Lithic Analysis: An In-depth Look at Surface Collections from the Gehring Site By: Daniel Fletcher Blodgett

# The Gehring Site

#### **Illinois Inventory of Archaeological Sites**





## Hypothesis

#### Chronology

Late Archaic through Mississippian

Main during Middle Woodland

#### Function

- Habitation Site
- Spatial Distribution
  - Middle Woodland throughout
  - Late Woodland and Mississippian confined to central area

### Methods

- Surface Collection
- Analysis and Identification
  - Chert type
  - Thermal alteration
  - Debitage or Tool
  - Diagnostics
- Database Entry
- Spatial Analysis



#### **Total Sample Analyzed**

**Analysis Totals** 



#### **Total Sample Analyzed**





#### **Debitage Results**















#### **Tool Results**





## Diagnostics



#### **Spatial Analysis**



#### Conclusion

- Site use from Middle Archaic through Mississippian, predominately during the Middle Woodland and Mississippian periods
- Habitation site during Middle Woodland and Mississippian
- Middle Woodland and Mississippian Occupations spread throughout

#### Acknowledgments

 I would like to thank Dr. Julie Holt and Dr. Gregory Vogel for their guidance and support.
I would also like to thank Larry Kinsella and Brad Koldehoff for their help in my analysis process. Finally I would like to thank Katie Leslie and James Sanders for their much appreciated assistance in my research.