



Attiq Ur Rehman

Passport: UZ9159881 **Nationality:** Pakistani **Date of birth:** 02/04/2002

Place of birth: Haripur, Pakistan **Gender:** Male

Phone number: (+966) 0560778920 **Email address:** attiqgeologist@gmail.com

Home: Near REJA779, 7795 Abi Al Wafa Ibn Sufyan, Riyadh Near REJA779, 7795 Abi Al Wafa Ibn Sufyan, Riyadh, Riyadh (Saudi Arabia)

ABOUT ME

- A geology professional with a bachelor's degree from the University of Haripur and hands-on experience in geological research, field investigations, and geotechnical assessments. Currently completed an MPhil in Geology at Quaid-e-Azam University, Islamabad, with a focus on applied engineering geology, site investigations, and slope stability studies. Skilled in conducting geological and geotechnical surveys, drilling operations, and field-based data analysis, with practical exposure to petroleum geology and applied engineering geology. Proven ability to integrate research knowledge with site-based problem solving to support safe and efficient project execution. Highly motivated to contribute to mineral exploration, mining, and geotechnical projects, and committed to continuous professional development and practical application of geoscience expertise in industry settings.

EDUCATION AND TRAINING

MPHIL in Geology

Quaid e Azam University Islamabad [19/09/2023 – 23/12/2025]

City: Islamabad | **Country:** Pakistan | **Website:** www.qau.edu.pk | **Field(s) of study:** Geology | **Final grade:** CGPA 3.5 | **Thesis:** INTEGRATED GEOLOGICAL, GEOTECHNICAL & GIS-BASED SUSCEPTIBILITY ASSESSMENT FOR LANDSLIDE HAZARD ANALYSIS, SLOPE FAILURE INVESTIGATION AND MITIGATION STRATEGIES: NEAR AZAD PATTAN BRIDGE, DISTRICT SUDHNUTI, PAKISTAN

BS in Geology (4 - Years)

University Of Haripur [22/09/2019 – 10/07/2023]

City: Haripur | **Country:** Pakistan | **Website:** www.uoh.edu.pk | **Field(s) of study:** Earth Sciences | **Final grade:** CGPA 3.11, 71.94%. | **Thesis:** BIOSTRATIGRAPHY OF THE EARLY EOCENE MARGALLA HILL LIMESTONE EXPOSED IN THE NIZAMPUR BASIN

F.Sc (Pre-Engineering)

Board Of Intermediate and Secondary Education Abbottabad [18/04/2017 – 25/07/2019]

City: Abbottabad | **Country:** Pakistan | **Website:** www.biseatd.edu.pk

WORK EXPERIENCE

GEO DEEP ROCK – Islamabad , Pakistan

Geologist

[02/06/2025 – 08/12/2025]

Geotechnical field investigation and Lab Testing responsibilities.

1. Supervised drilling operations for geotechnical site investigations and conducted on-site field testing.
2. Carried out laboratory testing of soils and aggregates following **ASTM, AASHTO, and other relevant standards.**
3. Performed geotechnical tests including **sieve analysis, hydrometer analysis, Atterberg limits, Proctor compaction, California Bearing Ratio (CBR), Direct Shear, and Unconfined Compressive Strength (UCS/UCT).**

4. Assisted in **sample preparation, data recording, and documentation** for comprehensive geotechnical investigations.
5. Collaborated with project teams to provide **technical recommendations and insights** based on laboratory and field test results.
6. Maintained strict **quality control and safety protocols** throughout all laboratory and field activities.

