

Dr. 8- BK. 9

TEST HOLES
RICE STREET

Hole dug under paving to
determine deth to solid bottom

R.D. $\frac{9}{16}$ No 1

MAINTENANCE

Office of Ramsey Co. Engineer
ST. PAUL, MINN.

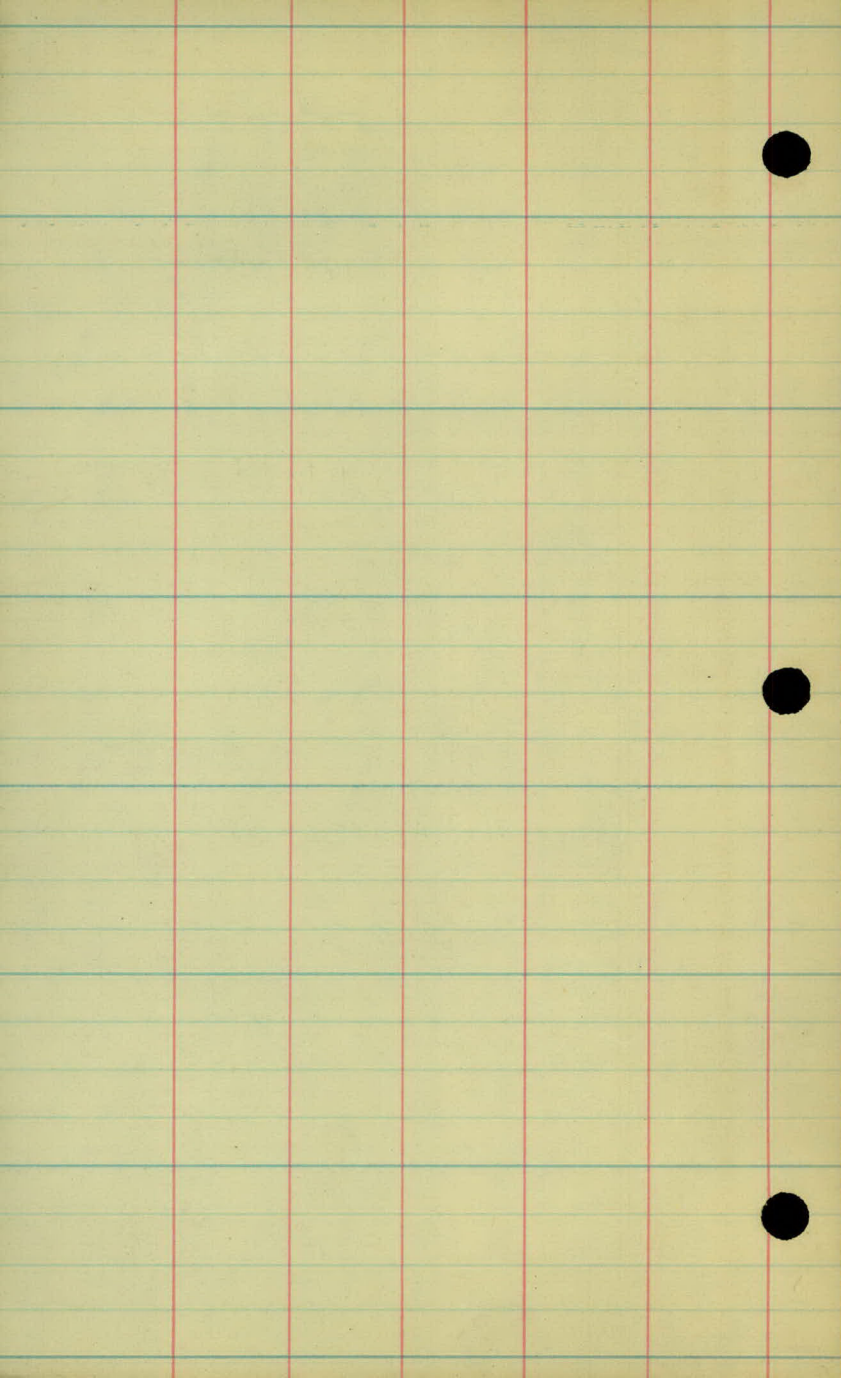
Date Filed 7-3-25

File No. "13"

