

(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
At:							
Atkins-----	100	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
BeC:							
Buchanan-----	50	Moderate Stoniness Strength	0.50 0.50	Moderately suited Slope Rock fragments Strength	0.50 0.50 0.50	Severe Strength	1.00
Ernest-----	30	Moderate Stoniness Strength	0.50 0.50	Moderately suited Slope Rock fragments Strength	0.50 0.50 0.50	Severe Strength	1.00
Atkins-----	20	Slight		Well suited		Slight	
		Slight		Well suited		Slight	
BeD:							
Buchanan-----	55	Moderate Slope Stoniness Strength	0.50 0.50 0.50	Poorly suited Slope Rock fragments Strength	1.00 0.50 0.50	Severe Strength	1.00
Ernest-----	25	Moderate Slope Stoniness Strength	0.50 0.50 0.50	Poorly suited Slope Rock fragments Strength	1.00 0.50 0.50	Severe Strength	1.00
Atkins-----	20	Slight		Well suited		Slight	
Ch:							
Chavies-----	95	Moderate Strength	0.50	Moderately suited Strength	0.50	Severe Strength	1.00
Atkins-----	5	Slight		Well suited		Slight	
DaC:							
Dekalb-----	100	Moderate Restrictive layer	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
DaD:							
Dekalb-----	100	Moderate Restrictive layer Slope	0.50 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
DaE: Dekalb-----	100	Moderate Slope Restrictive layer	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
DaF: Dekalb-----	100	Severe Slope	1.00	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
DmC: Dekalb-----	100	Moderate Restrictive layer Stoniness	0.50 0.50	Moderately suited Slope Rock fragments Strength	0.50 0.50 0.50	Severe Strength	1.00
DmE: Dekalb-----	100	Moderate Slope Restrictive layer Stoniness	0.50 0.50 0.50	Poorly suited Slope Rock fragments Strength	1.00 0.50 0.50	Severe Strength	1.00
DmF: Dekalb-----	100	Severe Slope Stoniness	1.00 0.50	Poorly suited Slope Rock fragments Strength	1.00 0.50 0.50	Severe Strength	1.00
EnB: Ernest-----	95	Moderate Strength	0.50	Moderately suited Strength Slope	0.50 0.50	Severe Strength	1.00
Atkins-----	5	Slight		Well suited		Slight	
EnC: Ernest-----	95	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Atkins-----	5	Slight		Well suited		Slight	
EnD: Ernest-----	95	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Atkins-----	5	Slight		Well suited		Slight	
Fu: Fluvaquents-----	40	Slight		Well suited		Slight	
Udifluvents-----	30	Slight		Well suited		Slight	
Other soils-----	25	Slight		Well suited		Slight	
Atkins-----	5	Slight		Well suited		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
GaB: Gilpin-----	100	Moderate Strength	0.50	Moderately suited Strength Slope	0.50 0.50	Severe Strength	1.00
GaC: Gilpin-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
GaD: Gilpin-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
GbC: Gilpin-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
GbD: Gilpin-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
GbE: Gilpin-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
GbF: Gilpin-----	100	Severe Slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
GcC: Gilpin-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
GcE: Gilpin-----	100	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
GcF: Gilpin-----	100	Severe Slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
GdE: Gilpin-----	55	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Dekalb-----	25	Moderate Slope Restrictive layer	0.50 0.50 0.50	Poorly suited Slope Strength	1.00 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
Other soils-----	20	Slight		Well suited		Slight	
GdF: Gilpin-----	50	Severe Slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Dekalb-----	30	Severe Slope	1.00	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Other soils-----	20	Slight		Well suited		Slight	
GkC: Gilpin-----	60	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Dekalb-----	25	Moderate Restrictive layer	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Other soils-----	15	Slight		Well suited		Slight	
GkE: Gilpin-----	55	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Dekalb-----	25	Moderate Slope Restrictive layer	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Other soils-----	20	Slight		Well suited		Slight	
GkF: Gilpin-----	60	Severe Slope Strength	1.00 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Dekalb-----	25	Severe Slope	1.00	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Other soils-----	15	Slight		Well suited		Slight	
GuC: Gilpin-----	50	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Upshur-----	30	Moderate Stickiness/slope Strength	0.50 0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Other soils-----	20	Slight		Well suited		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
