



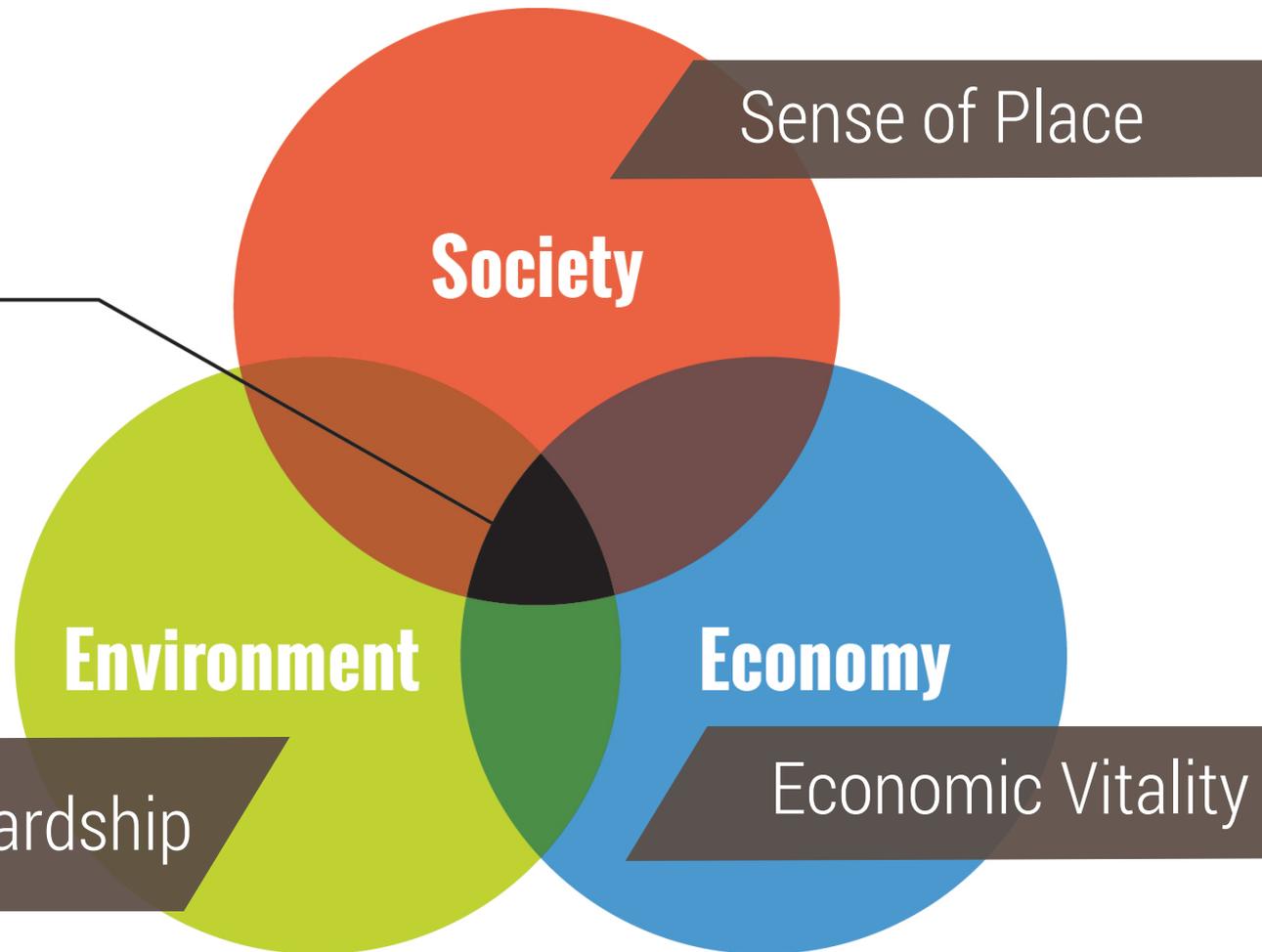
# CITY OF SCOTTSDALE MCDOWELL SONORAN PRESERVE