TEST HOLES
on Rice Street

Notes made July 1st and 2nd 1925

M. W. Cathey.



○ #32 ○ #31

○ #30 ○ #29

○ #28 ○ #27

○ #26 ○ #25

○ #24 ○ #23

○ #22 ○ #21

○ #20 ○ #19

○ #18 ○ #17

○ #16 ○ #15

○ #14 ○ #13

○ #12 ○ #11

○ #10 ○ #9

○ #8 ○ #7

○ #6 ○ #5

○ #4 ○ #3

2A-20 #2

○ #1

0+70

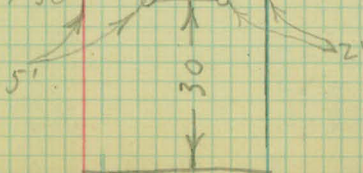
0+60

0+50

0+40

0+30

Water - stands in holes 5' below top of paving



Hole #1

Gravel

3.5' Sand - still dry.

4' Water seeps in.

4' Wet sand -

11' peat wet

Sides cave in unable to
go farther.

Hole #2

Gravel

2' Sand - Wet.

8' Water seeps in.

9' Wooden object - tree stump.

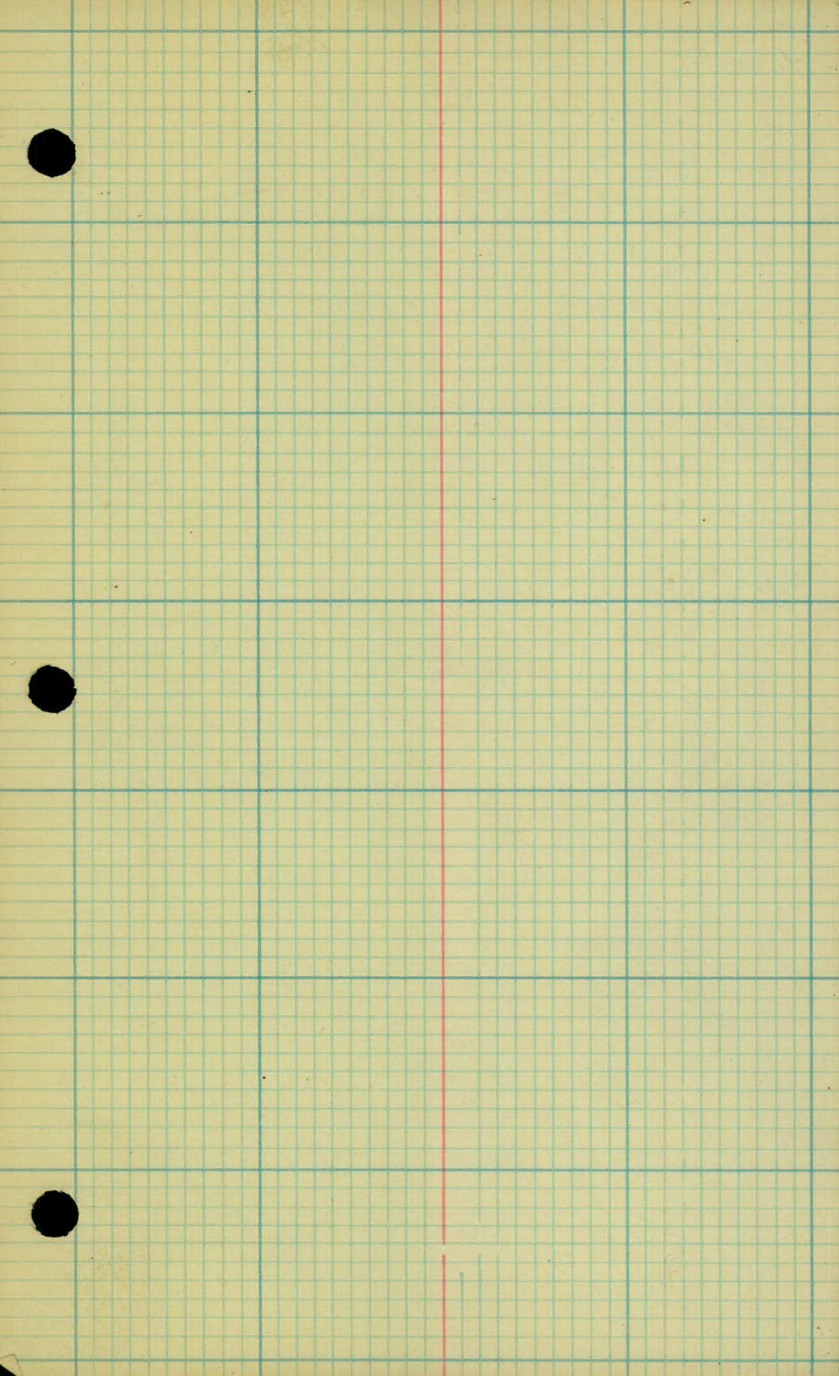
Hole #2A

Gravel

2' Wet sand

5' Water seeps in

9' Wooden object, same as #2



Hole #3

Gravel coarse

3' From gravel to fine sand 4" layer

3.5' Wet Sand

4' Water seeps into hole

9' Difficult digging account of water.

10' Stopped digging " " "

Hole #4

Gravel

1.5' Sand-wet.

6' Water seeps in.

9' Unable to dig deeper, apparently hard bottom, but unable to get material / account of cave ins.

