

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AsC: Ashe-----	100	Moderate Restrictive layer Strength	0.50 0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
AsD: Ashe-----	100	Moderate Slope Restrictive layer	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
BdB: Beltsville-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
BeB: Beltsville-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
Bg: Bibb-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
BnB: Bourne-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
BnC: Bourne-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
BpB: Bourne-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
BrC: Brandywine-----	100	Slight		Moderately suited Slope	0.50	Slight Strength	0.10
BrD: Brandywine-----	100	Moderate Slope Sandiness	0.50 0.50	Poorly suited Slope	1.00	Slight Strength	0.10

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BtB: Brandywine-----	40	Slight		Well suited		Slight Strength	0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
BtC: Brandywine-----	40	Slight		Moderately suited Slope	0.50	Slight Strength	0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
BtD: Brandywine-----	40	Moderate Slope Sandiness	0.50 0.50	Poorly suited Slope	1.00	Slight Strength	0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
CcB: Chillum-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
CcC: Chillum-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
CcD: Chillum-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
CdB: Chillum-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
CdC: Chillum-----	40	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
CdD: Chillum-----	40	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CeB: Christiana-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
CeC: Christiana-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
CeD: Christiana-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
CfB: Christiana-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
CfC: Christiana-----	40	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
CfD: Christiana-----	40	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
Ck: Codorus-----	95	Moderate Flooding Strength	0.50 0.50	Moderately suited Flooding Strength Wetness	0.50 0.50 0.50	Severe Strength	1.00
Cn: Codorus-----	40	Moderate Flooding Strength	0.50 0.50	Moderately suited Flooding Strength Wetness	0.50 0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
CwB: Croom-----	100	Moderate Sandiness	0.50	Moderately suited Sandiness	0.50	Slight Strength	0.10
CwC: Croom-----	100	Moderate Sandiness	0.50	Moderately suited Slope Sandiness	0.50 0.50	Slight Strength	0.10

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CwD: Croom-----	100	Moderate Slope Sandiness	0.50 0.50	Poorly suited Slope Sandiness	1.00 0.50	Slight Strength	0.10
CxB: Croom-----	40	Moderate Sandiness	0.50	Moderately suited Sandiness	0.50	Slight Strength	0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
CxC: Croom-----	40	Moderate Sandiness	0.50	Moderately suited Slope Sandiness	0.50 0.50	Slight Strength	0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
CxD: Croom-----	40	Moderate Slope Sandiness	0.50 0.50	Poorly suited Slope Sandiness	1.00 0.50	Slight Strength	0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
Dn: Dunning-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
Fa: Fallsington-----	100	Moderate Strength	0.50	Poorly suited Wetness Strength	1.00 0.50	Severe Strength	1.00
FB: Fluvaquents-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00
FD: Fluvaquents-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
FF: Fluvaquents-----	50	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00
Udifluents-----	35	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FH: Fluvaquents-----	30	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
Udifluvents-----	30	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00
Urban Land-----	20	Not rated		Not rated		Not rated	
GeB: Galestown-----	40	Moderate Sandiness	0.50	Moderately suited Sandiness	0.50	Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
GfB: Galestown-----	50	Moderate Sandiness	0.50	Moderately suited Sandiness	0.50	Moderate Strength	0.50
Rumford-----	35	Slight		Well suited		Moderate Strength	0.50
GfC: Galestown-----	50	Moderate Sandiness	0.50	Moderately suited Slope Sandiness	0.50 0.50	Moderate Strength	0.50
Rumford-----	35	Slight		Moderately suited Slope	0.50	Moderate Strength	0.50
GgB: Glenelg-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
GgC: Glenelg-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
GgD: Glenelg-----	100	Moderate Slope	0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
GhB: Glenelg-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
GhC: Glenelg-----	40	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	40	Not rated		Not rated		Not rated	
GhD: Glenelg-----	40	Moderate Slope	0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
G1B: Glenelg Variant----	100	Moderate Strength	0.50	Moderately suited Wetness Strength	0.50 0.50	Severe Strength	1.00
GmB: Glenelg Variant----	40	Moderate Strength	0.50	Moderately suited Wetness Strength	0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
Ik: Iuka-----	85	Moderate Flooding Strength	0.50 0.50	Moderately suited Flooding Strength	0.50 0.50	Severe Strength	1.00
Ip: Iuka-----	40	Moderate Flooding Strength	0.50 0.50	Moderately suited Flooding Strength	0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
JtB: Joppa-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
JtC: Joppa-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
JtD: Joppa-----	100	Moderate Slope	0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
JuB: Joppa-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
JuC: Joppa-----	40	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
JuD: Joppa-----	40	Moderate Slope	0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
KeB: Keyport-----	100	Slight		Well suited		Moderate Strength	0.50
KeC: Keyport-----	100	Slight		Moderately suited Slope	0.50	Moderate Strength	0.50
KmB: Keyport-----	40	Slight		Well suited		Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
KmC: Keyport-----	40	Slight		Moderately suited Slope	0.50	Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
Ld: Lindside-----	95	Moderate Flooding Strength	0.50 0.50	Moderately suited Flooding Strength	0.50 0.50	Severe Strength	1.00
Lp: Lindside-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00
MbC: Manor-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
MbD: Manor-----	100	Moderate Slope	0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
McC: Manor-----	100	Slight		Moderately suited Slope	0.50	Slight Strength	0.10
MdB: Manor-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
MdC: Manor-----	40	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
MdD: Manor-----	40	Moderate Slope	0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
MgB: Matapeake-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
MgC: Matapeake-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
MhB: Matapeake-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
Mp: Melvin-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
MvB: Muirkirk Variant----	100	Slight		Well suited		Moderate Strength	0.50
MvC: Muirkirk Variant----	100	Slight		Moderately suited Slope	0.50	Moderate Strength	0.50
MvD: Muirkirk Variant----	100	Moderate Slope	0.50	Poorly suited Slope	1.00	Moderate Strength	0.50