CULTURAL RESOURCES MASTER PLAN

# *Benefits of Preservation*

## **Sustainability**

Historic Preservation  
& Archaeological Sites



Sense of Place

**Society**

**Environment**

**Economy**

Economic Vitality

Environmental Stewardship

# *Cultural Resources Management*

- Identification and Evaluation
- Designation
- Treatment



# *Treatment*

- Preserve Sites in Place
- monitor sites to document changes and threats



# *Treatment*

- Restoration
- Rehabilitation of Impacted Resources



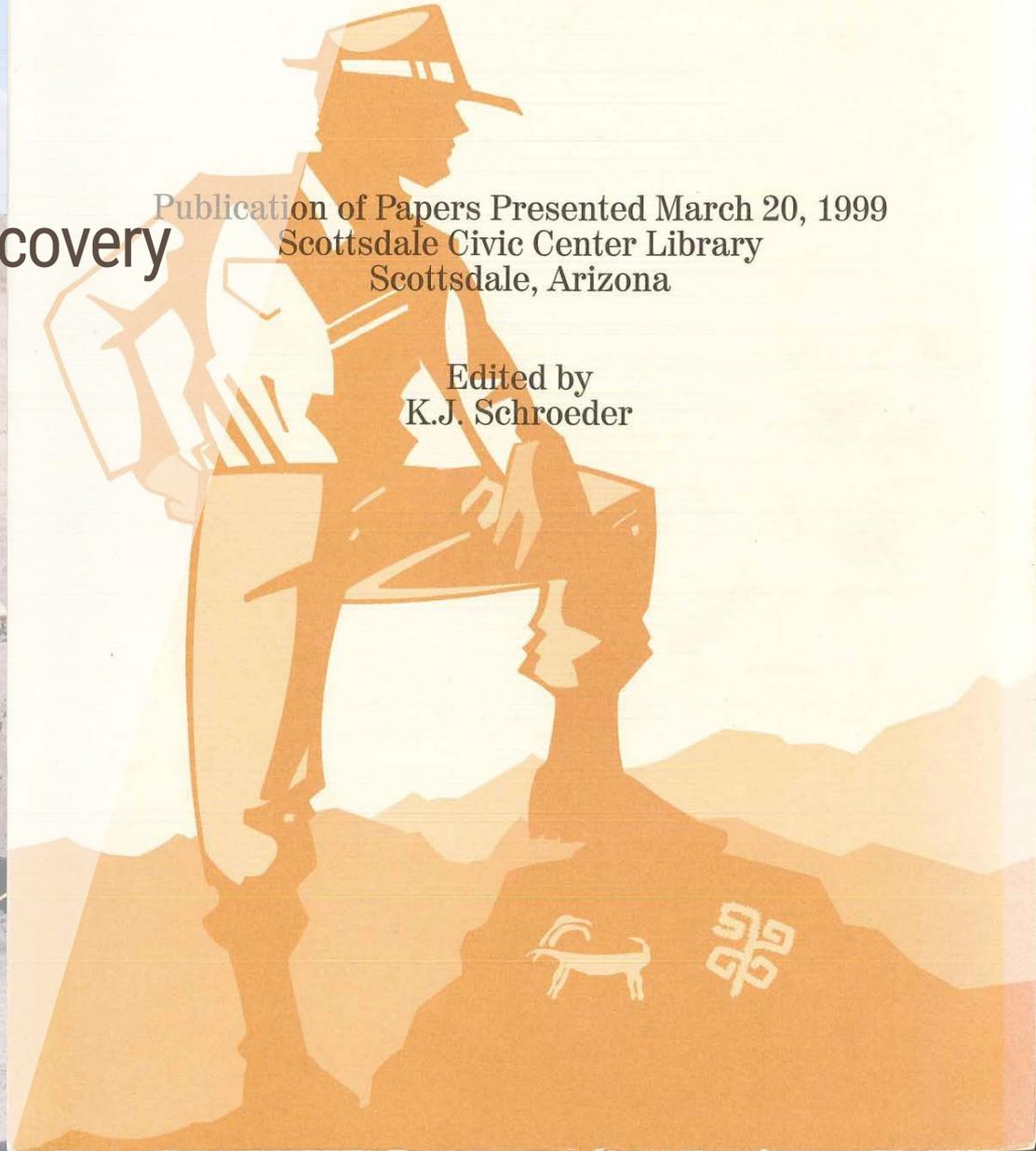
# *Treatment*

- Archaeological Data Recovery
- Research

## McDowell Mountains Archaeological Symposium

Publication of Papers Presented March 20, 1999  
Scottsdale Civic Center Library  
Scottsdale, Arizona