Hole #5

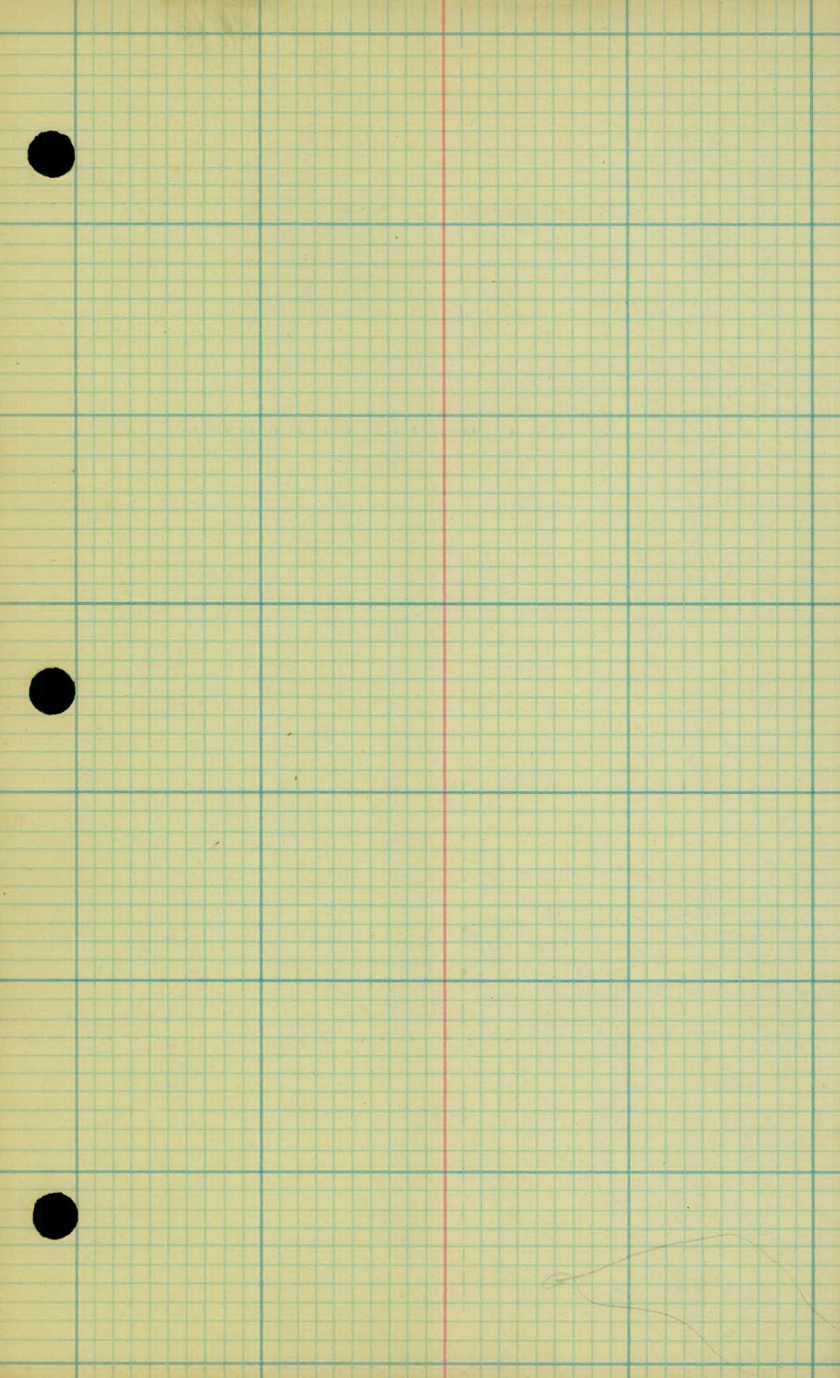
Gravel

4' Wet sand

5' water

8' Water pours in rapidly

9.8 Hole filling up with quick sand.



Hole #6

Gravel

2.5' Wet sand

5' Water seeps in.

11' Wet sand - cave in.

Hole #7

Gravel

3' Sand wet

4.3' Water seeps in.

7' Still sand

9.3' Gave up quicksand caved in.

Hole #8

Gravel

2' Wet sand.

4' Water

9' Quicksand - filling in quit.

