

Matrix Index for Impregnated Diamond Core Bits

		F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
Soft	Broken and Backfilled Stratum										
	Clay										
	Sandstone										
	Gypsum										
	Talc										
	Tuff										
	Shale										
	Serpentinite										
	Calcite										
Medium	Siltstone										
	Limestone										
	Marble										
	Andesite										
	Dolomite										
	Reinforce concrete										
	Porphyry										
Hard	Basalt										
	Pegmatite										
	Gabbro										
	Schist										
	Norite										
	Syenite										
	Peridotite										
Very Hard	Amphibolite										
	Diorite										
	Gneiss										
	Granite										
	Rhyolite										
	Quartzite										
Ultra Hard	Ironstone										
	Taconite										
	Jasperite										
	Quartz										
	Chert										
Coarse- grained, fractures weathered, abrasive formations											
Coarse- grained, fractures weathered, abrasive very abrasive formations											