Edited by  
K.J. Schroeder



# Treatment

- Interpretation
- Education

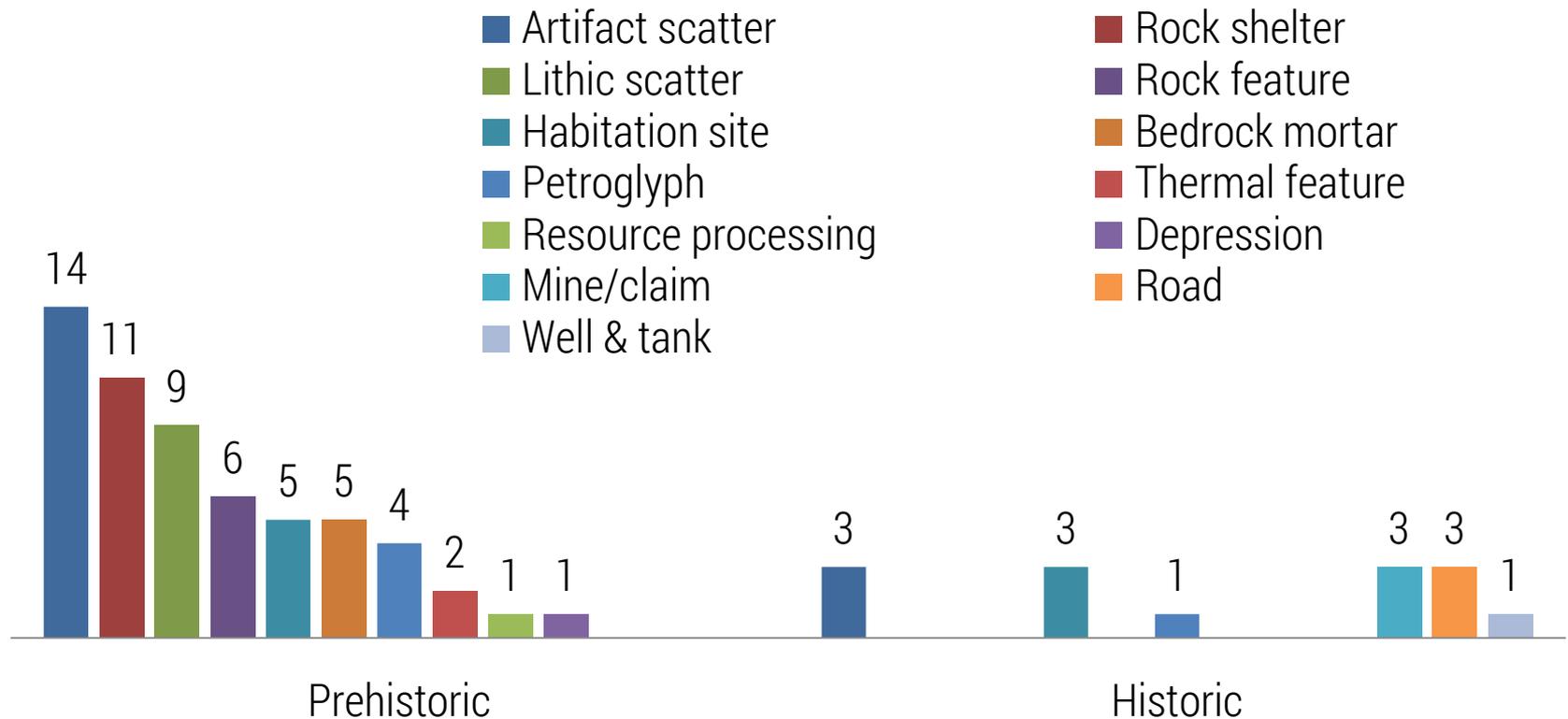


# *Reconstruction*



