COMPRESSIVE STRENGTH—TONS PER SQ. FT. (————)
PENETRATION RESISTANCE—LBS. PER FT. PER MIN. (– – – – –)

NATURAL WATER CONTENT (% OF DRY WEIGHT)

ELEVATION	DESCRIPTION
	SURFACE
+12.18	
+11.2	PAVEMENT
	GRAVEL AND DIRT FILL.
+10	
+9.1	
	STIFF BLUE & YELLOW CLAY, SOME STONES.
+6.1	
+4.7	FINE SAND, SILT AND CLAY.
	STIFF BLUE & YELLOW CLAY WITH SOME SAND GRAINS AND GRAVEL.
+0.2	
C.C.D. 0	
B.S. −2.5	
B.S. −6.5	MEDIUM FAT BLUE CLAY WITH SOME SMALL GRAVEL AND FINE SAND.
−10	
B.S. −11.5	
−15.5	
B.S. −16.5	MEDIUM STIFF FAT BLUE CLAY, SOME GRAVEL AND SEVERAL SILT PARTINGS.
−20	
B.S. −21.5	
−23.0	REMOLDED MATERIAL APPEARS TO BE VERY SOFT BLUE CLAY.
B.S. −29.0	
−30	MEDIUM FAT SANDY BLUE CLAY AND GRAVEL.
−30.5	
B.S. −33.5	STIFF MEDIUM FAT BLUE CLAY WITH SOME GRAVEL AND FINE SAND.
B.S. −39.5	
−40	
−42.75	BOTTOM OF BORING
−50	

.05 .10 .20 .40 .80 1.60 Compressive Strength
25 50 100 200 400 800 Penetration Resistance

0 10 20 30 40 50

PENETRATION RESISTANCE

COMPRESSIVE STRENGTH

TUNNEL

GENERAL NOTES:

B.S. – BOTTLE SAMPLE

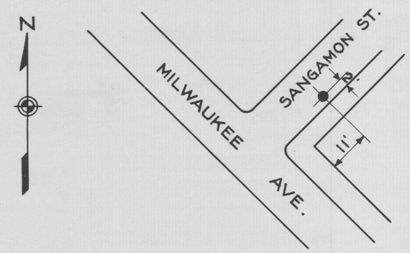
⊠ – LOST SAMPLE

MINOR ADDITIONS , 11-1-39

BORING NO. Q-35 STA. 158+72.5

DATE: 5-3-39 CONTRACT D-4

LOCATION: SANGAMON ST. AT MILWAUKEE AVE.



CITY OF CHICAGO
DEPARTMENT OF SUBWAYS AND TRACTION

CHICAGO SUBWAY PROJECT
BORING REPORT
TWO INCH SHELBY TUBING SAMPLES

DATE: 8-3-39

DRAWING No.: