Water System







Three Segments:

1. Keyhole shaped entrance

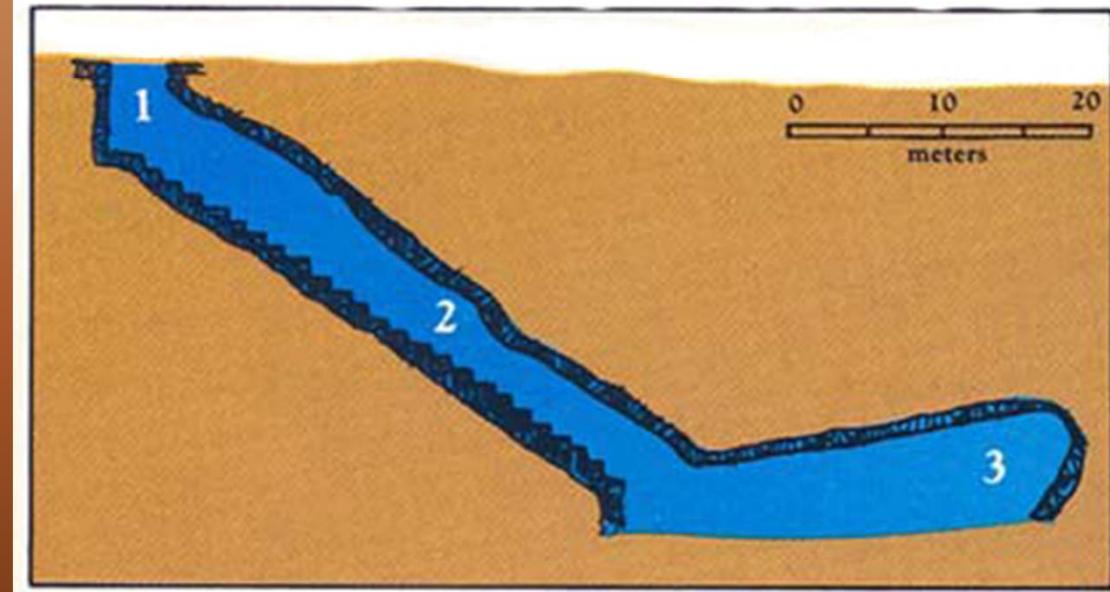
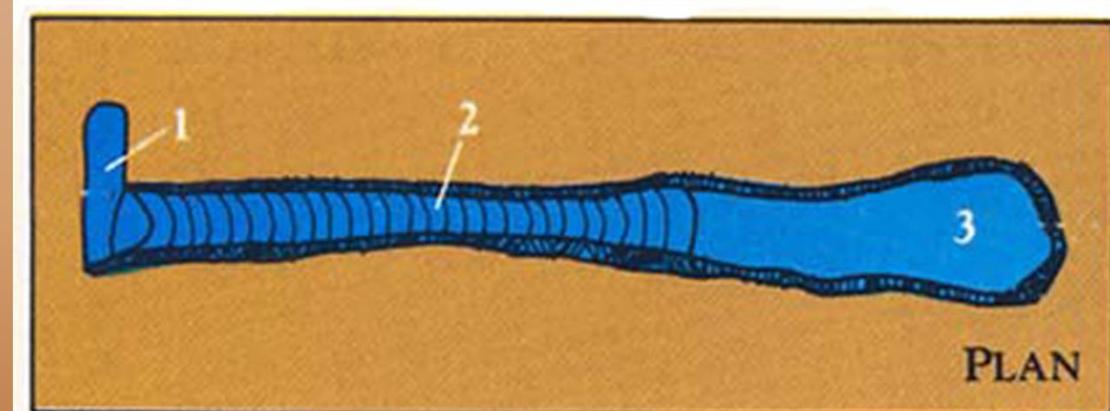
- 10.5m in length
- 2.3 to 4.5m in width
- 8.3m deep w/ steps

2. Stepped & Sloping Water Shaft/Tunnel

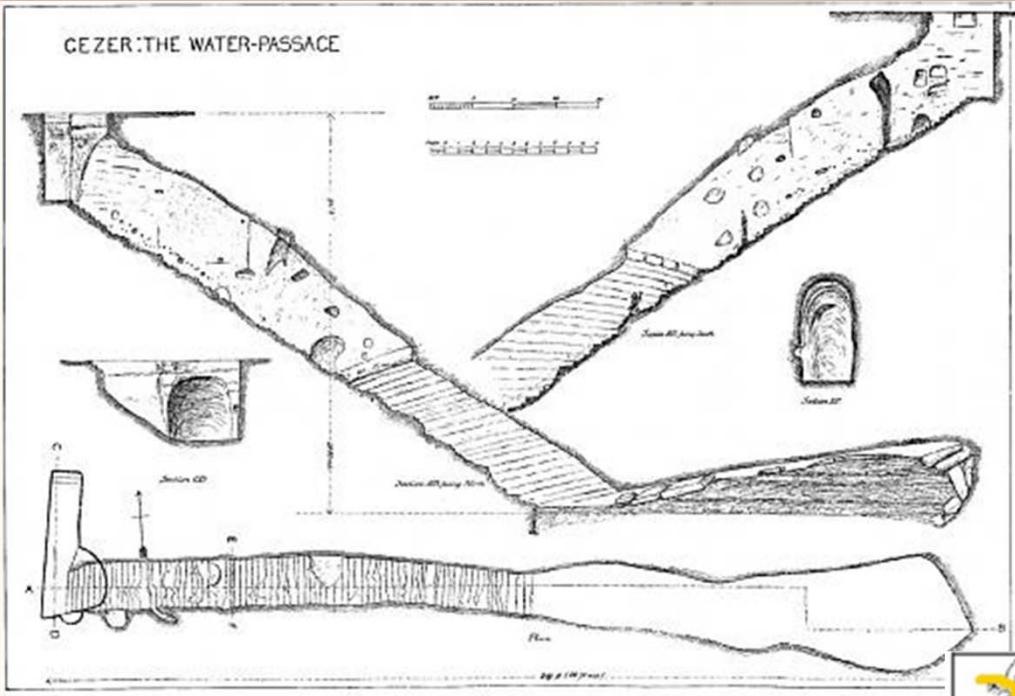
- Gradient - 39°
- Length - 40m, (140 ft.)
- Height - 7.5m
- Width - 4m
- Steps – 80