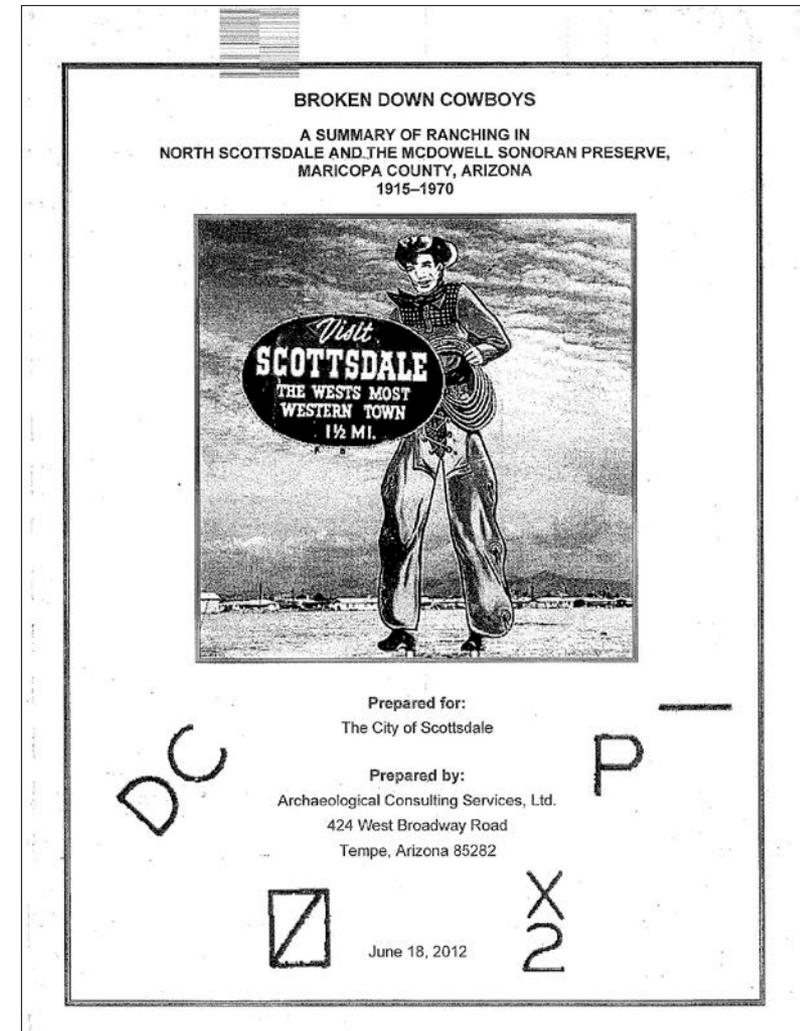
# *The Preserve's Cultural Resources: Archaeological Sites*

Archaeological site types identified within the Preserve:



