

Boring No. 1.

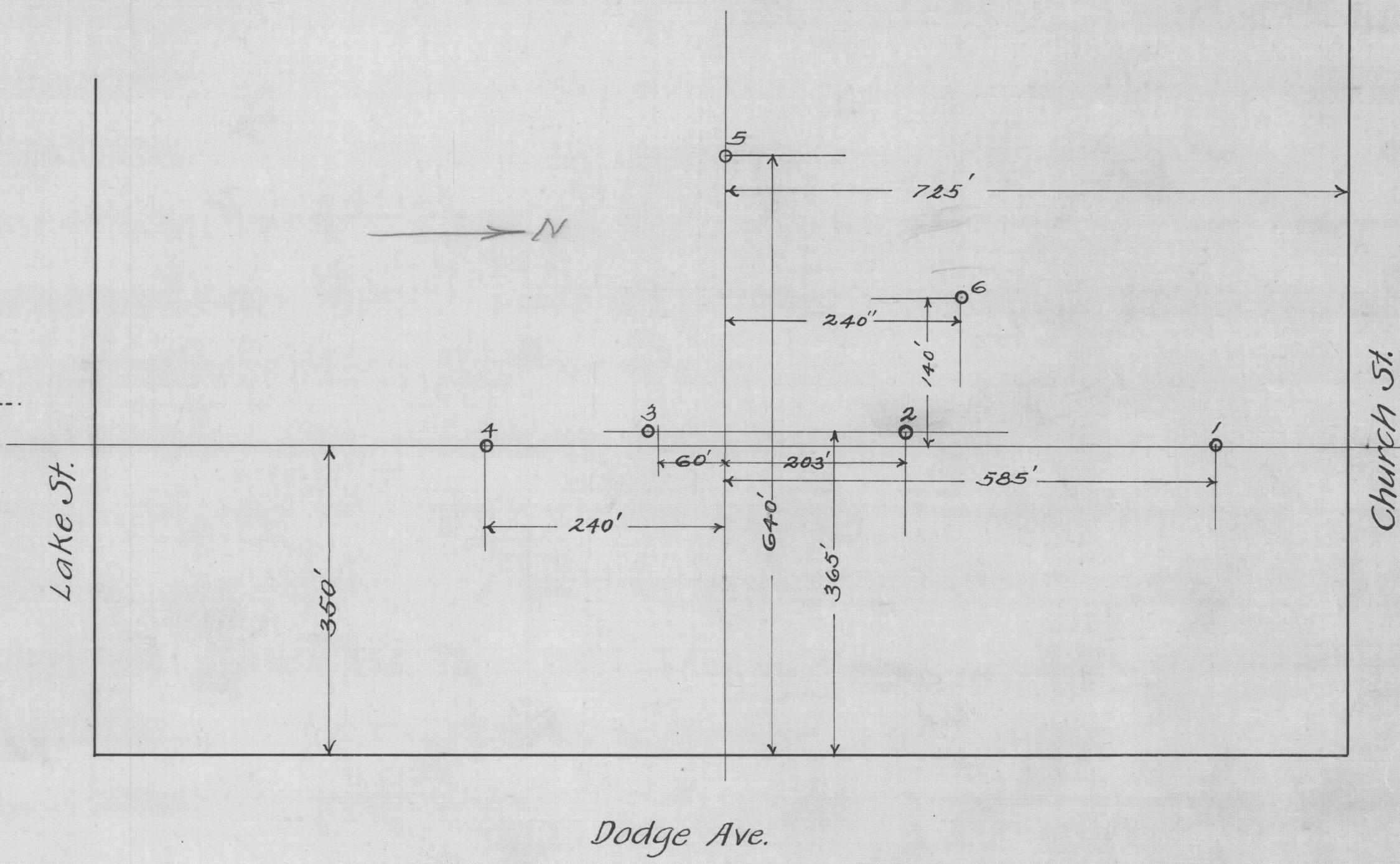
Boring No. 2.

Boring No. 3.

