



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
MARQUETTE DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

September 25, 2019

Ms. Amanda Zeidler, HSE & Permitting Manager
Eagle Mine
4547 County Road 601
Champion, Michigan 49814

Dear Ms. Zeidler:

Subject: Crown Pillar Engineering Assessment (Phase 4) - Eagle Mine MP 01 2007

The Oil, Gas, and Minerals Division (OGMD) of the Department of Environment, Great Lakes, and Energy (EGLE) has reviewed the Crown Pillar Engineering Assessment (Phase 4) submitted by Eagle Mine on July 8, 2019, and has determined that the underground data collected has met the requirements of MP 01 2007, Special Permit Condition E8. The results of the assessment, environmental monitoring, and observations of the geologic conditions in the upper development levels, rock core quality, and achievement of tight rock fill, continue to support mining levels above 327.5 Meters Above Sea Level (MASL) with no anticipated adverse impacts to surface water or surface features, including the level between 352 and 381 MASL.

It is the understanding of EGLE that mining will not occur above the 381 L sill development and that applicable data will continue to be collected to confirm the Phase 4 assessment conclusions. As Eagle Mine moves forward with the development of the uppermost levels of the Eagle ore deposit and implementation of the Crown Pillar Management Plan, please continue to inform OGMD of any unanticipated hydrogeological or rock stability issues.

Thank you for your attention in this regard. Please contact me via telephone at the number listed below, or via e-mail at humphreym@michigan.gov with any questions.

Sincerely,

Melanie Humphrey, Geologist
Marquette District Office
Oil, Gas, and Minerals Division
906-250-7564

MH:TC

cc: Mr. Adam Wygant, EGLE
Mr. Rick Henderson, EGLE
Mr. Mark Snow, EGLE
File: Eagle Mine – CM9