

# SHERAZ AHMAD

Al Jamiah, Jeddah, Saudi Arabia • +966 574909206 • sheraz15623@gmail.com  
Date of Birth: 10 March 2000 • Professional Geologist / Engineering Site Consultant

---

## PROFESSIONAL SUMMARY

Results-driven and safety-certified **Geotechnical Engineer / Site Geologist** with a BS in Geology and robust field experience across Saudi Arabia and Pakistan. Proven expertise executing comprehensive geotechnical investigations, high-precision core logging (RQD, TCR, SCR), soil/rock mechanics, and advanced materials laboratory testing (destructive & non-destructive). Fully accredited with core HSE credentials (NEBOSH, IOSH, OSHA) and a specialized understanding of Middle Eastern construction infrastructure requirements, local municipal systems, and regional building compliance frameworks. Exceptional track record in bridging field geology data with formal engineering design documentation.

## CORE COMPETENCIES

**Geotechnical Exploration:** SPT, Borehole Supervision, Soil & Rock Sampling  
**Core Recovery Metrics:** Precision RQD, TCR, & SCR Structural Analysis  
**Materials & Lab Testing:** Triaxial, UCS, Sieve Analysis, Hydrometer Tests  
**Rock Mechanics & Lithology:** Petrographic analysis & Geomaterial characterization  
**HSE Leadership:** Risk Assessment, Incident Prevention, Tool-Box Briefings  
**Project Execution:** Cross-functional Coordination, Structural Reporting, Quality Audits

## PROFESSIONAL EXPERIENCE

**Geotechnical Site Geologist – Saudi Geotechnical Engineering Services (SGES)** Dec 2025 – Present

*Jeddah, Western Region, Saudi Arabia*

- Supervise onshore geotechnical site investigation programs for major commercial, high-rise residential, and industrial infrastructure projects across the Western Region.
- Manage deep-borehole rotary drilling operations, conduct Standard Penetration Tests (SPT), and perform high-precision rock core logging to establish exact RQD, TCR, and SCR metrics.
- Enforce complete alignment with the Saudi Building Code (SBC) and relevant international ASTM/BS guidelines during high-stakes structural fieldwork.
- Direct daily site-specific HSE protocols, conducting dynamic tool-box risk briefings to guarantee zero-incident engineering environments.
- Collaborate with Principal Foundation Engineers and laboratory supervisors to fast-track technical reports and soil/rock profile classifications.

## Site Geologist – Geoservices Engineering Consultants

Nov 2024 – Dec 2025

Islamabad, Pakistan

- Executed detailed engineering geological explorations for infrastructure developments and high-density residential sectors.
- Supervised active drilling rigs, conducted Field Density Testing (FDT), and categorized complex subsurface field soil profiles.
- Systematically collected and cataloged representative rock and soil strata variations for specialized cross-validation.
- Authored final geotechnical logs, localized geological summaries, and site assessment reports for client stakeholders.
- Maintained rigorous interface oversight across contractors and civil structural teams to accurately identify and clear field design variations.

## Geotechnical Laboratory Intern – National Centre of Excellence in Geology

Jan 2024 – Mar 2024

Peshawar, Pakistan

- Performed advanced laboratory material diagnostics including Los Angeles Abrasion, Triaxial shear tests, Point Load, and Uniaxial Tensile Strength (UTS).
- Conducted routine civil mechanics index testing covering hydrometer analysis, wet/dry sieve processing, and Atterberg limits (LL, PL).
- Assisted in preparing calibration sheets, multi-variable laboratory quality control summaries, and baseline technical sheets.

## EDUCATION & CREDENTIALS

### Bachelor of Science in Geology

Graduated: 2024

Shaheed Benazir Bhutto University, Sheringal • CGPA: 2.93

### Diploma in Civil Material Testing

2023

Haris Institute of Technology, Peshawar

## PROFESSIONAL SAFETY CERTIFICATIONS

- **NEBOSH IGC** – International General Certificate (2022)
- **IOSH** – Managing Safely Certified (2022)
- **OSHA** – 48-Hour Construction Safety & Health (2022)
- **First Aid** – Level 3 Certified Specialist
- **Fire Safety** – Level 3 Certified Marshal

## ACADEMIC & TECHNICAL TRAINING

### Research Project & Thesis:

*Petrography and Mechanical (DT & NDT) Properties of Granitic Rocks from Doag Dara Babozo, Dir Upper, Khyber Pakhtunkhwa, Pakistan.* Concentrated heavily on deep mineralogical thin-section characterization, engineering strength profiles, and overall environmental durability analysis.

**Advanced Continuing Courses:** Characterization of Geomaterials • Concrete Engineering Testing Basics • Fundamentals of Soil Formations & Hillslope Evolution • Water Purification Systems • Food Safety Management.

## LANGUAGES & HONORS

- **Languages:** English (Advanced / Professional Working Proficiency), Urdu (Native)
- **Honors:** Conferred the highly competitive *Ehsaas National Merit Undergraduate Scholarship* for overall academic achievement.