

## Building Site Development

### General

Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, performance after construction, and maintenance. Soil limitation ratings of slight, moderate, and severe are given for shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns, landscaping, and golf fairways.

### Shallow Excavations

Shallow excavations are trenches or holes dug in the soil to a maximum depth of 5 or 6 feet. They are used for pipelines, sewerlines, telephone and power transmission lines, basements, open ditches, and cemeteries. The excavations are most commonly made by trenching machines or backhoes. The ratings are based on the soil properties that influence ease of digging and resistance to sloughing.

### Dwellings With or Without Basements

These are single-family houses of three stories or less. The foundation is assumed to be spread footings of reinforced concrete built on undisturbed soil at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper, for houses without basements, or at a depth of 7 feet if a basement is constructed. The ratings are based on properties affecting soil strength and settlement under a load, and those that affect excavation and construction costs.

### Small Commercial Buildings

Limitation ratings are given for undisturbed soil on which small commercial buildings of less than three stories without basements are built. The foundation is assumed to be spread footings of reinforced concrete at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper.

### Local Roads and Streets

Limitation ratings are given for the use of soils for construction of improved local roads and streets that have all-weather surfacing, commonly of asphalt, gravel with binder in it, or concrete, and that are expected to carry automobile traffic all year. These roads and streets are graded to shed water, and conventional drainage measures are provided. With the probable exception of the hard surface, roads and streets are built mainly from the soil at hand.

### Lawns, Landscaping, and Golf Fairways

The soils are rated for their use in establishing and maintaining turf for lawns and golf fairways and ornamental trees and shrubs for residential type landscaping. The ratings are based on the use of soil material at the location with some land smoothing. Irrigation may or may not be needed and is not a criterion in rating. Traps, tees, roughs, and greens are not considered as part of the golf fairway. The properties considered are those that affect plant growth and trafficability after vegetation is established.

See the National Soil Survey Handbook, Part 620, for criteria used in rating specific uses.

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<b>Soil name and map symbol</b>	<b>Shallow Excavations</b>	<b>Dwellings without Basements</b>	<b>Dwellings with Basements</b>	<b>Small Commercial Buildings</b>	<b>Local Roads</b>	<b>Lawns and Landscaping</b>
<b>AaB</b> ADAMS	Severe: cutbanks cave	Slight:	Slight:	Moderate: slope	Slight:	Severe: droughty
<b>AaC</b> ADAMS	Severe: cutbanks cave	Moderate: slope	Moderate: slope	Severe: slope	Moderate: slope	Severe: droughty
<b>AaE</b> ADAMS	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: droughty, slope
<b>AgA</b> ALLAGASH	Severe: cutbanks cave	Slight:	Slight:	Slight:	Moderate: frost action	Moderate: droughty
<b>AgB</b> ALLAGASH	Severe: cutbanks cave	Slight:	Slight:	Moderate: slope	Moderate: frost action	Moderate: droughty
<b>AgC</b> ALLAGASH	Severe: cutbanks cave	Moderate: slope	Moderate: slope	Severe: slope	Moderate: frost action, slope	Moderate: droughty, slope
<b>AgD</b> ALLAGASH	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope

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<b>BaA</b> BANGOR	Moderate: dense layer	Slight:	Slight:	Slight:	Moderate: frost action	Moderate: large stones
<b>BaB</b> BANGOR	Moderate: dense layer	Slight:	Slight:	Moderate: slope	Moderate: frost action	Moderate: large stones
<b>BaC</b> BANGOR	Moderate: dense layer, slope	Moderate: slope	Moderate: slope	Severe: slope	Moderate: frost action, slope	Moderate: large stones, slope
<b>BaD</b> BANGOR	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>BmB</b> BANGOR	Severe: depth to rock	Moderate: depth to rock	Severe: depth to rock	Moderate: depth to rock, slope	Moderate: depth to rock, frost action	Moderate: droughty
<b>BmC</b> BANGOR	Severe: depth to rock	Moderate: depth to rock, slope	Severe: depth to rock	Severe: slope	Moderate: depth to rock, frost action, slope	Moderate: droughty, slope
<b>BmD</b> BANGOR	Severe: depth to rock, slope	Severe: slope	Severe: depth to rock, slope	Severe: slope	Severe: slope	Severe: slope