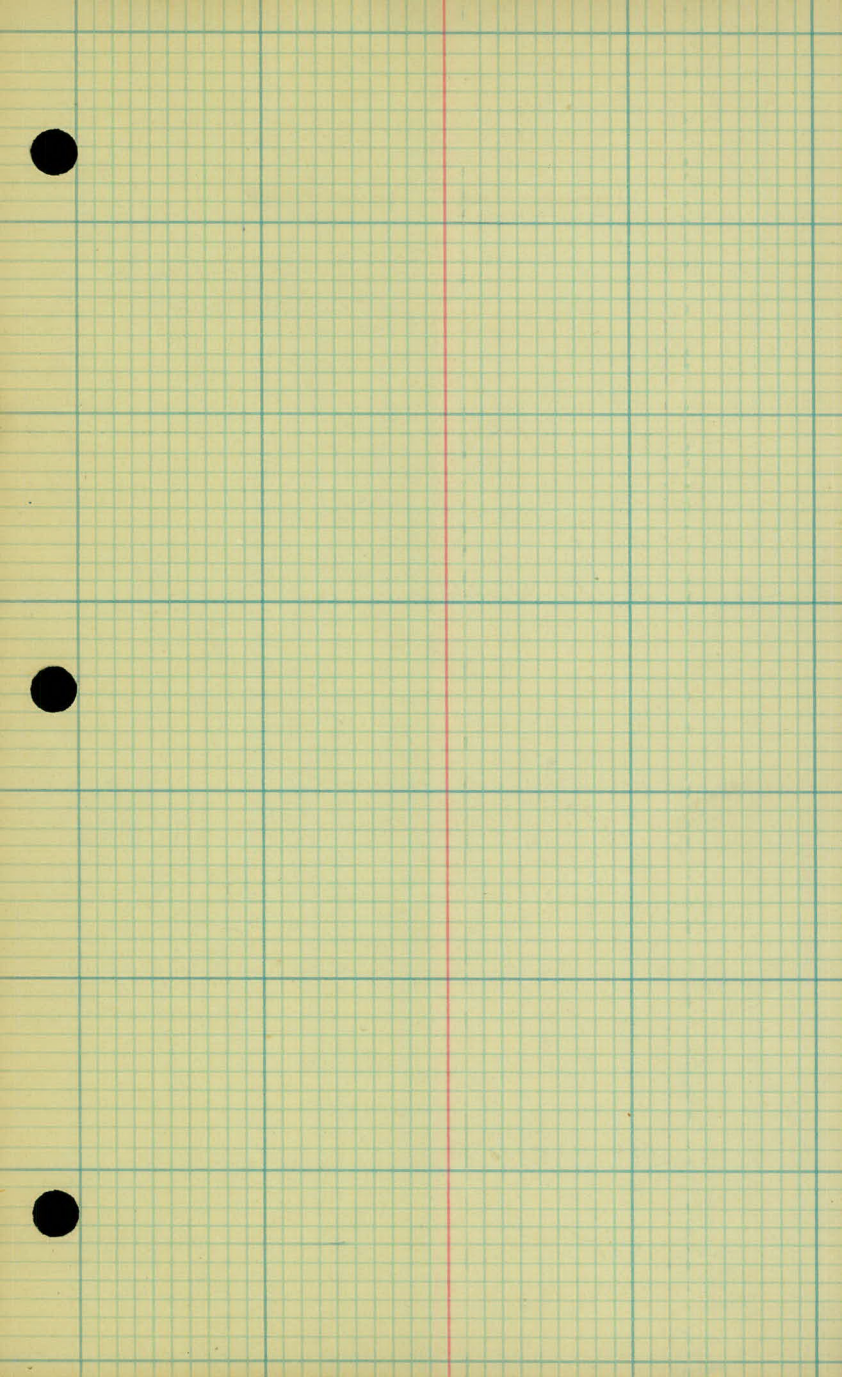
Hole #9

Gravel

3' Wet sand

4' Water

6' Cave in.



Hole #10

- Gravel
- 2' Sand
- 4' Water
- 9'4" Caving in too fast to go deeper.

