

# Soil Potential Ratings

for Low Density Development  
in The Unorganized Area Of Maine

April 2004



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## FOREWORD

The Unorganized Area of Maine is facing changes in land use which have placed enormous pressure on land and water resources. As parts of the Unorganized Area are converted from forestry to urban, large lot subdivision and summer camp uses, soil and water resources can be threatened. The construction of homes, septic tank absorption fields, wells, and roads, if not properly planned, can negatively affect the quality of life. In many cases, soil conditions such as wetness, depth to bedrock and steep slopes can be the catalyst for environmental degradation. Many potential soil related problems can be avoided by sound land use planning before development begins.

Costs for overcoming soil limitations increase as the degree of soil limitations becomes more severe. These increased costs to make an area suitable for development are passed on to the landowner. Soil Potential Ratings for Low Density Development in The Unorganized Area of Maine is a planning tool for state planners, and others, to address soil limitations by rating soils as to the costs of corrective measures and the long term maintenance costs needed to satisfactorily overcome soil problems.

The purpose of this publication is to assist landowners, state planners, developers, engineers, and others in their planning activities. Information obtained from Natural Resources Conservation Service soil maps in the Unorganized Area of Maine should only be used for general planning purposes. This is because the smallest map unit delineated in these areas is commonly 16 to 40 acres and is composed of 2 or 3 soil types due to the scale of mapping. For site specific decisions, more detailed soil information such as a High Intensity Soil Survey done by a Maine certified Soil Scientist is needed. This index has been designed to be used with a variety of scales of soil mapping. It has general ratings for broad map units and more specific ratings with individual soil series within these map units if more detailed mapping is available. State officials, land use planners, land users, and other are encouraged to contact the local Soil and Water Conservation District Office for assistance when using this information. Other information concerning land use in agricultural and forestry planning also is readily available in this office.

This publication is designed for use with soil survey maps and information available from the local Soil and Water Conservation Districts as well as more detailed certified mapping. The district office addresses are:

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## **INTRODUCTION**

Soil interpretations are made by identifying the type of soil within an area by using a soils map either from a published soil survey report, an interim soil survey report, an individual soil survey field sheet or from a soil map developed by a Maine Certified Soil Scientist.

The soils in an area are identified in the field and delineated on aerial photographs by soil scientists. The aerial photograph with the delineations of soil types becomes the soil map. After the soil type has been determined, interpretations can be made by using soil interpretation sheets containing information on the characteristics of the soil, ratings based on the limitations of the soil for various uses, and expected yields of certain crops and woodland species.

## **SOIL LIMITATION RATINGS**

Soil survey interpretations have been prepared for and provided to users of soil surveys for many years. They have been provided in the form of land capability classes for agriculture and soil limitation ratings for various other land uses. An example of these is rating a soil as having slight, moderate, severe, or very severe limitations for the installation of septic systems. They do, however, have a few shortcomings.

- They are based on the limiting soil property rather than a combination of restrictive features.
- They are based on a national system of rating soils using criteria developed nationally and do not reflect state laws, local ordinances, and criteria.
- They do not indicate corrective measures or alternatives needed to overcome restrictive soil features or the relative costs of overcoming these features.
- They do not array the soils within a specified area from highest to lowest potential for a given use.
- They tend to rate soils in a negative context.

## **SOIL POTENTIAL RATINGS**

Soil potential ratings have been developed and adopted as a more useful form of soil interpretations. These ratings are based on local conditions, local experience and expertise, and laws, codes, and rules governing the use of soils for various purposes. They include the feasibility of a soil for a particular use relative to other soils within a given area. These ratings reflect the potential of use rather than the limitations of use and are designed to meet local needs and conditions. Factors considered in preparing soil potential ratings are the feasibility of using certain technology and practices to overcome limiting factors and the relative cost of implementing these practices and the adverse effects and costs of any continuing limitation during the projected lifetime of use.

Soil potential ratings:

- provide a common set of terms applicable to all kinds of land use for rating the quality of a soil for a particular use in an area.
- use local criteria to meet local needs.
- provide information about soils that emphasizes feasibility of use rather than avoidance of problems.
- strengthen planning and management through more feasible and effective use of the information provided in soil surveys and on-site soils evaluations by properly relating the information to modern technologies.
- approach the process of rating soils in a more positive context.

Soil potential ratings are used with other resource information to facilitate resource planning and for making land use decisions.

Soil potential ratings are only one factor to be considered in a complete evaluation of an area and are used with other resource information in determining land feasibility and use. Table 1 displays the major steps in determining soil potential ratings.

1	Determine Development Uses To Be Rated.	Septic Systems, Dwellings, Roads, etc.			
2	Determine Soil Properties Important For Rating Each Selected Use.	Texture, Permeability, Slope, Drainage, Water Table, Flooding, Depth To Bedrock			
3	Review Soils From Unorganized Area Soil Survey Data.	<b>Site Specific</b> Danforth Shirley Elliottsville	<b>General Planning</b> 34C		
4	Select Reference Soil For Selected Use.	<b>Site Specific</b> Danforth	<b>General Planning</b> Danforth Part		
5	Determine Soil Limitations and Corrective Measures For Each Use	Depth to Water Table Slopes, etc. Site Preparation, Fill, stoniness, etc.			
6	Determine Soil Potential Index (SPI) For Each Soil, For the Selected Use.	<b>Site Specific</b> <b>Soil</b> Danforth Shirley Elliottsville	<b>SPI</b> 100 53 71	<b>Map Unit</b> 34C	<b>SPI</b> 83
7	Determine Rating Classes For Soil Potential Index Ranges. Determine Rating Class For Each Soil Map unit or Soil Series.	<b>Site Specific</b> <b>SPI</b> 100 60-82 40-59  Danforth Shirley Elliottsville	<b>Rating Class</b> Very High (VH) Medium (M) Low(L)  Very High (VH) Low (L) Medium (M)	<b>General Planning</b> <b>Map Unit</b> 34 C	<b>Rating Class</b> High (H)

**Table 1 - The Major Steps in Determining Soil Potential Ratings**

## **PURPOSE**

Soil potential ratings were developed to provide soil survey users and land use planners a tool in determining the relative qualities of soils and their feasibility for use and development.

Soil potential ratings are intended to be used as a guide to planning and to help planners and users to better understand problems which may be encountered and corrective measures needed to overcome these problems.

## **DEVELOPMENT OF SOIL POTENTIAL RATING**

Local people knowledgeable of the use and development of the land resource of the Unorganized Area were contacted to help develop soil potential ratings. They consisted of consultants, land appraisers, site evaluators, site plan evaluators, Natural Resources Conservation Service personnel, state personnel, and land developers.

They determined that the primary need for soil potentials is to rate soils for development occurring in the Unorganized Area, especially in the area of low density development. The development uses considered are septic tank absorption fields, dwellings with basements, and local roads and streets.

They also determined the uses for which the soils should be rated, the soil factors affecting development, and the methods and relative costs of corrective measures and of continuing limitations compared to the costs for the reference soil.

## **FACTORS FOR DETERMINING SOIL POTENTIAL RATINGS FOR DEVELOPMENT**

The ratings of soils in terms of their potential for development are based on their natural properties. The important soil properties considered in development are texture, permeability, depth to seasonal high water table, depth to restricting layer, depth to bedrock, slope, flooding, stone cover, and natural drainage class.

Soil potential ratings and corrective measures designed for NRCS soil map units are not site specific. When the ratings are used in conjunction with an NRCS soil survey map, a specific site within the map unit may perform better or not as well as indicated by the map unit rating. If during an on-site investigation it is possible to identify the soil series, the potential rating of that series within the map unit should be used. If this is not possible, the rating for the map unit should be used. If a higher intensity (more detailed) soil map is available, the rating for the individual series within the map unit should be used.

## **SOIL PROPERTIES**

The following soil properties have been considered when rating soils for development potential.

## **TEXTURE**

Texture is an important property of the soil to consider when rating the soil. Soils are made up of particles or separates of various sizes. Soil separates which make up texture are sand, silt, and clay. Gravel, cobblestones, stones and boulders are not textures.

Sand particles are visible to the naked eye. They do not have significant interparticle attraction. The pore spaces between particles are usually large and continuous.

Clay particles are so small they cannot be seen without a microscope. The pore spaces are very small and are frequently discontinuous which slows the movement of air and water.

Silt particles are between sand and clay in size.

Most soils contain more than one separate and most often a combination of all three. The amount of each separate contained within a soil will determine its texture. For instance, the fine sandy loam textural class is a combination of sand, silt, and clay with a larger percentage of fine sand and silt. Also, particles larger than sand and smaller than 3 inches (gravel) are recognized by modifiers of the textural class name such as gravelly fine sandy loam.

IN GENERAL SOIL POTENTIAL FOR DEVELOPMENT IS HIGH FOR SOIL THAT:

- Does Not Flood
- Has Adequate Permeability
- Has Suitable Texture
- Has a Relatively Deep Water Table
- Has Adequate Depth to Bedrock
- Has a gentle Slope

IN GENERAL SOIL POTENTIAL FOR DEVELOPMENT IS LOW FOR SOIL THAT:

- Floods
- Is Not Very Permeable
- Has Unsuitable Texture
- Has High Water Table
- Has a Shallow Depth To Bedrock
- Has a Steep Slope

## **PERMEABILITY**

Permeability is the rate at which water moves vertically through the soil. Texture and structure of the soil affect its rate of permeability. Sandy (coarse textured) soils transmit water faster than clay (fine textured) soils. Platy structure, which is the horizontal alignment of soil particles or groups of particles within the soil, impedes the vertical movement of water and therefore reduces soil permeability. Water tends to move horizontally within soils having platy structure. Soils with granular structure tend to

readily transmit water vertically. Very porous soils or gravelly soils transmit water vertically very rapidly, causing a concern of having nutrients and microbes carried into ground water. Problems can result when soil permeability is too slow or too fast.

FOR SEPTIC SYSTEMS, PERMEABILITY OF SOIL MUST BE ADEQUATE TO PREVENT:

- Seepage from septic tank systems onto road or system slopes
- Backup of sewage
- Shortened life of septic systems
- Groundwater contamination

## **SLOPE**

Slope is defined as the inclination of the surface in relation to the horizontal and is one of the most noticeable of soil properties. The slope is usually stated as the ratio of vertical rise to horizontal distance and expressed as a percentage. For example, a 10 foot vertical rise in a 100 foot horizontal distance is a 10 percent slope.

Slope is a major component of the landscape and is one of the most significant soil properties governing land use. Most land use and development takes place on the less sloping areas. Figure 1 relates slope conditions to changes in the landscape.

Areas with slopes less than 15 percent generally do not present as many problems as areas that are steeper. Areas with slopes over 3 percent require additional costs to fit development on the slopes, more detailed designs, and more considerations of other soil properties.

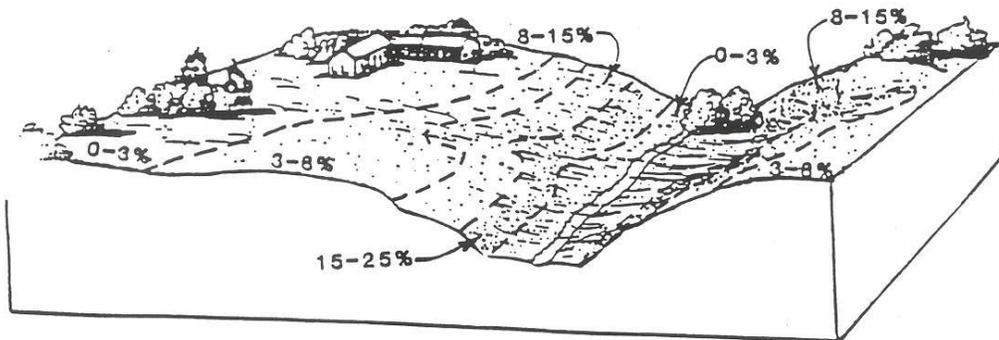


Figure 1 - Soil Slope Related to the Landscape

## **SURFACE STONES**

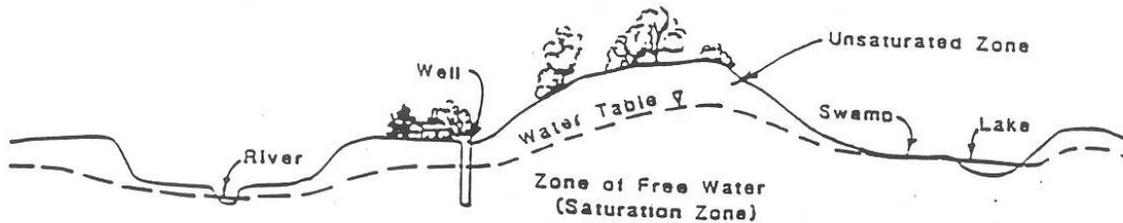
Surface stones are rock fragments ten inches or larger in diameter which lie on the soil surface or which are partially imbedded in the soil. The amount of surface stoniness is referred to as the percent of area covered by stones. For example, a three percent stone

cover means that three percent of the total area is covered by stones ten inches or larger. Boulders are those rock fragments larger than 24 inches.

Surface stones affect the use of a soil by being a nuisance during operations which disturb the soil surface. In some cases, depending on the size and amount of surface stones, special equipment may be necessary for stone removal.

## **WATER TABLE**

The water table is defined as the water surface within a soil where all voids or spaces are completely filled with water (saturated). The water table in the soil rises and falls with respect to time and the extent of saturation of the soil and varies according to its drainage characteristics and the supply of water to the soil (figure 2). The water table fluctuates by season and also can vary over a period of years. Water tables in soils fluctuate more or less in a regular pattern during the course of the year.

