

Helical Drilling Application Matrix

Applications	Helical Capabilities				Grouting Capabilities					
	Conventional Helicals	Grouted Helical	Helical Tiebacks	Helical Soil Nailing	Compaction Grouting	Limited Mobility Grouting	Compaction Columns	Grouted Rock & Soil Anchors	Curled Slab Repair	Slab Raising
New Construction	✓	✓	✓	✓	✓	✓		✓	✓	
Underpinning foundations	✓	✓			✓	✓	✓			
Slab settlement repair	✓	✓			✓		✓	✓	✓	✓
Support of elevator shafts	✓	✓			✓		✓			
Increased footing capacity	✓	✓			✓	✓	✓			
Resupport of equipment	✓	✓			✓		✓	✓		✓
Permanent & temp. tension anchors	✓	✓	✓	✓				✓		
Walkways in wet lands	✓									
Support of bridges abutments		✓			✓		✓			
Mitigation of liquefaction		✓			✓		✓			
Soil densification					✓	✓				
										