

Table FOR-1.--Forestland Management

(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
AgC: Allegheny-----	100	Moderate Strength	0.50	Moderately suited Strength Slope	0.50 0.17	Moderately suited Strength Rutting hazard	0.50 0.50
AgD: Allegheny-----	100	Moderate Strength 15 to 30% slope	0.50 0.08	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
At: Atkins-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Ch: Chavies-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
ClB: Clarksburg-----	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
ClC: Clarksburg-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
ClD: Clarksburg-----	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
ClD3: Clarksburg-----	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
CoB: Cookport-----	100	Moderate Strength	0.50	Moderately suited Strength	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
CoC: Cookport-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
CuC: Culleoka-----	100	Moderate Strength	0.50	Moderately suited Strength Slope	0.50 0.05	Moderately suited Strength Rutting hazard	0.50 0.50
CuD: Culleoka-----	100	Moderate Strength 15 to 30% slope	0.50 0.01	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
CuE: Culleoka-----	100	Moderate 15 to 30% slope Strength	0.77 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.34
CuE3: Culleoka-----	100	Moderate 15 to 30% slope Strength	0.77 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.34
CuF3: Culleoka-----	100	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
DeC: Dekalb-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
DsF: Dekalb-----	100	Severe >30% slope Stoniness	1.00 0.50	Poorly suited Slope Rock fragments Strength	1.00 0.66 0.50	Poorly suited >35% slope Rock fragments Strength Rutting hazard	1.00 0.66 0.50 0.49
EnB: Ernest-----	95	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Atkins-----	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
EnC: Ernest-----	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
EnD: Ernest-----	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
EsC: Ernest-----	95	Moderate Strength	0.50	Moderately suited Strength Rock fragments Slope	0.50 0.23 0.05	Moderately suited Strength Rutting hazard Rock fragments	0.50 0.50 0.23
Atkins-----	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
EsD: Ernest-----	100	Moderate 15 to 30% slope Strength	0.77 0.50	Poorly suited Slope Strength Rock fragments	1.00 0.50 0.23	Moderately suited Strength Rutting hazard 20 to 35% slope Rock fragments	0.50 0.50 0.34 0.23
FaC: Faywood-----	100	Moderate Strength Stickiness/slope	0.50 0.50	Moderately suited Strength Slope	0.50 0.05	Moderately suited Strength Rutting hazard	0.50 0.50
FaD: Faywood-----	100	Moderate Stickiness/slope Strength 15 to 30% slope	0.50 0.50 0.01	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
FaE: Faywood-----	100	Moderate 15 to 30% slope Strength Stickiness/slope	0.77 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 0.34
FaF: Faywood-----	100	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
Fo: Fluvaquents-----	95	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 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
G1B: Gilpin-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
G1C: Gilpin-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
G1D: Gilpin-----	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
G1E: Gilpin-----	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
G1F: Gilpin-----	100	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
GsC: Gilpin-----	100	Moderate Strength	0.50	Moderately suited Strength Rock fragments Slope	0.50 0.23 0.05	Moderately suited Strength Rutting hazard Rock fragments	0.50 0.50 0.23
GsE: Gilpin-----	100	Moderate 15 to 30% slope Strength	0.77 0.50	Poorly suited Slope Strength Rock fragments	1.00 0.50 0.23	Moderately suited Strength Rutting hazard 20 to 35% slope Rock fragments	0.50 0.50 0.34 0.23
GtF: Gilpin-----	100	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength Rock fragments	1.00 0.50 0.23	Poorly suited >35% slope Strength Rutting hazard Rock fragments	1.00 0.50 0.50 0.23
GuC: Gilpin-----	45	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Upshur-----	45	Moderate Stickiness/slope Strength	0.34 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
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
GuC3: Gilpin-----	45	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Upshur-----	45	Moderate Stickiness/slope Strength	0.34 0.34	Moderately suited Slope Strength	0.63 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
GuD: Gilpin-----	45	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
Upshur-----	45	Moderate Strength Stickiness/slope 15 to 30% slope	0.50 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
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
GuD3: Gilpin-----	45	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
Upshur-----	45	Moderate Strength Stickiness/slope 15 to 30% slope	0.50 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
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
GuE: Gilpin-----	70	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
Upshur-----	20	Moderate >30% slope	1.00	Poorly suited Slope	1.00	Moderately suited 20 to 35% slope	0.67