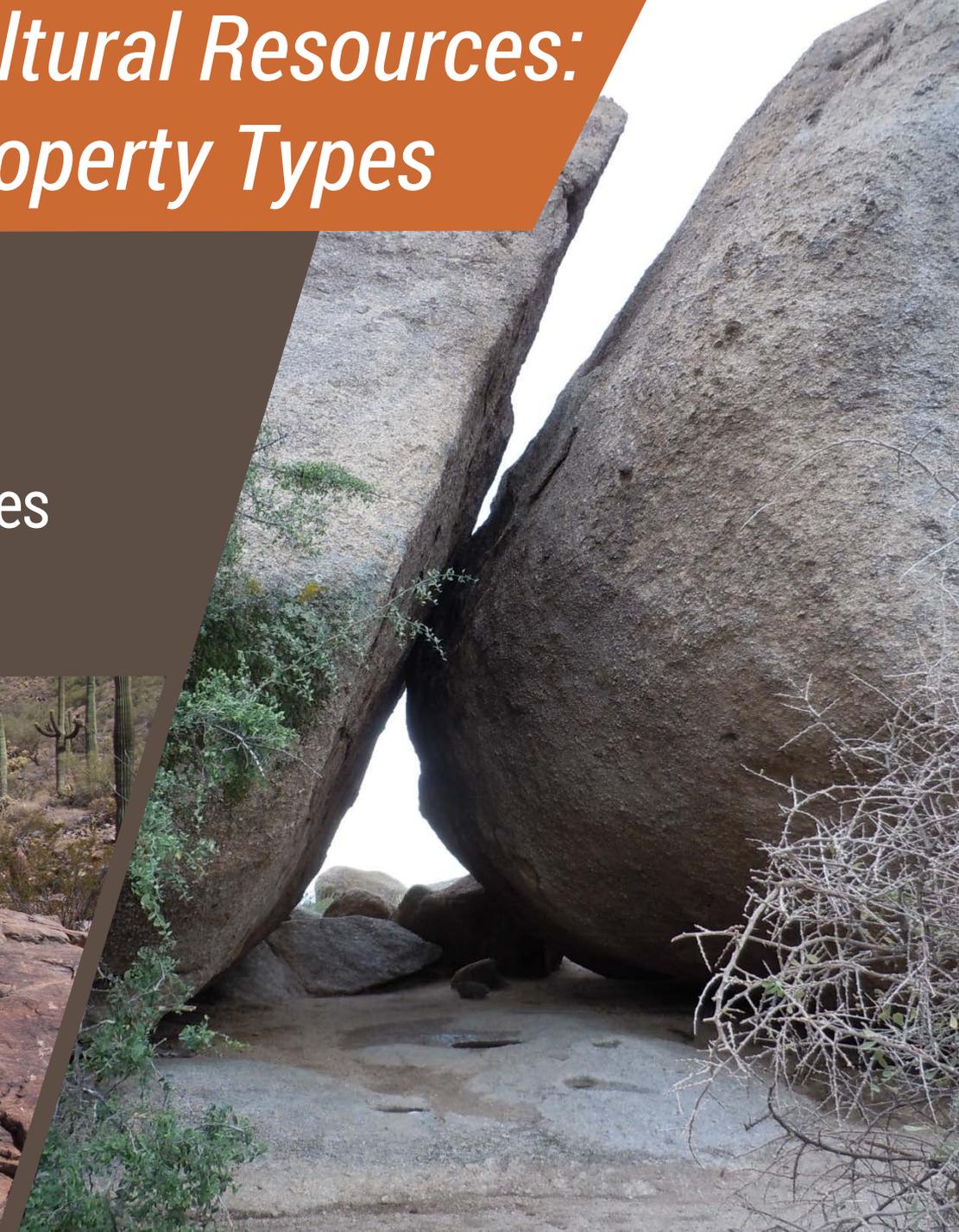
# *The Preserve's Cultural Resources: Existing Historic Contexts*

- **State-wide & local contexts:**
  - Gold & Silver Mining
  - Prehistoric Water Utilization & Technology
  - Homesteading (1870-1940)
  - The U.S. Military
  - Rock Art
  - Historic Trails
  - Prehistoric to Historic Transition Period (1519-1692)
  - Paleoindian & Archaic Sites
  - Cattle Ranching
- **Contexts specific to the Preserve:**
  - Ranching in North Scottsdale
  - Rock Art in the McDowell Mountains
  - Ancient Peoples in Scottsdale



# *The Preserve's Cultural Resources: Prehistoric Era Property Types*

- Artifact scatters
- Rock art (petroglyphs)
- Large habitation villages
- Rock shelters

