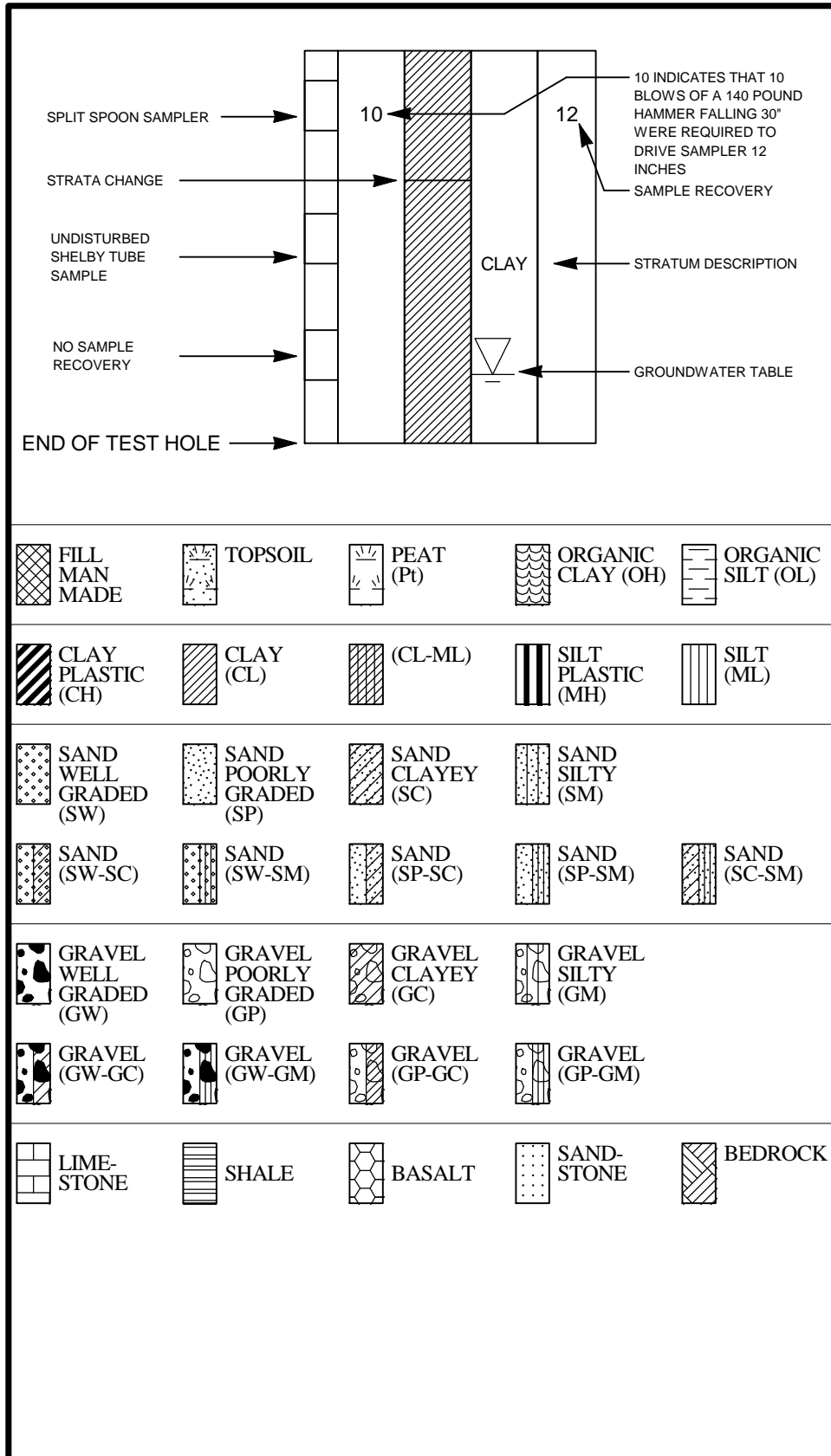


KEY TO TEST HOLE



RELATIVE DENSITY (SAND & SILT)

	<u>BLOWS/FOOT</u>
VERY LOOSE	<4
LOOSE	4 - 10
MEDIUM DENSE	10 - 30
DENSE	30 - 50
VERY DENSE	>50

CONSISTENCY (CLAY)

	<u>SHEAR STRENGTH</u> (psf)	<u>BLOWS</u> <u>/FOOT</u>
VERY SOFT	<250	<2
SOFT	250 - 500	2 - 4
MED. STIFF	500 - 1000	4 - 8
STIFF	1000 - 2000	9 - 15
VERY STIFF	2000 - 4000	16 - 30
HARD	>4000	>30

ABBREVIATIONS

- LL - LIQUID LIMIT (%)
- PI - PLASTIC INDEX (%)
- W - MOISTURE CONTENT (%)
- DD - DRY DENSITY (PCF)
- NP - NONPLASTIC
- 200 - PERCENT PASSING NO. 200 SIEVE
- phi - ANGLE OF INTERNAL FRICTION
- C - COHESION (PSF)
- p - HAND PENETROMETER (TSF)

NOTES:

- The soils have been classified in accordance with the Unified Classification System.

FILL MAN MADE	TOPSOIL	PEAT (Pt)	ORGANIC CLAY (OH)	ORGANIC SILT (OL)
CLAY PLASTIC (CH)	CLAY (CL)	(CL-ML)	SILT PLASTIC (MH)	SILT (ML)
SAND WELL GRADED (SW)	SAND POORLY GRADED (SP)	SAND CLAYEY (SC)	SAND SILTY (SM)	
SAND (SW-SC)	SAND (SW-SM)	SAND (SP-SC)	SAND (SP-SM)	SAND (SC-SM)
GRAVEL WELL GRADED (GW)	GRAVEL POORLY GRADED (GP)	GRAVEL CLAYEY (GC)	GRAVEL SILTY (GM)	
GRAVEL (GW-GC)	GRAVEL (GW-GM)	GRAVEL (GP-GC)	GRAVEL (GP-GM)	
LIME-STONE	SHALE	BASALT	SAND-STONE	BEDROCK