3. Cavern

- Length - 25m
- Width - 8.75m



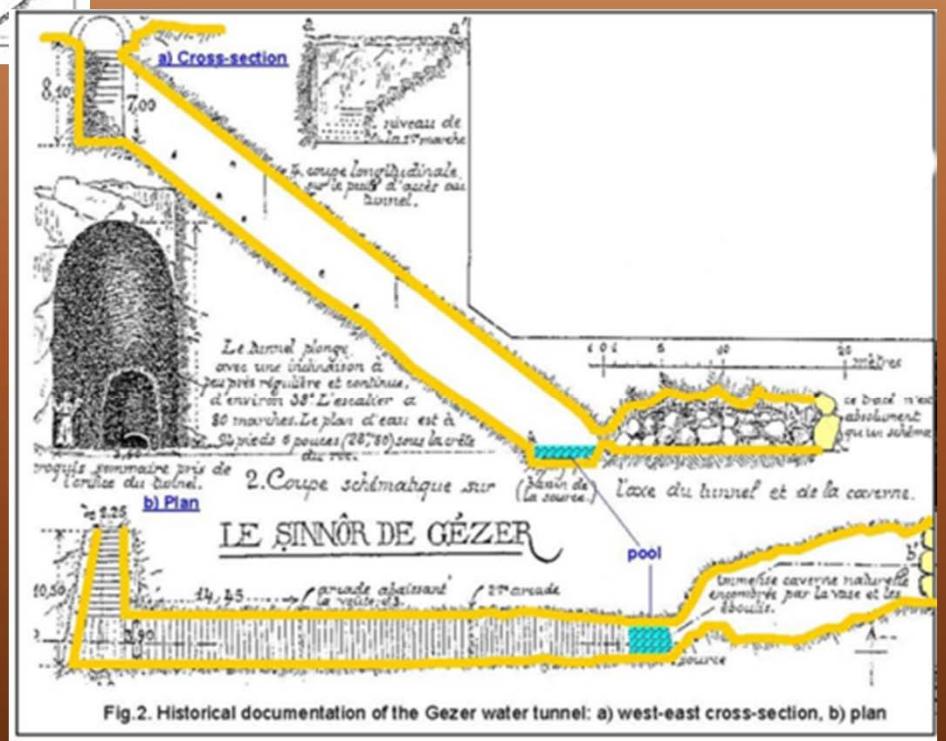
CEZER: THE WATER-PASSAGE

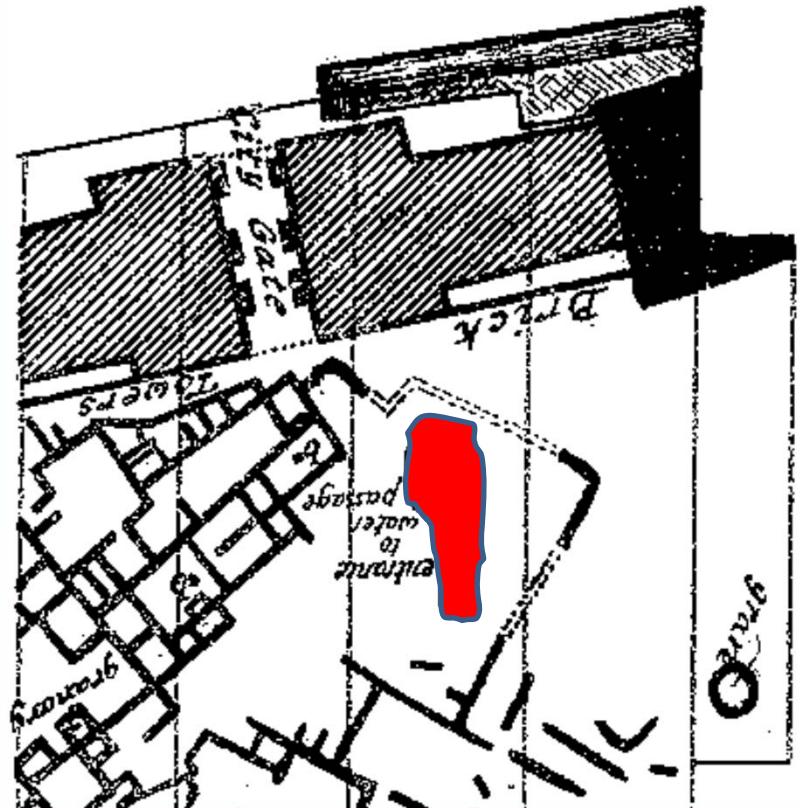


Comparison of Drawings

Macalister

Vincent





Macalister's Dig