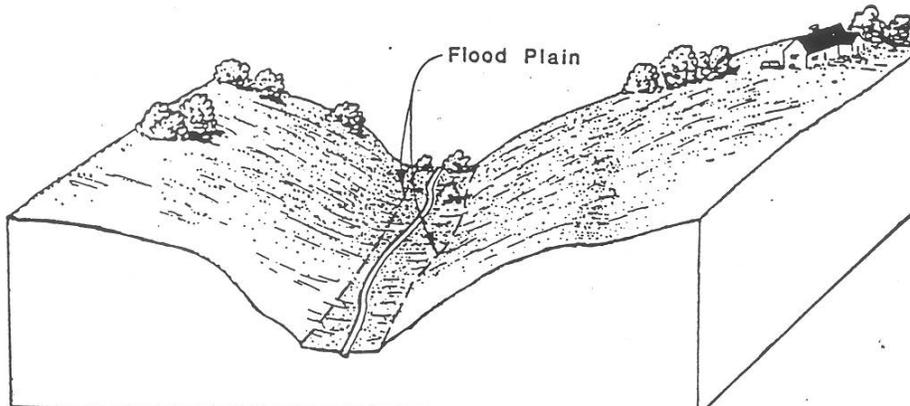


**Figure 2 - Diagram Showing the Relation of the Water Table to the Earth's Surface**

Maximum heights in soils with a seasonal water table can be expected in April or May, just after the snow melts and the frost comes out of the ground and again in the late fall. Water tables also fluctuate within a season depending on precipitation. Seasonal high water table can be determined by soil color or the presence of spots of varying color (mottles) within the soil. Generally yellowish and reddish colors indicate a dry, well oxygenated soil. Grayish colors indicate an absence of oxygen caused by wet conditions.

## **FLOODING**

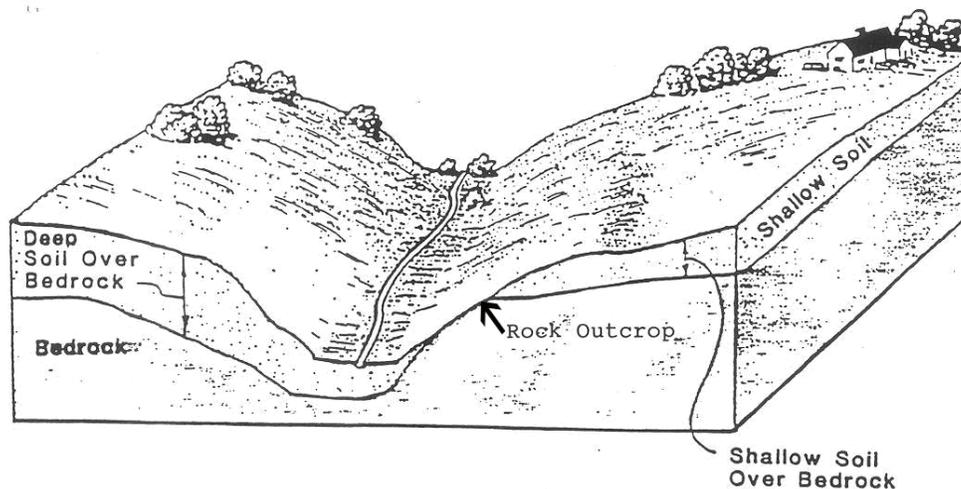
Some soils are flood prone. Flooding refers to the inundation by water from river or stream overflow (figure 3). This soil property indicates a very serious condition for development. Where soils are subject to flooding, it is not desirable to locate normal types of structures. Many uses, such as septic sewage waste disposal systems can be adversely affected by flooding and may be prohibited by local or state laws.



**Figure 3 - Soils in the Flood Plain are Subject to Flooding**

## **DEPTH TO BEDROCK**

The depth of soil above the bedrock has a great influence on development. Generally, it is expensive to excavate and remove bedrock for house foundations or roads. Shallow depth to bedrock may prohibit or greatly increase the costs of construction of septic tank systems. Depth to bedrock varies greatly over a relatively short distance as shown in figure 4.



**Figure 4 - Depth to Bedrock**

## RESTRICTIVE LAYER

Some soils have a restrictive layer that begins at a depth of 10 to 40 inches. The restrictive layer is commonly a firm substratum in glacial till soils or lake and marine sediment soils. This restrictive layer impedes the natural drainage of the soil by restricting the downward movement of water. A perched or intermittent water table is often created above the restrictive layer.

## NATURAL DRAINAGE CLASS

Natural drainage refers to the rapidity and extent of the removal of water from the soil in relation to the flow of incoming water, and is closely associated to the seasonal high water table. The natural drainage class of a soil refers to the drainage class of a soil in its natural state without artificial drainage. With artificial drainage, such as underground tile lines or open surface drains, the depth of the water table can be altered. Natural drainage classes range from very poorly drained in the wettest soils to excessively drained on the driest soils. Figure 5 idealizes the changes in soil drainage as topography changes.

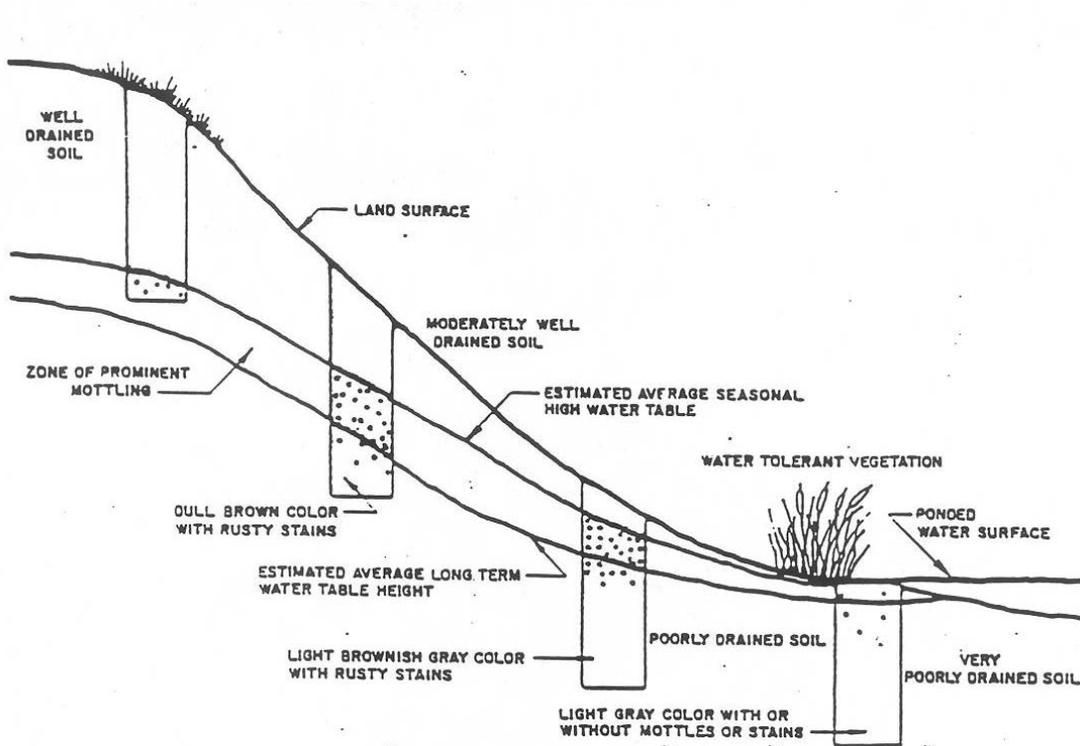


Figure 5 - Soil Drainage Class

## DEFINITION OF LOW DENSITY DEVELOPMENT

For the purpose of this document, low density development includes single family unit residences with basements and comparable buildings and septic tank absorption fields, with an on-site source of water. Residences may be a single unit or a cluster of units in a development. Gravel roads in developments are also included. In developing this rating

system, a specific model of a house, septic system and road were used (as described below) with the cost of construction at the time. This was necessary to assign index points. Although costs change over time, the relative relationship of the rating system will not change, thus eliminating the need for a cost factor when using these ratings. Once established, the rating system gives a relative measure of the suitability of a site for development that is not tied to a specific model of a house, septic system or road.

### ***SEPTIC TANK ABSORPTION FIELD SYSTEM***

The model single family home sewage disposal system consists of a 1000 gallon septic tank and an absorption field that distributes effluent from the septic tank into the soil. The system is designed for 270 gallons per day of effluent from a three bedroom house. The system is expected to function year-round at the designed capacity without surfacing of effluent, backing up of the system, or pollution of the groundwater. It is assumed that septic tanks and absorption fields will be installed according to the Subsurface Wastewater Disposal Rules, Chapter 241, Department of Human Services, Division of Health Engineering, State of Maine. It is also assumed the septic tanks will be maintained properly.

### ***DWELLINGS WITH BASEMENTS***

The model dwelling with basement is a single family year-round residence less than three stories high with a full basement and garage covering 1500 square feet of land. The foundation consists of spread footings with an eight foot, poured concrete wall built on undisturbed soil. All dwellings have minimal foundation drains. There is on site sewage disposal and water supply.

### ***LOCAL ROADS AND STREETS***

The model local road or street is one that is designated for purposes of vehicular traffic designed to handle 25 to 100 vehicles per day. These roads generally have a gravel surface about 20 feet wide including shoulders. Base material is about 15 inches of gravel. Surface water drainage is minimal. Cost figures are based on 100 foot segments of road.

### ***RATING FACTORS***

**DEPTH TO WATER TABLE** - The depth to water table affects the natural drainage of the soil which in turn affects the soils potential for development. A soil with a shallow depth to the seasonal high water table requires construction methods such as added fill and artificial drainage to overcome this limitation. A soil with a seasonal high water table deeper than 6 feet below the soil surface would have higher potential than a soil with a seasonal high water table at 18 inches.

**FLOODING** - Soils are rated on the basis of whether they are subject to flooding or not. Flooding is separated into three categories: none, occasional (floods at least once in ten years), and frequent (floods at least once every two years). Soils subject to flooding have less potential for development than those that do not flood.

**SLOPE** - Soils are rated on the basis of slope. The less sloping areas require less corrective measures than the steeper areas and thus have a greater potential for development.

**DEPTH TO BEDROCK** - The presence of bedrock affects the use of soil for development. Soils with shallow depth over bedrock have less potential for development than deep soils.

**SURFACE STONES** - The presence of stones and boulders on the soil surface affect the use of the soil for development. In preparing a site for a dwelling or septic sewage disposal area surface stones have to be removed.

**DEPTH TO RESTRICTIVE LAYER** - Some soils have a restrictive layer that begins at a shallow depth. This layer can impede natural drainage and permeability. This soil factor is important when designing a septic sewage disposal system.

**SOIL PROFILE AND CONDITION** - The Maine State Plumbing Code provides a table by which each soil can be categorized by profile group and soil condition. The profile group is based on parent material or origin of the soil, texture of the soil, and the presence of any restricting layer within the soil profile. The soil condition refers to the depth to bedrock or drainage class.

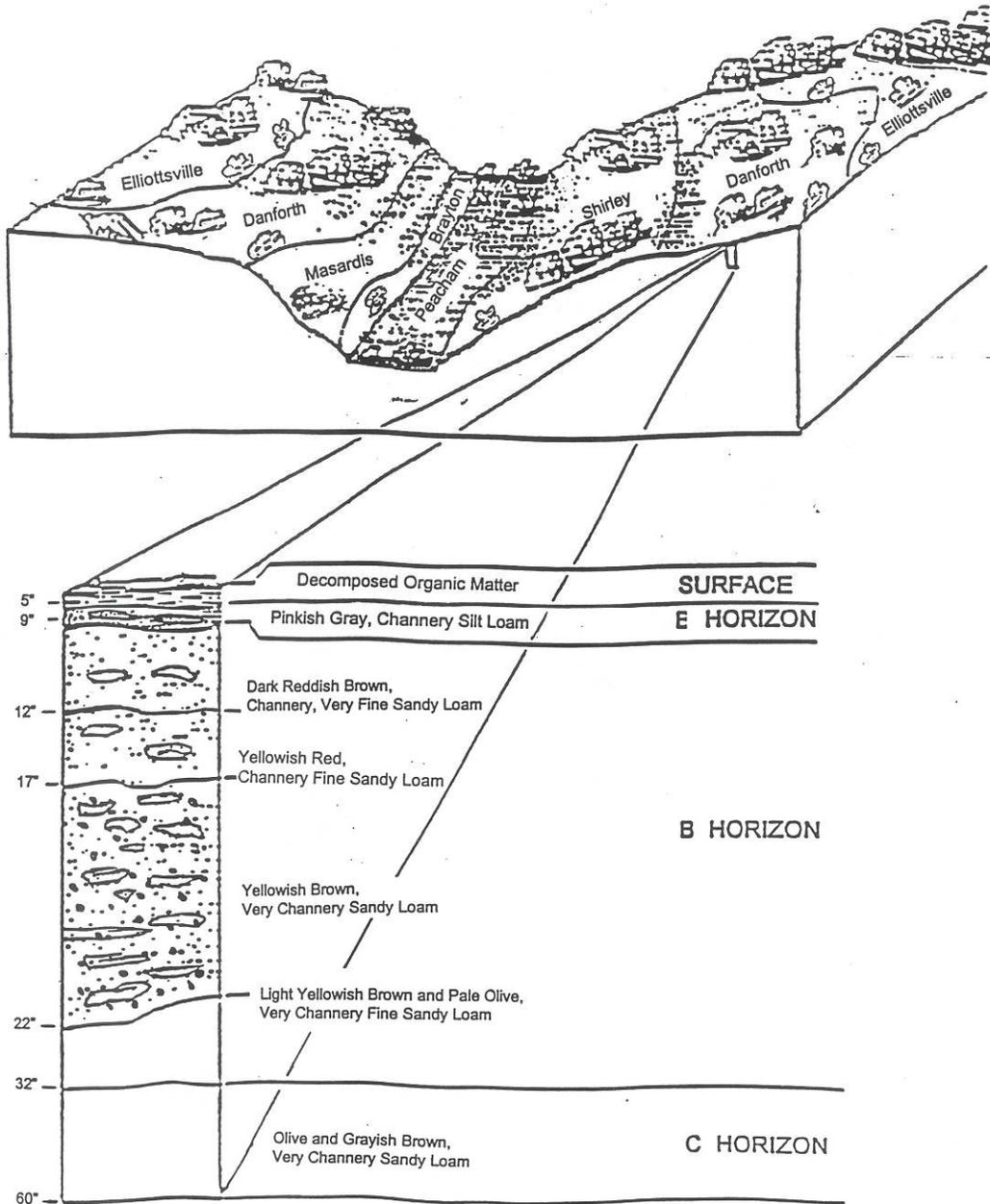
## ***REFERENCE SOIL***

In order to establish soil potential ratings for low density development, a reference soil for the area was established. The reference soil has the most favorable characteristics for all the uses rated in this document. All of the soils are evaluated relative to the reference soil and arrayed in descending order of relative quality. The reference soil condition for development is a soil with the following properties:

- A water table level greater than 6 feet.
- The soil does not flood.
- The slope is 10 percent.
- The soil lacks a restrictive layer.
- The depth to bedrock is more than 5 feet.
- Surface stone cover is 0.1 to 15 percent.
- The soil requires a medium sized rating for a septic sewage disposal field.
- There is low potential for groundwater contamination from septic field effluent.

