

Joseph Caskey

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EDUCATION: Bachelor of Arts in Geology

Wittenberg University in Springfield Ohio

May 2015

Professional Memberships: Rocky Mountain Association of Geologists & American Institute of Professional Geologist

Certifications:

- **Current OSHA 40-Hour HAZWOPER**
- **Troxler Nuclear Density**

Areas of Expertise:

Core logging/sampling	Google maps, Leapfrog	Analytical Data Entry
Soil and groundwater sampling	Soil Classification	Python
RQD and Recovery Measurement	Private Sector Consulting	Customer service
Mining Equipment Operation	ACI Standards Testing	Grading
ArcGIS, ArcMap and Smallworld	Construction	Earthworks

EXPERIENCE:

January 2020–Present

GIS Drafter

Denver, CO

- Understand survey field notes and sketches to create new or update existing gas pipeline installations.
- Prepare designs, drawings and layouts working from engineering specifications using GIS methods.
- Evaluates engineering analysis for the coordination of the final map deliverable for clients.

August 2017– October 2019 Yukuskokon Professional Services

Junior Geologist

Denver, CO

- Assisted supervising geologists with a variety of technical, paraprofessional and analytical duties in support of building geologic maps, cross sections, and databases.
- Logged core for veining, mineralization, alteration, and structure details of core, and documented in Excel.
- Measured core for RQD and recovery, and magnetic susceptibility using a KT-10 meter.
- Designated sampling intervals of core and labeled boxes prior to photographing and loading for core cutters.
- Instructed core cutters on proper cutting and sampling procedures.
- Collected soil and rock samples in the field as a team to aid supervising geologists in exploration efforts.
- Operated ATV, SKIDSTEER and other heavy equipment over the course of the assignment.
- Reported directly to Senior Geologist and Project Geologist.
- Experience working in a secluded camp and in inclement weather conditions for extended periods of time.

November 2019– January 2020 C.T.L. Thompson

Denver, CO

June 2019– August 2019 C.T.L. Ground Engineering

Denver, CO

October 2017– April 2019 C.T.L. A.G. Wassenaar

Denver, CO

Seasonal Engineer Field Technician/Materials Testing

- Collected soil and processed samples through metal sieves and prepped for lab technicians to perform proctor analysis.
- Executed material testing and soil observations of water and sewer pipeline back-fills, footings, street and sidewalk sub-grade, and asphalt paving; to perform density tests a Troxler nuclear gauge was used.
- ACI standards testing of concrete for slump, air content, and in the formation of samples.
- Communicated with project foreman and workers when necessary to resolve any issues with test results.
- Worked independently to ensure project client's material testing needs were met.

May 2017–October 2017 Geotemps: Coeur Alaska

Juneau, AK

Geotechnician /Core Cutter/Core Logger

- Operated Almonte diamond-blade saw to cut core and created safety guidelines for daily operation.
- Careful attention to detail in the sampling core according to specifications of the loggers sampling frequency.
- Assisted in the logging of drill core for alterations and veining as well as in writing reports.
- Collected soil samples in the field along the mountain ridge for use in geochemical testing and documented GPS coordinates and elevation locations.