



# COLORADO

## Department of Transportation

Division of Transportation Development

Environmental Programs Branch  
2829 W. Howard Place  
Denver, CO 80204-2305

TO: Tamara Burke

FROM: F. Nicole Peavey

DATE: 22 December 2021

RE: Paleontological assessment for Project C 0703-482, EJMT Heat Trace and Drainage Project

SA: 24210

Project C 0703-482, for the EJMT Heat Trace and Drainage Project, located off of I-70 just west of the EJ Tunnel in Summit County, will not require on-the-ground reconnaissance for paleontological resources.

According to the best available geologic map of the project area, the project is underlain by Pleistocene glacial till, which is itself underlain by pre-Cambrian crystalline (igneous and/or metamorphic) bedrock. Pleistocene deposits may contain fossil or subfossil remains, particularly of ice age mammals, and are considered to be moderately paleontologically sensitive. Crystalline rock types do not typically preserve fossil resources and are considered to have very low or nonexistent paleontological sensitivity. Additionally, the project area is entirely paved and heavily previously disturbed.

Furthermore, I know of no previously recorded fossil localities within the proposed project limits. As a result, paleontological clearance with no attached mitigation stipulations is recommended for project C 0703-482. If paleontological resources are uncovered during project construction, work in the immediate area of the find should cease, and I should be notified as soon as possible per Section 107.23 of the Standard Specifications.

### Geologic Map Reference

Lovering, T.S., 1935, Geology and ore deposits of the Montezuma quadrangle, Colorado: U.S. Geological Survey, PP-178, scale 1:62,500.

