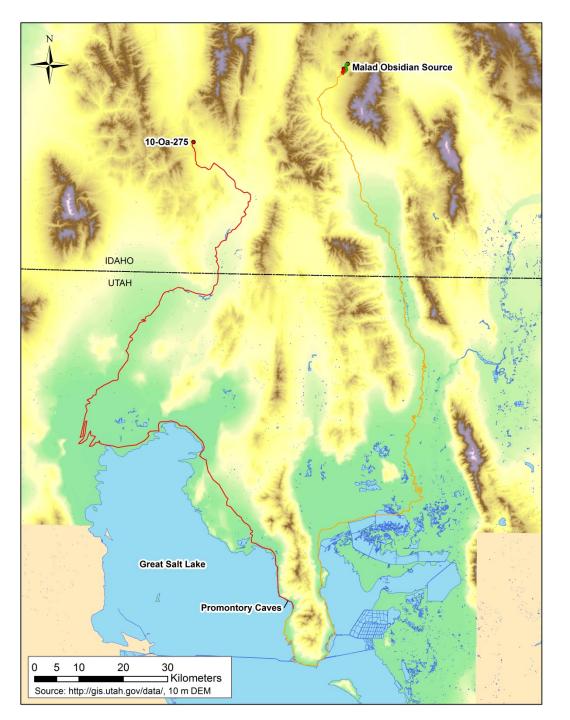


Cave 1 was formed by wave action during the high stand of pluvial Lake Bonneville ~17-20,000 years ago

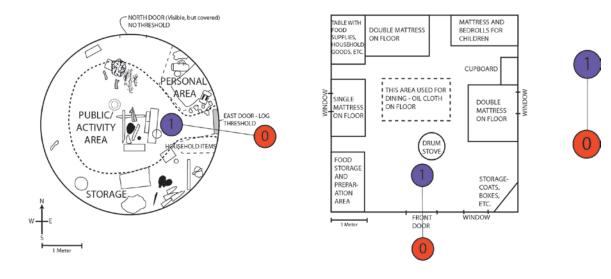


## **Least Cost Path**

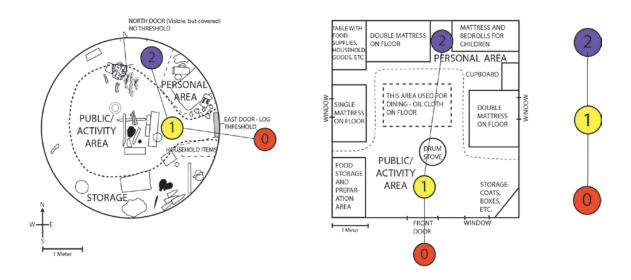
 GIS analysis that predicts pathways to Promontory Cave from the north, using known Promontory sites and raw material sources as origin points





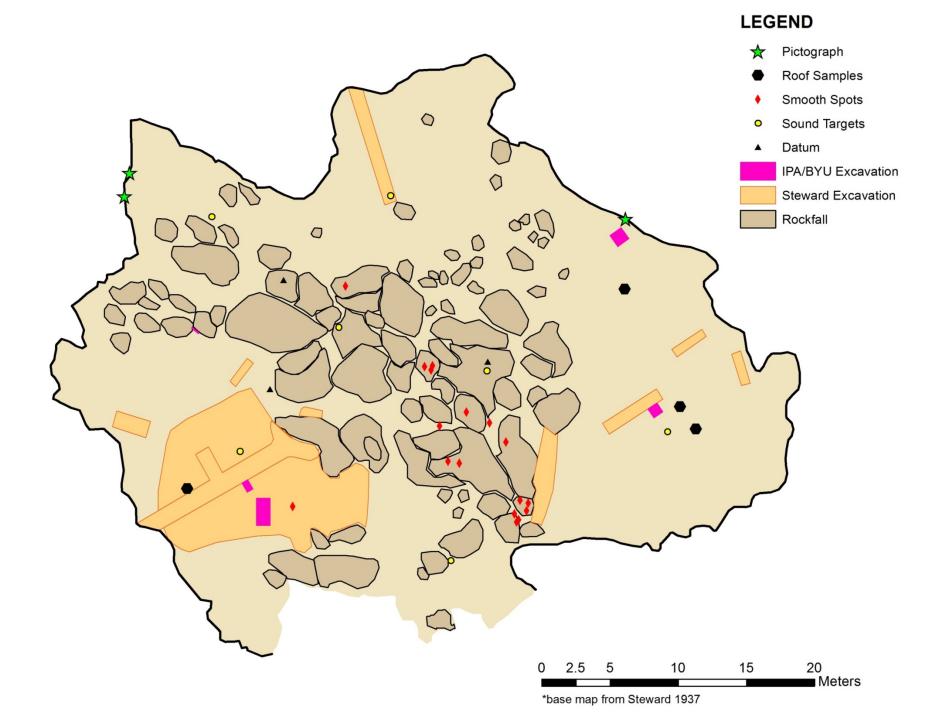


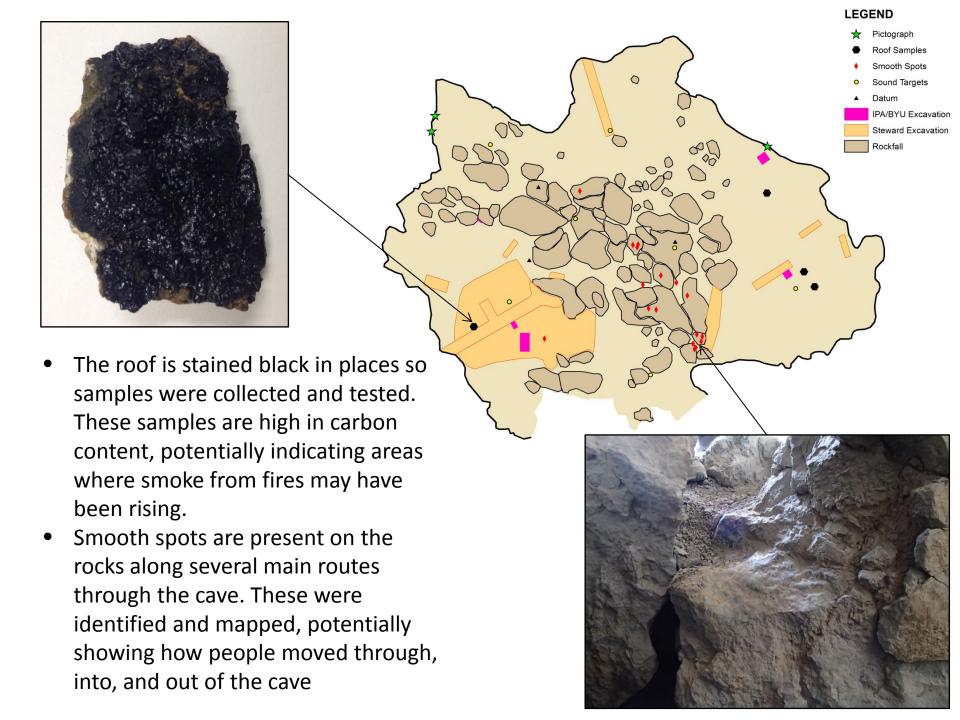
Space syntax analysis on Athapaskan conical lodges and cabins based on physical barriers. (Floorplans from Janes 1983)



## Space Syntax Analysis

 Looking at dwellings of western North American huntergatherer groups and Cave 1 from a space syntax perspective, for comparison









3D laser scanning Promontory Cave 1 by M2 Technical Services Inc.

## 3D Modeling of Promontory Cave 1 using point cloud data

