

**HOP BROOK FARM
STATION ROAD
TEXTURAL ANALYSIS RESULTS**

24B000089

Per FOR
TOWN

FORM 12 - PERCOLATION TEST

Location Address or Lot No. STATION Road (Town Prop. Herse Pond)

COMMONWEALTH OF MASSACHUSETTS

, Massachusetts

Percolation Test*		
Date: <u>10-30-00</u> Time: <u>8:00 AM</u>		
Observation Hole #	<u>①</u>	
Depth of Perc	<u>42"</u>	
Start Pre-soak	<u>8:58</u>	
End Pre-soak	<u>9:13</u>	
Time at 12"	<u>9:13</u>	
Time at 9" <u>10"</u>	<u>11:30</u>	<u>157 min ÷ 2 "</u>
Time at 6"		<u>78+ min AN 4uc 4</u>
Time (9"-6")		
Rate Min./Inch		

* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

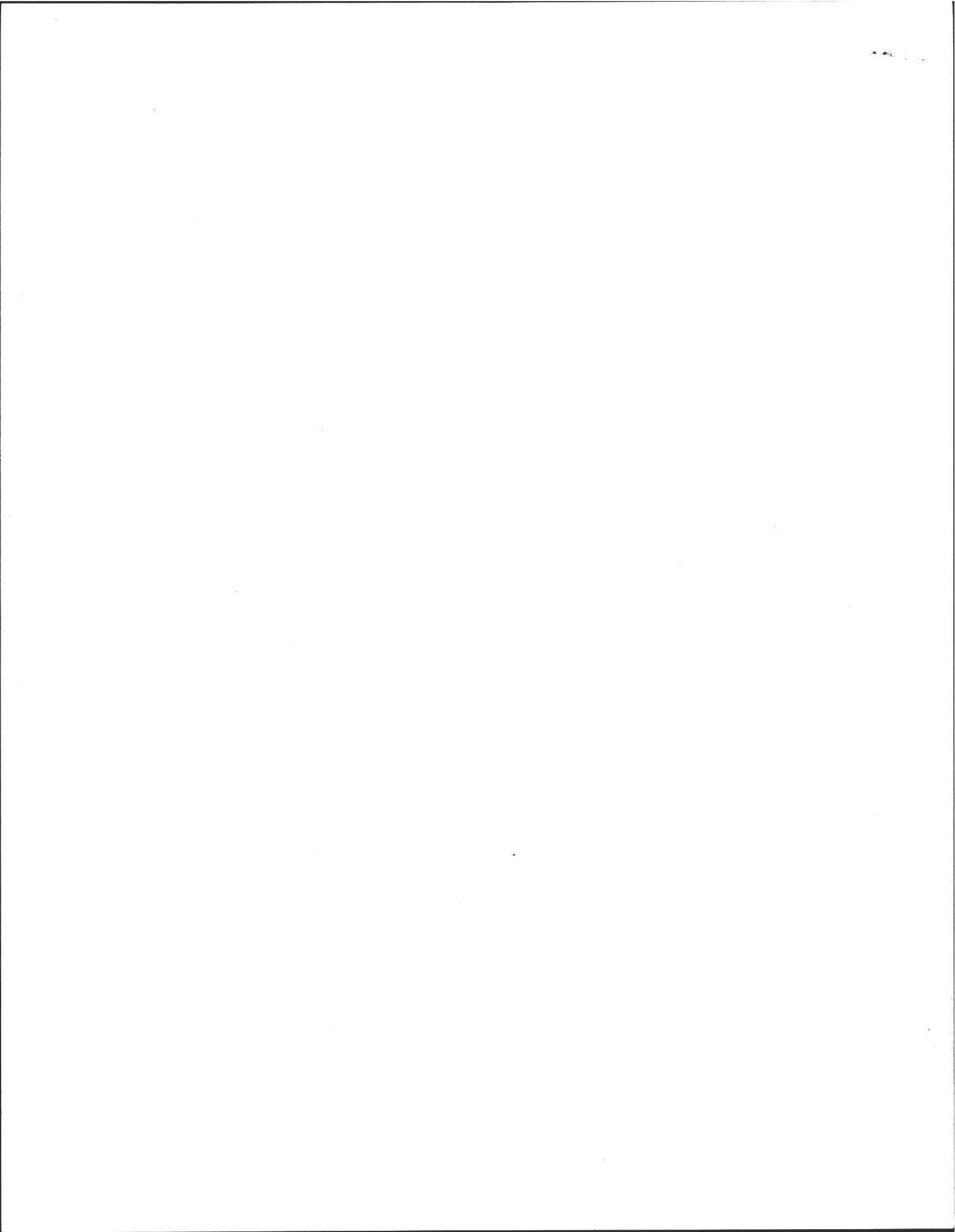
Site Passed Site Failed

Performed By: David Zarobinski

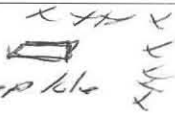
Witnessed By: _____

Comments: _____

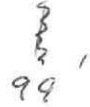




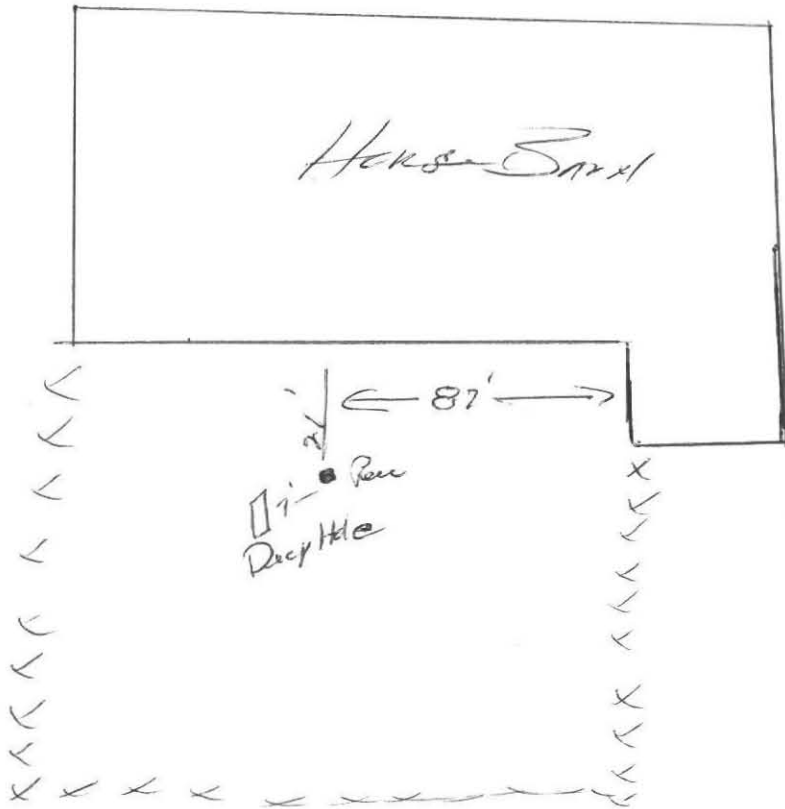
Back Corner
OK for
Deep hole



Deep hole

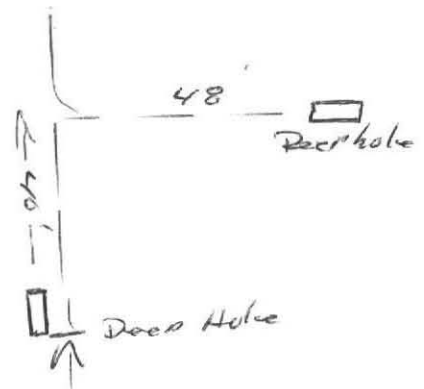


99'



9'
Deep Hole

TOWN WATER



48'

