

54-F-218C

Hwy. 401

Toronto Township #8



"Franki Piles carry more tons per File"

FRANKI

COMPRESSED PILE COMPANY OF CANADA LIMITED

1835 YONGE STREET

TORONTO 7, ONT.

54 F 218C

CABLEGRAMS:
"FRANKIPILE"



TELEPHONE:
HUDSON 8-9309

Our Reference:

PC 316

September 20th, 1954.

SOIL INVESTIGATION REPORT

for

A.D. Margison & Associates

at

HWY #401, TORONTO TOWNSHIP #8.

As requested, we carried out a soil investigation of the proposed bridge site Toronto Township #8, at the junction of Highway 401 and the road allowance between concessions IE and II E.

RESULTS OF INVESTIGATION:

Four percussion tests were performed at the locations shown on plan #1614, 15, 16, 17 - SK-1. The results are shown on the accompanying diagrams and are summarized as follows.

S U M M A R Y

E L E V A T I O N S -

Hole No:	Ground Surface	4,000 lbs per sq.ft.	6,000 lbs per sq.ft.	Refusal
1	627	623	622	621
2	630	626	625	625 ±
3	626	622	622	620
4	629	625	625	624 ±

One Auger Boring was performed at Hole #3 with the following results.

LOG OF AUGER BORING

Hole #3.

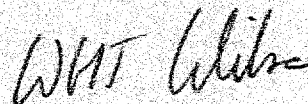
Ground Surface Elevation: 626

0' - 2' Hard medium clay
2' - 4' Hard medium clay
4' - 6' Very hard clay with pieces of shale.

September 20th, 1954.

CONCLUSION:

Foundations could safely be designed for
6,000 psf bearing at the elevations shown.

A handwritten signature in cursive script, appearing to read "WHT Wilson".

W. H. T. Wilson, P. Eng.

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: HIGHWAY #401, TORONTO TOWNSHIP #8

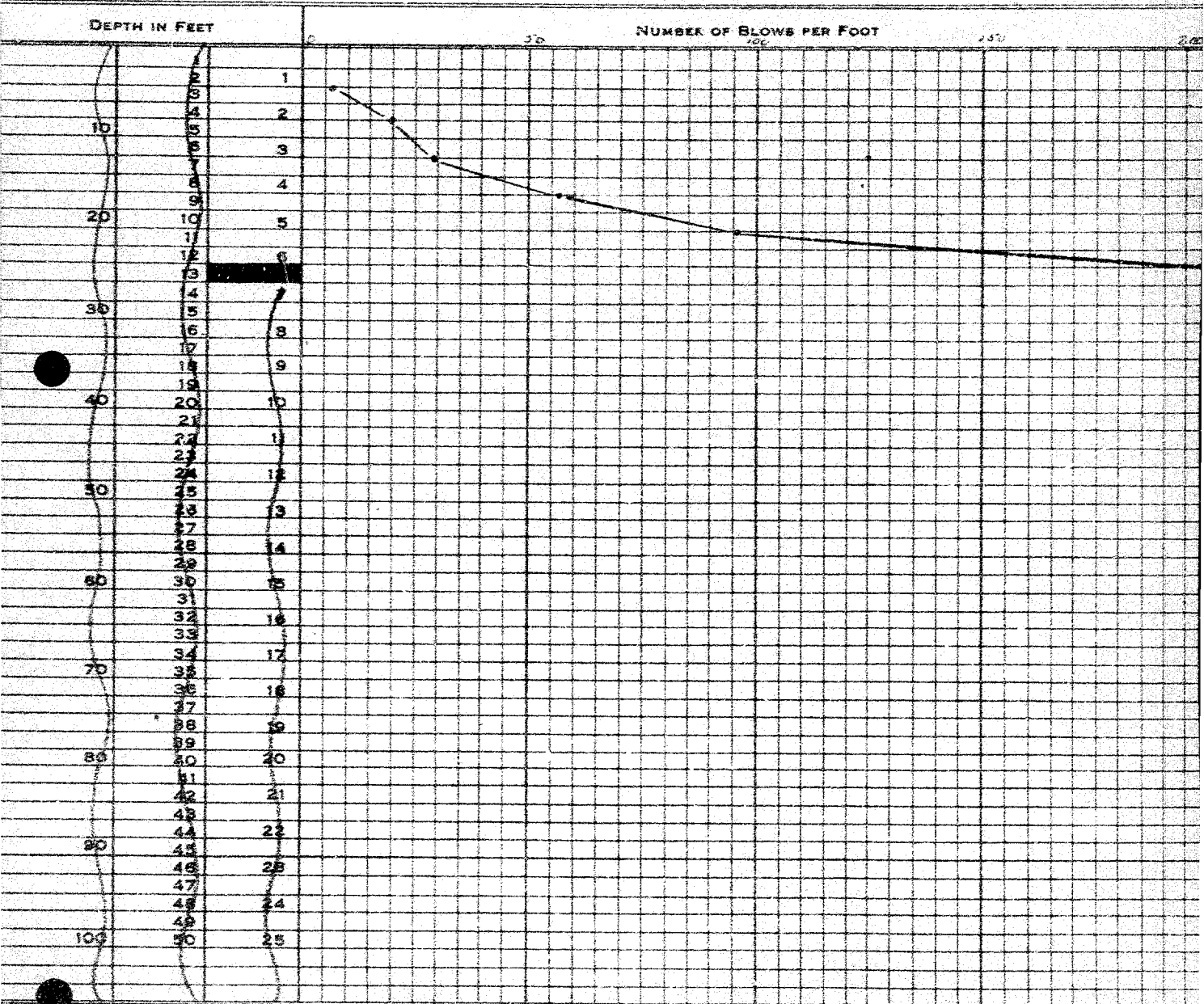
DATE SEPTEMBER 15, 1954.

