



Eric Miller, EIT
Staff Engineer I

Education

BS, Geological Engineering, Colorado School of Mines, 2018

Experience Summary

Mr. Miller is a Staff Engineer I with geotechnical and hydrogeological experience. His expertise lies in hydrology, soil and rock mechanics, and mineralogy. He has experience using Groundwater Vista (MODFlow, MT3D), ArcGIS, MATLAB, MathCAD, and AutoCAD Civil 3D.

Project Experience

Hydrology / Hydraulics

VARIOUS PROJECTS, COLORADO SCHOOL OF MINES | COLORADO

Led the development of a simulation for a potential blowout of the Leadville tunnel using MathCAD.

Hydrologic study into the potential for municipal Methyl Tertiary Butyl Ether (MTBE) contamination originating from nearby stations using Groundwater Vista

Preliminary examination and feasibility study into potential geothermal high areas for infrastructure development; incorporating data from GIS systems using ArcGIS.

Slope stability and rockfall analysis for construction of a proposed residential area.

Employment History

CURRENT EMPLOYER

POSITION

YEARS

TIERRA GROUP INTERNATIONAL, LTD.

Staff Engineer I

2018 to Present

CURRENT EMPLOYER

POSITION

YEARS

THE ELECTRUM GROUP LLC

Geology Intern

2018

EMPLOYER

POSITION

YEARS

NAZARBAYEV UNIVERSITY PARTNERSHIP

Research Support

2017 to 2018