

## **Jet Grouting – Design and Quality Control**

Jet grouting is an erosional based grouting technique with a wide application range, with erosion diameters exceeding 4 meters it can be used for various sealing slab and ground improvement solutions further extending its useful application range. The design and quality control of jet grouting are closely related and dependent variables which when chosen and executed correctly can lead to a successful jet grouting project. The demand placed on the jet grouting solution requires repetitive quality be achieved from soilcrete element to soilcrete element. This presentation will provide useful design parameters including diameter range and strength by soil conditions which are discussed in the presentation as well as quality control measures to certify that they have been met. Although not a direct focus of the presentation, various applications will be discussed as they relate to the overall design of the jet grouting solution.