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	Strength	0.50
		Stickiness/slope	0.50			Rutting hazard	0.50
Other Soils-----	10	Severe		Poorly suited		Poorly suited	
		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
GuE3: Gilpin-----	70	Moderate		Poorly suited		Moderately suited	
		>30% slope	1.00	Slope	1.00	20 to 35% slope	0.67
		Strength	0.50	Strength	0.50	Strength	0.50
						Rutting hazard	0.50
Upshur-----	20	Moderate		Poorly suited		Moderately suited	
		>30% slope	1.00	Slope	1.00	20 to 35% slope	0.67
		Strength	0.50	Strength	0.50	Strength	0.50
		Stickiness/slope	0.50			Rutting hazard	0.50
Other Soils-----	10	Severe		Poorly suited		Poorly suited	
		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
GuF3: Gilpin-----	70	Severe		Poorly suited		Poorly suited	
		>30% slope	1.00	Slope	1.00	>35% slope	1.00
		Strength	0.50	Strength	0.50	Strength	0.50
						Rutting hazard	0.50
Upshur-----	20	Severe		Poorly suited		Poorly suited	
		>30% slope	1.00	Slope	1.00	>35% slope	1.00
		Strength	0.50	Strength	0.50	Strength	0.50
						Rutting hazard	0.50
Other Soils-----	10	Severe		Poorly suited		Poorly suited	
		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
GyB: Guernsey-----	100	Moderate		Moderately suited		Moderately suited	
		Strength	0.50	Strength	0.50	Strength	0.50
						Rutting hazard	0.50
GyC: Guernsey-----	100	Moderate		Moderately suited		Moderately suited	
		Strength	0.34	Slope	0.63	Strength	0.50
				Strength	0.50	Rutting hazard	0.50
GyD: Guernsey-----	100	Moderate		Poorly suited		Moderately suited	
		Strength	0.50	Slope	1.00	Strength	0.50
		Stickiness/slope	0.25	Strength	0.50	Rutting hazard	0.50
		15 to 30% slope	0.22			20 to 35% slope	0.01
GyD3: Guernsey-----	100	Moderate		Poorly suited		Moderately 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
		Stickiness/slope 15 to 30% slope	0.25 0.22	Strength	0.50	Rutting hazard 20 to 35% slope	0.50 0.01
Ha: Hackers-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Ln: Lindside-----	95	Moderate Flooding Strength	0.88 0.50	Moderately suited Flooding Strength	0.88 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
Me: Melvin-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
MoB: Monongahela-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
MoC: Monongahela-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
No: Nolin-----	100	Moderate Flooding Strength	0.50 0.50	Moderately suited Flooding Strength	0.50 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Ph: Philo-----	95	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Atkins-----	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
Po: Pope-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
RaB: Rayne-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength	0.50

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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RaC: Rayne-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength	0.50 0.50
Sm: Udorthents, mudstone,	100	Severe >30% slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Moderately suited 20 to 35% slope Strength	0.80 0.50 0.50
Tg: Tygart-----	95	Moderate Strength	0.50	Moderately suited Wetness Strength	1.00 0.50	Moderately suited Strength	0.50 0.50
Purdy-----	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 0.50
Uf: Fluvaquents-----	50	Moderate Strength	0.50	Poorly suited Wetness Strength	1.00 0.50	Moderately suited Strength	0.50 0.50
Fluvents-----	50	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength	0.50 0.50
UhC3: Upshur-----	100	Moderate Stickiness/slope Strength	0.34 0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength	0.50 0.50
UhD3: Upshur-----	100	Moderate Strength Stickiness/slope 15 to 30% slope	0.50 0.50 0.22	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength	0.50 0.50 0.01
U1: Urban Land-----	100	Not rated		Not rated		Not rated	
VaB: Vandalia-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength	0.50 0.50
VaC: Vandalia-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength	0.50 0.50
VaD: Vandalia-----	100	Moderate Strength 15 to 30% slope	0.50 0.22	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength	0.50 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
VaD3: Vandalia-----	100	Moderate Strength 15 to 30% slope Stickiness/slope	0.50 0.22 0.06	Poorly suited Slope Strength	1.00 0.50	Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.01
WmC: Westmoreland-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
WmC3: Westmoreland-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
WmD: Westmoreland-----	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
WmD3: Westmoreland-----	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
WmE: Westmoreland-----	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
WmE3: Westmoreland-----	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
WmF: Westmoreland-----	100	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
WrC: Wharton-----	95	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
Nolo-----	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

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
WrD: Wharton-----	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
ZoB: Zoar-----	100	Moderate Strength	0.50	Moderately suited Strength	0.50	Moderately suited Strength Rutting hazard	0.50 0.50
ZoC: Zoar-----	100	Moderate Strength	0.34	Moderately suited Slope Strength	0.63 0.50	Moderately suited Strength Rutting hazard	0.50 0.50
ZZ900: Udorthents,sandstone	100	Not rated		Not rated		Not rated	
ZZ901: Udorthents,dumps,low	100	Not rated		Not rated		Not rated	
ZZ902: Ponds And Lakes Less	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