SOIL & ROCK TYPES

- CLAYEY
- CLAY
- SILTY
- SILT
- SANDY
- SAND
- GRAVEL OR GRAVELLY

SAMPLER TYPES

- THIN-WALLED TUBE
- SPLIT-BARREL
- DR = DROPPED ROD
- NO RECOVERY

SOIL PROPERTIES

SHEAR STRENGTH TESTS

- ○ HAND PENTROMETER
- ⊗ UNCONFINED COMPRESSION
- ▽ TORVANE

WATER CONTENT SCALE

- ● WATER CONTENT

+-+ PLASTIC LIMIT +-----+ LIQUID LIMIT

SOIL DESCRIPTION AND STRUCTURE

INTERBEDDED: CONTAINING ALTERNATING LAYERS OF DIFFERENT SOIL TYPES.

INTERMIXED: CONTAINING APPRECIABLE, RANDOM AND DISORIENTED QUANTITIES OF VARYING COLOR, TEXTURE OR CONSTITUENCY.

LAMINATED: CONTAINING THIN LAYERS OF VARYING COLOR, TEXTURE OR CONSTITUENCY.

LAYER: THICKNESS GREATER THAN 3 INCHES.

MOTTLED: CONTAINING APPRECIABLE, RANDOM SPECKLES OR POCKETS OF VARYING COLOR, TEXTURE OR CONSTITUENCY.

PARTING: PAPER THIN.

SEAM: THICKNESS RANGING FROM 1/8 INCH TO 3 INCHES.

DESCRIPTIVE NOTATIONS AND TERMS

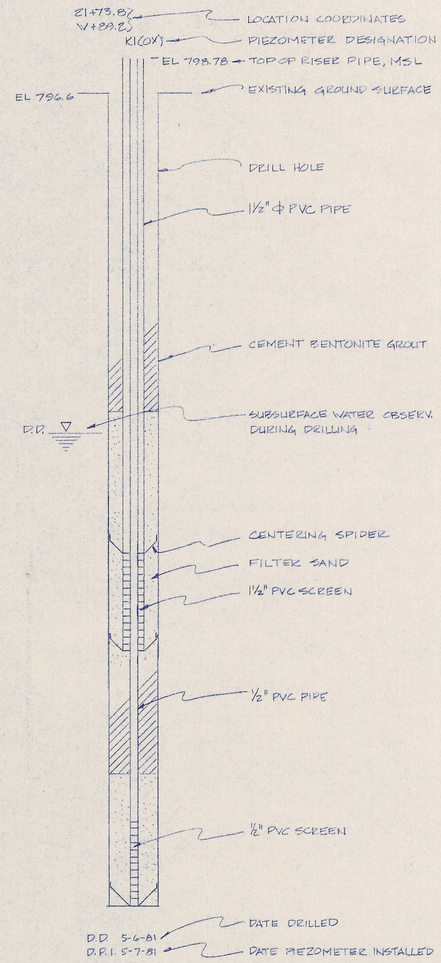
N, BLOWS PER FOOT: BLOWS OF A 140-LB HAMMER DROPPED 30 IN. TO DRIVE A 2-IN O.D., 1 3/8-IN. I.D. SPLIT-BARREL SAMPLER ONE FOOT (STANDARD PENETRATION RESISTANCE TEST, ASTM D 1586-67). BLOWS DO NOT INCLUDE INITIAL 6-IN. SEATING OF SAMPLER.

COARSE GRAINED SOILS: INCLUDE CLEAN GRAVELS AND SANDS AND SILTY OR CLAYEY GRAVELS AND SANDS W/ MORE THAN 50% RETAINED ON THE NO. 200 SIEVE.

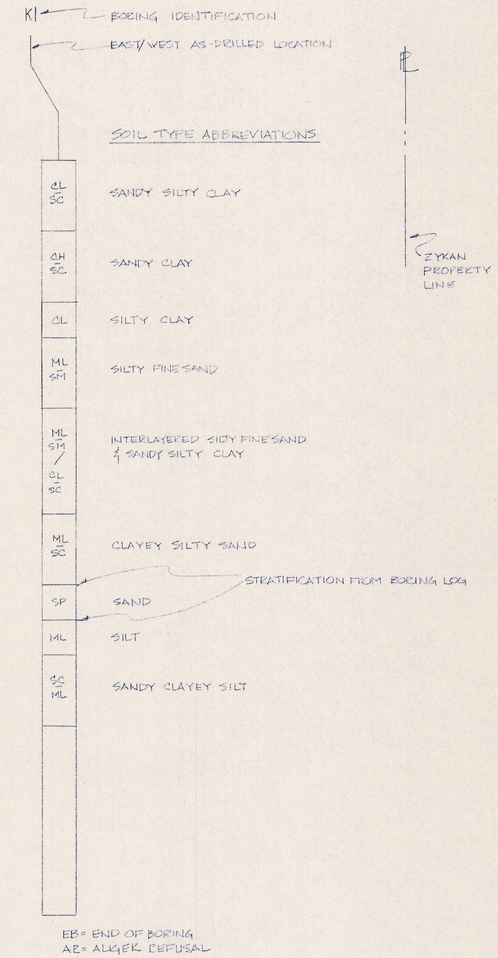
FINE GRAINED SOILS: INCLUDE INORGANIC AND ORGANIC SILTS AND CLAYS, GRAVELLY, SANDY OR SILTY CLAYS AND CLAYEY SILTS W/ MORE THAN 50% PASSING THE NO. 200 SIEVE.

MODIFIERS: PREDOMINANT TYPE: 50% TO 100%; MODIFYING TYPE: 12% TO 50%; WITH: 5% TO 12%; TRACE: 1% TO 5%.

SYMBOLS & NOTATIONS USED ON BORING LOGS



PIEZOMETER LEGEND



GEOLOGIC SECTION LEGEND

Revision	Date

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SYMBOLS & NOTATIONS

Job No. 81-008
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