

Unified Soil Classification System

MAJOR DIVISIONS		SYMBOL	TYPICAL NAMES
COARSE GRAINED SOILS	GRAVELS	CLEAN GRAVELS	GW Well-Graded Gravel, Gravel-Sand Mixtures.
			GP Poorly-Graded Gravel, Gravel-Sand Mixtures.
		GRAVELS WITH FINES	GM Silty Gravel, Gravel-Sand-Silt Mixtures.
			GC Clayey Gravel, Gravel-Sand-Clay Mixtures.
	SANDS	CLEAN SANDS	SW Well-Graded Sand, Gravelly Sand.
			SP Poorly-Graded Sand, Sandily Sand.
		SANDS WITH FINES	SM Silty Sand, Sand-Silt Mixtures.
			SC Clayey Sand, Sand-Clay Mixtures.
FINE GRAINED SOILS	SILTS AND CLAYS	ML Inorganic Silt, Silty Sand or Fine Sand.	
		CL Inorganic Clay of Low to Medium Plasticity, Sandy or Silty Clay.	
		OL Organic Silt and Clay of Low Plasticity.	
	SILTS AND CLAYS	MI Inorganic Silt, Elastic Silt, Micaceous Silt, Fine Sand or Silt.	
		CH Inorganic Clay of High Plasticity, Fat Clay.	
	SILTS AND CLAYS	OH Organic Clay of Medium to High Plasticity.	
		PT Peat, Muck and Other Highly Organic Soils.	
Highly Organic Soils			



