

BORING #1

BORING #2

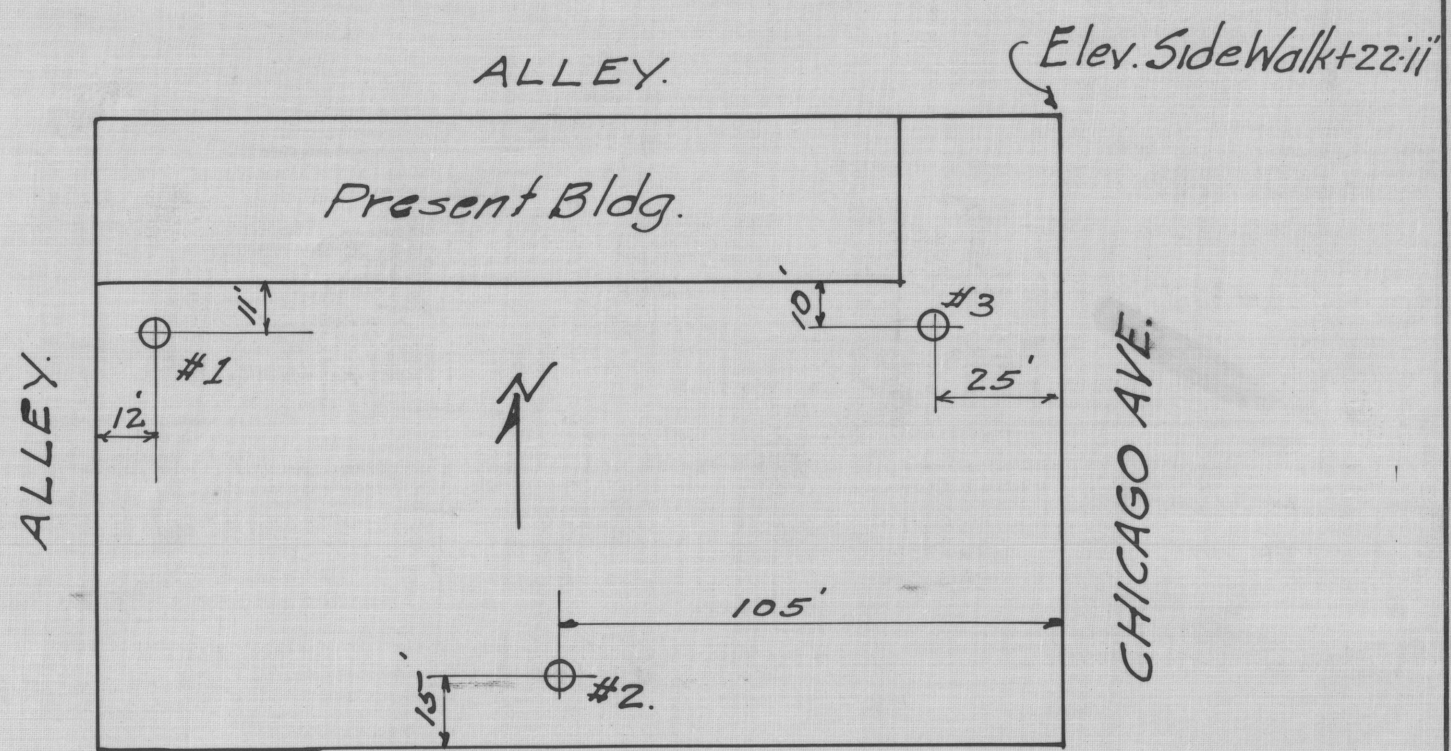
BORING #3

0:0"		+22:0"
1:11"	1:11" Cinders+fill.	+20:1"
3:6"	1:7" Dirty sand	+18:6"
6:6"	3:0" Fine yellow sand.	+15:6"
7:11"	1:5" sand+gravel.	+14:1"
		C.S.
6:10"	Grey sandy silt+loam	C.S.
14:9"		+7:3"
16:7"	1:10" Very fine grey sand.	+5:5"
		C.S.
21:2"	4:7" Tough blue clay.	+0:10"
23:8"	2:6" Stiff blue clay	-1:8"
		C.S.
6:10"	Soft blue clay. Sandy.	C.S.
30:6"		-8:6"
		C.S.
28:4"	Very soft blue clay. Sandy.	C.S.
		C.S.
58:10"		-36:10"
3:8"	Hard loam sand+clay.	C.S.
62:6"		-40:6"
66:0"	3:6" Tough blue clay. Hard sand pockets	-44:0"
		C.S.
20:0"	Very hard blue clay. sandy Stony	C.S.
		C.S.
86:0"		-64:0"
		C.S.
17:6"	Very compact sand.	C.S.
		C.S.
103:6"		-81:6"
104:9"	1:3" Hard sand	-82:9"
	Bed Rock or Boulder.	

0:0"		+22:9"
2:6"	2:6" Cinders+fill.	+20:3"
7:2"	4:8" Fine yellow sand	+15:7"
8:6"	1:4" sand+gravel.	+14:3"
		C.S.
13:8"	5:2" Grey sandy silt+loam	+9:1"
		C.S.
17:4"	3:8" Hard sand +gravel.	+5:5"
		C.S.
22:8"	5:4" Tough blue clay.	+0:1"
		C.S.
26:0"	3:4" Stiff blue clay	-3:3"
29:1"	3:1" Soft blue clay.	-6:4"
		C.S.
19:11"	Very soft blue clay	C.S.
49:0"		-26:3"
13:0"	Stiff blue clay. sandy.	C.S.
62:0"		-39:3"
6:3"	Tough blue clay.	C.S.
68:3"		-45:6"
9:10"	Very hard blue clay sandy.	C.S.
78:1"		-55:4"
3:3"	Thin sand seams	C.S.
81:10"		-59:1"
84:6"	2:8" Very hard sand+clay	-61:9"
6:10"	Very compact silt	C.S.
91:4"		-68:7"
		C.S.

0:0"		+22:7"
3:4"	3:4" Black earth + fill.	+19:3"
5:6"	Fine yellow sand+gravel	+13:9"
8:10"		+9:7"
13:0"	4:2" Grey sandy silt+loam	+5:7"
17:0"	4:0" Very fine grey sand	C.S.
22:4"	5:4" Tough blue clay.	+0:3"
		C.S.
29:10"	7:6" Stiff blue clay.	-7:3"
