



## CHANCE SOIL CLASSIFICATION DATA

Soil Classification	8	7	6	5	4	3	2	1	0
Type of Soil	fill, swamp, marsh	flood plain soils, lake clays, adobe, gumbo fill	dense hydraulic fill, compact fill residual soils	saprolites, residual soils	hard pan, marls	glacial till, weather shales, siltstone	boulder clay, weather laminate rock, caliche	caliche	unweathered, granite, limestone
Bearing Capacity (lbs. per sq. ft.)	0	750	2500	6000	10000				
Probe Value (in-lbs.)	less than 100	100-200	200-300	300-400	400-500	above 500			
Description of Soil					medium sands & gravel	dense sands & gravel		course gravel	sound hard rock
	very loose sands	loose fine sands	Loose to medium fine sands; loose to medium coarse sands	medium coarse sands			dense fine sands	very dense sands, cemented sands	
	very soft clays	loose soft firm clays; varied clays	firm to stiff clays	stiff to very stiff clays	very stiff to hard clays	hard clays	very hard clays		
	wet or organic silts		firm to stiff silts	stiff to very stiff silts	very stiff to hard silts	hard silts	very hard silts		
	peat, fly ash	fill							

### Perpendicular compressive strength characteristics for BMK pole set products:

Polecrete® Stabilizer ~ 11,800 psf

Polecrete® Stabilizer HD ~ 21,600 psf

Postloc® ~ 48,100 psf

psf = lbs/f<sup>2</sup>