1905

Keyhole Shaped Entrance

Note relationship to the MB Gate

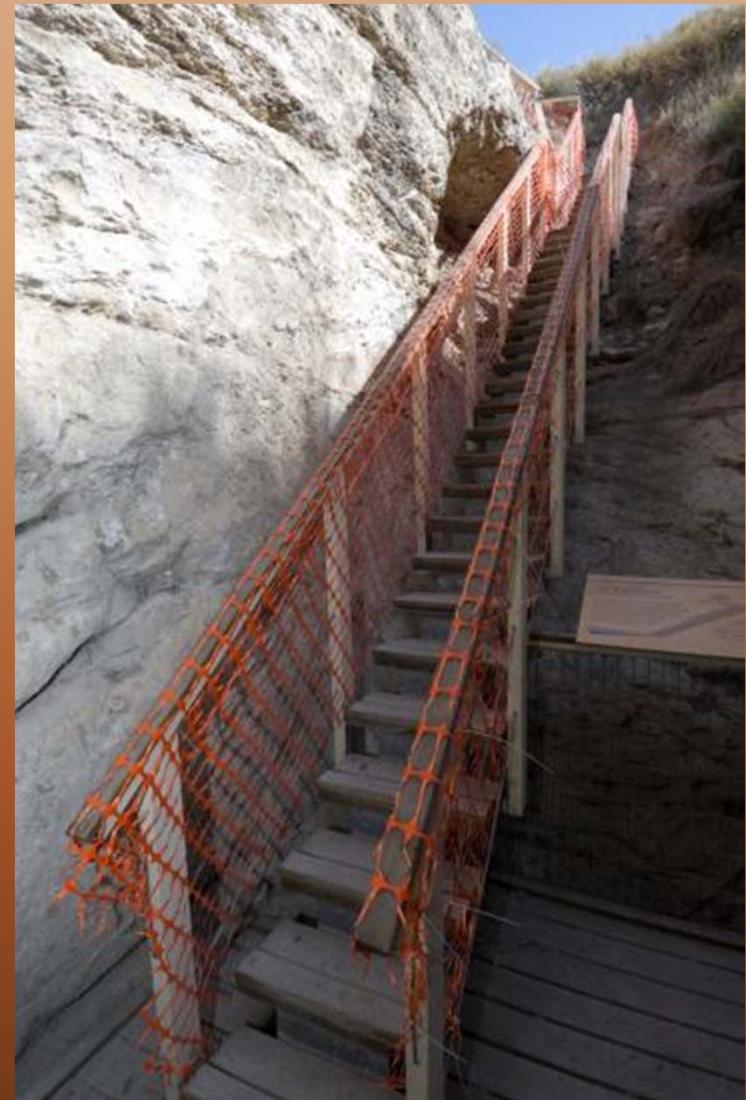


Looking South





Key Hole Shaped Entrance

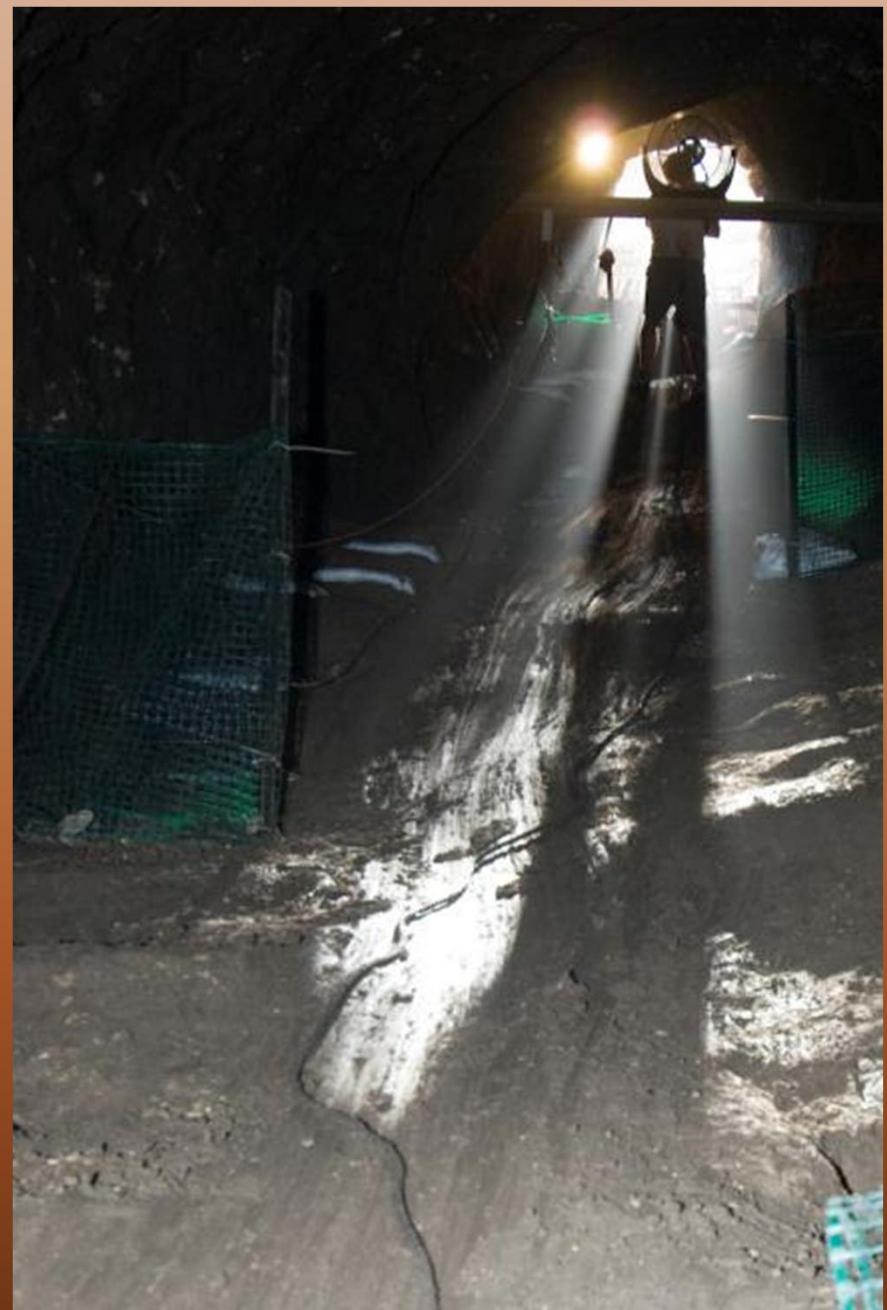