The Danforth soil has been established as the reference soil for the unorganized areas. It has all of the desirable properties for low density development uses. A Danforth soil on a slope of 2 to 8 percent would have a Soil Potential Index of 100. However, on soils legends for NRCS soil survey maps in the unorganized areas, there is no Danforth map unit with a 2 to 8 percent slope. The closest map units are 3IXC Danforth - Masardis - Peacham association, 1 to 16 percent slopes and 34C Danforth - Shirley - Elliottsville association, 3 to 15 percent slopes. In these map units, Danforth averages about 10 percent slopes which would rate slightly less than 100 but an area of Danforth soils identified by a more detailed soil survey on a slope of 2 to 8 percent would rate 100.

Most other soils in the Unorganized Area will have an index lower than the Danforth soils. Hermon and Monadnock soils have the same rating as Danforth, but Danforth was chosen as the reference soil because it is the most extensively mapped soil in the Unorganized Area. This was determined by communication with NRCS soil scientists that have extensive mapping experience in the Unorganized Area. Figure 6 shows an idealized profile of the Danforth soil.



**Figure 6 - Profile of Danforth Soil, Each Soil Has a Unique Profile**

## SOIL POTENTIAL INDEX

The Soil Potential Index is derived by calculating values for soil performance. All soils start out with values of 100 and then deductions are made for costs of corrective measures to overcome limiting soil properties, and costs established to overcome continuing limitations.

No highly detailed economic analysis of costs has been determined. Corrective measures represent indices of added costs over the basic cost of the reference soil needed to obtain the desired level of performance. No corrective measures are required for the reference soil; therefore, no deductions would be made in deriving the soil potential index. Soils with less favorable properties would have ratings less than 100 to account for deductions taken to obtain the desired performance level.

Example:

For a soil with a seasonal high water table at 2 feet below the ground surface the corrective measure for a septic sewage absorption field would be added fill to raise the level of the field. The cost of added fill is indexed and becomes part of the Soil Potential Index Equation.

Limitations existing after all corrective measures have been made are referred to as continuing limitations. These may include negative effects on social, economic, or environmental values. Continuing limitations are indices of costs resulting from unfavorable soil properties remaining after corrective measures are made. An example would be erosion control on steep slopes in order to prevent siltation of road ditches or plugging of storm drains. The cost of periodic erosion control measures would be indexed and used in the Soil Potential Index equation.

The Soil Potential Rating is based on the index value obtained after the corrective measure index and continuing limitation index have been subtracted from 100.

The Soil Potential Index is a mathematical expression of a soil's position in the overall range of potentials which goes from a high of 100 to a low of 0. Since the entire range is large, these numerical ratings are separated into Soil Potential Rating Classes. These classes are based on the expected performance of a soil if feasible measures are taken to overcome its limitations, the cost of such measures, and the magnitude of the limitations that remain after measures have been applied. The development rating (fourth column in the rating tables) is a weighted sum of the septic, dwelling and road indices. The septic system has the most restrictive site requirements and the dwelling has the least restrictive site requirements. Therefore, to get the composite development index, 45 percent of the septic index, 20 percent of the dwelling index and 35 percent of the local road index are added together.

Example: 38C2 Skerry part;

Septics Index	69 x .45(45%) =	31.05
Dwellings Index	81 x .20=	16.20+
Roads Index	66 x .35 =	23.10+
Development Index		70 rounded

**Table 2 – Figuring the Development Index**

**Table 3 - Soil Potential Rating Class**

SOIL POTENTIAL INDEX	RATING CLASS
100	VERY HIGH(VH)
83-99	HIGH (H)
60-82	MEDIUM (M)
40-59	LOW (L)
0-39	VERY LOW (VL)

**VERY HIGH POTENTIAL** - Site conditions and soil properties are favorable. Installation costs are lowest for that use and there are no soil limitations. Soils in the group have soil properties similar to the reference soil. The Soil Potential Index for this rating class is 100 for each soil use.

**HIGH POTENTIAL** - Site conditions and soil properties are not as favorable as the reference soil condition. The cost of measures for overcoming soil limitations are slight. The index for this rating class ranges from 83 to 99 for each soil use.

**MEDIUM POTENTIAL** - Site conditions and soil properties are below soils with high potential. Costs of the measures for overcoming soil limitations are significant. The Soil Potential Index for this class ranges from 60 to 82.

**LOW POTENTIAL** - Site conditions and soil properties are significantly below soils with medium potential. Costs of measures required to overcome soil limitations are very high. The Soil Potential Index for this rating class ranges from 40 to 59 for each soil use.

**VERY LOW POTENTIAL** - There are severe soil limitations for which economical corrective measures are prohibitive or unavailable and costs of these measures are extremely high. Also, soil limitations which detract from environmental quality may continue even after installation of corrective measures. The Soil Potential Index for this rating class is less than 40. They may also be prohibited for use by local or state laws.

### **CRYIC SOILS**

Both the Maine Land Use Regulation Commission and the Maine Department of Environmental Protection list fragile mountain areas as “resources of state significance”. Activities in these areas may require a permit. Fragile mountain areas are defined as “areas above 2700 feet in elevation from mean sea level”.

Soils are considered cryic (cold) if their mean annual temperature is between 32 and 47 degrees Fahrenheit. The mean annual summer (June, July, August) temperature must be below 59 degrees Fahrenheit. In the unorganized areas, cryic soils are mapped above 2500 feet in elevation from mean sea level. Therefore, cryic soils can indicate fragile mountain areas

Special precautions must be taken when working in cryic soils. Because of the short growing season, projects must be timed carefully so that time is allowed for revegetation of disturbed areas. High proportions of organic materials in the upper layers make soils

slippery, unstable and difficult to compact, presenting problems for equipment and vehicle operations.

## **ADDITIONAL NOTES**

1. The Maine Subsurface Wastewater Disposal Rules, 144A CMR 241, dated October 1, 2002 was the reference for developing the soil potential indices and ratings for the septic sewage disposal fields. These rules govern siting, design, construction, and inspection of subsurface wastewater disposal systems. Table 600.1 of the Rules recommends disposal area ratings for the soils in Maine based on parent material, texture and soil classification, depth to bedrock, and drainage. Every soil being rated has to be identified in the table based on these soil properties to determine disposal area size and depth of the separation distance between the bottom of the bed and the most limiting factor (seasonal high groundwater table, restrictive layer, or bedrock).

Assumptions made for determining the disposal area size are for a three bedroom single family home with a design flow of 270 gallons of wastewater per day with a medium rated crushed rock disposal area of 700 square feet on a soil meeting the minimum standards for a first time system. Costs include the tank, pipe, rock fill, and any other fill and materials needed to meet the standards of the plumbing code.

2. Costs of corrective measures and continuing limitations are approximated and based on 1995 prices. For soil and site conditions that have no typical corrective measures or where no actual costs could be determined, penalty points were assigned as a factor.
3. These soil potential ratings for development may need to be updated in the future to reflect new technology and new ordinances and rules. These changes may affect the soil potential of a soil for a particular use over a period of time.
4. Some soil characteristics have numerical ranges. The third paragraph on page 78 describes how values were determined that are used with the work sheets to calculate a soil potential index value.
5. Outwash soils have rapid or very rapid permeability. The Maine Subsurface Wastewater Disposal Rules lists these soils as profile numbers 5 and 6. The rapid rate of permeability creates the potential for increased groundwater contamination. Due to this condition, these soils are penalized 60 index points and have a rating class of low or very low. The footnote on the Septic Tank Absorption Field; Soil Profile and Condition Work Sheet page 84 lists some but not all the possible methods to reduce the potential for groundwater contamination. If one of these measures is used and the depth to seasonal high water table and slope are suitable, the rating class may improve to better than very low or low. The soils that may meet these criteria are Adams, Allagash, Agwam, Au Gres, Colton, Croghan, Deerfield, Duane, Duxbury, Finch, Hinckley, Machias, Madawaska, Marlow, Masardis, Masardis Variant, Merrimac, Moosilauke, Naumberg, Ninigret, Saugatuck, Scarboro, Sheepscot, Skowhegan, Stetson, Walpole and Windsor.
6. Somewhat poorly drained soils that have a seasonal high water table deeper than 12 inches from the mineral soil surface may have a higher soil potential rating if they are outside of the shore land zone.

## **REFERENCES**

Carroll County Conservation District, New Hampshire, Soil Potential Ratings for Low Density Development November 1987.

Maine Department of Human Services, Division of Health Engineering, Augusta, Maine, Site Evaluation for Subsurface Wastewater Disposal Design in Maine June 1987.

Maine Department of Human Services, Division of Health Engineering, Augusta, Maine, Subsurface Wastewater Disposal Rules. Chapter 241 Rev. 2002.

U.S. Department of Agriculture, Soil Conservation Service, National Soil Handbook. 1983.

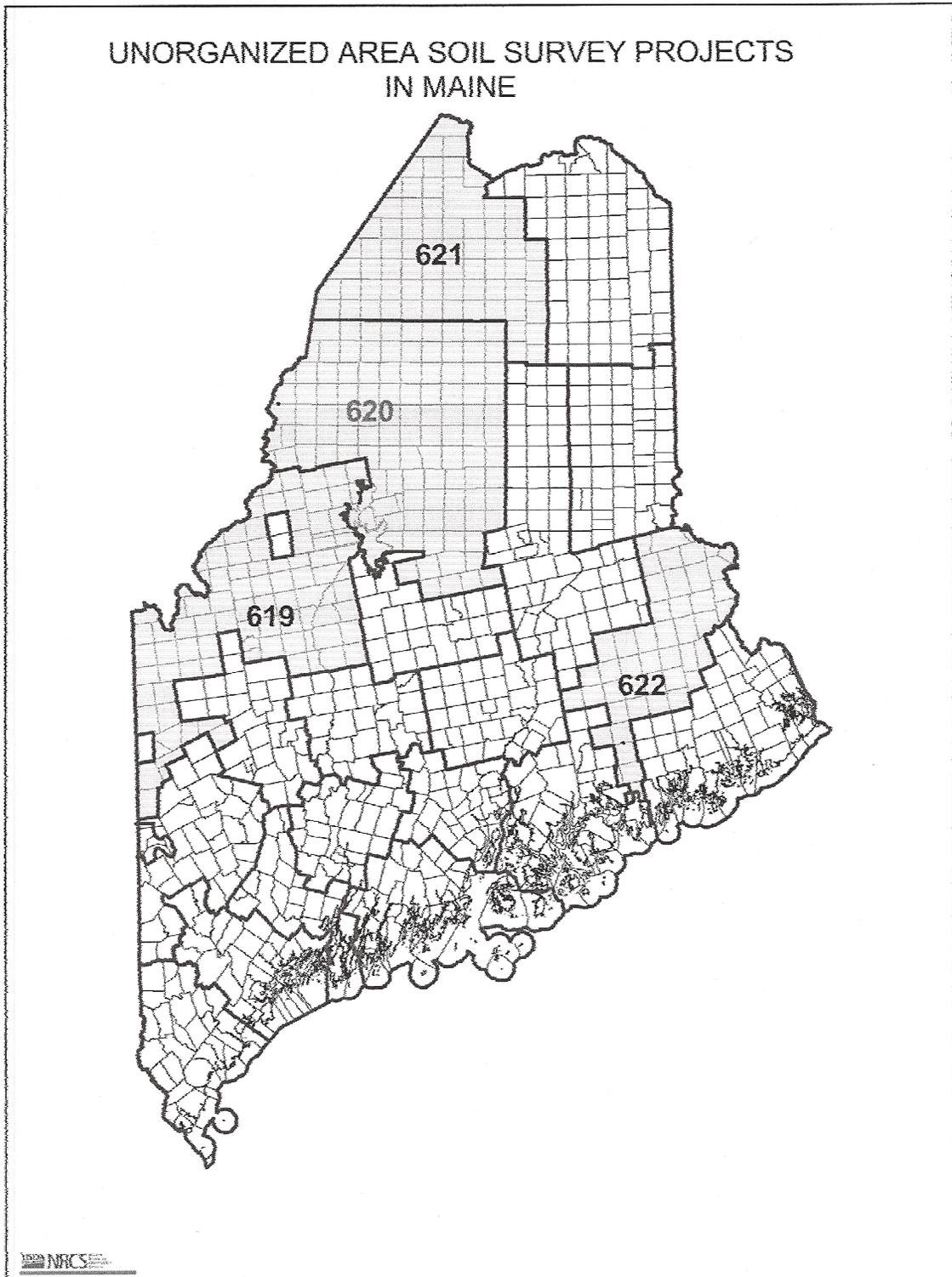
U.S. Department of Agriculture, Soil Conservation Service, Soil Interpretation Records (SCS-SOILS-5)

U.S. Department of Agriculture, Soil Conservation Service, Soil Survey Manual

## **SOIL SURVEY PROJECT AREAS**

In the interest of providing a higher quality soil survey product for the public, the Natural Resources Conservation Service and the National Cooperative Soil Survey have divided the United States, including the Unorganized Area of Maine, into soil survey projects. This promotes the timely completion of mapping in smaller geographical areas. The finished maps and supporting written information are available to the public more quickly. The product will be more cohesive and consistent as it is more likely that the survey was or will be completed by a more stable, personnel wise, mapping crew. The Unorganized Area of Maine is divided into four soil survey projects (Figure 7). Area 619 includes northern parts of Somerset, Franklin and Oxford Counties. In this area, the mapping is completed so it has its own soil potential ratings. Area 622 includes parts of northern Hancock and Western Washington Counties. Mapping is completed in well over half this area. It also has its own soil potential ratings. Area 620 includes northern parts of Somerset and Piscataquis Counties. A limited amount of mapping has been completed in this area. Area 621 is western Aroostook County. Mapping has started as a soil survey project but only a limited amount of work is completed. Due to the limited amount of mapping completed in areas 620 and 621, they have been combined into one soil potential rating.