JOB No. PC 316

TEST No.: 1

WEIGHT OF HAMMER 225#

DROP: 3 Ft.



Ground Surface Elevation 627

Refusal Elevation 621

Number of Blows 200 for 11"

Signed

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: HIGHWAY #401, TORONTO TOWNSHIP #8

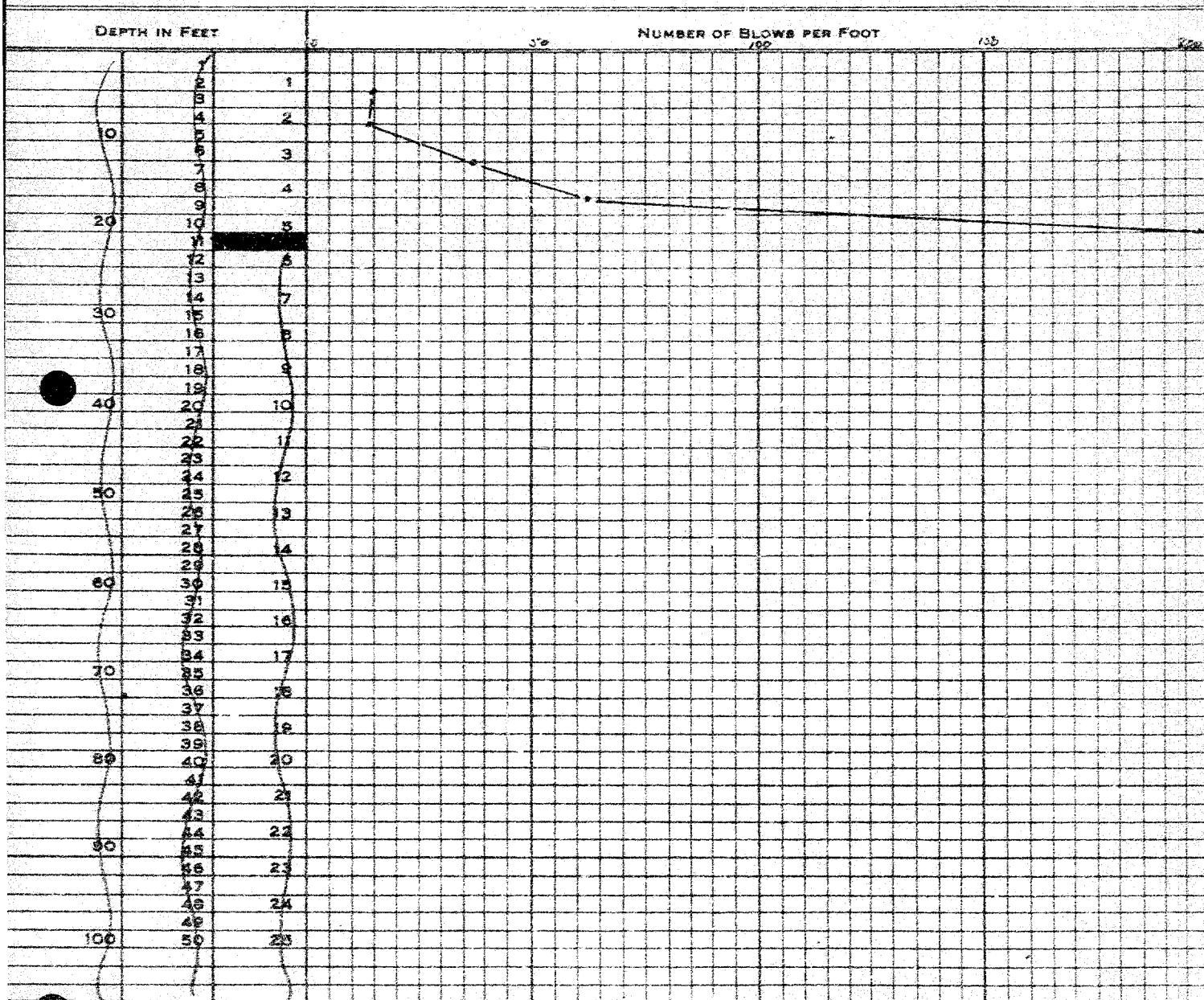
DATE SEPTEMBER 15, 1954.