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<b>BnB</b> BANGOR	Moderate: dense layer	Slight:	Slight:	Moderate: slope	Moderate: frost action	Moderate: large stones, small stones
<b>BnC</b> BANGOR	Moderate: dense layer, slope	Moderate: slope	Moderate: slope	Severe: slope	Moderate: frost action, slope	Moderate: large stones, slope, small stones
<b>BnD</b> BANGOR	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>BoA</b> BIDDEFORD	Severe: ponding	Severe: ponding	Severe: ponding	Severe: ponding	Severe: frost action, low strength, ponding	Severe: excess humus, ponding
<b>BrA</b> BURNHAM	Severe: ponding	Severe: ponding	Severe: ponding	Severe: ponding	Severe: frost action, ponding	Severe: excess humus, ponding
<b>BuA</b> BUXTON	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, low strength, wetness	Severe: wetness
<b>BuB</b> BUXTON	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, low strength, wetness	Severe: wetness

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<b>BuC</b> BUXTON	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: wetness	Severe: slope	Severe: frost action, low strength	Moderate: slope, wetness
<b>BxB</b> BIDDEFORD	Severe: ponding	Severe: ponding	Severe: ponding	Severe: ponding	Severe: frost action, low strength, ponding	Severe: excess humus, ponding
 BUXTON	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, low strength, wetness	Severe: wetness
 SCANTIC	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, low strength, wetness	Severe: wetness
<b>CaC</b> CANAAN	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock
 ROCK OUTCROP	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock
<b>CaE</b> CANAAN	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope

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<b>CaE</b> ROCK OUTCROP	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock
<b>CcB</b> COLTON	Severe: cutbanks cave	Moderate: large stones	Moderate: large stones	Moderate: large stones, slope	Moderate: large stones	Severe: droughty
<b>CcC</b> COLTON	Severe: cutbanks cave	Moderate: large stones, slope	Moderate: large stones, slope	Severe: slope	Moderate: large stones, slope	Severe: droughty
<b>CcD</b> COLTON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: droughty, slope
<b>CcE</b> COLTON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: droughty, slope
<b>CnA</b> COLTON	Severe: cutbanks cave	Slight:	Slight:	Slight:	Slight:	Moderate: droughty, small stones
<b>CnB</b> COLTON	Severe: cutbanks cave	Slight:	Slight:	Moderate: slope	Slight:	Moderate: droughty, small stones

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<b>CnC</b> COLTON	Severe: cutbanks cave	Moderate: slope	Moderate: slope	Severe: slope	Moderate: slope	Moderate: droughty, slope, small stones
<b>CnD</b> COLTON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>CnE</b> COLTON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>CsA</b> COLTON	Severe: cutbanks cave	Slight:	Slight:	Slight:	Slight:	Severe: droughty, small stones
<b>CsB</b> COLTON	Severe: cutbanks cave	Slight:	Slight:	Moderate: slope	Slight:	Severe: droughty, small stones
<b>CsC</b> COLTON	Severe: cutbanks cave	Moderate: slope	Moderate: slope	Severe: slope	Moderate: slope	Severe: droughty, small stones
<b>CsD</b> COLTON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: droughty, slope, small stones

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<b>DaA</b> DAIGLE	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
<b>DaB</b> DAIGLE	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
<b>DaC</b> DAIGLE	Severe: wetness	Severe: wetness	Severe: wetness	Severe: slope, wetness	Severe: frost action, wetness	Severe: wetness
<b>DgA</b> DAIGLE	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
<b>DgB</b> DAIGLE	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
<b>DgC</b> DAIGLE	Severe: wetness	Severe: wetness	Severe: wetness	Severe: slope, wetness	Severe: frost action, wetness	Severe: wetness
<b>DxA</b> DIXMONT	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action	Moderate: wetness