Figure 7 - Unorganized Area Soil Survey Projects



**Table 4 – Soil Potential Index Values and Rating Classes for Soil Survey Project 619 (See additional note number 5 on page 18 concerning outwash soils.)**

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
0A	Wonsqueak and Bucksport soils, 0 to 1 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
0A1	Wonsqueak part	0	6	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
0A2	Bucksport part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A	Charles-Cornish-Wonsqueak complex, 0 to 2 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A1	Charles part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A2	Cornish part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A3	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
6XB	Roundabout-Croghan association, 0 to 8 percent slopes	0	0	51	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
6XB1	Roundabout part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
6XB2	Croghan part	27	94	95	64	Very Low (VL)	High (H)	High (H)	Medium (M)
12B	Adams-Croghan association, 1 to 8 percent slopes	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
12B1	Adams part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
12B2	Croghan part	27	94	85	61	Very Low (VL)	High (H)	High (H)	Medium (M)
13C	Colton-Adams association, 5 to 15 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
13C1	Colton part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
13C2	Adams part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
21C(17C, 18B)	Masardis-Adams association, 1 to 16 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
21C1	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
21C2	Adams part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
21E(17E)	Masardis-Adams association, 8 to 60	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	percent slopes								
21E1	Masardis part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
21E2	Adams part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
31XC	Masardis-Danforth-Peacham association, 1 to 16 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
31XC1	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
31XC2	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
31XC3	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
34C	Danforth- Elliottsville association, 3 to 15 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34C1	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
34D	Danforth-Elliottsville association, 15 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34D1	Danforth part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34D2	Elliottsville part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
37B	Colonel-Pillsbury-Skerry association, 1 to 8 percent slopes	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B1	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B2	Pillsbury part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
37B3	Skerry part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
37C	Colonel-Skerry-Pillsbury association, 3 to 15 percent slopes	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
37C1	Colonel part	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
37C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
37C3	Pillsbury part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
38C	Becket- Skerry association, 5 to 15 percent slopes	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
38C1	Becket part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
38C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
38D	Becket-Skerry association, 10 to 30 percent slopes	4	69	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
38D1	Becket part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
38D2	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
38E	Becket-Hermon-Rawsonville association, 25 to 60 percent slopes	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
38E1	Becket part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
38E2	Hermon part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
38E3	Rawsonville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
40C	Skerry-Becket-Rawsonville association, 5 to 15 percent slopes	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
40C1	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
40C2	Becket part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
40C3	Rawsonville part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
47C	Monadnock-Berkshire-Rawsonville association, 5 to 16 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
47C1	Monadnock part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
47C2	Berkshire part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
47C3	Rawsonville part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
47D	Monadnock-Berkshire-Rawsonville association, 10 to 45 percent slopes	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
47D1	Monadnock part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D2	Berkshire part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D3	Rawsonville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
48C	Dixfield-Colonel-Rawsonville association, 3 to 15 percent slopes	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48C1	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48C2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
48C3	Rawsonville part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48D	Marlow-Dixfield-Rawsonville association, 10 to 30 percent slopes	12	69	47	36	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
48D1	Marlow part	12	69	47	36	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
48D2	Dixfield part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
48D3	Rawsonville part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
49E	Marlow-Hogback-Berkshire association, 25 to 45 percent slopes	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
49E1	Marlow part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
49E2	Hogback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
49E3	Berkshire part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
53C	Dixfield-Colonel-Marlow association, 3 to 15 percent slopes	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
53C1	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
53C2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
53C3	Marlow part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
53D	Marlow-Dixfield association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
53D1	Marlow part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
53D2	Dixfield part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
54B	Colonel-Pillsbury-Dixfield association, 1 to 8 percent slopes	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
54B1	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
54B2	Pillsbury part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
54B3	Dixfield part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
54C	Colonel-Dixfield-Pillsbury association, 3 to 15 percent slopes	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
54C1	Colonel part	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
54C2	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
54C3	Pillsbury part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55B(67B)	Pillsbury-Peacham association, 1 to 8 percent slopes	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55B1	Pillsbury part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55B2	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 68C(67C)	Surplus-Bemis association, 5 to 15 percent slopes	69	74	48	63	Medium (M)	Medium (M)	Low (L)	Medium (M)
* 68C1	Surplus part	69	74	48	63	Medium (M)	Medium (M)	Low (L)	Medium (M)
* 68C2	Bemis part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
* 69D	Surplus-Sisk association, 12 to 30 percent slopes	0	54	16	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
* 69D1	Surplus part	0	54	16	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
* 69D2	Sisk part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
* 70D	Saddleback-Sisk-Rock outcrop association, 15 to 30 percent slopes	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70D1	Saddleback part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70D2	Sisk part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
* 70D3	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70E	Saddleback-Sisk-Rock outcrop association, 20 to 45 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70E1	Saddleback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70E2	Sisk part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
* 70E3	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
74B	Telos-Monarda-Monson association, 1 to 12 percent slopes	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
74B1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
74B2	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
74B3	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
76C(56C, 57C,80C)	Telos-Chesuncook-Elliottsville association, 3 to 15 percent slopes	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
76C1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
76C2	Chesuncook part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
76C3	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
76D(56D, 57D,80D)	Chesuncook-Elliottsville-Telos association, 5 to 30 percent slopes	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
76D1	Chesuncook part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
76D2	Elliottsville part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
76D3	Telos part	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
77C(81C)	Telos-Chesuncook association, 3 to 15 percent slopes	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
77C1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
77C2	Chesuncook part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
77D(81D)	Chesuncook-Telos	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	association, 8 to 30 percent slopes								
77D1	Chesuncook part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
77D2	Telos part	0	54	16	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
78B(58B, 82B)	Monarda-Telos association, 1 to 8 percent slopes	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
78B1	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
78B2	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
79B(83B)	Monarda-Burnham association, 1 to 8 percent slopes	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
79B1	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
79B2	Burnham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89C	Elliottsville-Monson complex, 5 to 15 percent slopes	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
89C1	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
89C2	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
89D	Elliottsville-Monson complex, 10 to 30 percent slopes	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
89D1	Elliottsville part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
89D2	Monson part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89E	Elliottsville-Monson complex, 25 to 60 percent slopes	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89E1	Elliottsville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89E2	Monson part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
93B(94B)	Monarda-Ricker association, 1 to 12 percent slopes	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
93B1	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
93B2	Ricker part	0	0	61	0	Very Low (VL)	Very Low (VL)	Medium (M)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
94C	Monson-Elliottsville-Ricker complex, 4 to 25 percent slopes	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94C1	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
94C3	Ricker part	0	0	30	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E	Monson-Elliottsville-Ricker complex, 16 to 65 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E1	Monson part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E2	Elliottsville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E3	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XC	Hogback-Rawsonville complex, 4 to 25 percent slopes	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94XC1	Hogback part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XC2	Rawsonville part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
94XE	Hogback-Rawsonville complex, 20 to 60 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XE1	Hogback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XE2	Rawsonville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 95D	Enchanted-Saddleback association, 15 to 30 percent slopes	0	56	47	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
* 95D1	Enchanted part	0	56	47	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
* 95D2	Saddleback part	0	35	43	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
* 95E	Enchanted-Mahoosuc association, 30 to 80 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 95E1	Enchanted part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
+ 95E2	Mahoosuc part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
+ 96C	Mahoosuc-Colonel-	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	Pillsbury association, 1 to 16 percent slopes								
+ 96C1	Mahoosuc part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
96C2	Colonel part	18	85	61	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
96C3	Pillsbury part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
100	Ricker-Rock outcrop complex	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1001	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1002	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 101	Ricker-Saddleback- Rock outcrop complex, 20 to 60 percent slopes	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 1011	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 1012	Saddleback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 1013	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102D	Saddleback- Ricker complex, 10 to 50 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102D1	Saddleback part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102D2	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102E	Saddleback-Ricker complex, 25 to 60 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102E1	Saddleback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102E2	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E	Abram-Rock outcrop- Hermon association, 20 to 60 percent slopes	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E1	Abram part	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E2	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E3	Hermon part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
104	Rock outcrop-Ricker	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	complex								
1041	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1042	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
180C	Chesuncook-Elliottsville-Telos association, 2 to 15 percent slopes	61	81	66	64	Medium (M)	Medium (M)	Medium (M)	Medium (M)
180C1	Chesuncook part	61	81	66	64	Medium (M)	Medium (M)	Medium (M)	Medium (M)
180C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
180C3	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
301C	Hermon-Skerry association, 5 to 15 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
301C1	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
301C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
301D	Hermon-Skerry association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
301D1	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
301D2	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
302C	Hermon-Rawsonville-Skerry association, 5 to 15 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
302C1	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
302C2	Rawsonville part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
302C3	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
302D	Hermon-Rawsonville-Skerry association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
302D1	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
302D2	Rawsonville part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
302D3	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
312C	Colton-Hermon association, 5 to 15	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	percent slopes								
312C1	Colton part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
312C2	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
312D	Colton-Hermon association, 15 to 30 percent slopes	0	72	49	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
312D1	Colton part	0	72	49	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
312D2	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
942C	Hogback-Abram complex, 4 to 25 percent slopes	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
942C1	Hogback part	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
942C2	Abram part	0	0	29	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E	Hogback-Abram complex, 15 to 60 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E1	Hogback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E2	Abram part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

+ Mahoosuc soil has a rubbly profile. This does not show up in the worksheets but accounts for the 0 or very low rating.

\* See cryic soil description.

( ) Indicates a map unit number that has been combined with another map unit.

**Table 5 – Soil Potential Index Values and Rating Classes for Soil Survey Projects 620 and 621 (See additional note number 5 on page 18 concerning outwash soils.)**