TEST NO.: 2

WEIGHT OF HAMMER 225#

JOB NO. FC 316

DROP: 3 FT.



Ground Surface Elevation 630
Refusal Elevation 625
Number of Blows 200 for 8"

Signed

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: HIGHWAY #401, TORONTO TOWNSHIP #8

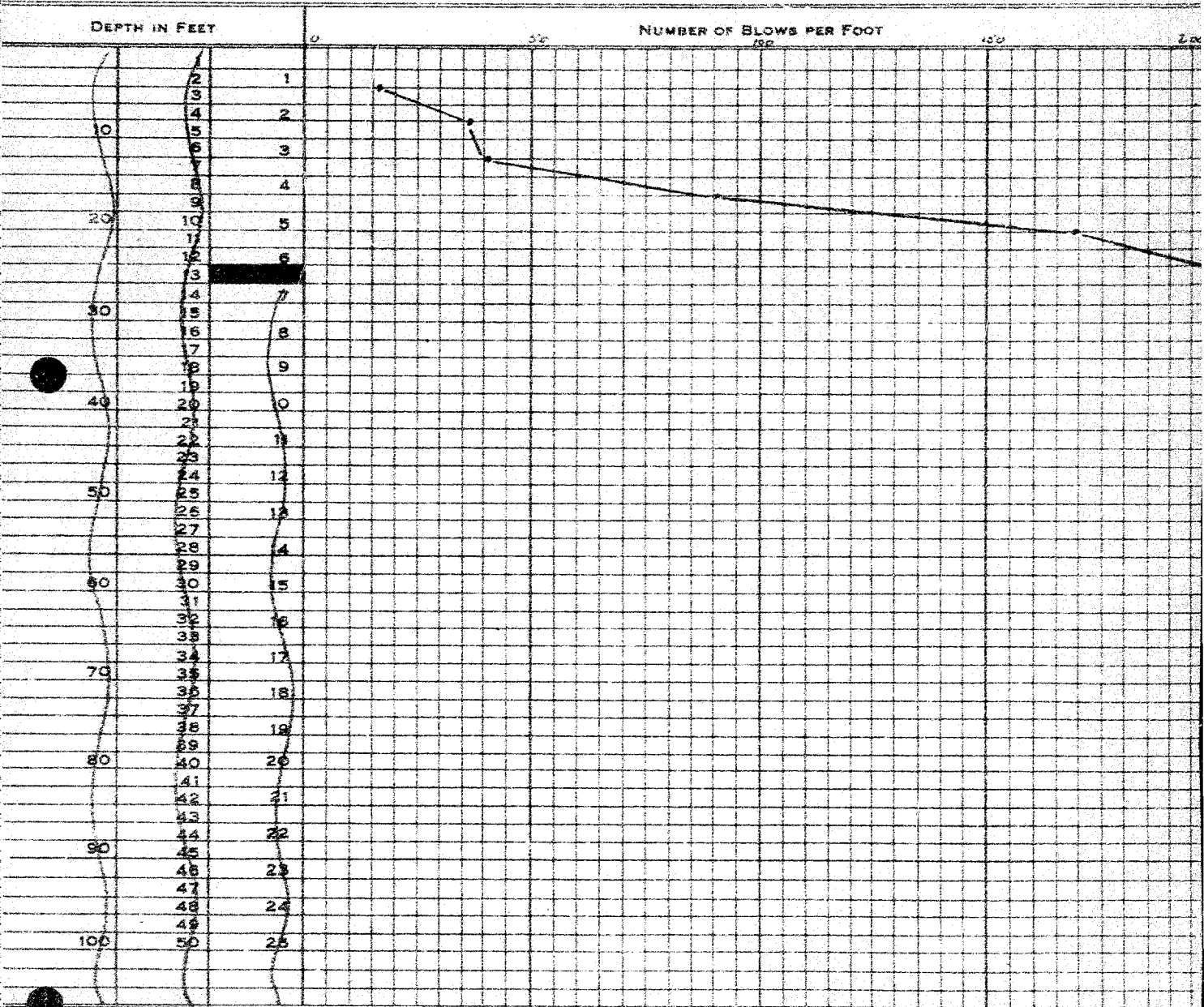
DATE SEPTEMBER 15, 1954.

