

## ENGINEERING GEOLOGY SERVICES

Although often overlooked, evaluation of geologic structure, materials, geomorphology and geologic history provides critical information for project planning and design.



Engineering geology is critical to evaluation of:

- Rock slopes and landslides
- Erosion and seepage control
- Grading design and construction
- Groundwater resources
- Rock excavatability
- Fault hazards / capability analysis
- Seismic shaking hazards
- Mineral resources

Additionally, understanding site geology assists the civil and geotechnical engineer in evaluation of soil settlement and collapse, bearing capacity, liquefaction, seepage, infiltration, and soil/bedrock heave.

*GEOPlus*' geologists and engineers have extensive experience with evaluation, risk assessment and impact

mitigation of the above discussed geologic and geotechnical conditions and more. We have provided our services for such projects as:

- Highway construction & emergency repairs
- Hillside development
- Commercial & industrial facilities
- Schools & hospitals
- Retail centers
- Civic facilities
- Power generation & distribution
- Groundwater supply development
- Wastewater treatment & disposal
- Pipelines and reservoirs
- Investigation of failures

*GEOPlus* offers a full spectrum of related services as well, including:

- *Geotechnical Engineering*
- *Environmental Engineering*
- *Groundwater Resource Evaluation*
- *Materials Engineering*
- *Construction Materials Testing & Special Inspection*