1'8" 1'8"	Black Earth	+16' 6"
4'0" 2'4"	Sandy Loam.	+14' 10"
4'6"	Very tough Clay.	+12' 6"
8'6"		+8' 0"
7'6"	Stiff Blue Clay	
16'0"		+0' 6"
4'0"	Soft blue Clay.	-3' 6"
20'0"		
14'0"	Very soft blue Clay.	
34'0"		-17' 6"
3'0"	Stiff blue Clay.	-20' 6"
37'0"		
3'0"	Compact Silt. some Clay.	-23' 0"
39'6"		

1'9" 1'9"	Black Earth	+16' 5"
4'0" 2'3"	Sandy Loam.	+14' 8"
4'6"	Very tough Clay.	+11' 11"
5'10"		+6' 1"
10'4"	Stiff blue Clay.	+1' 5"
15'0"		
15'6"	Soft blue Clay.	
30'6"		-14' 1"
31'9" 1'3"	Tough Clay.	-15' 4"
6'9"	Soft blue Clay.	-22' 1"
38'6"		
3'2"	Tough Clay and Silt.	-25' 3"
41'8"		
6'6"	Tough blue Clay.	-31' 9"
48'2"		
4'4"	Hard, dry, blue Clay.	-36' 1"
52'6"	Sandy from depth 48' to 56'	

1'6" 1'6"	Black Earth	+16' 4"
4'0" 2'6"	Sandy Loam.	+14' 10"
5'6" 1'6"	Fine Loam.	+10' 10"
4'6"	Very tough Clay.	+6' 4"
10'0"		
4'0"	Stiff blue Clay.	+2' 4"
14'0"		
16'0"	Soft blue Clay.	
30'0"		-13' 8"
10'0"	Stiff blue Clay.	-23' 8"
4'0'0"		
4'0"	Tough blue Clay.	-27' 8"
44'0"		
8'3"	Tougher blue Clay.	-35' 11"
52'3"		



Boring No. 4.

Boring No. 5.

Boring No. 6.

2'0" 2'0"	Black Earth	+16' 4"
4'0" 2'0"	Sandy Loam.	+14' 4"
4'10" 0'10"	Fine sand and silt.	+11' 6"
5'2"	Very Tough Clay.	+6' 4"
10'0"		
11'0"	Stiff blue clay.	
21'0"		-4' 8"
16'0"	Soft blue Clay.	
37'0"		-20' 8"
5'0"	Stiff blue Clay.	-25' 8"
43'0"		
6'0"	Tough blue Clay.	-32' 8"
49'0"		
3'2"	Hard, dry, blue Clay.	-35' 10"
52' 2"	Harder from 51'	

2'4" 2'4"	Black Earth.	+16' 4"
4'0" 1'8"	Sandy Loam.	+12' 4"
7'0"	Very tough Clay.	+5' 4"
11'0"		
5'0"	Stiff blue Clay.	+0' 4"
16'0"		
4'0"	Soft blue Clay.	-3' 8"
20'0"		
17'0"	Very soft blue Clay.	
37'0"		-20' 8"
5'0"	Stiff blue Clay.	-25' 8"
42'0"		
10'3"	Tough blue Clay.	
52' 3"		-35' 11"
53'4" 1'11"	Hard dry blue clay.	-37' 0"

2'0" 2'0"	Black Earth	+16' 7"
4'1" 2'1"	Sandy Loam.	+12' 6"
5'11"	Very tough Clay.	+6' 7"
10'0"		
4'0"	Stiff blue Clay.	+2' 7"
14'0"		
4'0"	Soft blue Clay.	-1' 5"
18'0"		
8'0"	Very soft blue Clay.	-9' 5"
26'0"		
9'0"	Soft blue Clay.	-18' 5"
35'0"		
13'0"	Stiff blue Clay.	
48'0"	Sand 46'6" to 47'6"	-31' 5"
4'8"	Hard dry blue Clay.	-36' 2"
52'9"		

Notes:-
 Ground Water Level, June 5 to 12, 1922, +12' 3" approximately.
 The various Clay strata merge from one to the other, rather than changing suddenly, except that the change to "Hard, dry, blue Clay", 48' to 52' below the surface is sudden and marked.
 The Clay all contains more or less fine gravel and occasional small stones, and in borings #3 & #4, the Tough Clay from 5' to 8' depth was full of coarse gravel and stones.
 The Clay from 7' to 9' in all of the borings, was exceedingly tough, and will be difficult to cut with shovels.
 The "stiff" and "very soft" strata swelled into the bore holes, and required casing.

MAP ROOM
 4103
 a-4
 sb 283
 ILLINOIS GEOLOGICAL SURVEY LIBRARY

Test Borings
 At Site of the
 New High School Building
 Evanston - Ill.

R.C. Smith
 Civil Engineer
 1206 Tribune Bldg.,
 Chicago, Ill.

June, 1922.