Hole #11

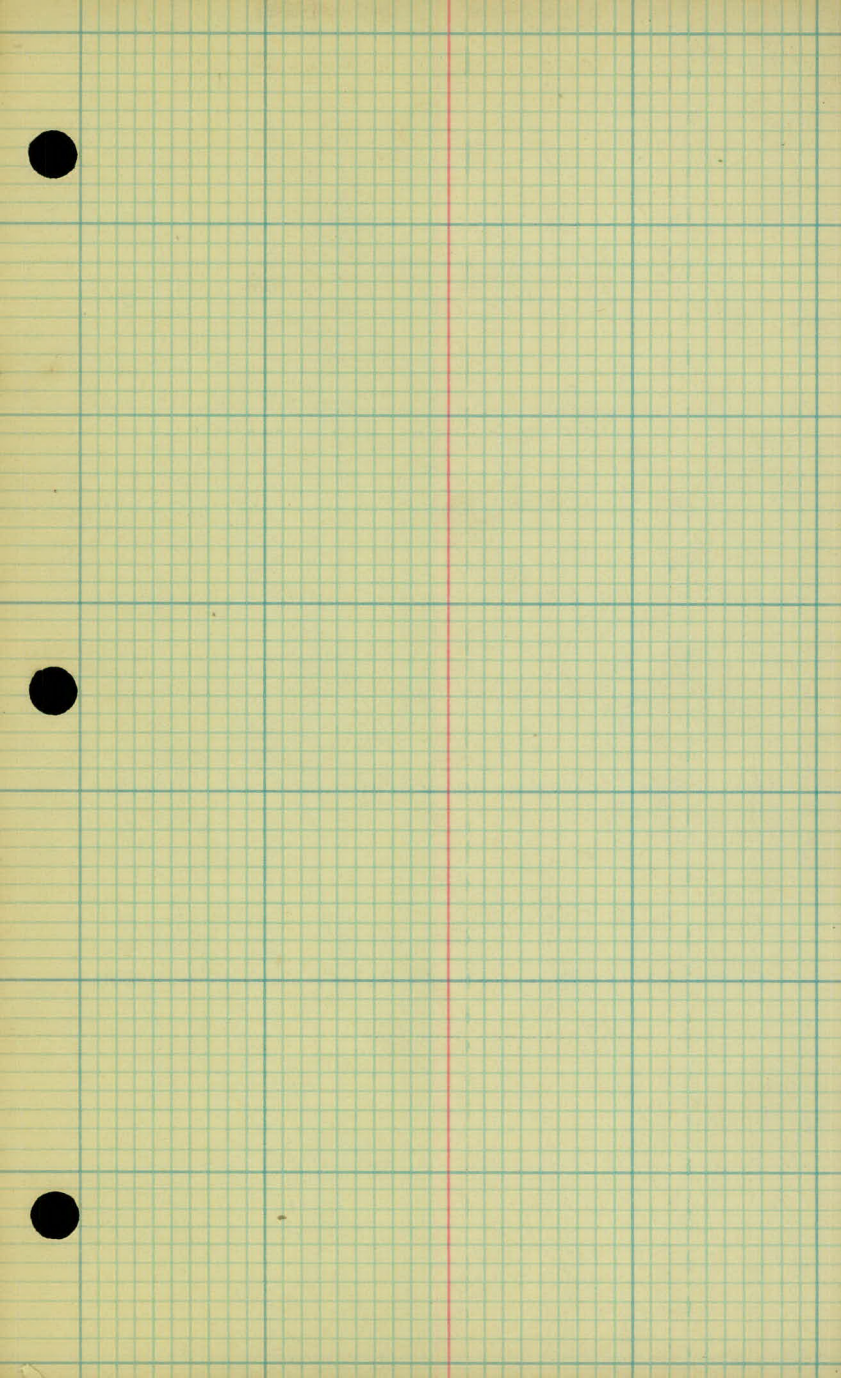
- Gravel
- 3' Sand-wet
- 4' Water
- 10' Cave in quit - wet sand

Hole #12

- Gravel
- 3' Wet sand
- 4' Water
- 13' Cave in quit - Wet sand

Hole #13

- Gravel
- 3' Sand
- 3.9' Water
- 6' Filling in badly sand and water
Quit.



Hole #14 Gravel

2' Sand

4' Water

9' Still quick sand.

12' Still sand. slightly drier.

13.5' through limb of tree.

13.9' quit digging account cave in

Hole #15 Not dug.

Hole #16

Gravel

3' Sand

4' Water

6.5' Cave in - sand and water quit

Hole #17 Not dug.

