

Slope Stabilisation

- **STABILITY APPRAISAL**
Site appraisal to assess stabilization options.
- **DRAINAGE**
Often providing the most economic stabilization measure.
- **SOIL NAILING & ANCHORS**
Particularly effective where new cuts are proposed.
- **PILING**
Either stabilizing piles or retaining walls.

Slope Stabilisation

The stability of sloping ground can be a concern for natural slopes, new excavations and infrastructure cuttings and embankments (many of Victorian origin). If your project requires consideration of slope stability Remedy Geotechnics can assist with initial appraisal and development of a cost effective stabilization strategy.

Economic slope stabilization starts with a careful evaluation of the prevailing ground and ground water conditions. Developing a cost effective strategy comes next, often comprising a number of geotechnical solutions, to achieve the desired level of stability. Remedy Geotechnics' design capability and practical experience is well placed to assist you in this process.

CASE STUDY

The railway line serving Ilkley, West Yorkshire runs across a 1.5km wide active landslide complex where the river Wharf is constantly eroding the base of the hillside. Following a detailed appraisal of the site a strategy of slope improvements including drainage, monitoring, soil nailing and piling was considered to secure the performance of the railway. (Work undertaken with Atkins Geotechnics.)

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