

January 16, 2018

Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Re: Permit Number: M-77-252 Pioneer Mine
Annual Grog Import of Fill Report

To Whom It May Concern:

Waste Brick Import Fill Report

Quantity Imported: 3,450 tons

Timeframe hauled: Majority October 24, 2017 through November 6, 2017

Blending: Blended with mine overburden and placed in 1' lifts

Date backfilling completed: Has not been placed in pit yet.

There is a large quantity of grog to be placed in the pit requiring a bulldozer and scraper (heavy equipment) to place the material in the pit. General Shale plans to do this work with their own equipment. The heavy equipment was utilized in the Hogback Mine open stope reclamation operation in November and early December 2017. Then the heavy equipment is used to construct masterbatches in our Denver Brick Plant in December 2017, January 2018, and February 2018. General Shale is targeting to have the backfilling complete by March 31, 2018. Once complete, photographs will be sent to the DRMS to show that backfill is complete.

Waste Brick Stockpile

This photograph shows the south brick stockpile from the south slope looking north.





General Shale

Building The American Dream®

This photograph shows the south brick stockpile from the east slope looking west.



This photograph shows the north brick stockpile from the south slope looking north.



This photograph shows the north brick stockpile from the east slope looking northwest. Note the brick stockpile is located at the tan grass line up.



If you have any questions and/or there are any problems with this transmittal, please contact me at (303) 783-3058.

Sincerely,
General Shale Brick, Inc.



Jason E. McGraw P.E.
Mine Supervisor