



Fareed Ahamad

(Geologist)

CONTACT

📍 LUCKNOW, INDIA

☎ +919427944356

✉ ahamad.fareed93@gmail.com

SKILLS

- Flexible & Adaptable
- Activity planning
- Talent Development
- Progress monitoring
- Problem Solving
- Planning & Management
- Teamwork and Capability-Building
- Communications & Interpersonal Skills
- Verbal and written communication

LANGUAGES

Hindi: Native language

English: Expert

PASSPORT DETAILS

Passport no.- P0759155

Status: - Active

Expiry Date: - 30/05/2026

SOFTWARE EFFICIENCY

MS Word, Excel and AI
(ChatGPT and Gemini)

ArcGIS and Auto CAD

Ipi2win, RockWorks, MATLAB-
Plaxis, and Modflow

Petrel (Basic)

CAREER GOAL AND SUMMARY

I declare that all the information given is genuine and correct to the best of my knowledge and belief. Currently I am seeking for overseas job opportunity. I want to be a valuable member of organization where I utilize my skills and strengths to accomplish the organization's goals and objectives and get an opportunity to enhance my knowledge and skill.

WORK HISTORY

SHIV DRILLERS AND DEVELOPERS PVT. LTD.

NEW DELHI-INDIA

01/05/2025 - Present

FIELD GEOLOGIST

- Monitoring and managing drilling operation, **Litholog and drill time log** preparation and maintain accurate project records, logs, and data archives.
- Collaboration with **CGWB (Central Ground Water Board – Govt. of India)** Hydrogeologist and provide well assembly recommendation for **piezometer installation**.
- Monitoring the well development and ground water sample collection for laboratory analysis.
- Site visit and clearance (NOC) from the concerned department.
- **Pump Test, Yield Test, Slug Test and PYT Test.**
- BDRs and technical report preparation using AI tools, Auto CAD and Arc-GIS.
- Ensure proper sampling techniques and **QA/QC** of field data and all work follows industry standards, codes, and client specifications.

ARUN SOIL LAB PVT LTD, LUCKNOW-INDIA

JULY 2019 – DEC 2024

FIELD GEOLOGIST CUM HYDROGEOLOGIST

- Conduct Geophysical resistivity survey (**Aquifer mapping**) using **Schlumberger and Wenner array**, under **Jal Jeevan Mission (Govt. Of India)** for ground water exploration.
- Groundwater monitoring, assessment, remediation and well assembly recommendation for piezometer installation.
- Core logging (**TCR, SCR and RQD**), recovery calculation, **Litholog** and **Drill Time Log** preparation at drilling sites.
- **Laboratory Tests:** - **SBC (Soil Bearing Capacity), Rock Mechanics and Soil Mechanics.**

- **In-Situ Test:** - SPT, CPT etc.
 - **2D and 3D modeling and structural analysis** using software like IPI2WIN, RockWorks, MATLAB, Plaxis and Modflow.
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CSIR-CIMFR-GOVT. OF INDIA
MARCH 2017 – JUNE 2019
PROJECT ASSISTANT

- Coal sample preparation and analysis (**COALGRADING**) in laboratory.
 - Total moisture, Carbon content, Ash content, Gross Calorific Value etc.) at different loading and unloading points under **INDIAN STANDARD ISO: 4077:2023** at **GEVRA OPEN PIT MINE**.
 - Monitoring of coal mining at **Korba Coal Field** and its sampling under **INDIA STANDARD 436-1-1(1964)** for south eastern coal limited (**SECL**).
 - Crushing, drying, packing and witnessing of sample preparation
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B.K. DIAMOND CORE DRILLING SYNDICATE
AUG 2016 – MARCH 2017
GEOLOGIST

- **Core logging, Core Recovery calculation, RQD** and supervise the drilling activity at **ULTRATECH CEMENT PLANT**.
 - Core log preparation and technical reports writing.
 - Core cutting (**Coning quartering**), witnessing sample preparation.
 - Litholog (**Fossiliferous limestone**) preparation at drilling sites.
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EDUCATION

Master of Science in Geology 2013-2016

Hemwati Nandan Bahuguna Garhwal University, Garhwal, Uttarakhand India

Bachelor of Science in Geology (main) Geography and Chemistry 2010-2013

Aligarh Muslim University, Aligarh-India

ACCOMPLISHMENTS AND PROJECTS

Atal Bhu-Jal Yojna - PHE (Public Health Engineering Dept.) M.P, INDIA

- Geophysical resistivity survey (Aquifer Mapping) to locate suitable point for drilling.

Jal Jeevan Mission (Govt. of India) U.P. INDIA

- Geophysical Resistivity survey - VES (Vertical electrical sounding
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FIELD WORK AND DISSERTATION

Field Excursion – Rajasthan

- Studied and mapped **Precambrian rocks of the Aravalli Supergroup** and associated lithologies of the area.
- Conducted structural analysis of **folds, faults, joints, cleavages, and foliation patterns** characteristic of the Aravalli hill ranges
- Collected and classified **rock and mineral specimens**, enhancing understanding of the region's petrology and mineralogy.
- Gained hands-on experience in **preparing geological maps, cross-sections, and stratigraphic columns** based on field data.

Field Excursion – Lesser Himalayan Region.

- Conducted detailed **geological mapping of the Lesser Himalaya**.
- Studied and understand the relationship of **major thrust system and tectonic contact of MBT, MCT, MFT** and identified structural features like **folds, faults, joints** etc.
- Enhance the understanding of **Himalayan Orogeny**.

Dissertation

Geochemistry of spring water.

- Collected spring water samples- 10 Locations from Ghansali–Ghuttu region.
- Analyzed **pH, EC, TDS, major ions (Ca^{2+} , Mg^{2+} , HCO_3^- , Cl^- , SO_4^{2-}).**
- Assessed **trace metals**, finding results within safe limits; **tested for coliforms**, recommending basic disinfection.

Hardness removal and microbial safety required.