

54-F-219C

Hwy. 401 +

Hwy. # 10

ACTION SLIP

DATE

Nov 2. 1962

TO

F. I. Hewson

BRIDGE

SECTION

FROM

A. G. STERMAC

☐

NOTE AND FILE

WP 68-61

widens

☐

NOTE AND RETURN TO ME

WP 29-56

original

☐

RETURN WITH MORE DETAILS

☐

NOTE AND SEE ME

☐

PLEASE ANSWER

☐

FOR YOUR APPROVAL

☐

RETURN WITH YOUR COMMENTS

☐

PREPARE REPLY FOR MY SIGNATURE

☐

TAKE APPROPRIATE ACTION

☐

PER YOUR REQUEST

☐

FOR YOUR SIGNATURE

☐

FOR YOUR INFORMATION

☐

INVESTIGATE AND REPORT

☐

COMMENTS

We see no reason why footings could not be placed at higher elevation (5 ft below ground level for frost protection) since the borings indicate blows in excess of 100 already at 5' below ground surface

SB-09-62

ACTION SLIP

61-6236

DATE _____

TO _____

FROM _____

A. G. STERMAC

☐NOTE AND
FILE☐PREPARE REPLY FOR
MY SIGNATURE☐NOTE AND
RETURN TO ME☐TAKE APPROPRIATE
ACTION☐RETURN WITH MORE
DETAILS☐PER YOUR
REQUEST☐NOTE
AND SEE ME☐FOR YOUR
SIGNATURE☐PLEASE
ANSWER☐FOR YOUR
INFORMATION☐FOR YOUR
APPROVAL☐INVESTIGATE AND
REPORT☐RETURN WITH YOUR
COMMENTS☐

COMMENTS _____

Elevation 625.0 would be
satisfactory provided elevations
of boreholes in report are
correct.

Afternoon

ACTION SLIP

DATE

NOV 1, 1962

TO

MR KWAN LOW - Foundation Engr
Foundation & Material Section

FROM

F.I. Hanson

☐NOTE AND
FILE☐PREPARE REPLY FOR
MY SIGNATURE☐NOTE AND
RETURN TO ME☐TAKE APPROPRIATE
ACTION☐RETURN WITH MORE
DETAILS☐PER YOUR
REQUEST☐NOTE
AND SEE ME☐FOR YOUR
SIGNATURE☐PLEASE
ANSWER☐FOR YOUR
INFORMATION☐FOR YOUR
APPROVAL☐INVESTIGATE AND
REPORT☒RETURN WITH YOUR
COMMENTS☐

COMMENTS

BA 389 + Plan D 5121 P.

May we have your
suggestions for revising
the foundation

Feb. 11/63

Attn: Mr. Frank DeVisser

As per our telephone
conversation, attached are
2 sets of logs for

W.P. 68-61 - W.J. 62-F-137

FILE WITH
SOILS REPORT
Ken Selby,
Foundations.

B A 389.



"Franki Piles carry more tons per Pile"

FRANKI

COMPRESSED PILE COMPANY OF CANADA LIMITED

1835 YONGE STREET

TORONTO 7, ONT.

54-F-219C

CABLEGRAMS:
"FRANKIPILE"



TELEPHONE:
HIJOSON 8-9009

Our Reference
IS 317-21/1954
September 15th, 1954.

SOIL INVESTIGATION REPORT
for
DEPARTMENT OF HIGHWAYS OF ONTARIO
A.D. Morrison & Associates, Consulting Engineers
at
HWY 401 & HWY #10.

BRIDGE No 10

As requested, we carried out a soil investigation at a proposed site, Highway 401 and Highway #10, Toronto Township #10.

REPORT OF INVESTIGATION:

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

SUMMARY

Hole No.	Ground Surface	4,000 lbs per sq. ft.	6,000 lbs per sq. ft.	Refused
1	632	625	627	625
2	630	625	624	623
3	632	630	629	625
4	631	629	628	628

One auger boring was made with the following results.

LOG OF AUGER BORING

Hole #1
Ground Surface Elevation: 632

0' - 3'	Loose brown sandy clay top soil
3' - 6'	Very dense dry silty clay with pebbles
6' - 6'9"	Reddish Shale with pebbles

CONCLUSION:

Foundations could be designed for 6,000 psf
at depths not exceeding six feet.