Water Shaft/ Tunnel



System Before Clearing





Daily Operation



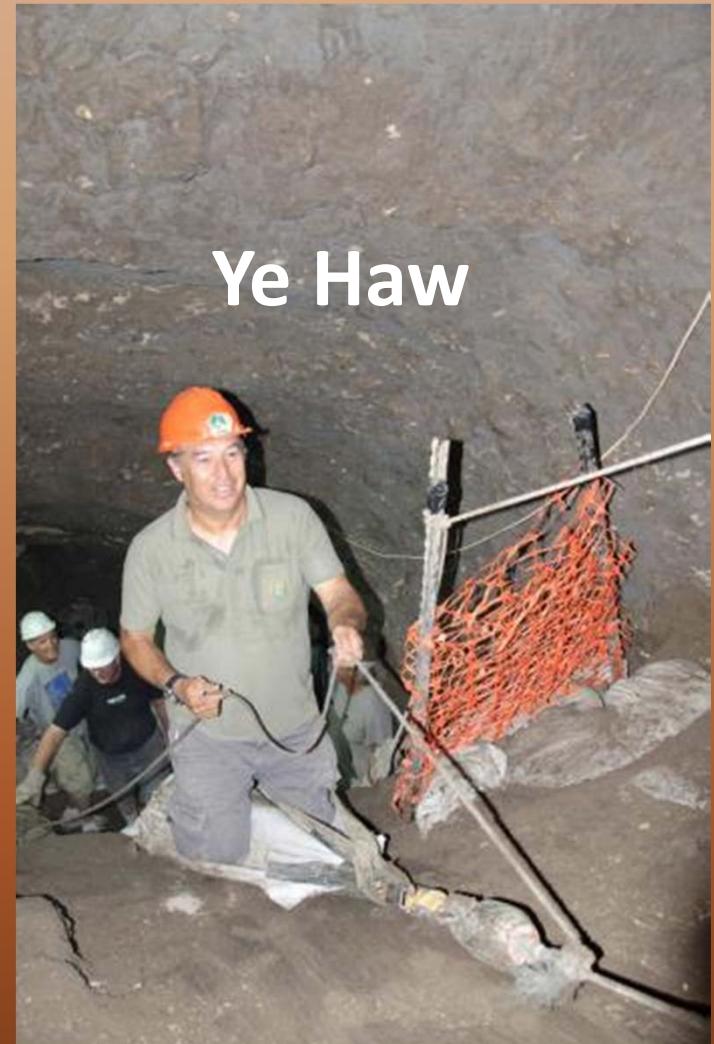
Filling Bags



Hauling Bags UP & Out



To date
2,265 Bags (439 tons)
of Debris
& other things hauled out?



