Prehistoric Lithic Material Distribution along the Upper Greybull River: An Inter-Basin Comparison, Park County, Wyoming

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Environmental Variability

Intensive approach

Using an in-field capture and release program, material type, metric attributes, and tool or debitage type are recorded for each individual artifact. Environmental setting and context are also documented.

Purpose

Detailed site information paired with the continuing acquisition of regional data provides the following opportunities:

- Viewing the cultural record on different spatial scales to search for broad reaching patterns.
- To address issues of how scale might determine interpretation.
- To address multiple factors that influence patterns we see at different scales of analysis.

Raw Material Reference

<table>
<thead>
<tr>
<th>Reference</th>
<th>Identification</th>
<th>Definition</th>
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<td>[1]</td>
<td>Doctor</td>
<td>Be out of unknown origin unless specified by defining features.</td>
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Interpretations

The creek to creek comparison figure identifies each drainage within the study area and displays the total lithic material frequencies. Dollar Mountain provides a site example of the distribution of a particular creek through its neighboring basins. While general patterns are apparent for specific materials, each basin is distinct to the overall materials it contains. Possibilities for three general patterns and variability include factors such as: geological sources, environment and subsistence activities, and time of occupation. The use of chronology as a tool to help explain these patterns is discussed in detail by Burnett (et. al. 2004).

References