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<b>DxB</b> DIXMONT	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action	Moderate: wetness
<b>DxC</b> DIXMONT	Severe: wetness	Severe: wetness	Severe: wetness	Severe: slope, wetness	Severe: frost action	Moderate: slope, wetness
<b>DyA</b> DIXMONT	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action	Moderate: large stones, wetness
<b>DyB</b> DIXMONT	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action	Moderate: large stones, wetness
<b>DyC</b> DIXMONT	Severe: wetness	Severe: wetness	Severe: wetness	Severe: slope, wetness	Severe: frost action	Moderate: large stones, slope, wetness
<b>EwB</b> ELMWOOD	Severe: wetness	Moderate: shrink-swell, wetness	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: frost action, low strength	Moderate: wetness
<b>Ha</b> HADLEY	Severe: cutbanks cave	Severe: flooding	Severe: flooding	Severe: flooding	Severe: flooding, frost action	Moderate: flooding

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<b>HbB</b> HERMON	Severe: cutbanks cave	Moderate: large stones	Moderate: large stones	Moderate: large stones, slope	Moderate: large stones	Severe: droughty
<b>HbC</b> HERMON	Severe: cutbanks cave	Moderate: large stones, slope	Moderate: large stones, slope	Severe: slope	Moderate: large stones, slope	Severe: droughty
<b>HdB</b> HERMON	Severe: cutbanks cave, depth to rock	Moderate: depth to rock	Severe: depth to rock	Moderate: depth to rock, slope	Moderate: depth to rock	Moderate: depth to rock, droughty
<b>HdC</b> HERMON	Severe: cutbanks cave, depth to rock	Moderate: depth to rock, slope	Severe: depth to rock	Severe: slope	Moderate: depth to rock, slope	Moderate: depth to rock, droughty, slope
<b>HeB</b> HERMON	Severe: cutbanks cave	Moderate: large stones	Moderate: large stones	Moderate: large stones, slope	Moderate: large stones	Severe: droughty
<b>HeC</b> HERMON	Severe: cutbanks cave	Moderate: large stones, slope	Moderate: large stones, slope	Severe: slope	Moderate: large stones, slope	Severe: droughty
<b>HeE</b> HERMON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: droughty, slope

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<b>HhC</b> HERMON	Severe: cutbanks cave	Moderate: large stones, slope	Moderate: large stones, slope	Severe: slope	Moderate: large stones, slope	Severe: droughty, large stones
<b>HoB</b> HOWLAND	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action	Moderate: small stones, wetness
<b>HoC</b> HOWLAND	Severe: wetness	Moderate: slope, wetness	Severe: wetness	Severe: slope	Severe: frost action	Moderate: slope, small stones, wetness
<b>HvB</b> HOWLAND	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action	Moderate: large stones, small stones
<b>HvC</b> HOWLAND	Severe: wetness	Moderate: slope, wetness	Severe: wetness	Severe: slope	Severe: frost action	Moderate: large stones, slope, small stones
<b>HvD</b> HOWLAND	Severe: slope, wetness	Severe: slope	Severe: slope, wetness	Severe: slope	Severe: frost action, slope	Severe: slope
<b>Lk</b> LIMERICK	Severe: cutbanks cave, wetness	Severe: flooding, wetness	Severe: flooding, wetness	Severe: flooding, wetness	Severe: flooding, frost action, wetness	Severe: flooding, wetness

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<b>MaB</b> MACHIAS	Severe: cutbanks cave, wetness	Moderate: wetness	Severe: wetness	Moderate: slope, wetness	Moderate: frost action, wetness	Severe: droughty
<b>MbB</b> MADAWASKA	Severe: cutbanks cave, wetness	Severe: wetness	Severe: wetness	Severe: wetness	Moderate: frost action, wetness	Moderate: droughty, wetness
<b>Md</b> MADE LAND	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable
<b>URBAN LAND</b>	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable	Limitation: variable
<b>MeA</b> MELROSE	Moderate: too clayey	Moderate: shrink-swell	Moderate: shrink-swell	Moderate: shrink-swell	Severe: low strength	Slight:
<b>MeB</b> MELROSE	Moderate: too clayey	Moderate: shrink-swell	Moderate: shrink-swell	Moderate: shrink-swell, slope	Severe: low strength	Slight:
<b>MeC</b> MELROSE	Moderate: slope, too clayey	Moderate: shrink-swell, slope	Moderate: shrink-swell, slope	Severe: slope	Severe: low strength	Moderate: slope