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

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: JUNCTION 401 AND 10

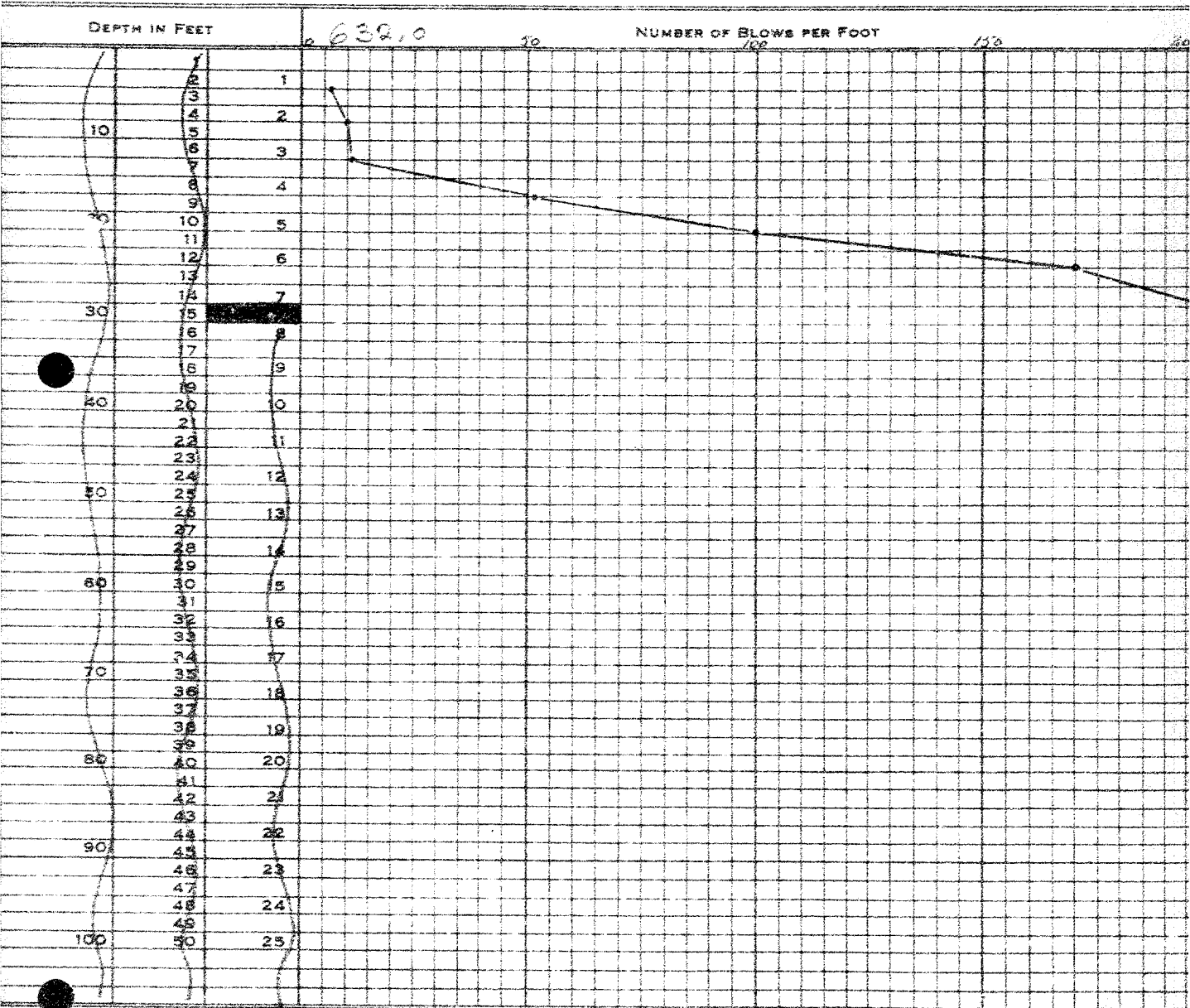
JOB NO. PC 317

DATE SEPTEMBER 8, 1954.

TEST NO.: 1

WEIGHT OF HAMMER 225#

DROP: 3 Ft.