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
0A	Wonsqueak and Bucksport soils, 0 to 1 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
0A1	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
0A2	Bucksport part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A	Charles-Cornish-Wonsqueak complex, 0 to 2 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A1	Charles part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A2	Cornish part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A3	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
6XB	Roundabout-Nicholville association, 0 to 8 percent slopes	0	0	51	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
6XB1	Roundabout part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
6XB2	Nicholville part	78	94	81	82	Medium (M)	High (H)	Medium (M)	Medium (M)
+ 10F	Mahoosuc-Rock Outcrop complex, 0 to 100 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
+ 10F1	Mahoosuc part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
10F2	Rock Outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
12B	Adams-Croghan association, 1 to 8 percent slopes	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
12B1	Adams part	47	100	100	76	Low (L)	Very High	Very High	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
							(VH)	(VH)	
12B2	Croghan part	27	94	85	61	Very Low (VL)	High (H)	High (H)	Medium (M)
13C	Colton-Adams association, 5 to 15 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
13C1	Colton part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
13C2	Adams part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
16XA	Roundabout-Wonsqueak association, 0 to 3 percent slopes	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
16XA1	Roundabout part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
16XA2	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
18B	Machias-Masardis association, 0 to 8 percent slopes	19	94	95	61	Very Low (VL)	High (H)	High (H)	Medium (M)
18B1	Machias part	19	94	95	61	Very Low (VL)	High (H)	High (H)	Medium (M)
18B2	Masardis part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
19B	Madawaska-Allagash association, 0 to 8 percent slopes	23	94	85	59	Very Low (VL)	High (H)	High (H)	Low (L)
19B1	Madawaska part	23	94	85	59	Very Low (VL)	High (H)	High (H)	Low (L)
19B2	Allagash part	42	100	100	74	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
21C	Masardis-Adams association, 1 to 16 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
21C1	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
21C2	Adams part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
21E	Masardis-Adams association, 20 to 60 percent slopes	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
21E1	Masardis part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
21E2	Adams part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
31XC	Danforth-Masardis-Peacham association, 1 to 16 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
31XC1	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
31XC2	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
31XC3	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
32XC	Masardis-Danforth association, 3 to 15 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
32XC1	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
32XC2	Danforth part	85	92	80	85	High (H)	High (H)	Medium (M)	High (H)
34C	Danforth- Shirley- Elliottsville, 3 to 15 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34C1	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34C2	Shirley part	25	85	70	53	Very Low (VL)	High (H)	Medium (M)	Low (L)
34C3	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
34D	Danforth-Elliottsville association, 15 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34D1	Danforth part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34D2	Elliottsville part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
34XC	Tunbridge-Danforth association, 5 to 20 percent slopes	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
34XC1	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
34XC2	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34XD	Danforth-Tunbridge association, 10 to 30 percent slopes	12	69	47	36	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34XD1	Danforth part	12	69	47	36	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34XD2	Tunbridge part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
36B	Peacham-Shirley association, 0 to 8 percent slopes	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
36B1	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
36B2	Shirley part	25	85	69	52	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B	Colonel-Brayton-Skerry association, 1 to 8 percent slopes	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B1	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B2	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
37B3	Skerry part	84	92	88	87	High (H)	High (H)	High (H)	High (H)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
37C	Colonel-Skerry-Brayton association, 3 to 15 percent slopes	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
37C1	Colonel part	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
37C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
37C3	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
38C	Becket- Skerry association, 5 to 15 percent slopes	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
38C1	Becket part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
38C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
38D	Becket-Skerry association, 10 to 30 percent slopes	4	69	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
38D1	Becket part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
38D2	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
39D	Becket-Tunbridge association, 15 to 35 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
39D1	Becket part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
39D2	Tunbridge part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
40C	Becket-Skerry-Tunbridge association, 5 to 15 percent slopes	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
40C1	Becket part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
40C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
40C3	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
47C	Monadnock-Berkshire-Tunbridge association, 5 to 16 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
47C1	Monadnock part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
47C2	Berkshire part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
47C3	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
47D	Monadnock-Berkshire-Tunbridge association, 10 to 45 percent slopes	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D1	Monadnock part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D2	Berkshire part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D3	Tunbridge part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
48C	Dixfield-Colonel-Tunbridge association, 3 to 15 percent slopes	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48C1	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48C2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
48C3	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48D	Marlow-Tunbridge-Dixfield association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
48D1	Marlow part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
48D2	Tunbridge part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
48D3	Dixfield part	0	61	35	0	Very Low	Medium (M)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
						(VL)			
49E	Marlow-Lyman-Berkshire association, 25 to 45 percent slopes	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
49E1	Marlow part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
49E2	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
49E3	Berkshire part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
53C	Dixfield-Colonel-Marlow association, 3 to 15 percent slopes	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
53C1	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
53C2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
53C3	Marlow part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
53D	Marlow-Dixfield association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
53D1	Marlow part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
53D2	Dixfield part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
54B	Colonel-Brayton-Dixfield association, 1 to 8 percent slopes	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
54B1	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
54B2	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
54B3	Dixfield part	84	92	88	87	High (H)	High (H)	High (H)	High (H)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
54C	Colonel-Dixfield-Brayton association, 3 to 15 percent slopes	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
54C1	Colonel part	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
54C2	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
54C3	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55B	Brayton-Peacham association, 1 to 8 percent slopes	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55B1	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55B2	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 68C	Surplus-Bemis association, 5 to 15 percent slopes	69	74	48	63	Medium (M)	Medium (M)	Low (L)	Medium (M)
* 68C1	Surplus part	69	74	48	63	Medium (M)	Medium (M)	Low (L)	Medium (M)
* 68C2	Bemis part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
* 69D	Surplus-Sisk association, 12 to 30 percent slopes	0	54	16	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
* 69D1	Surplus part	0	54	16	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
* 69D2	Sisk part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
* 70D	Saddleback-Sisk-Rock outcrop association, 15 to 30 percent slopes	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70D1	Saddleback part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
* 70D2	Sisk part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
* 70D3	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70E	Saddleback-Sisk-Rock outcrop association, 20 to 45 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70E1	Saddleback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 70E2	Sisk part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
* 70E3	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
74B	Telos-Monarda-Monson association, 1 to 12 percent slopes	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
74B1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
74B2	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
74B3	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
76C	Telos-Chesuncook-Elliottsville association, 3 to 15 percent slopes	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
76C1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
76C2	Chesuncook part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
76C3	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
76D	Chesuncook-Elliottsville-Telos association, 5 to 30 percent slopes	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
76D1	Chesuncook part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
76D2	Elliottsville part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
76D3	Telos part	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
77C	Telos-Chesuncook association, 3 to 15 percent slopes	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
77C1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
77C2	Chesuncook part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
77D	Chesuncook-Telos association, 12 to 30 percent slopes	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
77D1	Chesuncook part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
77D2	Telos part	0	54	16	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
78B	Telos-Monarda association, 1 to 8 percent slopes	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
78B1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
78B2	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
79B	Monarda-Burnham association, 1 to 8 percent slopes	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
79B1	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
79B2	Burnham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
89C	Elliottsville-Monson complex, 5 to 15 percent slopes	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
89C1	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
89C2	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
89D	Elliottsville-Monson complex, 10 to 30 percent slopes	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
89D1	Elliottsville part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
89D2	Monson part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89E	Elliottsville-Monson complex, 25 to 60 percent slopes	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89E1	Elliottsville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89E2	Monson part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
93B	Monarda-Ricker association, 1 to 12 percent slopes	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
93B1	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
93B2	Ricker part	0	0	61	0	Very Low (VL)	Very Low (VL)	Medium (M)	Very Low (VL)
94C	Monson-Elliottsville-Ricker complex, 4 to 25 percent slopes	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94C1	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
94C3	Ricker part	0	0	30	0	Very Low	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
						(VL)			
94E	Monson-Elliotsville-Ricker complex, 20 to 65 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E1	Monson part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E2	Elliottsville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E3	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XC	Lyman-Tunbridge complex, 4 to 25 percent slopes	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94XC1	Lyman part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XC2	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
94XE	Lyman-Tunbridge complex, 20 to 60 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XE1	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XE2	Tunbridge part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 95D	Enchanted-Saddleback association, 15 to 30 percent slopes	0	56	47	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
* 95D1	Enchanted part	0	56	47	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
* 95D2	Saddleback part	0	35	43	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
* 95E	Enchanted-Mahoosuc association, 30 to 80 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
						Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
* 95E1	Enchanted part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 95E2	Mahoosuc part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
+ 96C	Mahoosuc-Colonel-Brayton association, 1 to 16 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
+ 96C1	Mahoosuc part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
96C2	Colonel part	18	85	61	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
96C3	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
100	Ricker-Rock outcrop complex	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1001	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1002	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 101	Ricker-Saddleback-Rock outcrop complex, 20 to 60 percent slopes	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 1011	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 1012	Saddleback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 1013	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102D	Saddleback- Ricker complex, 10 to 50 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102D1	Saddleback part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102D2	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
* 102E	Saddleback-Ricker complex, 25 to 60 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102E1	Saddleback part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
* 102E2	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E	Abram-Rock outcrop-Hermon association, 20 to 60 percent slopes	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E1	Abram part	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E2	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
103E3	Hermon part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
104	Rock outcrop-Ricker complex	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1041	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1042	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
180C	Chesuncook-Elliottsville-Telos association, 2 to 15 percent slopes	61	81	66	64	Medium (M)	Medium (M)	Medium (M)	Medium (M)
180C1	Chesuncook part	61	81	66	64	Medium (M)	Medium (M)	Medium (M)	Medium (M)
180C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
180C3	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
301C	Skerry-Hermon association, 5 to 15 percent slopes	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
301C1	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
301C2	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
301D	Hermon-Skerry association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
301D1	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
301D2	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
302C	Hermon-Tunbridge-Skerry association, 5 to 15 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
302C1	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
302C2	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
302C3	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
302D	Hermon-Tunbridge-Skerry association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
302D1	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
302D2	Tunbridge part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
302D3	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
312C	Colton-Hermon association, 5 to 15 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
312C1	Colton part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
312C2	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
312D	Colton-Hermon association, 15 to 30 percent slopes	0	72	49	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
312D1	Colton part	0	72	49	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
312D2	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
374B	Daigle-Aurelie-Elliottsville association, 0 to 8 percent slopes	9	85	69	45	Very Low (VL)	High (H)	Medium (M)	Low (L)
374B1	Daigle part	9	85	69	45	Very Low (VL)	High (H)	Medium (M)	Low (L)
374B2	Aurelie part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
374B3	Elliottsville part	72	86	96	83	Medium (M)	High (H)	High (H)	High (H)
376C	Daigle-Elliottsville-Perham association, 2 to 15 percent slopes	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
376C1	Daigle part	9	85	69	45	Very Low (VL)	High (H)	Medium (M)	Low (L)
376C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
376C3	Perham part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
377C	Daigle-Perham association, 2 to 15 percent slopes	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
377C1	Daigle part	9	85	69	45	Very Low (VL)	High (H)	Medium (M)	Low (L)
377C2	Perham part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
378B	Daigle-Aurelie association, 0 to 8 percent slopes	9	85	69	45	Very Low (VL)	High (H)	Medium (M)	Low (L)
378B1	Daigle part	9	85	69	45	Very Low (VL)	High (H)	Medium (M)	Low (L)
378B2	Aurelie part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
379A	Aurelie-Burnham association, 0 to 3 percent slopes	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
379A1	Aurelie part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
379A2	Burnham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
389C	Winnecook-Elliottsville association, 5 to 15 percent slopes	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
389C1	Winnecook part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
389C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
389D	Winnecook-Elliottsville association, 10 to 30 percent slopes	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
389D1	Winnecook part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
389D2	Elliottsville part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
394C	Monson-Winnecook-Ricker association, 5 to 30 percent slopes	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
394C1	Monson part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
394C2	Winnecook part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
394C3	Ricker part	0	0	30	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
394E	Monson-Winnecook-Ricker association, 25 to 60 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
394E1	Monson part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
394E2	Winnecook part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
394E3	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942C	Lyman-Abram complex, 4 to 25 percent slopes	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
942C1	Lyman part	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
942C2	Abram part	0	0	29	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E	Lyman-Abram complex, 20 to 60 percent slopes	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E1	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E2	Abram part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3389E	Winnecook-Thorndike complex, 25 to 45 percent slopes	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3389E1	Winnecook part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3389E2	Thorndike part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

+ Mahoosuc soil has a rubbly profile. This does not show up in the worksheets but accounts for the 0 or very low rating.

\* See cryic soil description.

**Table 6 - Soil Potential Index Values and Rating Classes for Soil Survey Project 622 (See additional note number 5 on page 18 concerning outwash soils.)**