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<b>Mn</b> MIXED ALLUVIAL LAND PD	Severe: cutbanks cave, wetness	Severe: flooding, wetness	Severe: flooding, wetness	Severe: flooding, wetness	Severe: flooding, frost action, wetness	Severe: flooding, wetness
MIXED ALLUVIAL LAND MWD	Severe: cutbanks cave, wetness	Severe: flooding	Severe: flooding, wetness	Severe: flooding	Severe: flooding, frost action	Severe: flooding
<b>MoB</b> MONARDA	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
<b>MrB</b> MONARDA	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
BURNHAM	Severe: ponding	Severe: ponding	Severe: ponding	Severe: ponding	Severe: frost action, ponding	Severe: excess humus, ponding
<b>MsC</b> BURNHAM	Severe: ponding	Severe: ponding	Severe: ponding	Severe: ponding	Severe: frost action, ponding	Severe: excess humus, ponding
MONARDA	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: small stones, wetness

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<b>Mu</b> MUCK	Severe: excess humus, ponding	Severe: low strength, ponding	Severe: low strength, ponding	Severe: low strength, ponding	Severe: frost action, ponding	Severe: excess humus, ponding
<b>On</b> ONDAWA	Severe: cutbanks cave	Severe: flooding	Severe: flooding	Severe: flooding	Severe: flooding	Moderate: flooding
<b>Pa</b> PEAT	Severe: excess humus, ponding	Severe: low strength, ponding	Severe: low strength, ponding	Severe: low strength, ponding	Severe: frost action, ponding	Severe: excess humus, ponding
<b>MUCK</b>	Severe: excess humus, ponding	Severe: low strength, ponding	Severe: ponding	Severe: low strength, ponding	Severe: frost action, ponding	Severe: excess humus, ponding
<b>Pc</b> PEAT	Severe: excess humus, ponding	Severe: flooding, low strength, ponding	Severe: flooding, low strength, ponding	Severe: flooding, low strength, ponding	Severe: frost action, ponding	Severe: excess humus, ponding
<b>Pf</b> PEAT	Severe: excess humus, ponding	Severe: flooding, low strength, ponding	Severe: flooding, low strength, ponding	Severe: flooding, low strength, ponding	Severe: frost action, ponding	Severe: excess humus, ponding
<b>PgB</b> PLAISTED	Moderate: dense layer	Slight:	Moderate: wetness	Moderate: slope	Moderate: frost action	Slight:

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<b>PgC</b> PLAISTED	Moderate: dense layer, slope	Moderate: slope	Moderate: slope, wetness	Severe: slope	Moderate: frost action	Moderate: slope
<b>PgD</b> PLAISTED	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>PgE</b> PLAISTED	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>PhB</b> PERHAM	Severe: wetness	Moderate: wetness	Severe: wetness	Moderate: slope, wetness	Moderate: frost action, wetness	Moderate: large stones, small stones
<b>PhC</b> PERHAM	Severe: wetness	Moderate: slope, wetness	Severe: wetness	Severe: slope	Moderate: frost action, slope, wetness	Moderate: large stones, slope, small stones
<b>PmB</b> PERHAM	Severe: wetness	Moderate: wetness	Severe: wetness	Moderate: slope, wetness	Moderate: frost action, wetness	Moderate: large stones, small stones
<b>PmC</b> PERHAM	Severe: wetness	Moderate: slope, wetness	Severe: wetness	Severe: slope	Moderate: frost action, slope, wetness	Moderate: large stones, slope, small stones