		C.S.
19:2"	Very soft blue clay. Sandy.	C.S.
43:0"		-26:5"
		C.S.
19:6"	Stiff blue clay. Gravel seams.	C.S.
68:6"		-45:11"
12:0"	Very hard blue clay Many sand +gravel pockets.	C.S.
80:6"		-57:11"
82:5"	1:11" Hard loam +stone pct.	-59:10"
21:1"	Very compact silt-sandy	W.S.
		W.S.
103:6"		-80:11"
	Bed Rock or Boulder.	

Evanston City Datum



Notes:-  
 — A.S. indicates auger sample taken at this point.  
 — W.S. indicates wash sample taken at this point.  
 — C.S. indicates core sample taken at this point.  
 Elevation of Ground Water +15:6"  
 The sand and sand and gravel and sandy silt above the clay at this site vary greatly in bearing value, the clean sand being compact while the silty silt is quite soft.  
 The upper 5' of clay is good tough to very tough clay, but below Elev +0:0" the clay becomes rapidly softer merging into soft and very soft clay which "swelled" badly and had to be cased in drilling thru it.  
 Very hard ground, consisting mostly of clay, containing considerable fine and coarse gravel, but also containing numerous hard sand pockets, was encountered in these borings at Elev. -45' approx. Below this hard clay stratum, and extending as far as drilled is a thick bed or seam of very compact sand in #1 and very compact silt in #2 & #3. The samples taken in #2 and #3 are all wet indicating that this stratum is water bearing; this material stood well without casing in drilling thru it.  
 #1 however had to be cased to the rock, the sand raising from 3' to 8' above the bottom of the casing with the drill rods pulled out.

TEST BORINGS.  
 BELL TELEPHONE COMPANY.  
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