

# COMPACTION GROUTING



Compaction grouting is typically performed in loose or weak soils to mitigate settlements and is also used for sinkhole remediation. Compaction grouting involves the injection of a very stiff, mortar like, cementitious grout into soil to densify or compact the soil under high pressure.

When injected, the grout will not permeate the surrounding soils, but instead form “grout bulbs” that laterally displace the soil. By repeating the process in adjacent holes the soil between the holes is densified through the lateral displacement.

- ▲ Compaction grouting to depths exceeding 100 feet (30 m).
- ▲ Improved soil mass through densification.
- ▲ Sinkhole remediation.



**Advanced Construction Techniques**  
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