

## Former Stone Quarry, Bath

### Our Services

- Desk Study Assessment
- Rock Cutting Condition Survey
- Rotary Drilling Investigation
- Ground Stability Assessment
- Interpretative Reporting
- Risk Evaluation
- Life Cost Budgeting of Remediation



### Pre-acquisition Geotechnical Survey

**CGL** was approached to provide expert advice as part of a pre-acquisition survey of a development situated on a worked bench of a former stone quarry near Bath. Advice was required on potential risks associated with suspected ground movements adjacent to a Victorian building, currently used as a care home for the elderly.

**CGL** undertook a desk based study to trace the historic development of the quarry, prior to undertaking an intrusive investigation.

The investigation comprised rotary drilling of the ground adjacent to the building foundations and use of 'down hole' CCTV equipment to view rock bedding, voids and suspected fill materials. This, combined with **CGL's** engineers on site to log the ground conditions, identified a significant deposit of spoil, believed to have been tipped over the previously quarried face, which is now heavily vegetated.

A condition survey was also carried out along the exposed rock faces around the site to assess risks from rockfalls and to identify where remedial measures would be required.

Reporting by **CGL** provided interpretation and a ground model for the conditions below the site and gave advice on short and long term ground stability issues. Budget costs and a scope of remedial measures were included to assist the client in assessing risk, remedial requirements and ultimately cost commitments.