Dylan Fitzgerald

STAFF GEOLOGIST

Houston, TX
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Certificates

40-Hour OSHA HAZWOPER
OSHA
06/2024

Geoscientist-in-Training (GIT)
Texas Board of Professional Geoscientists
10/2024

Skills

Technical Writing • Soil Borings
Monitoring Wells
Phase II Site Assessment • USCS
Chain of Custody • Excel
Attention to Detail
Work Independently

Summary

Staff Geologist with 2 years in environmental consulting, completing soil and groundwater fieldwork at petroleum, chemical and Phase II sites around Houston. Logs soil borings, samples monitoring wells, enters lab data and handles technical writing for draft reports. 40-hour HAZWOPER trained with a valid driver's license.

Experience

Staff Geologist 07/2024 - Present
Bayou City Environmental Services Houston, TX

Environmental consulting firm with 70 staff on the Gulf Coast.

- Record **90** soil borings a year using USCS and collect samples for petroleum and solvent analysis.
- Collect groundwater from 150 monitoring wells each quarter with low-flow methods and chain of custody forms.
- Draft Phase II site assessment reports and state forms for 12 sites a year.
- Update Excel lab data tables and check 3,000 results a year against Texas cleanup levels.

Field Technician (Part-Time) 09/2022 - 05/2024
Gulf Soil & Materials Testing Houston, TX

Part-time role during college with a construction materials testing lab.

- Tested **400** soil and concrete samples for density and moisture at construction sites.
- Recorded field measurements on daily reports for 20 project engineers.
- Calibrated nuclear density gauges every week and kept the calibration log current.
- Delivered 60 sample batches to the lab within holding times.

Lab Assistant (Part-Time) 01/2021 - 08/2022
University of Houston, Department of Earth and Atmospheric Sciences Houston, TX

Part-time campus job supporting undergraduate geology labs.

- Prepared **250** thin-section and core samples for petrology courses.
- Organized a 3,000-sample teaching collection in a searchable spreadsheet.
- Set up microscopes and equipment for 12 weekly lab sections.

Education

Bachelor of Science 05/2024
University of Houston Houston, TX
Geology