

	Applications																			
	Depth to Bedrock	Stratigraphy	Lithology	Fractured Zones	Fault Displacement	Dynamic Elastic Moduli	Mineral Ore Body	Rippability	Cavity Detection	Buried Artifact and UXO	Ground Water Exploration	Ground Water Contamination	Archaeology	Porosity	Clay Pockets in Limestone	Sand and Gravel	Basic Igneous Dykes	Agriculture	Catholic Protection of Pipes	Structural Analysis
Seismic																				
Refraction	4	4	3	3	4	3	2	4	1	1	2	2	2	0	1	2	1	1	1	3
Reflection- Land	2	2	2	1	2	0	3	0	2	1	2	1	0	0	0	0	1	1	1	1
Reflection- Marine	4	4	2	2	4	0	0	1	0	2	0	0	2	0	0	0	0	0	0	2
Cross-hole	2	2	3	3	1	4	2	2	3	1	0	0	0	0	0	1	2	0	0	3
Surface Waves	0	0	0	3	0	4	2	0	3	0	0	0	0	0	1	1	0	1	0	3
Electrical																				
Resistivity Sounding	4	3	3	2	2	0	2	1	2	0	4	3	0	3	0	3	0	2	4	1
Induced Polarisation	2	2	3	1	0	0	4	0	0	0	3	4	0	3	1	1	1	1	2	1
Electromagnetic (EM) Profiling	3	2	2	4	1	0	4	0	3	3	2	3	3	1	2	3	3	4	4	2
Resistivity Imaging	3	3	2	2	2	0	1	0	3	0	3	4	3	0	4	4	2	3	2	3
Other																				
Ground Penetrating Radar	2	2	1	2	3	0	1	0	3	4	2	2	4	1	2	1	2	2	1	4
Gravity	1	1	0	0	2	0	4	0	4	2	1	1	0	0	1	1	2	0	0	1
Borehole Methods	2	2	4	2	0	3	4	0	1	0	3	3	0	3	2	2	0	0	0	3
Magnetic	0	0	0	2	2	0	3	0	2	4	1	1	0	3	2	4	0	0	1	2

0= Not considered applicable

1= Limited use

2= Used, or could be used, but not the best approach, or has limitations

3= Excellent potential but not fully developed

4= Generally considered as an excellent approach, techniques well developed