Ground Surface Elevation 632
Refusal Elevation 625
Number of Blows 200 for 7"

Signed WMT Weber

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: JUNCTION 401 AND 10

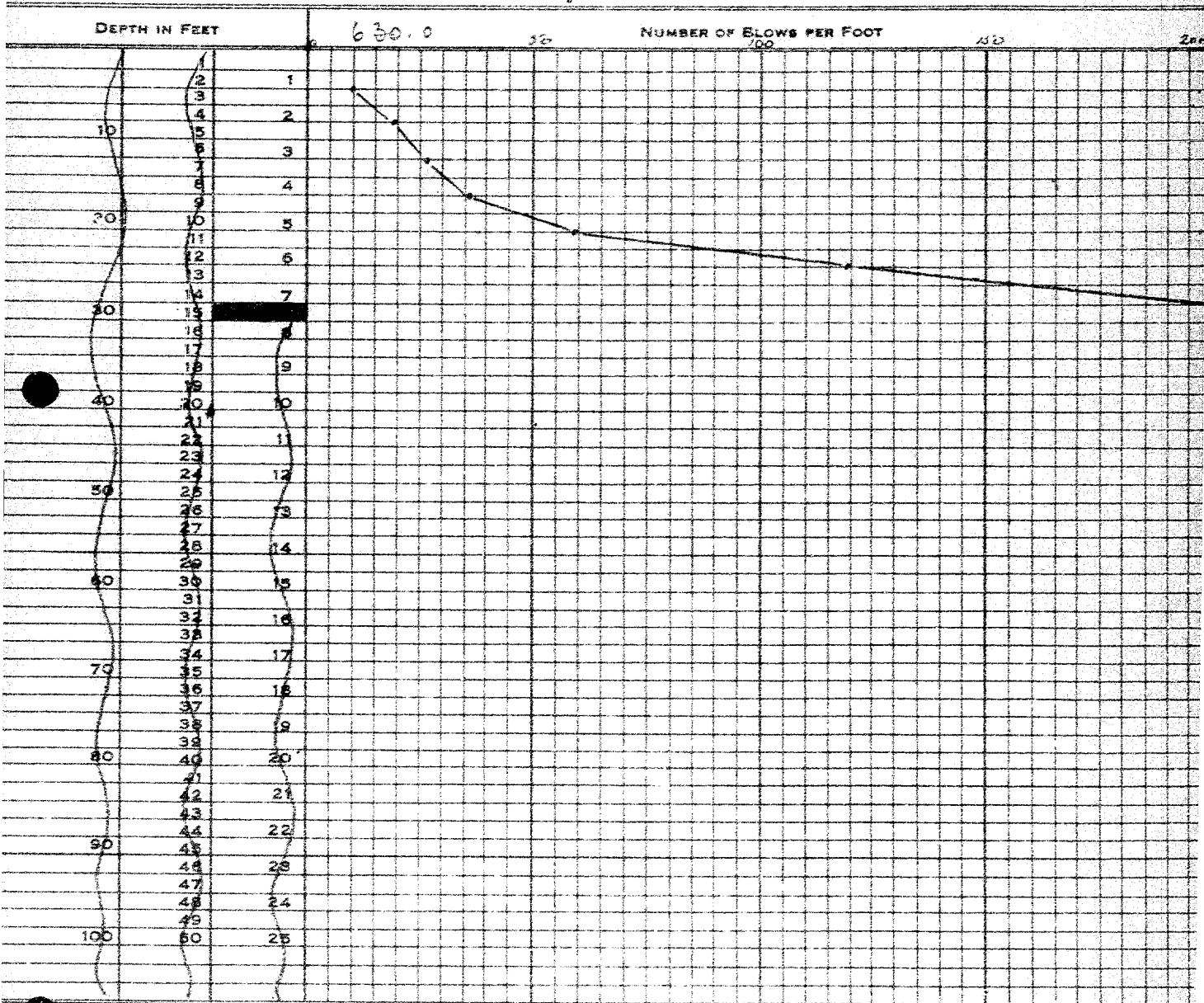
JOB NO. PC 317

DATE SEPTEMBER 8, 1954.

TEST NO.: 2

WEIGHT OF HAMMER 225#

DROP: 3 Ft.



Ground Surface Elevation 630

Refusal Elevation 623

Number of Blows 200

Signed W.H.T. White

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: JUNCTION 401 AND 10

DATE SEPTEMBER 8, 1954.