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
0A(39P)	Wonsqueak and Bucksport soils, 0 to 1 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
0A1	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
0A2	Bucksport part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A	Charles-Cornish-Wonsqueak complex, 0 to 2 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A1	Charles part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A2	Cornish part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
3A3	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
6XB	Nicholville-Roundabout association, 0 to 8 percent slopes	78	94	81	82	Medium (M)	High (H)	Medium (M)	Medium (M)
6XB1	Nicholville part	78	94	81	82	Medium (M)	High (H)	Medium (M)	Medium (M)
6XB2	Roundabout part	0	0	42	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
7B	Boothbay-Swanville association, 0 to 8 percent slopes	0	88	68	0	Very Low (VL)	High (H)	Medium (M)	Very Low (VL)
7B1	Boothbay part	0	88	68	0	Very Low (VL)	High (H)	Medium (M)	Very Low (VL)
7B2	Swanville part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
8A	Swanville-Biddeford association, 0 to 2 percent slopes	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
8A1	Swanville part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
8A2	Biddeford part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
12B(316B)	Adams-Croghan association, 1 to 8 percent slopes	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
12B1	Adams part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
12B2	Croghan part	27	94	85	61	Very Low (VL)	High (H)	High (H)	Medium (M)
13C(320C)	Colton-Adams association, 5 to 15 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
13C1	Colton part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
13C2	Adams part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
13E(320E)	Colton-Adams association, 25 to 45 percent slopes	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
13E1	Colton part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
13E2	Adams part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
16XA	Roundabout-Wonsqueak association, 0 to 3 percent slopes	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
16XA1	Roundabout part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
16XA2	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
19B	Madawaska-Allagash association, 0 to 8 percent slopes	23	94	85	59	Very Low (VL)	High (H)	High (H)	Low (L)
19B1	Madawaska part	23	94	85	59	Very Low (VL)	High (H)	High (H)	Low (L)
19B2	Allagash part	42	100	100	74	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
21C	Masardis-Adams association, 1 to 16 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
21C1	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
21C2	Adams part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
21E	Masardis-Adams association, 20 to 60 percent slopes	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
21E1	Masardis part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
21E2	Adams part	0	55	33	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
31XC	Danforth-Masardis-Peacham association, 1 to 16 percent slopes, very stony	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
31XC1	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
31XC2	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
31XC3	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
32XC	Masardis-Danforth association, 3 to 15 percent slopes, very stony	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
32XC1	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
32XC2	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34C	Danforth-Shirley-Elliottsville, 3 to 15 percent slopes, very stony	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34C1	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
34C2	Shirley part	25	85	70	53	Very Low (VL)	High (H)	Medium (M)	Low (L)
34C3	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
34D	Danforth-Elliottsville association, 15 to 30 percent slopes, very stony	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34D1	Danforth part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
34D2	Elliottsville part	0	56	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
34XC	Tunbridge-Danforth association, 5 to 20 percent slopes, very stony	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
34XC1	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
34XC2	Danforth part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
36B	Peacham-Shirley association, 0 to 8 percent slopes, extremely stony	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
36B1	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
36B2	Shirley part	25	85	69	52	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B	Colonel-Brayton-Skerry association, 1 to 8 percent slopes, very stony	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B1	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
37B2	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
37B3	Skerry part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
37C	Colonel-Skerry-Brayton association, 3 to 15 percent slopes, very stony	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
37C1	Colonel part	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
37C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
37C3	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
38B(365B)	Skerry-Colonel association, 1 to 8 percent slopes, very stony	84	92	88	87	High (H)	High (H)	High (H)	High (H)
38B1	Skerry part	84	92	88	87	High (H)	High (H)	High (H)	High (H)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
38B2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
38C(366C)	Becket- Skerry association, 5 to 15 percent slopes, very stony	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
38C1	Becket part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
38C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
38D(366D)	Becket-Skerry association, 10 to 30 percent slopes, very stony	4	69	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
38D1	Becket part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
38D2	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
39G(WA)	Waskish and Sebago soils	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39G1	Waskish part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39G2	Sebago part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39M	Wonsqueak and Bucksport soils, frequently flooded	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39M1	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39M2	Bucksport part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39RC	Naskeag-Abram-Ricker complex, 0 to 15 percent slopes, very	0	0	48	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	stony								
39RC1	Naskeag part	0	0	48	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
39RC2	Abram part	0	0	58	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
39RC3	Ricker part	0	0	61	0	Very Low (VL)	Very Low (VL)	Medium (M)	Very Low (VL)
39RE	Abram-Rock outcrop-Ricker complex, 15 to 80 percent slopes	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39RE1	Abram part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39RE2	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
39RE3	Ricker part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
40C	Becket-Skerry-Tunbridge association, 5 to 15 percent slopes, very stony	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
40C1	Becket part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
40C2	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
40C3	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
47C	Monadnock-Berkshire-Tunbridge association, 5 to 16 percent slopes, very stony	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
47C1	Monadnock part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
47C2	Berkshire part	77	89	78	80	Medium (M)	High (H)	Medium (M)	Medium (M)
47C3	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
47D	Monadnock-Berkshire-Tunbridge association, 10 to 45 percent slopes, very stony	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D1	Monadnock part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D2	Berkshire part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
47D3	Tunbridge part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
48C(337C)	Dixfield-Colonel-Tunbridge association, 3 to 15 percent slopes, very stony	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48C1	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48C2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
48C3	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
48D(338D)	Marlow-Tunbridge-Dixfield association, 12 to 30 percent slopes, very stony	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
48D1	Marlow part	0	69	47	0	Very Low	Medium (M)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
						(VL)			
48D2	Tunbridge part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
48D3	Dixfield part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
49E	Marlow-Lyman-Berkshire association, 25 to 45 percent slopes, very stony	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
49E1	Marlow part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
49E2	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
49E3	Berkshire part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
53C(339C)	Dixfield-Colonel-Marlow association, 3 to 15 percent slopes, very stony	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
53C1	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
53C2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
53C3	Marlow part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
53D	Marlow-Dixfield association, 12 to 30 percent slopes, very stony	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
53D1	Marlow part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
53D2	Dixfield part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
54B	Colonel-Brayton-Dixfield association, 1 to 8 percent slopes, very stony	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
54B1	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
54B2	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
54B3	Dixfield part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
54C	Colonel-Dixfield-Brayton association, 3 to 15 percent slopes, very stony	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
54C1	Colonel part	2	74	47	32	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
54C2	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
54C3	Brayton part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55A	Brayton-Peacham association, 0 to 3 percent slopes, extremely stony	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
55A1	Brayton part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
55A2	Peacham	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
55B	Brayton-Peacham association, 1 to 8 percent slopes, extremely stony	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
55B1	Brayton part	0	0	50	0	Very Low	Very Low (VL)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
						(VL)			
55B2	Peacham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
74B	Telos-Monarda-Monson association, 1 to 12 percent slopes, very stony	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
74B1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
74B2	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
74B3	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
76C	Telos-Chesuncook-Elliottsville association, 3 to 15 percent slopes, very stony	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
76C1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
76C2	Chesuncook part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
76C3	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
76D	Chesuncook-Elliottsville-Telos association, 5 to 30 percent slopes, very stony	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
76D1	Chesuncook part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
76D2	Elliottsville part	0	56	43	0	Very Low	Low (L)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
						(VL)			
76D3	Telos part	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
77C	Telos-Chesuncook association, 3 to 15 percent slopes, very stony	0	74	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
77C1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
77C2	Chesuncook part	61	81	66	67	Medium (M)	Medium (M)	Medium (M)	Medium (M)
77D	Chesuncook-Telos association, 12 to 30 percent slopes, very stony	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
77D1	Chesuncook part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
77D2	Telos part	0	54	16	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
78B	Telos-Monarda association, 1 to 8 percent slopes, very stony	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
78B1	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
78B2	Monarda part	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
79B	Monarda-Burnham association, 1 to 8 percent slopes, very stony	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
79B1	Monarda part	0	0	50	0	Very Low	Very Low (VL)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
						(VL)			
79B2	Burnham part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
89C	Elliottsville-Monson complex, 5 to 15 percent slopes, very stony	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
89C1	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
89C2	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
89D	Elliottsville-Monson complex, 10 to 30 percent slopes, very stony	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
89D1	Elliottsville part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
89D2	Monson part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94C	Monson-Elliottsville-Ricker complex, 4 to 25 percent slopes, very stony	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94C1	Monson part	25	55	70	47	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
94C3	Ricker part	0	0	30	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E	Monson-Elliottsville-Ricker complex, 20 to 65 percent	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	slopes, very stony								
94E1	Monson part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E2	Elliottsville part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94E3	Ricker part	0	0	13	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XC	Lyman-Tunbridge complex, 4 to 25 percent slopes, very stony	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
94XC1	Lyman part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XC2	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
94XE	Lyman-Tunbridge complex, 20 to 60 percent slopes, very stony	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XE1	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
94XE2	Tunbridge part	0	39	26	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
100	Ricker-Rock outcrop complex	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1001	Ricker part	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
1002	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
180C	Chesuncook-Elliottsville-Telos association, 2 to 15 percent slopes, very stony	61	81	66	64	Medium (M)	Medium (M)	Medium (M)	Medium (M)
180C1	Chesuncook part	61	81	66	64	Medium (M)	Medium (M)	Medium (M)	Medium (M)
180C2	Elliottsville part	57	75	74	67	Low (L)	Medium (M)	Medium (M)	Medium (M)
180C3	Telos part	9	85	70	46	Very Low (VL)	High (H)	Medium (M)	Low (L)
301C	Skerry-Hermon association, 5 to 15 percent slopes	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
301C1	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
301C2	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
301D	Hermon-Skerry association, 12 to 30 percent slopes	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
301D1	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
301D2	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
302C	Hermon-Tunbridge-Skerry association, 5 to 15 percent slopes	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
302C1	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
302C2	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
302C3	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
302D	Hermon-Tunbridge-Skerry	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
	association, 12 to 30 percent slopes								
302D1	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
302D2	Tunbridge part	0	55	43	0	Very Low (VL)	Low (L)	Low (L)	Very Low (VL)
302D3	Skerry part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
312C(321C)	Colton-Hermon association, 5 to 15 percent slopes	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
312C1	Colton part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
312C2	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
312D	Colton-Hermon association, 15 to 30 percent slopes	0	72	49	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
312D1	Colton part	0	72	49	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
312D2	Hermon part	0	69	47	0	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
323B	Sheepscot-Croghan-Kinsman complex, 0 to 8 percent slopes	23	94	96	63	Very Low (VL)	High (H)	High (H)	Medium (M)
323B1	Sheepscot part	23	94	96	63	Very Low (VL)	High (H)	High (H)	Medium (M)
323B2	Croghan part	23	94	96	63	Very Low (VL)	High (H)	High (H)	Medium (M)
323B3	Kinsman part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
326B	Lamoine-Nicholville complex, 0 to 8 percent slopes	2	88	68	42	Very Low (VL)	High (H)	Medium (M)	Low (L)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
326B1	Lamoine part	7	88	58	41	Very Low (VL)	High (H)	Low (L)	Low (L)
326B2	Nicholville part	78	94	81	82	Medium (M)	High (H)	Medium (M)	Medium (M)
327B	Nicholville-Croghan complex, 0 to 5 percent slopes	83	94	70	81	High (H)	High (H)	Medium (M)	Medium (M)
327B1	Nicholville part	83	94	70	81	High (H)	High (H)	Medium (M)	Medium (M)
327B2	Croghan part	28	94	85	61	Very Low (VL)	High (H)	High (H)	Medium (M)
328A(KW)	Kinsman-Wonsqueak association, 0 to 3 percent slopes	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
328A1	Kinsman part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
328A2	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
330B	Lamoine-Scantic-Tunbridge complex, 0 to 8 percent slopes, very stony	0	85	66	0	Very Low (VL)	High (H)	Medium (M)	Very Low (VL)
330B1	Lamoine part	5	85	55	38	Very Low (VL)	High (H)	Low (L)	Very Low (VL)
330B2	Scantic part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
330B3	Tunbridge part	80	87	96	87	Medium (M)	High (H)	High (H)	High (H)
331B	Lamoine-Scantic-Colonel complex, 0 to 8 percent slopes, very stony	0	85	66	0	Very Low (VL)	High (H)	Medium (M)	Very Low (VL)
331B1	Lamoine part	5	85	55	38	Very Low (VL)	High (H)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
331B2	Scantic part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
331B3	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
332B	Lamoine-Buxton-Scantic complex, 0 to 15 percent slopes	2	88	68	42	Very Low (VL)	High (H)	Medium (M)	Low (L)
332B1	Lamoine part	7	88	58	41	Very Low (VL)	High (H)	Low (L)	Low (L)
332B2	Buxton part	53	83	59	61	Low (L)	High (H)	Low (L)	Medium (M)
332B3	Scantic part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
333A(SB)	Scantic-Biddeford association, 0 to 3 percent slopes	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
333A1	Scantic part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
333A2	Biddeford part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
353C	Hermon-Monadnock-Skerry complex, 3 to 15 percent slopes, very bouldery	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
353C1	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
353C2	Monadnock part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
353C3	Skerry part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
353VE	Hermon-Monadnock complex, 15 to 45 percent slopes, extremely bouldery	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
353VE1	Hermon part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
353VE2	Monadnock part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
363C	Lyman-Tunbridge-Abram complex, 3 to 15 percent slopes, very stony	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
363C1	Lyman part	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
363C2	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
363C3	Abram part	0	0	59	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
364B	Naskeag-Tunbridge-Lyman complex, 0 to 8 percent slopes, very stony	0	0	46	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
364B1	Naskeag part	0	0	35	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
364B2	Tunbridge part	80	87	96	87	Medium (M)	High (H)	High (H)	High (H)
364B3	Lyman part	49	66	92	67	Low (L)	Medium (M)	High (H)	Medium (M)
371B	Dixfield-Colonel complex, 0 to 8 percent slopes, very stony	84	92	88	87	High (H)	High (H)	High (H)	High (H)
371B1	Dixfield part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
371B2	Colonel part	23	85	59	52	Very Low (VL)	High (H)	Low (L)	Low (L)
373B	Brayton-Colonel association, 0 to 8 percent slopes, very stony	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
373B1	Brayton part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
373B2	Colonel part	18	85	69	49	Very Low (VL)	High (H)	Medium (M)	Low (L)
375B	Brayton-Colonel association, 0 to 8 percent slopes, extremely stony	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
375B1	Brayton part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
375B2	Colonel part	18	85	69	49	Very Low (VL)	High (H)	Medium (M)	Low (L)
380C	Masardis-Sheepscot complex, 0 to 15 percent slopes	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
380C1	Masardis part	31	92	80	60	Very Low (VL)	High (H)	Medium (M)	Medium (M)
380C2	Sheepscot part	23	94	96	63	Very Low (VL)	High (H)	High (H)	Medium (M)
388C	Skerry-Colonel-Tunbridge complex, 0 to 15 percent slopes, very stony	84	92	88	87	High (H)	High (H)	High (H)	High (H)
388C1	Skerry part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
388C2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
388C3	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
413C(CSC)	Colton-Adams-Sheepscot association, 0 to 15 percent slopes	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
413C1	Colton part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)
413C2	Adams part	47	100	100	76	Low (L)	Very High (VH)	Very High (VH)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
413C3	Sheepscot part	23	94	96	63	Very Low (VL)	High (H)	High (H)	Medium (M)
432B(LCB)	Lamoine-Scantic-Buxton association, 0 to 15 percent slopes	2	88	68	42	Very Low (VL)	High (H)	Medium (M)	Low (L)
432B1	Lamoine part	2	88	68	42	Very Low (VL)	High (H)	Medium (M)	Low (L)
432B2	Scantic part	0	0	41	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
432B3	Buxton part	53	83	59	61	Low (L)	High (H)	Low (L)	Medium (M)
439C(MDC)	Marlow-Dixfield association, 8 to 15 percent slopes, very stony	25	89	78	56	Very Low (VL)	High (H)	Medium (M)	Low (L)
439C1	Marlow part	25	89	78	56	Very Low (VL)	High (H)	Medium (M)	Low (L)
439C2	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
439E(MDE)	Marlow-Dixfield association, 15 to 45 percent slopes, very stony	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
439E1	Marlow part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
439E2	Dixfield part	0	61	35	0	Very Low (VL)	Medium (M)	Very Low (VL)	Very Low (VL)
439VC(MGC)	Marlow-Dixfield association, 3 to 15 percent slopes, extremely bouldery	25	89	78	56	Very Low (VL)	High (H)	Medium (M)	Low (L)
439VC1	Marlow part	25	89	78	56	Very Low (VL)	High (H)	Medium (M)	Low (L)
439VC2	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
439VE(MGE)	Marlow-Dixfield association, 8 to 45 percent slopes, extremely bouldery	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
439VE1	Marlow part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
439VE2	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
451B(DWB)	Dixfield-Colonel-Tunbridge complex, 3 to 8 percent slopes, very stony	84	92	88	87	High (H)	High (H)	High (H)	High (H)
451B1	Dixfield part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
451B2	Colonel part	18	85	70	50	Very Low (VL)	High (H)	Medium (M)	Low (L)
451B3	Tunbridge part	80	87	96	87	Medium (M)	High (H)	High (H)	High (H)
475B(BTB)	Brayton-Colonel association, 0 to 8 percent slopes, rubbly	0	0	31	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
475B1	Brayton part	0	0	31	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
475B2	Colonel part	4	65	51	33	Very Low (VL)	Medium (M)	Low (L)	Very Low (VL)
491B(SEB)	Scantic-Lamoine-Dixfield complex, 0 to 8 percent slopes, very stony	0	0	50	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
491B1	Scantic part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
491B2	Lamoine part	0	85	66	0	Very Low (VL)	High (H)	Medium (M)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
491B3	Dixfield part	84	92	88	87	High (H)	High (H)	High (H)	High (H)
530C(HVC)	Hermon-Monadnock-Dixfield complex, 3 to 15 percent slopes, very stony	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
530C1	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
530C2	Monadnock part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
530C3	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
530E(HVE)	Hermon-Monadnock-Dixfield complex, 8 to 45 percent slopes, very stony	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
530E1	Hermon part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
530E2	Monadnock part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
530E3	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
531C(MXC)	Monadnock-Hermon-Dixfield complex, 3 to 15 percent slopes, extremely bouldery	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
531C1	Monadnock part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
531C2	Hermon part	85	89	78	83	High (H)	High (H)	Medium (M)	High (H)
531C3	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
531E(MXE)	Monadnock-Hermon-Dixfield complex, 8 to 45 percent slopes, extremely bouldery	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
531E1	Monadnock part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
531E2	Hermon part	0	53	30	0	Very Low (VL)	Low (L)	Very Low (VL)	Very Low (VL)
531E3	Dixfield part	69	81	66	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
630C(LWC)	Lyman-Tunbridge-Schoodic complex, 0 to 15 percent slopes, very stony	49	66	92	67	Low (L)	Medium (M)	High (H)	Medium (M)
630C1	Lyman part	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
630C2	Tunbridge part	65	75	74	70	Medium (M)	Medium (M)	Medium (M)	Medium (M)
630C3	Schoodic part	0	0	81	0	Very Low (VL)	Very Low (VL)	Medium (M)	Very Low (VL)
630E(LTE)	Lyman-Schoodic-Rock outcrop complex, 15 to 45 percent slopes, very stony	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
630E1	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
630E2	Schoodic part	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
630E3	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
631C(LHC)	Lyman-Brayton-Schoodic complex, 0 to 15 percent slopes, very stony	49	66	92	68	Low (L)	Medium (M)	High (H)	Medium (M)
631C1	Lyman part	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
631C2	Brayton part	0	0	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
631C3	Schoodic part	0	0	59	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
634B(NBB)	Naskeag-Schoodic-Lyman complex, 0 to 8 percent slopes, very stony	0	0	46	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
634B1	Naskeag part	0	0	46	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
634B2	Schoodic part	0	0	81	0	Very Low (VL)	Very Low (VL)	Medium (M)	Very Low (VL)
634B3	Lyman part	50	66	92	68	Low (L)	Medium (M)	High (H)	Medium (M)
900C(SKC)	Schoodic-Rock outcrop-Naskeag complex, 0 to 15 percent slopes,	0	0	81	0	Very Low (VL)	Very Low (VL)	Medium (M)	Very Low (VL)
900C1	Schoodic part	0	0	81	0	Very Low (VL)	Very Low (VL)	Medium (M)	Very Low (VL)
900C2	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
900C3	Naskeag part	0	0	46	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
900E(SGE)	Schoodic-Rock outcrop-Lyman complex, 15 to 65 percent slopes	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
900E1	Schoodic part	0	0	11	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
900E2	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
900E3	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942C	Lyman-Abram complex, 4 to 25 percent slopes, very stony	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
942C1	Lyman part	34	55	70	51	Very Low (VL)	Low (L)	Medium (M)	Low (L)
942C2	Abram part	0	0	29	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E	Lyman-Abram complex, 20 to 60 percent slopes, very stony	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E1	Lyman part	0	19	22	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
942E2	Abram part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
990(WT)	Wonsqueak, Bucksport and Sebago soils	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
9901	Wonsqueak part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
9902	Bucksport part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
9903	Sebago part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
4102E	Hogback-Ricker-Rock outcrop complex, 8 to 35 percent slopes, very stony	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)
4102E1	Hogback part	0	35	39	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

Map Unit Number	Map Unit Description	Septics	Dwellings	Roads	Development	Septics	Dwellings	Roads	Development
4102E2	Ricker part	0	0	59	0	Very Low (VL)	Very Low (VL)	Low (L)	Very Low (VL)
4102E3	Rock outcrop part	0	0	0	0	Very Low (VL)	Very Low (VL)	Very Low (VL)	Very Low (VL)

( ) Indicates a map unit number or symbol that has been combined with another map unit.

