

SAMPLE NUMBER: D6HK4-03 Site: Apple Cross

Collector Name: Owen/Caffee Date: 7/23/2006

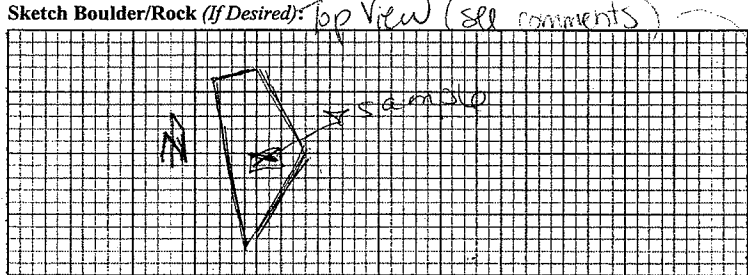
**BEFORE COLLECTION:**

Describe the condition of the surface (erosion, striations, etc.). Include comments on possible disturbances, biological condition near site, and field observations on inheritance or other important factors.

Primarily Be/Al sample.  
Surface erosion < 1cm, grooves up to 2cm erosion.

Dip/Dip Direction 14°/290°  
Rock Type Sandstone  
Latitude (Decimal Degrees) N57° 24.930' Longitude W100° 38.747'  
Datum \_\_\_\_\_

Elevation 133m ± 5m Map Used \_\_\_\_\_  
General Boulder Shape (Include in Sketch): Trapezoidal Block  
Boulder/Rock Dimensions: x-axis 240cm y-axis 240cm z-axis 120cm  
Other Pertinent Lengths (Specify) \_\_\_\_\_



**PHOTOGRAPHS (Make Sure Camera Date/Time is Set to Local Date/Time)**

**Whole Rock Before Sampling:**

View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

**Distance Views (i.e., Local Setting)**

View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

**While Sampling**

View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

**Other Photographs**

View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

**AFTER COLLECTION:**

Sample Thickness 5cm, 9cm, 6cm Estimated Mass \_\_\_\_\_

Sample Length \_\_\_\_\_ Sample Width \_\_\_\_\_

**HORIZON INFORMATION**

| Azimuth | Elevation Angle | Azimuth | Elevation Angle |
|---------|-----------------|---------|-----------------|
| 10      | 17              | 130     | 6               |
| 20      | 19              | 140     | 6               |
| 30      | 23              | 150     | 6               |
| 40      | 27              | 160     | 6               |
| 50      | 20              | 170     | 3               |
| 60      | 20              | 180     | 4               |
| 70      | 17              | 190     | 6               |
| 80      | 13              | 200     | 9               |
| 90      | 9               | 210     | 12              |
| 100     | 6               | 220     | 16              |
| 110     | 6               | 230     | 23              |
| 120     | 6               | 240     | 25              |
|         |                 | 250     | 17              |
|         |                 | 260     | 21              |
|         |                 | 270     | 14              |
|         |                 | 280     | 16              |
|         |                 | 290     | 17              |
|         |                 | 300     | 14              |
|         |                 | 310     | 9               |
|         |                 | 320     | 8               |
|         |                 | 330     | 13              |
|         |                 | 340     | 14              |
|         |                 | 350     | 16              |
|         |                 | 360     | 17              |

**Horizon Photo Information (If Taken):**

Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

**ADDITIONAL PHOTOGRAPHS:**

**Remaining Rock after Sampling**

View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_  
View Direction: \_\_\_\_\_ Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

**Top of Sample (Show Orientation and Scale in Picture)**

Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

**Profile View of Sample**

Camera Initials \_\_\_\_\_ Photo Number \_\_\_\_\_

Comments for Sample Preparation or Other Comments on the Sample: 3 sections (3A, 3B, 3C)