TEST NO.: 3

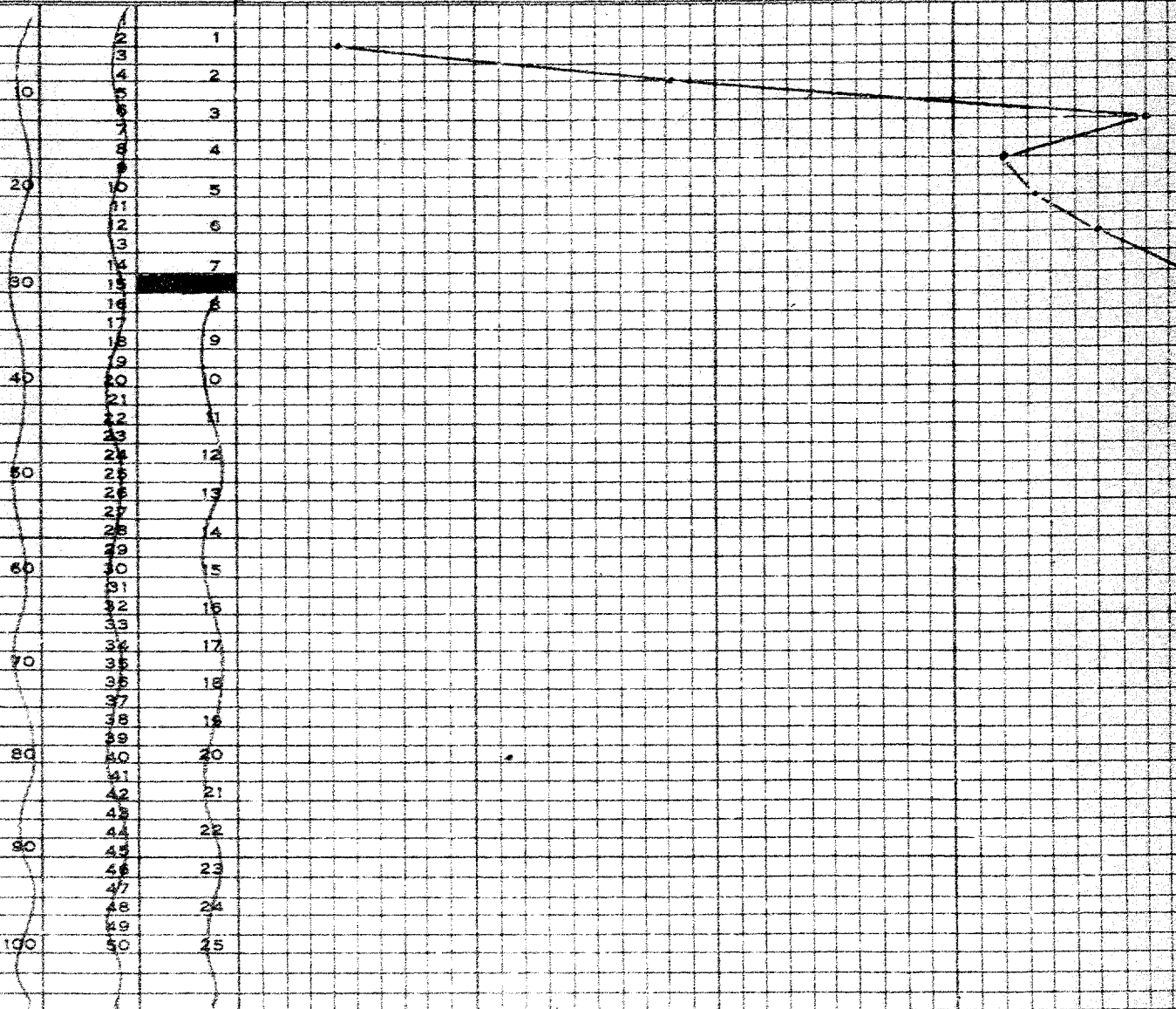
WEIGHT OF HAMMER 225#

JOB NO. PC 317

DROP: 3 Ft.