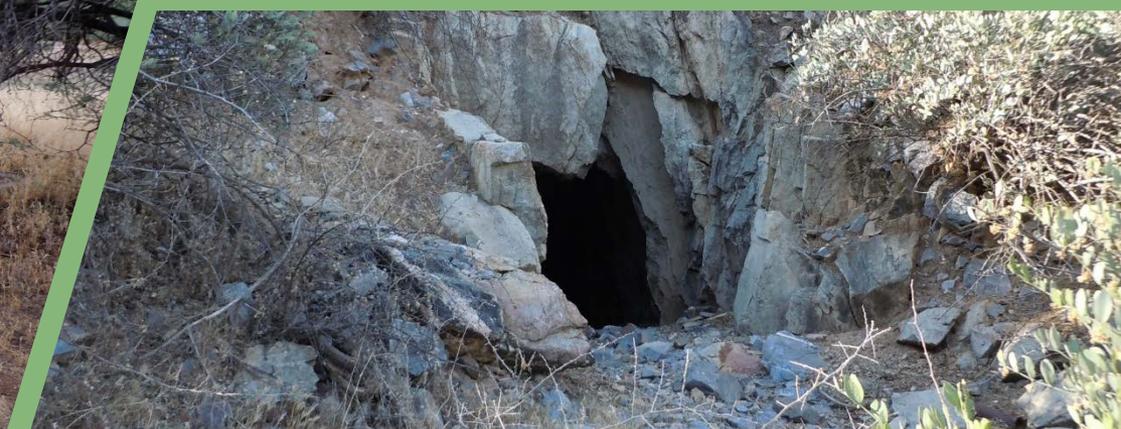


# The Preserve's Cultural Resources: Prehistoric Era Property Types

Research Domain	Questions
Chronology	What are the ages of the features? What is the duration of occupation or site use? Is there a temporal gap in the occupation?
Site Boundary	Can the existing site boundary be redefined? How does the new boundary compare to the previous <i>boundary</i> ?
Site Function	What classes of features are present and what activities do they represent? What evidence exists for specific residential and/or activity areas?
Irrigation	Are canals present? What is the capacity of the canals and did the Hohokam ever build canals? Are gates (tapons) in main canals present?
Settlement Patterns and Community Organization	What were the spatial associations among features and surrounding open space? Did the spatial associations change over time?
Subsistence and Land Use	What resources were exploited at the site? What is the frequency and distribution of agricultural, floral and faunal remains at the site?
Production, Interaction, and Exchange	What is the temporal and spatial association of non-local raw materials and craft objects? What artifact types or classes indicate interaction and/or exchange within the same cultural group(s)?
Mortuary Practices	Can an individual's roles, social position (horizontal or vertical structures), and/or belief systems be recognized from mortuary practices? Are gender, age, status and corporate group membership correlated with an individual's roles, social position or belief systems?
Iconography and Religion	Are ritual objects and/or images present that inform about religious activities or beliefs? Are certain feature types correlated with particular images or designs?

# *The Preserve's Cultural Resources: Historic Period Archaeological Sites*

- Military history
- Mining history
- Ranching history
- Transportation
- Homesteading/Habitation



# *The Preserve's Cultural Resources: Historic Period Archaeological Sites*

Research Domain	Questions
Chronology	What are the ages of the features? What is the duration of occupation or site use? Is there a temporal gap in the occupation?
Site Function	What does the archival evidence suggest was the primary use/function of the site? What other activities were likely present?
Irrigation	Were there canals in operation? What was the capacity of the canals? Are natural springs available? Was dry farming attempted?
Settlement Patterns and Community Organization	How are sites or features spatially arranged across the landscape? How are sites structured internally? What elements of ranches, homestead, mines, or settlements are present?
Subsistence and Land Use	What resources were exploited at the site? What is the frequency and distribution of agricultural, floral and faunal remains at the site?
Production, Interaction, and Exchange	What artifacts are made locally, regionally, state-wide, or are from national or international markets? What brand names, maker's marks, and manufacturing evidence are present on the artifacts?
Material Culture	Are special tool assemblages found in particular parts (work areas) of the site? Can tool kits be identified from the fragmentary remains left at the site?
Ethnicity, Class, and Gender	Are objects present that inform about ethnicity, class, or gender? Are features or artifacts correlated with particular site types?

# *Preserve Recommendations*

- Inventory survey (landscape)
- Integrate site information to GIS database
- Develop guidelines for access and use of site data
- Incorporate Native American perspective
- Nominate Brown's Ranch to local, State and National Registers