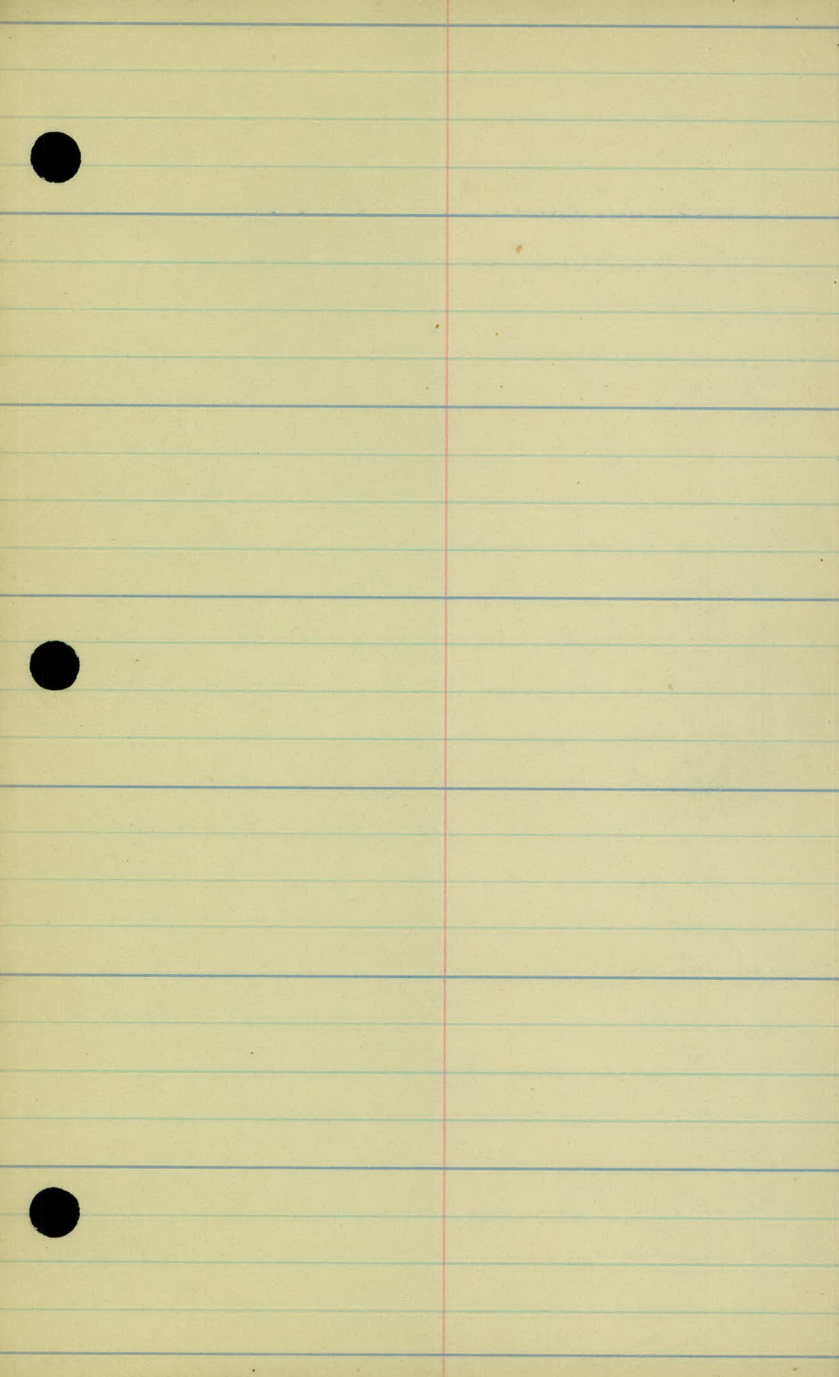
Hole #18

Gravel

2.5' Sand

4' Water

10' Cave in - Sand and Water quit.



Hole #36

Sand Dry.

3' " Wet

3.5' Water seeps in.

10' Core in Sand and Water Quite.

Hole #35

Sand - Dry.

3' " Wet

3.5' Water seeps in.

7' Core in. Quite.

Hole #34

Sand

3.5' Water seeps in.

8' Core in quite.