DEPTH IN FEET

NUMBER OF BLOWS PER FOOT



Ground Surface Elevation 632

Refusal Elevation 625

Number of Blows 200 for 9"

Signed W.H. Wilson

FRANKI PILES

MONTREAL

PERCUSSION TEST DIAGRAM

FOR: DEPARTMENT OF HIGHWAYS OF ONTARIO

AT: JUNCTION 401 AND 10

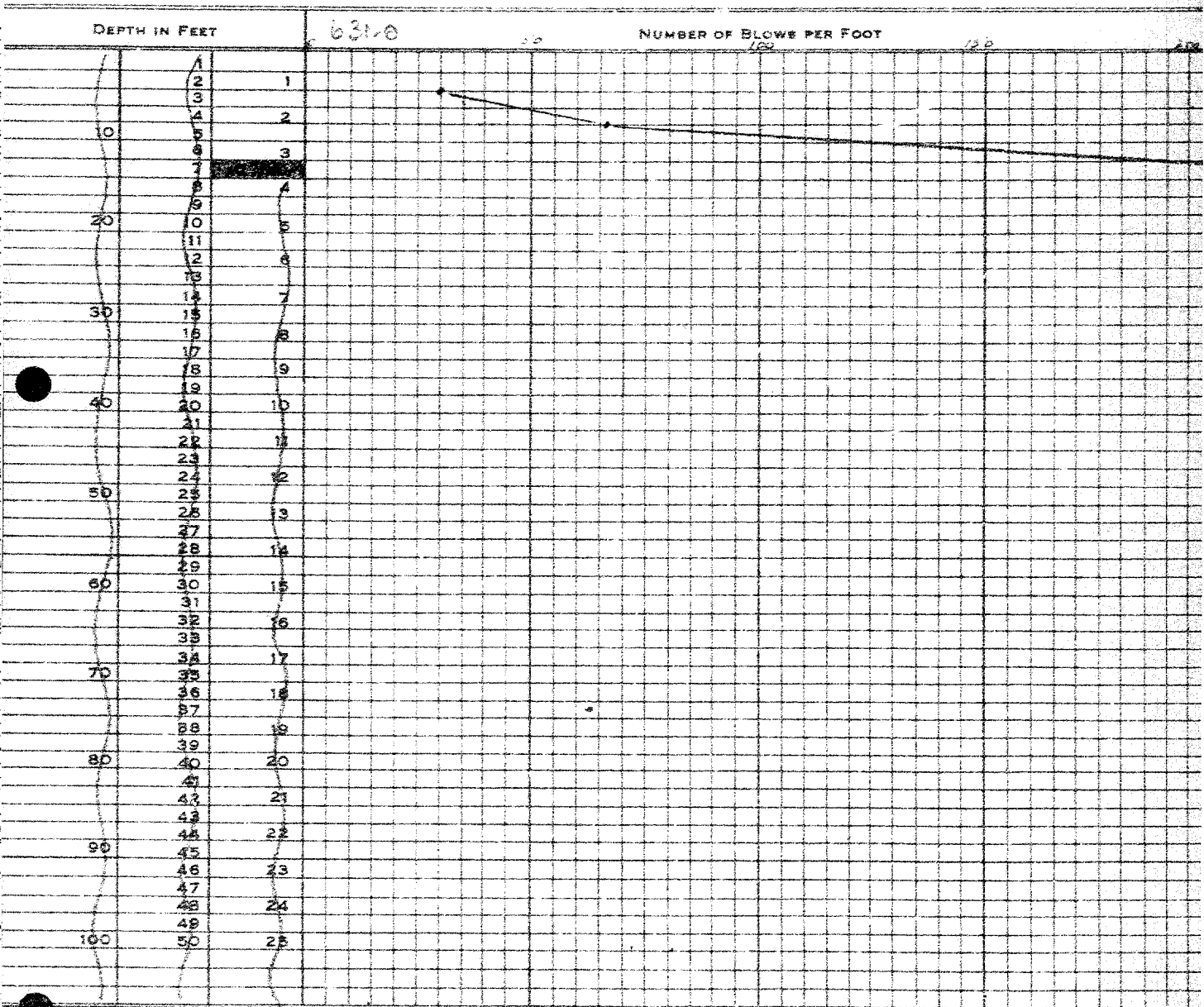
DATE SEPTEMBER 8, 1964.

TEST NO.: 4

WEIGHT OF HAMMER 225#

JOB NO. RC 317

DROP: 3 Ft.



Ground Surface Elevation 631
Refusal Elevation 628
Number of Blows 254

Signed