## **INTRODUCTION TO ADDITIONAL TABLES AND WORKSHEETS**

Table 7 is taken from the Maine State Plumbing Code of October 1, 2002. It is table 600.1 in the Plumbing Code and provides the soil profile number which is based on soil parent material and soil condition. This soil profile number is used in the worksheets to calculate the soil potential rating. The worksheets are at the end of this report.

Table 8 lists most of the soil series recognized in Maine and provides the soil profile number for each soil series. The soil profile numbers in the second column from the left were determined from the information in Table 7.

The work sheets at the end of this report are the tools that are used to calculate the numerical soil potential ratings. The map unit descriptions the Natural Resources Conservation Service uses for mapping in the Unorganized Area of Maine have ranges for soil characteristics such as slope, depth to bedrock and depth to seasonal high water table or a restrictive layer. To calculate the soil potential rating for a map unit or an individual component of a map unit, the values of the map unit or the individual component are used. For depth to bedrock, seasonal high water table or a restrictive layer, the minimum depth to each is used with a work sheet to determine if index points need to be subtracted. For slope, the midpoint of the slope range for the map unit or the component is used with the work sheets. The soil potential ratings have been calculated and are included in this report. If the soil information comes from a high intensity soil survey or an on-site investigation, map units with different slope ranges or map units consisting of a single soil series that are not listed in this document may be reported. The ratings for these map units may be found in reports of Soil Potential Ratings for the organized part of each county. These are available at the Soil and Water Conservation District offices listed at the beginning of this report. If a map unit or soil series rating still can not be found, the calculations can be done using these worksheets. Assistance in completing these calculations may be obtained by contacting the Soil and Water Conservation District offices.

Table 7 - Soil Profile and Soil Condition Design Class

DISPOSAL FIELDS

TABLE 600.1 SOIL PROFILE SOIL CONDITION DESIGN CLASS			DESIGN CLASS to be used with Table 700.2 "Minimum Permitting Conditions and Design Requirements"							Disposal Area Sizing Multiply the hydraulic loading rate (square feet per gallon per day) times the design flow (gallons per day). This gives the minimum square feet of bottom and side wall area below the invert needed for a standard stone filled disposal field. Proprietary devices may be used in lieu of stone filled fields. See Appendix P.
SOIL CONDITION			Bedrock class			Soil drainage class				
			AI	AII	AIII	B	C	D	E	
Parent Material	Soil Profile	Textural Classification and description	Inches from ground surface to the mineral soil to bedrock			Inches from the surface of the mineral soil to seasonal high ground water table or hydraulically restrictive horizon when mottling is not present				
			0-12	12-15	15-48	> 48	48-15	<15-7	<7-0	
Basal Glacial Till	1	Silt loam textured soils throughout the entire profile. The lower horizons usually have prismatic or platy structures. This profile tends to become firm dense and impervious with depth thus this profile may have a hydraulically restrictive horizon. Angular rock fragments are usually present. Occasionally cobbles and stones may be present	5	4	1	1	1	3	5	4.10 sqft/gpd Large
Ablation Till	2	Loam to sandy loam textured soils throughout the entire profile. This profile does not have a hydraulically restrictive horizon. Angular rock fragments are present. Occasionally cobbles and stones may be present	5	4	1	1	1	3	5	3.30 sqft/gpd Medium Large
Basal Glacial Till	3	Loam to loamy sand textured soils throughout the entire profile. The lower soil horizons usually have well defined prismatic or platy structures that are very compact and are difficult to excavate. These lower horizons are considered hydraulically restrictive. Angular rock fragments are present. Occasionally cobbles and stones are present	5	4	1	1	1	3	5	3.30 sqft/gpd Medium Large
Ablation Till	4	Sandy loam to loamy sand textured upper horizon(s) overlying loamy sand textured lower horizon. This profile tends to be loose and easy to excavate. Lower horizons tend not to be firm and are not considered hydraulically restrictive. Angular rock fragments are present along with partially water-worn cobbles and stones	5	4	1	1	1	3	5	2.60 ft <sup>2</sup> /gpd Medium
Stratified Glacial Drift	5	Loam to loamy sand textured upper horizons overlying fine and medium sand parent materials. Stratified horizons of water-sorted materials may be present. Lower horizons tend to be granular or massive. Entire profile tends to be loose except that saturated horizons may be cemented and therefore firm and are considered hydraulically restrictive. Horizons with rounded rock fragments are common	5	4	2	2	2	3	5	2.60 ft <sup>2</sup> /gpd Medium
Stratified Glacial Drift	6	Loamy sand to sand textured upper horizons overlying stratified coarse sands or gravel parent materials. Stratified horizons of water-sorted materials may be present. Entire profile tends to be loose except that saturated horizons may be cemented and therefore firm and are considered hydraulically restrictive. Horizons with rounded rock fragments are common.	5	4	2	2	2	3	5	2.00 ft <sup>2</sup> /gpd Small
Mixed geological origins	7	Fifteen (15) or more inches of sandy loam to loamy sand glacial till or loamy sand to sand stratified drift parent material overlying marine or lacustrine deposited silt to silty clay or fifteen (15) or more inches of loamy sand to sand stratified drift parent material overlying firm basal till. The upper horizons tend to be granular in structure. The lower horizons tend to be firm and massive in structure and are considered to be hydraulically restrictive. Rock fragments may be present in upper horizons but are usually absent in lower horizons, except for basal till.	5	4	1	1	1	3	5	3.30 ft <sup>2</sup> /gpd Medium Large
Lacustrine deposits	8	Loam to fine sandy loam upper horizon(s) overlying firm silt loam to silt textured lower horizons. The upper horizons tend to be granular in structure. The lower horizons tend to be firm and massive in structure and are considered to be hydraulically restrictive. Stratified lenses of fine sand and sandy loam may be present in the lower horizons. Coarse rocks are usually absent throughout entire profile.	5	4	1	1	1	3	5	4.10 ft <sup>2</sup> /gpd Large
Marine deposits	9	Silt loam textured upper horizons overlying firm silt loam to silty clay textured lower horizons. The lower horizons tend to be very firm and are considered to be hydraulically restrictive. Coarse rock are usually absent throughout entire profile. Thin lenses of very fine sand to silt may be present in the lower horizons.	5	4	1	1	1	3	5	5.00 ft <sup>2</sup> /gpd Extra Large
Organic deposits	10	Partially decomposed organic material at least 16" in thickness.	5							
Alluvial dune beach deposits	11	These soils have no typical profile. Variable in texture and exhibit very little weathering. They are deposited in flood plains sand dunes or beach environments.	Use the Soil Profile Bedrock Class Soil drainage Class and minimum hydraulic loading rate that best describes the observed profile.							
Filled Silt (S/J95)	12	These soils have no typical profile. Variable in texture. May contain man-made materials.	Use the Soil Profile Bedrock Class Soil drainage Class and minimum hydraulic loading rate that best describes the observed profile. For first time and non-exempt expansion systems see Section 605 J.							

**Table 8 – Maine Soils Series Designation**

MAINE SOIL SERIES DESIGNATION BY MAINE STATE PLUMBING CODE CRITERIA

Rev. 04/17/97

SOILS SERIES	SOIL PROFILE	SOIL CONDITION	LIMITING FACTOR	SUITABILITY FOR NEW SYSTEMS		
				PERMITTED	MAY BE PERMITTED	NOT PERMITTED
ABRAM	2	A/B	BEDROCK			X
ADAMS	6	B		X		
AGWAM	5	B		X		
ALLAGASH	5	B		X		
ATHERTON	1	E	WETNESS			X
AU GRES	5	D/E	WETNESS		X	
AURELIE	1	E/D	WETNESS			X
BANGOR	1	B		X		
BECKET	3	B	RESTRICTIVE LAYER	X		
BELGRADE	8	C	WETNESS	X		
BEMIS	3	E/D	WETNESS			X
BENSON	1	A1,AII OR AIII/B	BEDROCK		X	
BERKSHIRE	2	B		X		
BESEMAN	10	E	ORGANIC, WETNESS			X
BIDDEFORD	9	E	WETNESS			X
BOOTHBAY	9	C/D	WETNESS		X	
BOROHEMISTS	10	E	ORGANIC, WETNESS			X
BOROSAPRISTS	10	E	ORGANIC, WETNESS			X
BRAYTON	3	E/D	WETNESS		X	
BRAYTON VARIANT	3	AIII/E OR D OR C	BEDROCK, WETNESS		X	
BUCKSPORT	10	E	ORGANIC, WETNESS			X
BURNHAM	1	E	WETNESS			X
BUXTON	9	C/D	WETNESS		X	
CABOT	1	E/D/C	WETNESS			X
CANAAN	2	A1,AII OR AIII/B	BEDROCK		X	
CANANDAIGUA	8	E/D	WETNESS			X
CARIBOU	1	B		X		
CATHRO	10	E	ORGANIC,WETNESS			X
CHARLES	11	E/D	FLOODING, WETNESS			X
CHARLTON	2	B		X		
CHESUNCOOK	1	C	WETNESS	X		
CHESUNCOOK VARIANT	1	B		X		
CHOCORUA	10	E	ORGANIC, WETNESS			X
COLONEL	3	D/E	WETNESS		X	
COLTON	6	B		X		
CONANT	1	C/D	WETNESS		X	
CORNISH	11	D/C	FLOODING, WETNESS			X
CREASEY	1	A1,AII OR AIII/B	BEDROCK		X	
CROGHAN	6	C	WETNESS	X		
DAIGLE	1	D/E	WETNESS		X	
DANFORTH	4	B		X		
DEERFIELD	6	C/D	WETNESS		X	
DIXFIELD	3	C	WETNESS	X		
DIXMONT	1	C/D	WETNESS		X	
DUANE	6	C	WETNESS	X		
DUXBURY	5	B		X		
EASTON	1	E/D	WETNESS			X
ELDRIDGE	7	C/D	WETNESS		X	
ELLIOTTSVILLE	1	AIII/B	BEDROCK	X		
ELMWOOD	8	C	WETNESS	X		
ENCHANTED	2	AIII/B	BEDROCK	X		
FINCH	5	D	WETNESS		X	
FREDON	5	E	WETNESS			X

MAINE SOIL SERIES DESIGNATION BY MAINE STATE PLUMBING CODE CRITERIA

Rev. 04/17/97

SOILS SERIES	SOIL PROFILE	SOIL CONDITION	LIMITING FACTOR	SUITABILITY FOR NEW SYSTEMS		
				PERMITTED	MAY BE PERMITTED	NOT PERMITTED
FRYEBOURG	11	B	FLOODING (RARE TO COMMON)		X	
GREENWOOD	10	E	ORGANIC, WETNESS			X
GOULDSBORO	11	E	FLOODING			X
HADLEY	11	B	FLOODING			X
HALSEY	5	E	WETNESS			X
HARTLAND	8	B		X		
HERMON	4	B		X		
HINCKLEY	6	B		X		
HOLLIS	2	A1,AII OR AIII/B	BEDROCK		X	
HOWLAND	1	C/D	WETNESS		X	
IPSWICH	10	E	FLOODING, ORGANIC			X
KINSMAN	6	E/D	WETNESS			X
LAMOINE	9	D	WETNESS		X	
LEICESTER	2	E/D	WETNESS			X
LILLE	11	B	FLOODING (RARE TO COMMON)		X	
LIMERICK	11	E/D	FLOODING, WETNESS			X
LINNEUS	1	AIII/B	BEDROCK	X		
LOVEWELL	11	C	FLOODING (RARE TO COMMON)		X	
LOXLEY	10	E	ORGANIC, WETNESS			X
LYMAN	2	A1,AII OR AIII/B	BEDROCK		X	
LYME	2	E/D	WETNESS			X
MACHIAS	5	C	WETNESS	X		
MADAWASKA	5	C	WETNESS	X		
MAHOOSUC	10	B	ORGANIC			X
MAPLETON	1	A1,AII OR AIII/B	BEDROCK		X	
MARKEY	10	E	ORGANIC, WETNESS			X
MARLOW	5	B	RESTRICTIVE LAYER	X		
MASARDIS	6	B		X		
MARSARDIS VARIANT	6	AIII/B	BEDROCK	X		
MEDOMAK	11	E	FLOODING, WETNESS			X
MELROSE	8	B	RESTRICTIVE LAYER	X		
MERRIMAC	5	B		X		
MONADNOCK	4	B		X		
MONARDA	1	E/D	WETNESS			X
MONSON	1	A1,AII OR AIII/B	BEDROCK		X	
MOOSILAUKE	5	E/D	WETNESS		X	
NASKEAG	4	AIII/E OR D OR C	BEDROCK, WETNESS		X	
NAUMBURG	5	D/E	WETNESS		X	
NICHOLVILLE	8	C	WETNESS	X		
NINIGRET	5	C	WETNESS	X		
ONDAWA	11	B	FLOODING (RARE TO COMMON)		X	
OSSIPEE	10	E	ORGANIC, WETNESS			X
PAWCATUCK	10	E	ORGANIC, WETNESS			X
PAXTON	3	B	RESTRICTIVE LAYER	X		
PEACHAM	3	E	WETNESS			X
PENQUIS	1	AIII/B	BEDROCK	X		
PERHAM	1	C	WETNESS	X		
PERU	3	C/D	WETNESS		X	
PLAISTED	1	B	RESTRICTIVE LAYER	X		
PODUNK	11	C	FLOODING, WETNESS			X
RAYNHAM	8	E/D	WETNESS		X	
RED HOOK	8	D/C	WETNESS		X	
RICKER	10	A1/B	BEDROCK			X
RIDGEBURY	3	E/D	WETNESS		X	
RIFLE	10	E	ORGANIC, WETNESS			X
ROUNABOUT	8	E/D	WETNESS		X	
RUMNEY	11	E/D	FLOODING, WETNESS			X

