

(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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AgB: Allegheny-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
AgC: Allegheny-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
CaC: Clymer-----	100	Moderate Strength	0.16	Moderately suited Slope Strength	0.83 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
CDD: Clymer-----	50	Moderate 15 to 30% slope	0.56	Poorly suited Slope	1.00	Moderately suited 20 to 35% slope Rutting hazard	0.20 0.05
Dekalb-----	30	Moderate 15 to 30% slope	0.56	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.20
Other Soils-----	20	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
CDE: Clymer-----	45	Severe >30% slope	1.00	Poorly suited Slope	1.00	Moderately suited 20 to 35% slope Rutting hazard	0.86 0.05
Dekalb-----	30	Severe >30% slope	1.00	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.86 0.50 0.50
Other Soils-----	25	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
CDF: Clymer-----	40	Severe >30% slope	1.00	Poorly suited Slope	1.00	Poorly suited >35% slope Rutting hazard	1.00 0.05
Dekalb-----	35	Severe >30% slope	1.00	Poorly suited Slope	1.00	Poorly suited >35% slope	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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
				Strength	0.50	Strength	0.50
						Rutting hazard	0.50
Other Soils-----	25	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
CoB: Coolville-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
CoC: Coolville-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
CrC3: Coolville-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Ct: Cotaco-----	95	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Dm: Dumps-----	100	Not rated		Not rated		Not rated	
FL: Fluvaquents-----	95	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
GlC: Gilpin-----	100	Moderate Strength	0.16	Moderately suited Slope Strength	0.83 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
GlD: Gilpin-----	100	Moderate 15 to 30% slope Strength	0.56 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard	0.50 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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						20 to 35% slope	0.20
G1E: Gilpin-----	100	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.86 0.50 0.50
GpC: Gilpin-----	45	Moderate Strength	0.16	Moderately suited Slope Strength	0.83 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Upshur-----	45	Moderate Stickiness/slope Strength	0.16 0.16	Moderately suited Slope Strength	0.83 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Other Soils-----	10	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
GpD: Gilpin-----	50	Moderate 15 to 30% slope Strength	0.56 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.20
Upshur-----	35	Moderate 15 to 30% slope Strength Stickiness/slope	0.56 0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.20
Other Soils-----	15	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
GRE: Gilpin-----	50	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.86 0.50 0.50
Upshur-----	25	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.86 0.50 0.50
Other Soils-----	25	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
GRF: Gilpin-----	55	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Poorly suited >35% slope Strength	1.00 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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						Rutting hazard	0.50
Other Soils-----	25	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
Upshur-----	20	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Poorly suited >35% slope Strength Rutting hazard	1.00 0.50 0.50
GsC3: Gilpin-----	45	Moderate Strength	0.16	Moderately suited Slope Strength	0.83 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Upshur-----	45	Moderate Stickiness/slope Strength	0.16 0.16	Moderately suited Slope Strength	0.83 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Other Soils-----	10	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
GsD3: Gilpin-----	50	Moderate 15 to 30% slope Strength	0.56 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.20
Upshur-----	35	Moderate 15 to 30% slope Strength Stickiness/slope	0.56 0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.20
Other Soils-----	15	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
GuE3: Gilpin-----	50	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.86 0.50 0.50
Other Soils-----	25	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
Upshur-----	25	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.86 0.50 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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HaA: Hackers-----	95	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
HaB: Hackers-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
KaA: Kanawha-----	95	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
KaB: Kanawha-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
LaD: Laidig-----	100	Moderate Strength 15 to 30% slope	0.50 0.22	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.01
LaE: Laidig-----	100	Moderate >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.67 0.50 0.50
LdB: Laidig-----	95	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Andover-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
LdC: Laidig-----	95	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Andover-----	5	Severe		Poorly suited		Poorly suited	

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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Horizon table contains no data	1.00	Horizon table contains no data	1.00	Horizon table contains no data	1.00
						Rutting hazard	0.50
MgB: Monongahela-----	95	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength	0.50
						Rutting hazard	0.50
Robertsville-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
MgC: Monongahela-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength	0.50
						Rutting hazard	0.50
Mo: Moshannon-----	95	Moderate Flooding Strength	0.88 0.50	Moderately suited Flooding Strength	0.88 0.50	Moderately suited Strength	0.50
						Rutting hazard	0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
Qu: Quarries-----	100	Not rated		Not rated		Not rated	
Se: Senecaville-----	95	Moderate Flooding Strength	0.88 0.50	Moderately suited Flooding Strength	0.88 0.50	Moderately suited Strength	0.50
						Rutting hazard	0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
Sn: Sensabaugh-----	95	Moderate Flooding Strength	0.50 0.50	Moderately suited Flooding Strength	0.50 0.50	Moderately suited Strength	0.50
						Rutting hazard	0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00
						Rutting hazard	0.50
Ty: Tyler-----	95	Moderate Strength	0.50	Moderately suited Wetness Strength	0.86 0.50	Moderately suited Strength	0.50
						Rutting hazard	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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Robertsville-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
UA: Udifluents-----	95	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
UB: Udifluents-----	100	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
UC: Udorthents, Smoothed	50	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Urban Land-----	30	Not rated		Not rated		Not rated	
Other Soils-----	20	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
UD: Udorthents-----	95	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Wet Minesoil-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Ue: Urban Land-----	100	Not rated		Not rated		Not rated	
Uf: Urban Land-----	50	Not rated		Not rated		Not rated	
Fluvaquents-----	30	Severe		Poorly suited		Poorly suited	

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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Horizon table contains no data	1.00	Horizon table contains no data	1.00	Horizon table contains no data Rutting hazard	1.00 0.50
Other Soils-----	15	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Uk: Urban Land-----	65	Not rated		Not rated		Not rated	
Kanawha-----	25	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Melvin-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Other Soils-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Ut: Urban Land-----	65	Not rated		Not rated		Not rated	
Tyler-----	20	Moderate Strength	0.50	Moderately suited Wetness Strength	0.86 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Other Soils-----	10	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
Robertsville-----	5	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50
VaB: Vandalia-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
VaC: Vandalia-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 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		Suitability for use of harvesting equipment	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VaD: Vandalia-----	100	Moderate Strength 15 to 30% slope	0.50 0.22	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.01
VaE: Vandalia-----	100	Moderate >30% slope Strength Stickiness/slope	1.00 0.50 0.06	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.67 0.50 0.50
VdC3: Vandalia-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
VdD3: Vandalia-----	100	Moderate Strength 15 to 30% slope	0.50 0.22	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.01
VdE3: Vandalia-----	100	Moderate >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength Rutting hazard	0.67 0.50 0.50
VeB: Vincent-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
VeC: Vincent-----	100	Moderate Strength	0.50	Moderately suited Strength Slope	0.50 0.05	Moderately suited Strength Rutting hazard	0.50 0.50
VnC3: Vincent-----	100	Moderate Strength	0.50	Moderately suited Strength Slope	0.50 0.05	Moderately suited Strength Rutting hazard	0.50 0.50
W: Water-----	100	Severe Horizon table contains no data	1.00	Poorly suited Horizon table contains no data	1.00	Poorly suited Horizon table contains no data Rutting hazard	1.00 0.50