GEOSERVICES ENGINEERING CONSULTANTS – Islamabad , Pakistan

Geologist

[13/01/2025 – 08/05/2025]

- **Site Geologist**
- Conducted **rotary drilling operations** and prepared detailed **borehole logs** based on lithology and soil/rock characteristics.
- Managed **core box preparation**, depth-wise core arrangement, and proper labeling for quality control and record keeping.
- Performed **percussion drilling logging**, including soil/rock description and **sample marking**.
- Executed **hand auger drilling**, carried out logging, and collected representative soil samples.
- Conducted **Standard Penetration Tests (SPT)** in **rotary boreholes** as well as **hand auger holes** in accordance with site investigation procedures.
- Performed **Cone Penetration Tests (CPT)** during rotary drilling operations.
- Carried out various **in-situ and field tests**, including:
 1. **Field Density Test (FDT)**
 2. **California Bearing Ratio (CBR)**
 3. **Percolation Test**
 4. **Schmidt Hammer Test**
- Assisted in supervision of drilling activities, ensured compliance with technical standards, and maintained accurate field records.
- Assisted in maintaining **daily site management records and progress reports**.

– Haripur, Pakistan

Field Investigation and Geophysical Surveys for Dam Seepage Studies

Field Investigation and Geophysical Surveys for Dam Seepage Studies.

1. **GPR (Ground Penetrating Radar) Survey:** Assisted in conducting GPR surveys to detect subsurface anomalies and seepage pathways in the dam structure.
2. **Scan Line Survey:** Supported detailed scan line mapping to identify structural weaknesses and seepage points along the dam body.
3. **ERT (Electrical Resistivity Tomography) Survey:** Collaborated in performing ERT surveys to characterize subsurface moisture distribution and potential leakage zones.

Geological Survey Of Pakistan. – Islamabad

Internee

[27/04/2025 – 28/05/2025]

- Gained practical experience in **geospatial analysis** and **geological mapping** during an internship at the Geological Survey of Pakistan.
- Developed strong proficiency in **ArcGIS** and **QGIS** for **spatial data interpretation, map digitizing**, and geological feature extraction.
- Worked with **satellite imagery** and applied **remote sensing techniques** to analyze and generate geospatial datasets.
- Designed and enhanced geological maps and reports using **CorelDRAW**, improving visual presentation and clarity of geological data.
- Strengthened technical and analytical skills in **geoinformatics** through hands-on use of GIS tools, mapping software, and digitization workflows.

Hydrocarbon Development institute of Pakistan – Islamabad , Pakistan

Internee

[22/07/2022 – 05/08/2022]

- Acquired fundamental knowledge of reservoirs and developed skills in evaluating porosity and permeability of core samples.
- Acquired knowledge in petrographic analysis, fundamental sedimentology, and basin dynamics, deepening my understanding of geological formations and sediment deposition processes.
- Gained expertise in preparing thin sections of rock samples, essential for petrographic analysis.

SKILLS

Geotechnical

California Bearing Ratio (CBR) / Standard Penetration Tests (SPT) / Cone Penetration Tests (CPT) / Field Density Test (FDT) / Percolation Test / Schmidt Hammer Test / UTS/UCS / Proctor compaction / Atterberg limits / hydrometer analysis / sieve analysis

Geological

Field samplings and Investigations / Petrographic analyses / Sedimentary rocks study / Carbonates Diagenetic study / Tectonics study

Geospatial

Mapping through Arc GIS/Q GIS / Spatial Data Investigations / remote sensing and satellite imagery study

Geophysical

GPR (Ground Penetrating Radar) Survey / ERT (Electrical Resistivity Tomography) Survey / Scan Line Survey

HONOURS AND AWARDS

[25/05/2023] Young Explorer Society

Best Leadership Award.

[16/10/2023] UMEED E ZINDGI WELFARE FOUNDATION

THE WARRIOR 2023

HOBBIES AND INTERESTS

Hiking

Reading

Driving

Social Working

Skills Learning

LANGUAGE SKILLS

Mother tongue(s): Hindko

Other language(s):

English

LISTENING C1 READING C2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1

Urdu

LISTENING C2 READING C2 WRITING B2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Driving Licence: B

05/01/2023 – 14/01/2028

DIGITALSKILLS

Microsoft Office

Arc GIS (Pro)

Q GIS

Coral Draw

Global Mapper

Visual MUDFLOW