



Kavinda Dilshan

Geological Engineer / Engineering Geologist

7 years' experience as a Geological Engineer | Exploration Geologist | Engineering Geologist in Exploration, Hydrogeology, Tunneling, and Construction projects

MSc in Engineering Geology and Hydrogeology

Gender Male | Date of birth 20/02/1994

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Personal Statement

A determined, hardworking, reliable person who is willing to learn new skills and technologies, capable of undertaking responsibilities

I'm a fully vaccinated person

Job-Related Skills

- Tunneling & Underground Excavation (TBM & Drill & Blast)
- Leapfrog, QGIS, AutoCAD, ArcGIS
- Mineral Exploration & Resource Evaluation
- Core Logging & Drilling Supervision
- Geological & Geotechnical Analysis
- Groundwater & Environmental Monitoring
- Fire rescue and first aid training
- Good team worker.
- Ability to adjust to new environments.
- Fluency in English, Written and verbal communication skills

Country Experience

- Sri Lanka
- Maldives
- Saudi Arabia

Experience

Exploration Geologist

Alkhobara Mining Company | Saudi Arabia

January 19, 2025 – Present

- Conducting mineral exploration projects across Saudi Arabia, including drilling, project management, resource estimation, and data analysis, as per client requirements.
- Serving as a consultant to the clients providing expertise in exploration strategies and geological assessments.

Engineering Geologist

China State Construction Engineering Co. Ltd | Upper Elahera Canal Project (UEC ICB 2A Package) – Sri Lanka

January 28, 2024 – January 18, 2025

The Upper Elahera Canal Project (UECP ICB 2A Package) involves the construction of a 23.0 km long tunnel to enhance water transfer efficiency.

- Actively involved in a TBM tunneling project, contributing to its successful execution through expertise and dedication.
- Conducted geological activities related to the tunnel, including face mapping through the cutter head, site investigation, environmental monitoring, tunnel support works, and report preparation.

Engineering Geologist

Sinohydro Corporation Ltd | Upper Elahera Canal Project (UEC ICB 2B Package) – Sri Lanka

April 30, 2023 – January 28, 2024

This component includes the construction of two main tunnels (approximately 8 km in length), two aqueducts, short sections of open canal, and associated structures.

- Managed and supervised all tunnel activities, including geophysical and geotechnical investigations, while preparing detailed reports for consultants and project stakeholders.
- Planned and conducted field surveys as required.
- Managed all geological, geotechnical, and geophysical activities related to the project.

Exploration Geologist

Lankan Resources and Mining (Pvt) Ltd - Sri Lanka

March 06, 2019 – April 30, 2023

Margosa announced its new JORC 2012 Mineral Resource Estimate (MRE) of approximately 1,724,610 tonnes, grading 76.32% Total Graphitic Content (TGC) for the Ridee Ganga Vein Graphite Deposit, Sri Lanka.

- Gained expertise in exploration, project management, drill hole planning, Etc.

Achievements

University Level

Member - Football team

Member - Geological Society of Sri Lanka

School Level-

Member – Football team

Group leader – Prefect board

Non-Related Referees

Mr. Hamish Fraser

Exploration Manager,
AusIMM,
Chartered professional geologist
hamish.f@margosagraphite.com

+94 77 857 6260

Professor Atula Senaratne

Senior Lecture,
Department of Geology,
University of Peradeniya .
atulas@pdn.ac.lk
0779286498

- Experienced in core sampling, core cutting, core preparation, and core photography.
- Ability to handle the drilling project and supervise the MD600 wire line drilling rig and drilling crew including the all supplies (Diamond drilling)
- Worked according to the 2012 JORC code and awareness of QA/QC and DBMS management.
- Specialised in Structural, Geological, and Geotechnical data logging according to Australian standards using logging software. (www.plexer.com.au)

Assistant Hydrologist -12 March,2021– 14 March,2022

Ceywater Consultants (pvt) Ltd. - Maldives

Assessing groundwater resources and design of aquifer recharge systems in selected islands of Maldives (UNDP and GCF funded project)

- Conducted Geophysical 1D and 2D ERT surveys to find available fresh water quantities and determine the subsurface conditions of six islands of Maldives
- Prepare reports to the client about project related groundwater and social data monitoring results
- Experienced in report writing and participating meetings with ministry and client
- Design RHS system in six islands of Maldives

Hydrogeologist- 02 March 2018,– 06 March 2019

Tomota Deepwells Company

- Doing resistivity surveys and finding drilling locations
- Supervision and monitoring of drilling groundwater extraction wells
- Prepare groundwater investigation reports
- A good service provider with clients
- Awareness of groundwater regulations and monitoring

Engineering Geologist- 30/12/2017–02/03/2018

- Worked as an Engineering Geologist in Engineering Geological, Structural Geological and Hydro Geological Mapping along three tunnel traces of Gin-Nilwala Diversion Project (Sri Lanka)

Education

MSc in Engineering Geology and Hydrogeology

P.G.I.S, University of Peradeniya

B.Sc. Degree in Physical Sciences

University of Peradeniya