# *Preserve Recommendations*

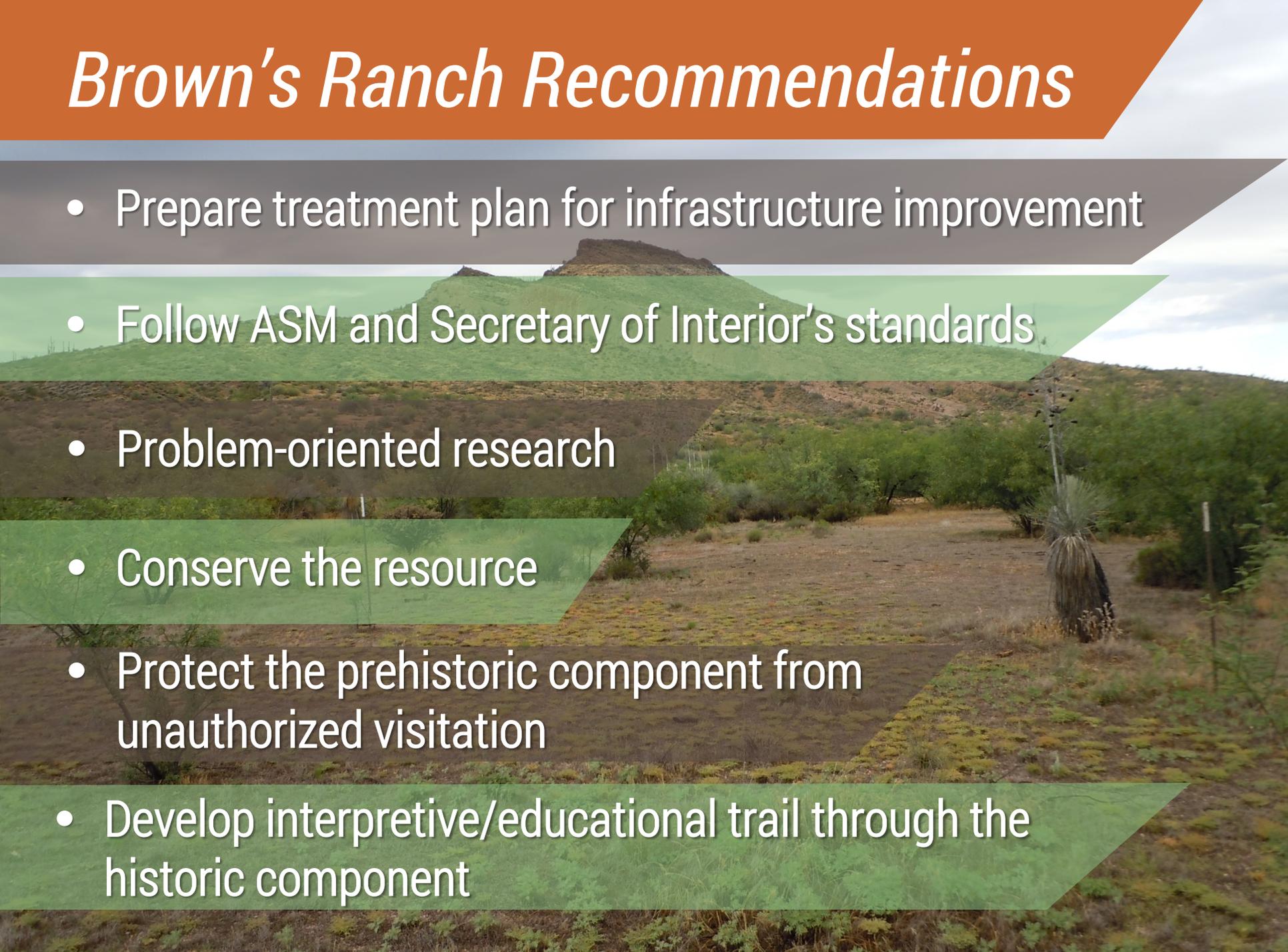
A large, dark rock with several ancient petroglyphs is the central focus. The petroglyphs include a prominent figure with a rectangular body and a head, and other smaller symbols. The rock is set in a desert environment with sparse vegetation and a clear sky.

- Implement volunteer-based stewardship program
- Site avoidance and monitoring
- Stabilization
- Restoration
- Develop protocol for treatment
- Interpretation/education

# *Brown's Ranch Recommendations*

- Mapping the historic component
- Incorporate map into display
- Identify Stoneman's Military Road and provide interpretive information about road
- Monitor the site
- Promote use of the existing educational materials
- Prepare and implement a Trail Maintenance Protocol

# *Brown's Ranch Recommendations*

- Prepare treatment plan for infrastructure improvement
  - Follow ASM and Secretary of Interior's standards
  - Problem-oriented research
  - Conserve the resource
  - Protect the prehistoric component from unauthorized visitation
  - Develop interpretive/educational trail through the historic component
- 
- A photograph of a desert landscape. In the background, a prominent mesa with a flat top rises against a cloudy sky. The foreground and middle ground show a dry, scrubby desert environment with various green and brown shrubs and a single yucca plant on the right. The image is overlaid with semi-transparent colored shapes: a dark orange triangle at the top right, a grey triangle on the left, and several green triangles on the right side, which serve as a backdrop for the text.