MAINE SOIL SERIES DESIGNATION BY MAINE STATE PLUMBING CODE CRITERIA

Rev. 04/17/97

SOILS SERIES	SOIL PROFILE	SOIL CONDITION	LIMITING FACTOR	SUITABILITY FOR NEW SYSTEMS		
				PERMITTED	MAY BE PERMITTED	NOT PERMITTED
SACO	11	E	FLOODING, WETNESS			X
SADDELEBACK	1	A1,AII OR AIII/B	BEDROCK		X	
SALMON	8	B		X		
SAUGATUCK	5	D/E	WETNESS		X	
SCANTIC	9	E/D	WETNESS			X
SCARBORO	5	E/D	WETNESS		X	
SCHOODIC	2	A1	BEDROCK			X
SCIO	8	C	WETNESS	X		
SEARSPORT	5	E/D	WETNESS			X
SEBAGO	10	E	ORGANIC, WETNESS			X
SHEEPSCOT	6	C	WETNESS	X		
SHIRLEY	4	D/C	WETNESS		X	
SISK	1	B		X		
SKERRY	3	C/D	WETNESS		X	
SKOWHEGAN	5	C/D	WETNESS		X	
STETSON	5	B		X		
SUFFIELD	9	B		X		
SULFAQUENTS	11	E	FLOODING, WETNESS			X
SULFIHEMISTS	10	E	ORGANIC, FLOODING			X
SUNAPEE	2	C	WETNESS	X		
SUNCOOK	11	B	FLOODING			X
SUNDAY	11	B	FLOODING			X
SURPLUS	3	C/D	WETNESS		X	
SUTTON	3	C/D	WETNESS		X	
SWANTON	8	E/D	WETNESS		X	
SWANVILLE	9	E/D	WETNESS			X
TELOS	1	D/E	WETNESS		X	
THORNDIKE	1	A1,AII OR AIII/B	BEDROCK		X	
TOGUS	10	E	ORGANIC, WETNESS			X
TUNBRIDGE	2	AIII/B	BEDROCK	X		
UPTON	10	E	ORGANIC, FLOODING			X
VASSALBORO	10	E	ORGANIC, WETNESS			X
WALPOLE	5	E/D	WETNESS		X	
WASHBURN	1	E	WETNESS			X
WASKISH	10	E	ORGANIC, WETNESS			X
WAUMBEC	4	C	WETNESS	X		
WESTBURY	3	D/E	WETNESS		X	
WHATELY	8	E	WETNESS			X
WHITMAN	3	E	WETNESS			X
WINDSOR	6	B		X		
WINNECOOK	1	AIII/B	BEDROCK	X		
WINOOSKI	11	C	FLOODING, WETNESS			X
WONSQUEAK	10	E	ORGANIC, WETNESS			X
WOODBIDGE	3	C/D	WETNESS		X	

Additional Soils:						
Hogback Soil Profile 2						
Pillsbury Soil Profile 3						
Rawsonville Soil Profile 2						

# WORKSHEETS FOR PREPARING CORRECTIVE MEASURES

## WORKSHEET FOR PREPARING CORRECTIVE MEASURES

Soil Use: Septic Tank Absorption Fields

Soil Evaluation Factor: Soil Profile and Condition (profile no.) Area: Unorganized area, Maine

Site Condition		Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
				Kind	Index
6 *	Small Field	-8	-4.5	Groundwater	60.0
5 *	Medium field	-	-	Groundwater	60.0
4	Medium field	-	-	None	-
2, 3, 7	Medium large field	14	7.3	None	-
1, 8	Large field	29	15.7	None	.
9	Extra large field	46	25.1	None	-
10	Systems not permitted	-	-	Organic soil, excess water	100.
11	Not permitted in 10 year floodplain	29	15.7	Groundwater	60.0

\* Possibility of Groundwater Contamination may be reduced to an index of near 0 by peat filter, ruck system, loam liners, etc...

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Septic Tank Absorption Fields

Soil Evaluation Factor: Depth to High Water Table or Area: Unorganized area, Maine

Restrictive Soil Layer (feet) Profiles 1-4; 7-9

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>4.0	None	None	-	-	None	-
2.0 - 4.0	System Performance	Fill	4	1.9	None	-
1.0 - 2.0	System Performance	Fill	15	8.3	None	-
0.5 - <1.0	System Performance	New system variance or replacement systems	Variable	-	Excess water, permeability	75
<0.5	System Performance	New systems not permitted, replacement systems only	-	-	Excess water, permeability	100

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Septic Tank Absorption Fields

Soil Evaluation Factor: Depth to High Water Table or

Area: Unorganized area, Maine

Restrictive Soil Layer (feet) Profiles 5, 6 & 11

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>4.0	None	None	-	-	None	-
2.0 – 4.0	System Performance	Fill	23	12.3	None	-
1.0 – 2.0	System Performance	Fill	43	23.5	None	-
0.5 -< 1.0	System Performance	New system variance or replacement systems	Variable	-	Excess water, permeability	75
< 0.5	System Performance	New systems not permitted, replacement systems only	-	-	Excess water, permeability	100

WORKSHEET FOR PREPARING CORRECTIVE MEASURES

Soil Use: Septic Tank Absorption Fields

Soil Evaluation Factor: Slope (percent)

Area: Unorganized area, Maine

Typical

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
0 – 3	Low Gradient	Less fill	-9	-4.8	None	-
3 – 8	None	None	-	-	None	-
8 – 15	Installation Difficulties	Site preparation and fill	28	15.0	Erosion control	0.4
15 – 20	Installation Difficulties	Site preparation and fill, erosion control	161	87.5	Erosion control	0.8
>20	Severe Installation Difficulties	Replacement systems only	-	-	Slope	100

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Septic Tank Absorption Fields

Soil Evaluation Factor: Depth to Bedrock (inches)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>48	None	None	-	-	None	-
24 - 48	System performance	Site selection, site preparation and fill	23	12.3	None	-
15* -24	System performance	Site selection. site preparation and fill, special design	44	23.5	Groundwater quality	20
<15 *	System performance difficulties	Replacement systems only	-	-	Groundwater quality	100

\* <12 inches outside the shore land zone

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Septic Tank Absorption Fields

Soil Evaluation Factor: Surface stones and boulders

Area: Unorganized area, Maine.

(aerial cover in percent)

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
<b>0 - 0.1</b>	<b>None</b>	<b>None</b>	<b>--4</b>	<b>-2.2</b>	None	-
0.1 - 15	Installation difficulties	Stone removal	-	-	None	-
>15 *	Installation difficulties	Stone removal and disposal site preparation & fill	3	1.5	None	-

\* Sites that are dominated by boulders may require blasting and should be penalized an additional 12 points.

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Septic Tank Absorption Fields

Soil Evaluation Factor: Flooding (frequency)

Area: Unorganized Area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
None or Rare	None	None	-	-	None	-
Occasional	System Performance	Replacement system only	-	-	Surface water contamination/system failure	100
Frequent	System Performance	Not permitted	-	-	Surface water contamination/system failure	100

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Dwellings with Basements

Soil Evaluation Factor: Depth to High Water (feet)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures Initial Cost(% of Base Cost)	Index	Typical Continuing Limitations	
					Kind	Index
>6	None	None			None	
1.5 - 6	Wet basements	Footing and underslab drains, sump pump, waterproofing	73	8.1	Maintain outlets, waterproofing	0.2
0.5 - 1.5	Wet basements	Footing and underslab drains, sump pump, waterproofing, larger footings	134	14.9	Maintain outlets, waterproofing	0.3
<0.5	Wet basements, Wetland degradation	None			Excess water	100

WORKSHEET FOR PREPARING CORRECTIVE MEASURES

Soil Use: Dwellings with Basements

Soil Evaluation Factor: Slope (percent)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
0 - 8	None	None			None	
8 - 15	Installation difficulties	Site preparation fill, grading and erosion control, stepped footings	100	11.1	None	
15 - 25	Installation difficulties	Site preparation fill, grading and erosion control, stepped footings and foundations	278	31.0	None	
25 - 45	Installation difficulties	Site preparation fill, grading and erosion control, stepped footings and foundations	427	47.5	None	
>45		Not Recommended			Slope	100

WORKSHEET FOR PREPARING CORRECTIVE MEASURES

Soil Use: Dwellings with Basements

Soil Evaluation Factor: Depth to Bedrock (inches)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>60	None	None			None	
20 - 60	Installation difficulties	Site selection, blasting or site preparation and fill	122	13.5	None	
10 - 20	Installation difficulties	Site selection, blasting or site preparation and fill	305	33.9	None	
0 - 10	Severe installation difficulties	Not recommended, extensive blasting and site preparation required			Bedrock	100

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Dwellings with Basements

Soil Evaluation Factor: Surface stones (aerial cover percent)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures ..% of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
0 - 0.1	None	None	24	-2.7	None	
0.1 - 15	Installation difficulties	Stone removal			None	
>15 *	Installation difficulties	Stone removal and disposal site preparation and fill	67	7.5	None	

\* Sites that are dominated by boulders may require blasting and should be penalized an additional 12 points.

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use; Dwellings with Basements

Soil Evaluation Factor: Flooding (frequency)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
None or Rare	None	None	-	-	None	-
Occasional or Frequent	Flood Damage	None	-	-	Flooding	100

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Local Roads and Streets

Soil Evaluation Factor: Depth to High Water Table (feet)

Area: Unorganized area, Maine

Profiles 1, 2 & 3

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>3	Moderate Frost Action	None			None	
1.5 - 3.0	High Frost Action	Ditching, culverts, riprap & fill	25	11.2	Maintenance	0.8
0.5 - 1.5	High Frost Action	Ditching, culverts, riprap & fill, filter fabric	67	29.5	Maintenance	1.0
<0.5	High Frost Action	Ditching, culverts, riprap and fill, filter fabric	112	49.2	Maintenance	1.2

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Local Roads & Streets

Soil Evaluation Factor: Depth to High Water Table (feet) Area: Unorganized area, Maine Profiles 4, 5, & 6

Site Condition	Effects on Use	Kind	Typical Corrective Measures  % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>3.	None				None	
- 3.0	Low- Mod Frost Action	Ditching, culverts, riprap & fill	14	6.2	Maintenance	0.8
0.5 - 1.5	Moderate Frost Action	Ditching, culverts, riprap & fill, filter fabric	67	29.5	Maintenance	1.0
<0.5	Mod - High Frost Action	Ditching, culverts, riprap & fill, filter fabric	112	49.2	Maintenance	1.2

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Local Roads & Streets

Soil Evaluation Factor: Depth to High Water Table (feet) Area: Unorganized area, Maine Profiles 7, 8, 9, 10 & 11

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>3	High Frost Action	Ditching, fill	33	14.7	None	-
1.5 - 3.0	High Frost Action	Ditching, culverts, riprap & fill	47	20.8	Maintenance	0.8
0.5 - 1.5	High Frost Action	Ditching, culverts, riprap & fill, filter fabric	75	33.2	Maintenance	1.0
<0.5	High Frost Action	Ditching, culverts, riprap and fill, filter fabric	112	49.2	Maintenance	1.2
Organic Soils (profile 10)	Wetland Degradation	None			Excess water	100

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Local Roads and Streets

Soil Evaluation Factor: Slope (percent)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
0-3	Low Gradient	Drainage of swales	23	10.0	Maintenance	0.8
3-8	None	None	-	-	None	-
8-15	Equipment Limitations	Cut and fill, erosion control	47	20.8	Maintenance	1.4
15-25	Equipment Limitation	Cut and fill, erosion control, road realignment, riprap	114	50.1	Maintenance	3.1
25-45	Major Equipment Limitations	Cut and fill, erosion control, road realignment, guardrails	152	67.0	Maintenance	3.1
>45		Not recommended				100

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Local Roads and Streets

Soil Evaluation Factor: Depth to Bedrock (inches)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
>40	None	None			None	
20 - 40	Installation Difficulties	Blasting, Site preparation, Fill and grading	9	3.9	None	
10 - 20	Severe installation difficulties	Blasting or extensive site preparation and fill	18	7.7	None	
0 - 10	Severe installation difficulties	Blasting or extensive site preparation and fill	44	19.3	None	

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Local Roads and Streets

Soil Evaluation Factor: Surface stones  
(aerial cover percent)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
0 - 0.1	None	None	-6	-2.6	None	
0.1 - 15	Construction difficulties	Stone removal			None	
>15*	Construction <i>difficulties</i>	Stone removal and burial	15	6.7	None	

\*Sites that are dominated by boulders may require blasting and should be penalized an additional 12 points.

**WORKSHEET FOR PREPARING CORRECTIVE MEASURES**

Soil Use: Local Roads and Streets .

Soil Evaluation Factor: Flooding (frequency)

Area: Unorganized area, Maine

Site Condition	Effects on Use	Kind	Typical Corrective Measures % of initial base cost	Index	Typical Continuing Limitations	
					Kind	Index
None or Rare	None	None			None	
Occasional	Road Damage	Culverts, riprap, rockfill	105	46.3	Flooding, road damage	7.2
Frequent	Not Recommended			-	Flooding, road damage	100