

**Agency: University of Alaska****Project Title:****Project Type: Maintenance and Repairs**

# Juneau Campus Mining Workforce Development

**State Funding Requested: \$88,700**  
One-Time Need**House District: Juneau Areawide (31-32)****Brief Project Description:**

Rock bolt a portion of the first 2500 feet of AJ Sheep Creek Mine Training Portal to hold the ground in place. Re-build mine drainage system to comply with permit conditions including reconstruction of the sump, and perform safety maintenance rehab of shaft.

**Funding Plan:**

|                               |                   |
|-------------------------------|-------------------|
| Total Project Cost:           | \$88,700          |
| Funding Already Secured:      | (\$0)             |
| FY2014 State Funding Request: | <u>(\$88,700)</u> |
| Project Deficit:              | \$0               |

*Funding Details:*

AK State Legislature FY11 400,000

AK State Legislature FY12 204,000

AK State Legislature FY13 190,000

**Detailed Project Description and Justification:**

The University of Alaska, Mining & Petroleum Training Service program in Juneau is for new underground student miners and includes field training in the AJ Sheep Creek Portal Shaft. The Sheep Creek Shaft requires continual maintenance to ensure underground safety for students and staff. There is a current need to rock bolt a considerable portion of the first 2500 feet of the mine to hold the ground in place. The existing ground support has corroded to the point where it no longer can be trusted to hold. The second need is to maintain the mine drainage system to comply with permit conditions including reconstruction of the sump.

The following list includes maintenance items to be performed.

1. Rock bolt the ribs and back from the portal to the first intersection (~2500 feet) estimated need for 300+ rock bolts to be drilled for and installed to replace corroded unsafe bolts installed 20 years ago.
2. Install ventilation fan and ventilation bags throughout the first 2000 feet
3. Repair or replace roof on the Loci Shed currently used to store equipment and supplies on the surface.
4. Replace the interior of the Engineer's Shack used for an office/lunch room/lamp room on the surface.
5. Lease man lift suitable for reaching the back and high ribs for bolting and hanging vent bag.
6. Fuel and maintenance for equipment used in this rehabilitation work
7. Chain-link fencing and stainless steel matting to support the back and ribs
8. Clean out and rebuild the water sump
9. Clean out the water drainage system and reroute to avoid the dense vegetation that has clogged the channels

**Project Timeline:**

2013-2014

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

UAS Mining Training Program

**Grant Recipient Contact Information:**

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Has this project been through a public review process at the local level and is it a community priority?  Yes  No

*For use by Co-chair Staff Only:*

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