



Résumé

Ta Nguyen

**Senior Geotechnical
Engineer / Geologist**

Qualifications

**Eng. (Engineering Geology)
Hanoi University of Mining
and Geology 1998**

**Master of Technology
(Remote Sensing ("RS") and
Geographic Information
System ("GIS") Application
in Geoscience) Andhra
University 2004**

Professional Registration

Member of AIG

Expertise

- Geotechnical investigation planning and Exploration/Grade Control drill design and supervision of drilling operations
- Geotechnical, Structural and Geological logging, mapping and analyses
- Televiewer Structural and Geotechnical interpretation and analyses
- Sample selection, in-situ field testing including packer test, penetration test
- 3D Structural and Geological Wireframing, Geotechnical Modelling and Resource estimation
- Geological interpretation, evaluation and target generation for exploration
- SQL database management and 3D modelling training.
- Project management.

Experience

Ta has over 20 years of experience as both geotechnical engineer and geologist working in geotechnical investigation and geological exploration extensively in Australia, Africa and Vietnam. In geology, he has exposure to numerous commodities including Gold, Nickel, Iron and Coal Bed Methane and has worked in all steps in exploration from early reconnaissance tenement appraisal, grassroots data collection, resource definition to mining operations. In geotechnical engineering, he has worked on a range of projects including investigations for building, dam, plant constructions and mining. Project experience includes:

- **Geotechnical Investigation Planning, Geotechnical and Structural Logging, Mapping and Sampling** – Soil property, Rock mass and Structural logging and sampling from drill core for both open pit and underground mining
- **Geological Interpreting, Target Generating, Drilling Designing, Supervising Exploration Activities, Geological Mapping, Soil Sampling and Rock Chip Sampling and Geological Logging** – Exploration and Mining Operations for Gold, Nickel, Iron and Coal Bed Methane
- **Televiewer and Resistivity Interpreting**– Structural, Geotechnical and geological interpretations, borehole breakout stress orientation
- **Structural Analysis and 3D Structural Modelling**– Interpreting structural orientations, kinematic feasibility of structural sets and Wireframing significant geotechnical structure.
- **3D and 2D Modelling Software**– proficient in Surpac, Vulcan, Datamine, Leapfrog, MapInfo-Discover, ArcGIS, WellCAD, Petrolog and AutoCAD
- **Database Managing** – proficient to advanced level in SQL database software including Microsoft Access, Acquire and Datasheet
- **Resource Estimation** – experienced in Mineral Resource estimation on gold deposits
- **MRMM** – building 3D Mining Rock Mass Model for open pit and underground mining design and operations.

Background

Ta gained an Engineer degree in Engineering Geology from Hanoi University of Mining and Geology and MTech. degree in RS and GIS from Andhra University, India. He then ran his own geotechnical investigation company with his own diamond drill rig in civil engineering industry during which he worked for Vietnamese Academy of Science and Technology in Hanoi then joined Ban Phuc Nickel Mine in 2004 as a Geotechnical Engineer and Geologist. For the past over thirteen years he has worked in Australia with BM Geological Services, Silver Lake Resources, Barrick Gold and Dempers & Seymour doing both geological exploration and geotechnical investigation for mining projects.

Projects worked on include Ban Phuc Nickel Mine – Asian Minerals (Vietnam), Perseverance Deeps project – BHP (WA), Olympic Dam – BHP (SA), Windarra – Poseidon Nickel (WA), Cassini Nickel Project – Jupiter Mines (WA), Gruyere – Gold Road (WA), Balcooma- Snow Peak (QLD), Lawlers, Darlot, Plutonic, Granny Smith, Kundana, Kanowna Mines and Projects – Barrick (WA), Mount Monger – Silver Lake Resources (WA), Balmoral South Iron Ore project – Australasian Resources (WA), McPhee Creek – Atlas Iron (WA), Hinge – Karara (WA), Elk Hills – Occidental Petroleum (Texas), Red River Delta Coal Bed Methane MVHN-02 – Keeper Resources International (Vietnam), Kudz Ze Kayah Project – BMC Minerals (Canada), Kibali, Loulo Gold Mine and Goukoto Gold Mine – Rand Gold (Africa), etc...