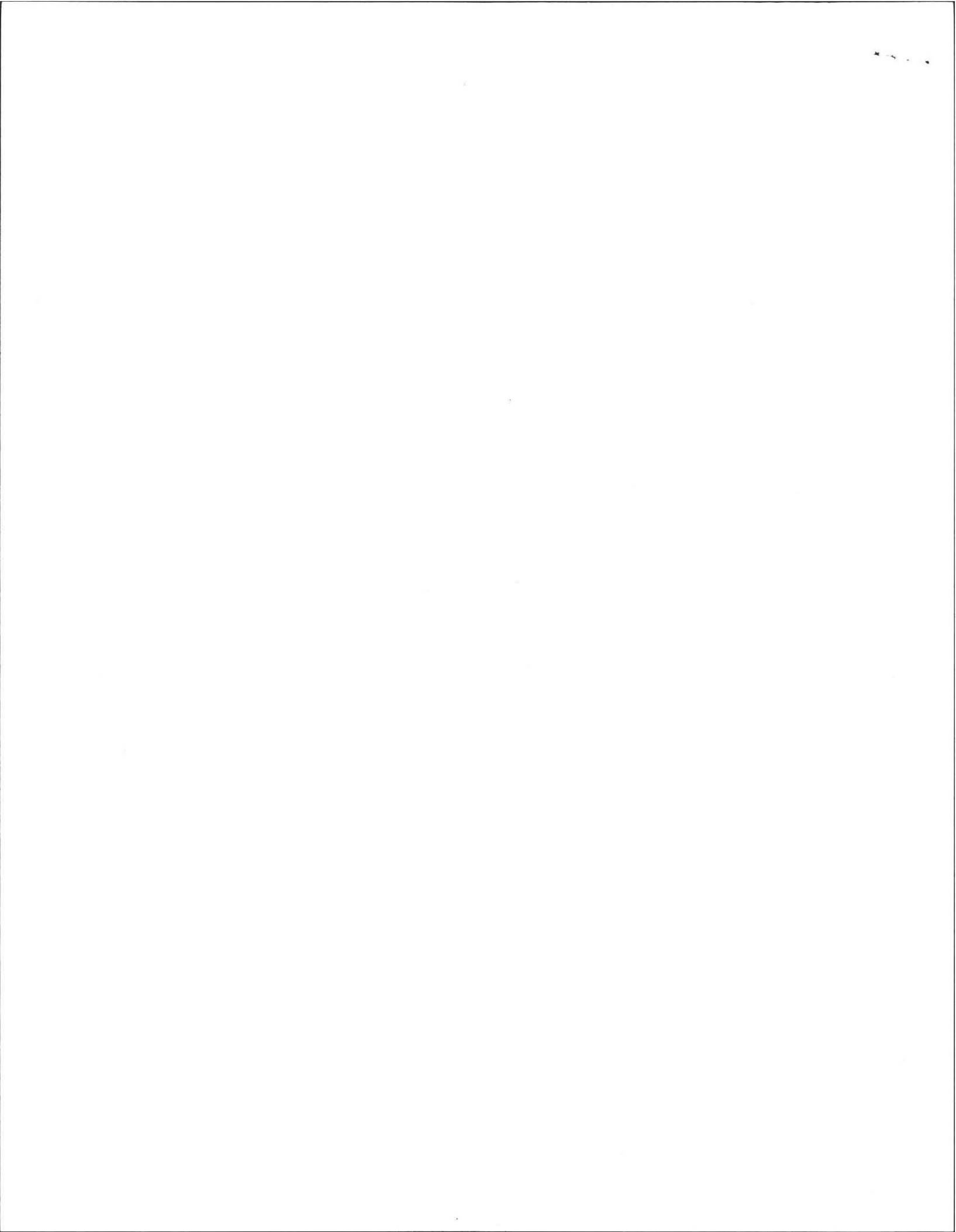
Deep hole



Deep Hole

75' TO FENCE

STATION ROAD





UNIVERSITY of
MASSACHUSETTS

UMass Extension

Agroecology Program
Soil and Plant Tissue
Testing Laboratory
West Experiment Station
Box 38010
Amherst, MA 01003-8010
413.545.2311
413.545.1931 fax
<http://www.umass.edu/plsoils/soiltest>

TEXTURAL ANALYSIS RESULTS

Customer Name: Town of Amherst
Conservation Department
4 Boltwood Avenue
Amherst, MA 01002

Sample ID: 45578

Customer Designation: 11/03/00

Percentages based on less than 2 mm fraction

Fraction	Percent
Sand	21.9
Silt	65.3
Clay	<u>12.8</u>
	100.0

Sand Subfractions

Very Coarse	0.4
Coarse	1.1
Medium	2.1
Fine	6.1
Very Fine	<u>12.1</u>
	21.9

Silt subfractions

Coarse	28.7
Medium	29.7
Fine	<u>6.9</u>
	65.3

Under USDA criteria this sample classifies as a silt loam. Classification is based on particles that are sand size and finer (i.e. less than 2 millimeters in diameter). Those particles greater than 2 mm are included in the textural name as a modifier (ex. gravelly). The sample submitted contained 0.1 % gravel on a weight basis. Any questions pertaining to these results may be asked by calling the Soil Testing Lab.

This soil material classifies as a CLASS III soil under Title V. Effluent loading Rates in these materials range from 0.29 to 0.37 gpd/sq ft.

↓
page on Title 5

See perc
test rate

minute
30 rate

