United States Department of Agriculture | Forest Service | Region 6 Engineering Pacific Northwest Region | 1220 SW 3rd Avenue Portland, OR 97208 (503) 808-2612

MEMORANDUM FOR RECORD

DATE: October 29, 2018

TO: Record

FROM: Joseph Gibbens, PE On-Scene Coordinator

SUBJECT: 2018 Site Inspection, Longshot Mine, Stevens County, Washington

This Memorandum for the Record describes a site inspection completed at the Longshot Mine (Site), Colville National Forest, Stevens County, Washington, October 2018. A Non-Time Critical Removal Action (RA) was completed at the Site in October and November 2011. The RA consisted of removal of unprocessed ore, tailings and waste rock and placement back into the mine via a stope, adit closure with culverts and bat gates, adit drainage diversion, site grading and revegetation. The concrete foundation of the former mill was left in place as an historic feature. Subsequent to the RA, long term monitoring events were completed in 2012, 2013 and 2014.

The site inspection was completed on 25 October 2018 and was performed by Joseph Gibbens, On-Scene Coordinator, Region 6 Pacific Northwest, US Forest Service. Access to the Site was completed via WA Highway 20 northeast of Colville, then County Road 4954 to Forest Service Road 150 then north on FS 150 to the blocked access to the Site. From the blocked road the Site was accessed on foot. The weather at the time of the site visit was cloudy and cold, the ground was dry.

Approaching the Site on foot it was observed that the rocks set in place to block vehicle access remained in place. The access road forked with the lower fork leading to the concrete foundation of the former mill and the upper fork leading to the former mine workings. The lower adit was closed with a metal culvert with an interior bat gate and appeared to be in good condition. The drainage channel from the adit had some flowing water at the time of the site visit. The surrounding area was grass-covered with no visible signs of erosion or slumping.

The upper adit had been closed with a bat gate only and did not exhibit any drainage. The Site appeared to be in good condition with no surface disturbances, trash or debris.



Photo 1. View from access road towards former mill during 2011 RA.


Photo 2. Similar view October 2018.



Photo 3. Lower adit prior to culvert installation during 2011 RA.



Photo 4. Lower adit October 2018.



Photo 5. Upper adit prior to 2011 RA.



Photo 6. Upper adit October 2018.



Photo 7. Bat gate installed in upper adit 2018 photo.



Photo 8. Constructed drainage channel 2011 RA.



Photo 9. Constructed drainage channel 2018.



Photo 10. View down onto mill foundation during 2011 RA.


Photo 11. View down onto mill foundation 2018.