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
NeC: Neshaminy-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
NeD: Neshaminy-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
NuC: Neshaminy-----	40	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
NuD: Neshaminy-----	40	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
SaB: Sassafras-----	100	Slight		Well suited		Moderate Strength	0.50
SaC: Sassafras-----	100	Slight		Moderately suited Slope	0.50	Moderate Strength	0.50
ScB: Sassafras-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
ScC: Sassafras-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
ScD: Sassafras-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
SgB: Sassafras-----	40	Slight		Well suited		Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
SgC: Sassafras-----	40	Slight		Moderately suited Slope	0.50	Moderate Strength	0.50

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	40	Not rated		Not rated		Not rated	
SgD: Sassafras-----	40	Moderate Slope	0.50	Poorly suited Slope	1.00	Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
SmB: Sunnyside-----	100	Moderate Strength	0.50	Well suited		Moderate Strength	0.50
SmC: Sunnyside-----	100	Moderate Strength	0.50	Moderately suited Slope	0.50	Moderate Strength	0.50
SmD: Sunnyside-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope	1.00	Moderate Strength	0.50
SpB: Sunnyside-----	40	Moderate Strength	0.50	Well suited		Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
SpC: Sunnyside-----	40	Moderate Strength	0.50	Moderately suited Slope	0.50	Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
SpD: Sunnyside-----	40	Moderate Slope Strength	0.50 0.50	Poorly suited Slope	1.00	Moderate Strength	0.50
Urban Land-----	40	Not rated		Not rated		Not rated	
U1: Udorthents-----	100	Slight		Well suited		Slight	
U2: Udorthents-----	100	Slight		Well suited		Slight	
U3: Udorthents-----	100	Slight		Moderately suited Slope	0.50	Slight	
U4: Udorthents-----	100	Slight		Moderately suited Slope	0.50	Slight	

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
U5: Udorthents-----	100	Slight		Moderately suited Slope	0.50	Slight	
U6: Udorthents-----	100	Slight		Well suited		Slight	
U7: Udorthents-----	100	Slight		Well suited		Slight	
U8: Udorthents-----	100	Slight		Well suited		Slight	
U9: Udorthents-----	100	Slight		Well suited		Slight	
U10: Udorthents-----	100	Slight		Well suited		Slight	
U11B: Udorthents-----	100	Slight		Well suited		Slight	
U11C: Udorthents-----	100	Slight		Moderately suited Slope	0.50	Slight	
U11D: Udorthents-----	100	Moderate Slope	0.50	Poorly suited Slope	1.00	Slight	
UA: Udifluvents-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00
Ub: Urban Land-----	100	Not rated		Not rated		Not rated	
UcB: Urban Land-----	70	Not rated		Not rated		Not rated	
Beltsville-----	10	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
UdB: Urban Land-----	70	Not rated		Not rated		Not rated	
Brandywine-----	10	Slight		Well suited		Slight Strength	0.10
UeB: Urban Land-----	70	Not rated		Not rated		Not rated	
Chillum-----	10	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
UeC: Urban Land-----	70	Not rated		Not rated		Not rated	
Chillum-----	10	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
UfB: Urban Land-----	70	Not rated		Not rated		Not rated	
Christiana-----	5	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Christiana-----	5	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
UfC: Urban Land-----	70	Not rated		Not rated		Not rated	
Christiana-----	5	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Christiana-----	5	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
UkC: Urban Land-----	70	Not rated		Not rated		Not rated	
Croom-----	15	Moderate Sandiness	0.50	Moderately suited Slope Sandiness	0.50 0.50	Slight Strength	0.10
UmB: Urban Land-----	70	Not rated		Not rated		Not rated	
Galestown-----	10	Moderate Sandiness	0.50	Moderately suited Sandiness	0.50	Moderate Strength	0.50
UoC: Urban Land-----	70	Not rated		Not rated		Not rated	
Joppa-----	10	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
UpB: Urban Land-----	70	Not rated		Not rated		Not rated	
Keyport-----	5	Slight		Well suited		Moderate Strength	0.50

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. of map unit	Limitations affecting construction of haul roads and log landings		Suitability for log landings		Soil rutting hazard	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Keyport-----	5	Slight		Well suited		Moderate Strength	0.50
UsB: Urban Land-----	70	Not rated		Not rated		Not rated	
Manor-----	5	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
UsC: Urban Land-----	70	Not rated		Not rated		Not rated	
Manor-----	5	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
UxB: Urban Land-----	70	Not rated		Not rated		Not rated	
Sassafras-----	5	Slight		Well suited		Moderate Strength	0.50
UxC: Urban Land-----	70	Not rated		Not rated		Not rated	
Sassafras-----	10	Slight		Moderately suited Slope	0.50	Moderate Strength	0.50
UyC: Urban Land-----	70	Not rated		Not rated		Not rated	
Sunnyside-----	10	Moderate Strength	0.50	Moderately suited Slope	0.50	Moderate Strength	0.50
UzB: Urban Land-----	70	Not rated		Not rated		Not rated	
Woodstown-----	15	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
W: Water-----	100	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Severe Horizon table contains no data	1.00
WoB: Woodstown-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
WpB: Urban Land-----	40	Not rated		Not rated		Not rated	
Woodstown-----	40	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00

