

MATRIX SELECTION CHART



Rock Group	Formation Description	Rock Type	Matrix Selection Chart
Unconsolidated	1-4 Soft To Medium Hard Extremely To Slightly Abrasive Extremely To Slightly Broken	Shale, Sandstone, Limestone,	DE 2A
	5 Medium Hard Abrasive Moderately To Slightly Broken	Limestone, Dolomite, Weathered Granite, Weathered Gneiss, Serpentinite, Metaperidotite	DE 5, DE 6, DE 6A, DE 6E, DE 7, DE 7A, DE 7E
	6 Medium Hard Moderately Abrasive Moderately To Slightly Broken	Diorite, Gabbro, Peridotite, Gneiss, Basalt, Andesite	DE 8, DE 8A, DE 8E
	7 Medium Hard - Hard Moderately Abrasive Slightly Broken To Competent	Metabasalt, Amphibolite, Metamorphosed Diorite, Metamorphosed Gabbro, Diabase	DE 9, DE 9A, DE 9E
	8 Hard Slightly Abrasive Competent	Quartz-Rich Skarn, Granite, Pegmatite	DE 10
Consolidated	9 Very Hard Slightly Abrasive Or Non-Abrasive Very Competent	Metamorphosed Granitic Rock, Quartz-Rich Gneiss	DE 11, DE 11A, DE 11F, DE 13, DE 13A, DE 13F
	10 Extremely Hard Non-Abrasive Fine Grained To Amorphous Very Competent	Chert, Jasperite, Quartzite, Highly Metamorphosed Volcanics	