



PATTLE DELAMORE PARTNERS LTD

Senior Engineering Geologist

Part of the engineering geology/groundwater team working on a wide range of projects carried out by PDP. Opportunities for working in other environmental fields including contaminated sites and water resources.

Pattle Delamore Partners Limited (PDP) is an environmental consultancy providing engineering, scientific and planning services. We are dedicated to finding environmental solutions that work for both our clients and the environment.

What sets us apart is our ability to remove the barriers between scientific study, engineering application and environmental management. This seamless integration means that you have the opportunity to develop across a broad spectrum of civil and environmental fields.

We have a reputation for integrity, technical superiority and quality. You will be working with high calibre people at all levels and professionals who are leaders in their field.

Due to continued growth, opportunities exist in our Auckland office for a senior engineering geologist or hydrogeologist interested in:

- ∴ Providing geology expertise to a range of PDP projects including slope instability, route selection/assessment and construction
- ∴ Contributing to hydrogeology and contaminated site projects
- ∴ Developing special client relationships

This is a chance to work within a multidisciplinary team of sector leading scientists and environmental engineers. You will be given the opportunity to continue to develop your skills and work on a varied range of interesting projects.

To make a confidential enquiry contact:

Teresa Seux, Human Resources Manager
on 09 523 6942
employment@pdp.co.nz



PATTLE DELAMORE PARTNERS LTD

Senior Engineering Geologist

Job Description

Duties

The Senior Engineering Geologist works within the engineering geology/groundwater team on a wide range of projects. This role includes the opportunity to work in other environmental fields including contaminated sites and water resources.

Main duties to include one or more of:

- ✦ Planning and carrying out engineering geology investigation, monitoring and remediation programmes for projects such as slope instability, pipelines, landfills and building foundations
- ✦ Engineering geological model development
- ✦ Remedial works assessment and design of monitoring systems and instrumentation
- ✦ As-built recording for construction and remediation phases of projects
- ✦ Writing reports on technical work
- ✦ Managing projects by co-ordinating subcontractors and liaising with regulators and client contacts
- ✦ Potential project areas include slope instability, pipeline route selection/construction and engineering geological input for other PDP disciplines such as wastewater retention, stormwater disposal and landfills
- ✦ Application of company policies in areas including health and safety, quality, administration and technical procedures
- ✦ Preparing technical papers for presentation at conferences

Other duties may include one or more of:

- ✦ Hydrogeological investigations and assessment including drilling, instrumentation, testing and groundwater flow regime analysis. Potential project areas include water supply, mining, quarrying and landfills
- ✦ Assessment of contaminated sites (e.g. timber treatment, gasworks, horticultural, petroleum). Geological logging, groundwater/soil/surface water sampling, results analysis, conceptual model development and assessment against guidelines. Project management, reporting, and liaison with clients and regulators

Technical Skills

Training and experience in:

- ✦ Planning and undertaking engineering geological/geological investigations including aerial photograph interpretation, mapping, supervision of drilling and test pitting, hand-augering and preparation of geological logs, organising lab testing and interpretation of results
- ✦ Engineering geological assessment including cross-section interpretation
- ✦ Concise reporting

Training/experience in the following would also be advantage:

- ✦ Hydrogeological drilling programmes, permeability testing and conceptual model development
- ✦ Contaminated site investigation and assessment

Personal Qualities

- ∴ Good interpersonal skills
- ∴ Ability to work on several projects at a time
- ∴ Ability to work to deadlines
- ∴ Self starter
- ∴ Professional approach to work

Experience

- ∴ 5 to 10 years, preferably in a consulting environment and ideally including experience in hydrogeology

Qualifications

Degree, preferably Masters Level, in Geology or Engineering Geology from well-recognised university.