#### APPENDIX C EQUIPMENT/PHYSICAL HAZARD SOP

| EOUII | PMENT | /PHYS | ICAL | HAZA | RD           | SOP        |
|-------|-------|-------|------|------|--------------|------------|
|       |       |       |      |      | $\mathbf{N}$ | <b>NOI</b> |

## **Equipment Name:**

Bico - Braun Rock Crusher and Pulverizer

#### **Equipment Application:**

Crushing and Grinding of Rocks and Minerals

## **Principal Department & Location:**

Geoscience, Science G011

# Identified Health and Physical Safety Hazards:

| Eye/Skin Hazards       | $\Box Y \Box N$ | Respiratory Hazards                         |
|------------------------|-----------------|---|
| Chemical Hazards       | $\Box Y \Box N$ | Electrical Hazards                          |
| Crush/Pinch Hazards    | $\Box Y \Box N$ | Heat/Pressure Hazards                       |
| Laceration Hazards     | $\Box Y \Box N$ | Flying Debris Hazards $\Box Y \Box N$       |
| Compressed Air Hazards | $\Box Y \Box N$ | Ionizing Radiation Hazard $\Box$ Y $\Box$ N |
| Noise Hazards          | $\Box Y \Box N$ | Other: $\Box Y \Box N$                      |

#### **Other/Process Comments:**

Equipment produces rock chips and silica dust when in operation.

## **Hazard Control Strategies:**

| <b>Engineering Contro</b><br>Ventilation Required<br>Isolation Required | i □Y □N<br>□Y □N                 | Device operated in hood with draw dow  | vn HEPA filter     |  |  |  |  |  |  |
|---|----------------------------------|--|--------------------|--|--|--|--|--|--|
| Wet Methods<br>Machine Guarding   | $\Box Y \Box N \\ \Box Y \Box N$ | Device uses with guards at 3 belts and | point of operation |  |  |  |  |  |  |
| Administrative Co   | ntrols:                          |  |                    |  |  |  |  |  |  |
| Training Required   | $\Box Y \Box N$                  | Signage Required                       | $\Box Y \Box N$    |  |  |  |  |  |  |
| $\Box$ Other (specify)  |                                  |  |                    |  |  |  |  |  |  |
|   |                                  |  | -                  |  |  |  |  |  |  |
| Personal Protective Equipment Required (check all that apply):          |                                  |  |                    |  |  |  |  |  |  |
|   |                                  | nical goggles                          | Apron              |  |  |  |  |  |  |
| Gloves (type  | )                                | □ Other (specify) N-95 dustmask        |                    |  |  |  |  |  |  |
| Emergency Controls Available:   |                                  |  |                    |  |  |  |  |  |  |
| Chemical Spill Kit  | $\Box Y \Box N$                  | First Aid Kit                          | $\Box Y \Box N$    |  |  |  |  |  |  |
| Fire Extinguisher   | $\Box Y \Box N$                  | Emergency Shower/Eye Wa                | sh □Y □N           |  |  |  |  |  |  |
| <b>SOP</b> Completed  | By:                              |  |                    |  |  |  |  |  |  |
| Dave Tewksbury  |                                  | Dave Tewksbury                         |                    |  |  |  |  |  |  |
| Name  |                                  | Signature                              | Date               |  |  |  |  |  |  |

