

# Impregnated Diamond core bits

## Matrix Index for Impregnated Diamond Core Bits

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