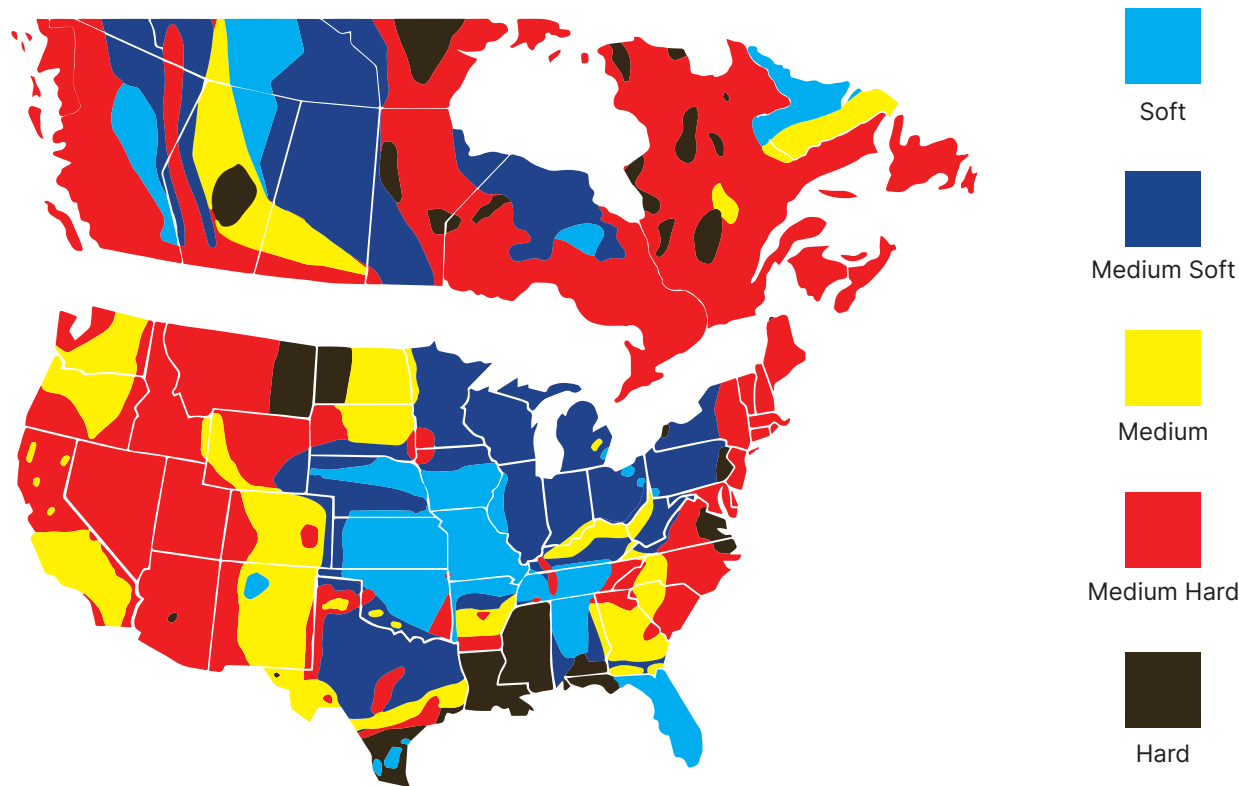


AGGREGATE MAP



AGGREGATE HARDNESS TO BOND RELATIONSHIP

	CRITICALLY HARD	HARD	MEDIUM	SOFT	GREEN
HARDNESS	8,000 PSI ex. power plants	6,000 - 8,000 PSI ex. bridges & airport runways	4,000 - 6,000 PSI ex. bridges & airport runways	2,000 - 4,000 PSI ex. patios & walks	> 2,000 PSI ex. concrete less than 48 hours old
AGGREGATE TYPE	flint, chert, basalt, trap rock, quartz	river rock, quartz, some granite, schist	some limestone, some granite, some marble, dolomite	sandstone, some limestone, some marble	can be any combination of rocks determined by end-product usage
AGGREGATE SIZES	Sieved Gravel + 1.5" ← RANGE → Pea Gravel approx 0.25" diameter				
SAND	round (low abrasion) ← RANGE → Sharp (high abrasion)				
STEEL REINFORCING	HEAVY - #4 rebar (1/2") - #5 rebar (5/8") - Multi mat wire mesh		MEDIUM - #4 rebar (1/2") - Multi mat wire mesh	LIGHT - Single mat wire mesh	
BOND HARDNESS SELECTION	SOFT BOND  HARD BOND				