Hole #33

Sand

3.5' Water

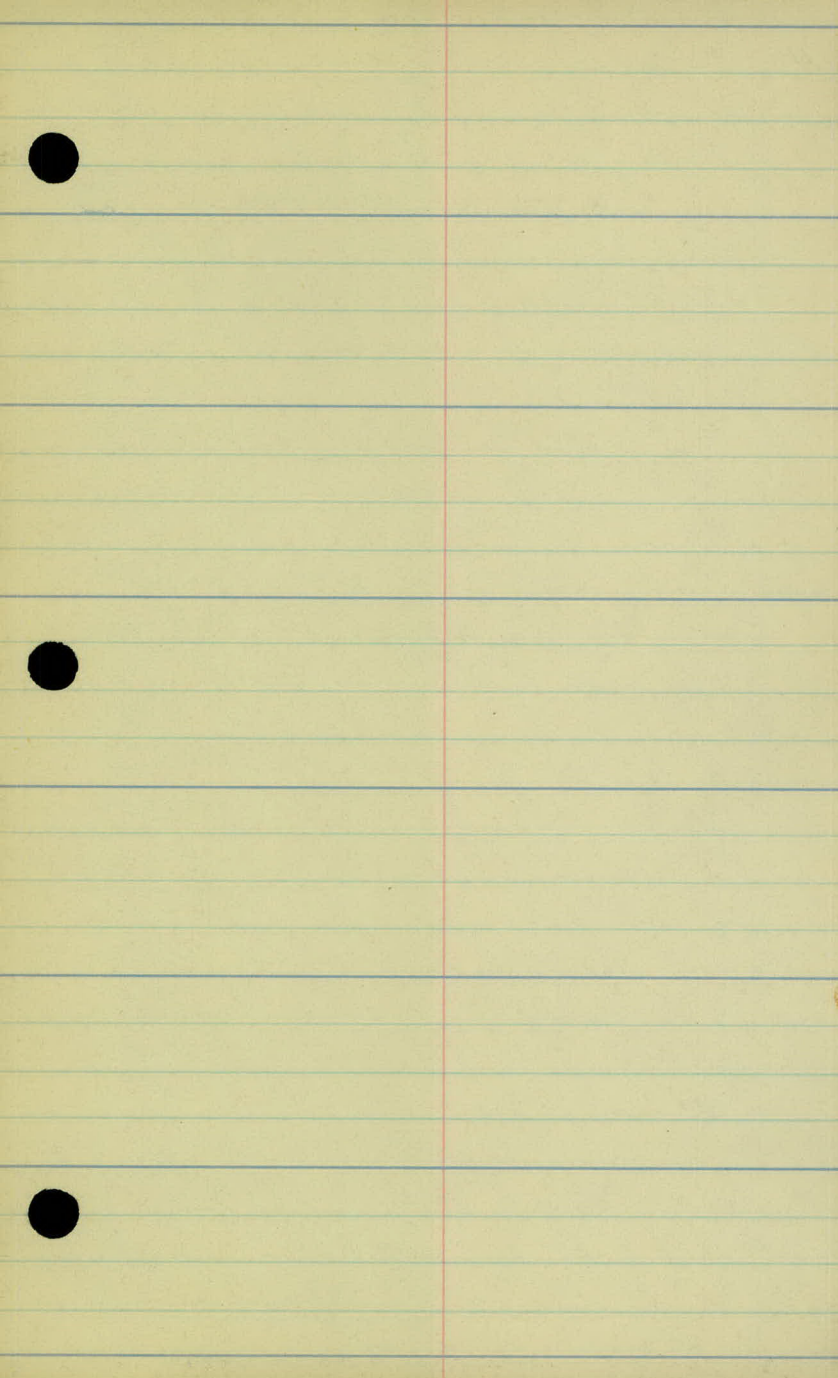
6' Core in.

Hole #32

Sand

3.5' Water

9' Core in.



Hole #31

Sand

4' Water

6' Core in.

Hole #30

Sand

3.8' Water

9' Core in.

Dug hole on other side of road
from holes 7 and 8

Sand

5.0' Water, wet sand

11.5' Quick sand - core in.

Drove iron ($\frac{1}{2}$ in) pipe in Hole #5
33.5 Ft.