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<b>PrC</b> PLAISTED	Moderate: dense layer, slope, wetness	Moderate: slope	Moderate: slope, wetness	Severe: slope	Moderate: frost action, slope	Moderate: large stones, slope
<b>PrE</b> PLAISTED	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>Ps</b> PEAT	Severe: excess humus, wetness	Severe: low strength, wetness	Severe: low strength, wetness	Severe: low strength, wetness	Severe: frost action, wetness	Severe: excess humus, too acid, wetness
<b>PxC</b> PLAISTED	Moderate: dense layer, slope, wetness	Moderate: slope	Moderate: slope, wetness	Severe: slope	Moderate: frost action, slope	Moderate: large stones, slope
<b>Py</b> PODUNK	Severe: cutbanks cave, wetness	Severe: flooding	Severe: flooding, wetness	Severe: flooding	Severe: flooding, frost action	Moderate: flooding, wetness
<b>RaB</b> RED HOOK	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
<b>ATHERTON</b>	Severe: ponding	Severe: ponding	Severe: ponding	Severe: ponding	Severe: frost action, ponding	Severe: ponding

**BUILDING SITE DEVELOPMENT**

**Penobscot County**

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<b>Soil name and map symbol</b>	<b>Shallow Excavations</b>	<b>Dwellings without Basements</b>	<b>Dwellings with Basements</b>	<b>Small Commercial Buildings</b>	<b>Local Roads</b>	<b>Lawns and Landscaping</b>
<b>RdB</b> RED HOOK	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, wetness	Severe: wetness
<b>ATHERTON</b>	Severe: ponding	Severe: ponding	Severe: ponding	Severe: ponding	Severe: frost action, ponding	Severe: ponding
<b>Re</b> RIVERWASH	Severe: cutbanks cave, wetness	Severe: flooding, wetness	Severe: flooding, wetness	Severe: flooding, wetness	Severe: flooding, wetness	Severe: droughty, small stones, wetness
<b>RkC</b> ROCKLAND	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock
<b>CANAAN</b>	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock
<b>RkD</b> ROCKLAND	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock
<b>CANAAN</b>	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope

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<b>Soil name and map symbol</b>	<b>Shallow Excavations</b>	<b>Dwellings without Basements</b>	<b>Dwellings with Basements</b>	<b>Small Commercial Buildings</b>	<b>Local Roads</b>	<b>Lawns and Landscaping</b>
<b>RmC</b> ROCKLAND	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock
<b>THORNDIKE</b>	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock, small stones
<b>RmD</b> ROCKLAND	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock
<b>THORNDIKE</b>	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope, small stones
<b>Ro</b> ROCK OUTCROP	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock
<b>Sa</b> SACO	Severe: cutbanks cave, ponding	Severe: flooding, ponding	Severe: flooding, ponding	Severe: flooding, ponding	Severe: flooding, frost action, ponding	Severe: flooding, ponding
<b>ScB</b> SCANTIC	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, low strength, wetness	Severe: wetness

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<b>Soil name and map symbol</b>	<b>Shallow Excavations</b>	<b>Dwellings without Basements</b>	<b>Dwellings with Basements</b>	<b>Small Commercial Buildings</b>	<b>Local Roads</b>	<b>Lawns and Landscaping</b>
<b>SeA</b> STETSON	Severe: cutbanks cave	Slight:	Slight:	Slight:	Slight:	Moderate: droughty
<b>SeB</b> STETSON	Severe: cutbanks cave	Slight:	Slight:	Moderate: slope	Slight:	Moderate: droughty
<b>SeC</b> STETSON	Severe: cutbanks cave	Moderate: slope	Moderate: slope	Severe: slope	Moderate: slope	Moderate: droughty, slope
<b>SeD</b> STETSON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope
<b>SfC</b> STETSON	Severe: cutbanks cave	Slight:	Slight:	Moderate: slope	Slight:	Moderate: droughty
<b>SUFFIELD</b>	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: wetness	Severe: slope	Severe: frost action, low strength	Moderate: slope, wetness
<b>SfE</b> STETSON	Severe: cutbanks cave, slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope	Severe: slope