Hoisting Operations





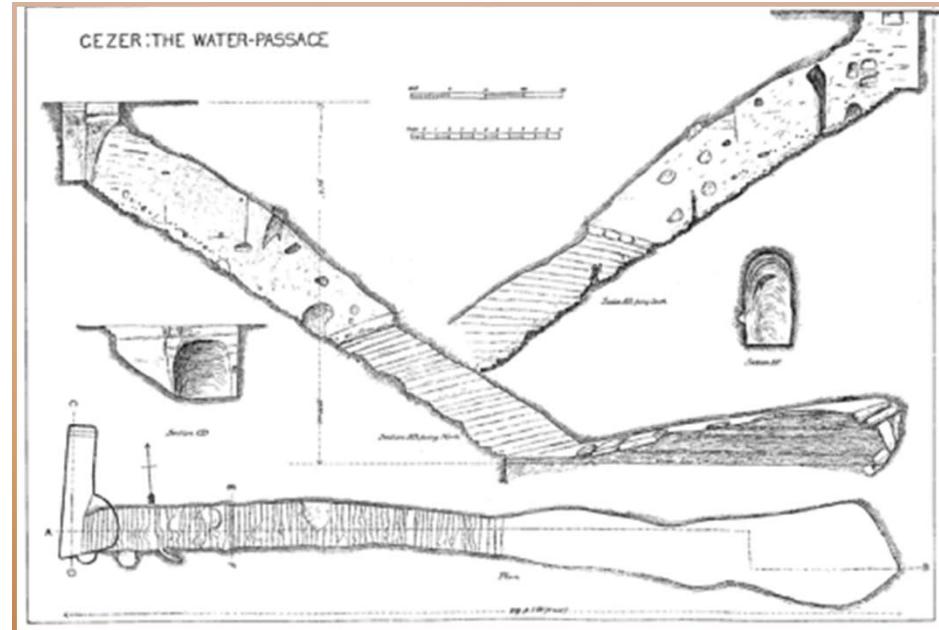
Crane Operation





Sifting Operation





Water Shaft Architectural Features & Design

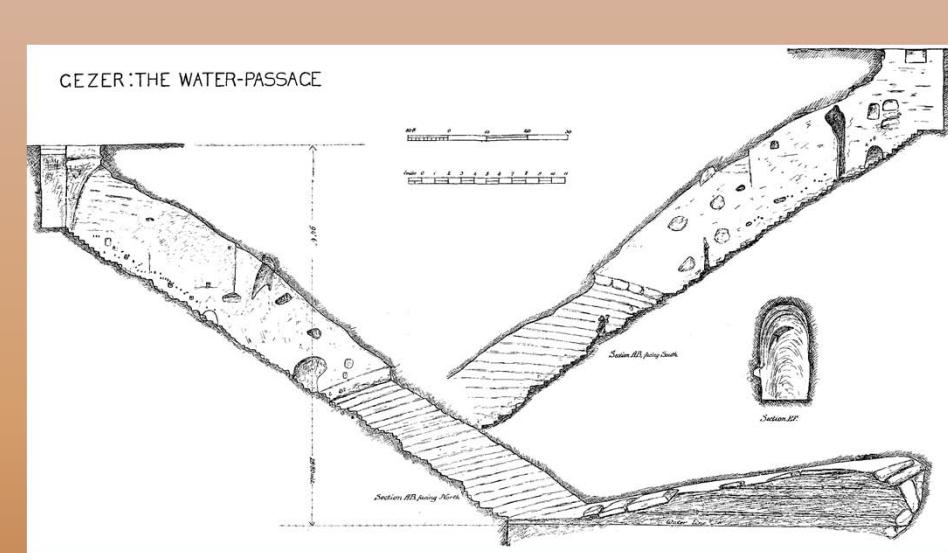
Barreled Shape Roof

**Sides Well Plumbed
and Smooth**

Ornamental Arch

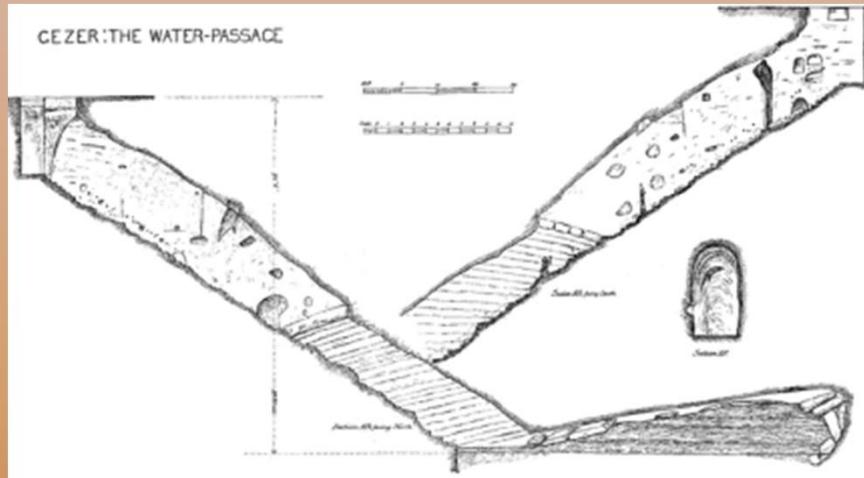






**Second Arch or
Mantle**

CEZER: THE WATER-PASSAGE



Ribbed Ceiling





Steps

Other Rare Finds?



Cultic Niches?

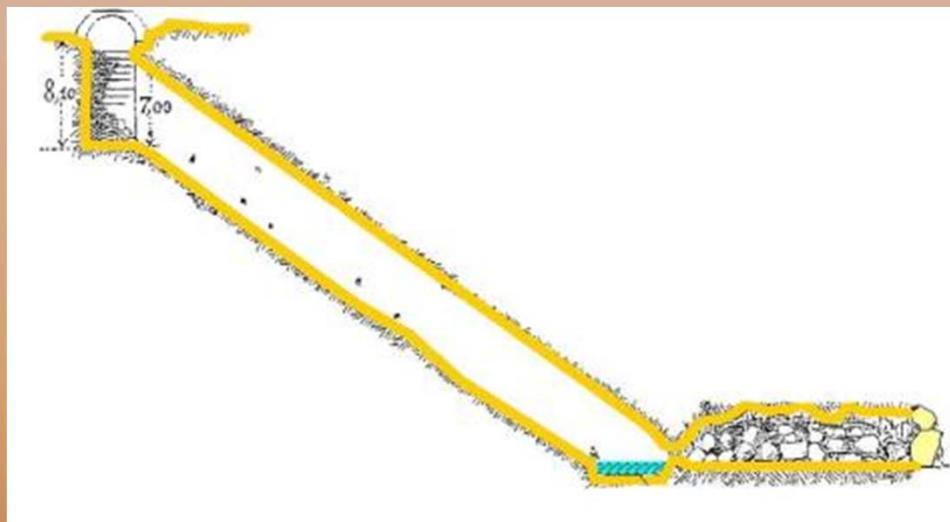






Entrance to Cavern





McAllister's Stone Causeway?



Probe For Water Source





June 13th – Cavern Opens



Probing the Cavern



Nose of the Cavern









**Ceiling Separation
Cavern Nose**



Western Section





Goals For Next Season 2013

- 1. Probe the Cavern**
- 2. Locate the Water Source**
- 3. Continue to Look for Datable Material**
- 4. Open it up to the Public**
- 5. Look for the Light?**



www.nobts.edu/ArchaeologyCenter/
<http://nobtsarchaeology.blogspot.com/>

