

Anchor Application Information - Soil Classification Data

CLASS	DESCRIPTION	CLASSIFICATION	PROBE VALUES IN LBS.	TYPICAL BLOW COUNT
0	Sound hard rock, unweathered	Granite, Basalt, Massive limestone	N/A	N/A Rod
1	Very dense and/or cemented sands, coarse gravel, and cobble	Caliche, (nitrate-bearing) gravel/rock, weather sandstone	750-1600	60-100 +
2	Dense fine sand, very hard silts and clays (may be pre loaded)	Basal till; boulder clay; caliche; weather laminated rock	600-750	45-60
3	Dense clays, sands, and gravel; hard silts and clays	Glacial till; weathered shale, schist, gneiss and siltstone	500-600	35-50
4	Medium dense sandy gravel; very stiff to hard silts and clays	Glacial till; hardpan; marls	400-500	24-40
5	Medium dense coarse sand and sandy gravels; stiff to very stiff silts and clays	Saprolites, residual soils	300-400	14-25
6	Loose to medium dense fine to coarse sand; firm to stiff clays and silts	Dense hydraulic fill; compacted fill; residual soils	200-300	7-14
7	Loose fine sand; Alluvium looses; soft firm clays; varied clays; fill	Flood plain soils; lake clays; adobe; gumbo, fill	100-200	4-8
8	Peat, organic silts; inundated silts, fly ash	Miscellaneous fill, swamp march	Less than 100	0-5



Physical Address: 3530 Buck Owens Blvd., Bakersfield, CA 93308

Mailing Address: P.O. Box 668, Bakersfield, CA 93302-0668

661.324.6514 | 800.423.8016 | Fax: 661.324.6566

info@jimssupply.com | www.jimssupply.com