TEST NO.: 3

WEIGHT OF HAMMER 225#

JOB NO. FC 316

DROP: 3 Ft.



Ground Surface Elevation 626

Refusal Elevation 620

Number of Blows 200 for 9"

Signed

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: HIGHWAY #401, TORONTO TOWNSHIP #8

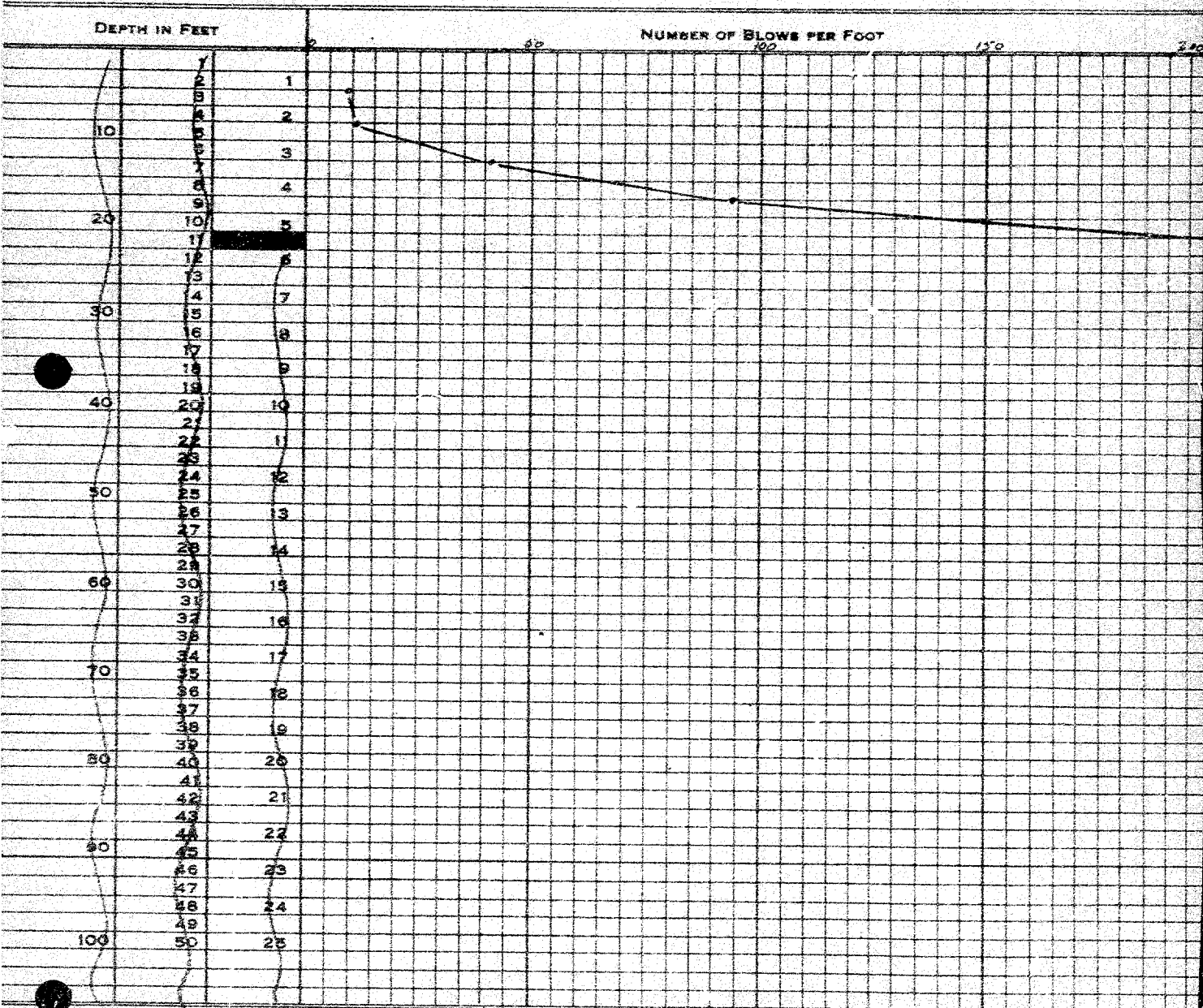
JOB NO. FC 316

DATE SEPTEMBER 15, 1954.

TEST NO.: 4

WEIGHT OF HAMMER 225#

DROP: 3 Ft.



Ground Surface Elevation 629

Refusal Elevation 624

Number of Blows 200 for 7"

Signed