Anselm Kowalczyk-Reid

Geologist

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SUMMARY

Professional Geologist (PG) with 6 years in environmental and geotechnical consulting, supervising drilling and logging over 9,000 feet of soil and rock core. Led site characterisation for 22 projects, including groundwater contamination studies and slope stability reviews, and writes reports accepted by state regulators. Skilled in ArcGIS, gINT and groundwater modelling.

EXPERIENCE

Project Geologist — Lookout Basin Geoscience Partners

Denver, CO · Feb 2021 – Present

- Led site characterisation for 22 environmental and geotechnical projects, from drilling plans to final reports.
- Supervised drilling and logged about 9,000 feet of soil and rock core across 140 borings.
- Mapped a solvent plume across 18 monitoring wells, supporting a cleanup plan the state approved on first submission.
- Identified a weak clay layer on a hillside site, leading engineers to redesign retaining walls before construction.
- Built ArcGIS and gINT templates that cut boring log and figure preparation time by about 30%.

Staff Geologist — Clear Creek Earth Sciences

Golden, CO · Jun 2018 – Jan 2021

- Sampled groundwater at 60 wells each quarter for 5 long-term monitoring programs.
- Logged 45 borings for road and bridge projects under senior geologist review.
- Ran slug tests on 12 wells and estimated hydraulic conductivity for a groundwater model.
- Drafted 20 field reports with photos, logs and lab summaries for client submission.

SKILLS

Field: Core and soil logging, geologic mapping, drilling oversight, groundwater sampling, slug tests

Analysis: Site characterisation, stratigraphy, hydrogeology, slope stability input

Software: ArcGIS Pro, gINT, AutoCAD Civil 3D, Groundwater Vistas, Excel

Safety and compliance: 40-hour HAZWOPER, site safety plans, state regulatory reporting

CERTIFICATIONS

Professional Geologist (PG), Colorado-recognised ASBOG exam, 2022

40-Hour HAZWOPER with annual refresher

EDUCATION

B.S. Geology, Colorado School of Mines, 2018

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