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<b>SfE</b> SUFFIELD	Severe: slope, wetness	Severe: slope	Severe: slope, wetness	Severe: slope	Severe: frost action, low strength, slope	Severe: slope
<b>ShD</b> HERMON	Severe: cutbanks cave	Moderate: large stones, slope	Moderate: large stones, slope	Severe: slope	Moderate: large stones, slope	Severe: droughty, large stones
<b>SpD</b> PLAISTED	Moderate: dense layer, slope, wetness	Moderate: slope	Moderate: slope, wetness	Severe: slope	Moderate: frost action, slope	Moderate: large stones, slope
<b>SuA</b> SUFFIELD	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, low strength, wetness	Severe: wetness
<b>SuB</b> SUFFIELD	Severe: wetness	Moderate: shrink-swell, wetness	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: frost action, low strength	Moderate: wetness
<b>SuC</b> SUFFIELD	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: wetness	Severe: slope	Severe: frost action, low strength	Moderate: slope, wetness
<b>SuC2</b> SUFFIELD	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: wetness	Severe: slope	Severe: frost action, low strength	Moderate: slope, wetness

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<b>SuD</b> SUFFIELD	Severe: slope, wetness	Severe: slope	Severe: slope, wetness	Severe: slope	Severe: frost action, low strength, slope	Severe: slope
<b>SuD2</b> SUFFIELD	Severe: slope, wetness	Severe: slope	Severe: slope, wetness	Severe: slope	Severe: frost action, low strength, slope	Severe: slope
<b>SuE</b> SUFFIELD	Severe: slope, wetness	Severe: slope	Severe: slope, wetness	Severe: slope	Severe: frost action, low strength, slope	Severe: slope
<b>SvA</b> SUFFIELD	Severe: wetness	Severe: wetness	Severe: wetness	Severe: wetness	Severe: frost action, low strength, wetness	Severe: wetness
<b>SvB</b> SUFFIELD	Severe: wetness	Moderate: shrink-swell, wetness	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: frost action, low strength	Moderate: wetness
<b>SvC</b> SUFFIELD	Severe: wetness	Moderate: shrink-swell, slope, wetness	Severe: wetness	Severe: slope	Severe: frost action, low strength	Moderate: slope, wetness
<b>SvD</b> SUFFIELD	Severe: slope, wetness	Severe: slope	Severe: slope, wetness	Severe: slope	Severe: frost action, low strength, slope	Severe: slope

**BUILDING SITE DEVELOPMENT****Penobscot County**

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<b>Soil name and map symbol</b>	<b>Shallow Excavations</b>	<b>Dwellings without Basements</b>	<b>Dwellings with Basements</b>	<b>Small Commercial Buildings</b>	<b>Local Roads</b>	<b>Lawns and Landscaping</b>
<b>ThB</b> THORNDIKE	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, small stones
<b>ThC</b> THORNDIKE	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock, small stones
<b>ThD</b> THORNDIKE	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope, small stones
<b>ThE</b> THORNDIKE	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope	Severe: depth to rock, slope, small stones
<b>TkB</b> THORNDIKE	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, small stones
<b>TkC</b> THORNDIKE	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock	Severe: depth to rock, slope	Severe: depth to rock	Severe: depth to rock, small stones
<b>TvB</b> THORNDIKE	Severe: depth to rock	Moderate: depth to rock	Severe: depth to rock	Moderate: depth to rock, slope	Moderate: depth to rock, frost action	Severe: small stones

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<b>TvC</b> THORNDIKE	Severe: depth to rock	Moderate: depth to rock, slope	Severe: depth to rock	Severe: slope	Moderate: depth to rock, frost action, slope	Severe: small stones
<b>TvD</b> THORNDIKE	Severe: depth to rock, slope	Severe: slope	Severe: depth to rock, slope	Severe: slope	Severe: slope	Severe: slope, small stones
<b>Wn</b> WINOOSKI	Severe: cutbanks cave, wetness	Severe: flooding	Severe: flooding, wetness	Severe: flooding	Severe: flooding, frost action	Moderate: flooding, wetness