

# **Interpreting ancient Maya behavior through soil chemical analyses of activity areas in Chunchucmil, Mexico. (S06-terry172716-Poster)**

## **Authors:**

- T.L.Thomason - *Brigham Young University*
- C.T.Jensen - *Brigham Young University*
- R.E.Terry - *Brigham Young University*

## **Abstract:**

We examined the soil chemical signatures of activity areas in the ancient Maya city of Chunchucmil, Mexico. Soil chemical tests involved extraction of phosphorus using the Mehlich II method and also analysis of heavy metals using the DTPA extraction method. Through the use of soil chemical analyses we identified kitchen middens, food processing areas, and workshops.

## **Corresponding Author Information:**

Richard Terry	phone: 801 422 2283
Brigham Young University	fax: 801 378 2203
259 WIDB, BYU	e-mail: richard_terry@byu.edu
Provo, UT 84602	

## **Presentation Information:**

Presentation Date: Wednesday, November 13, 2002  
Presentation Time: 1:30-3:30 pm  
Poster Board Number: 2016

## **Keywords:**

Soil archaeology, Phosphate, Heavy metals, Ancient Maya