GuD:							
Gilpin-----	50	Moderate		Poorly suited		Severe	
		Slope	0.50	Slope	1.00	Strength	1.00
		Strength	0.50	Strength	0.50		
Upshur-----	30	Moderate		Poorly suited		Severe	
		Slope	0.50	Slope	1.00	Strength	1.00
		Strength	0.50	Strength	0.50		
		Stickiness/slope	0.50				
Other soils-----	20	Slight		Well suited		Slight	
GuE:							
Gilpin-----	50	Moderate		Poorly suited		Severe	
		Slope	0.50	Slope	1.00	Strength	1.00
		Strength	0.50	Strength	0.50		
Other soils-----	25	Slight		Well suited		Slight	
Upshur-----	25	Moderate		Poorly suited		Severe	
		Slope	0.50	Slope	1.00	Strength	1.00
		Stickiness/slope	0.50	Strength	0.50		
		Strength	0.50				
GuF:							
Gilpin-----	50	Severe		Poorly suited		Severe	
		Slope	1.00	Slope	1.00	Strength	1.00
		Strength	0.50	Strength	0.50		
Other soils-----	25	Slight		Well suited		Slight	
Upshur-----	25	Severe		Poorly suited		Severe	
		Slope	1.00	Slope	1.00	Strength	1.00
		Strength	0.50	Strength	0.50		
GwC3:							
Gilpin-----	50	Moderate		Moderately suited		Severe	
		Strength	0.50	Slope	0.50	Strength	1.00
				Strength	0.50		
Upshur-----	30	Moderate		Moderately suited		Severe	
		Stickiness/slope	0.50	Slope	0.50	Strength	1.00
		Strength	0.50	Strength	0.50		
Other soils-----	20	Slight		Well suited		Slight	
GwD3:							
Gilpin-----	50	Moderate		Poorly suited		Severe	
		Slope	0.50	Slope	1.00	Strength	1.00
		Strength	0.50	Strength	0.50		
Upshur-----	30	Moderate		Poorly suited		Severe	
		Slope	0.50	Slope	1.00	Strength	1.00
		Strength	0.50	Strength	0.50		
		Stickiness/slope	0.50				
Other soils-----	20	Slight		Well suited		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
		Slight		Well suited		Slight	
GwE3: Gilpin-----	50	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Other soils-----	25	Slight		Well suited		Slight	
Upshur-----	25	Moderate Slope Stickiness/slope Strength	0.50 0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
LyB: Lily-----	100	Moderate Strength Restrictive layer	0.50 0.50	Moderately suited Strength	0.50	Severe Strength	1.00
LyC: Lily-----	100	Moderate Strength Restrictive layer	0.50 0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
MoB: Monongahela-----	100	Moderate Strength	0.50	Moderately suited Strength Slope	0.50 0.50	Severe Strength	1.00
MoC: Monongahela-----	100	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Oh: Orrville-----	45	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength Wetness	1.00 0.50 0.50	Severe Strength	1.00
Other soils-----	30	Slight		Well suited		Slight	
Holly-----	25	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
Pa: Philo-----	45	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00
Atkins-----	30	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Wetness Strength	1.00 1.00 0.50	Severe Strength	1.00
Other soils-----	25	Slight		Well suited		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
Po:							
Pope-----	95	Severe Flooding Strength	1.00 0.50	Poorly suited Flooding Strength	1.00 0.50	Severe Strength	1.00
Atkins-----	5	Slight		Well suited		Slight	
Tg:							
Tygart-----	95	Moderate Strength	0.50	Moderately suited Wetness Strength	0.50 0.50	Severe Strength	1.00
Atkins-----	5	Slight		Well suited		Slight	
Ua:							
Udorthents-----	95	Slight		Well suited		Slight	
Holly-----	5	Slight		Well suited		Slight	
Ub:							
Udorthents-----	95	Slight		Well suited		Slight	
Wet minesoil-----	5	Slight		Well suited		Slight	
Uc:							
Udorthents-----	95	Slight		Well suited		Slight	
Wet minesoil-----	5	Slight		Well suited		Slight	
Ud:							
Udorthents-----	95	Slight		Well suited		Slight	
Wet minesoil-----	5	Slight		Well suited		Slight	
Ue:							
Udorthents-----	95	Slight		Well suited		Slight	
Wet minesoil-----	5	Slight		Well suited		Slight	
Uf:							
Udorthents-----	95	Slight		Well suited		Slight	
Other soils-----	5	Slight		Well suited		Slight	
VaC:							
Vandalia-----	95	Moderate Strength	0.50	Moderately suited Slope Strength	0.50 0.50	Severe Strength	1.00
Holly-----	5	Slight		Well suited		Slight	
VaD:							
Vandalia-----	95	Moderate Slope Strength	0.50 0.50	Poorly suited Slope Strength	1.00 0.50	Severe Strength	1.00
Holly-----	5	Slight		Well suited		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
W: Water-----	100	Slight		Well suited		Slight	
WuE: Westmoreland-----	50	Moderate Slope	0.50	Poorly suited Slope	1.00	Severe Strength	1.00
		Restrictive layer Strength	0.50 0.50	Strength	0.50		
Other soils-----	25	Slight		Well suited		Slight	
Upshur-----	25	Moderate Slope	0.50	Poorly suited Slope	1.00	Severe Strength	1.00
		Stickiness/slope Strength	0.50 0.50	Strength	0.50		
WuF: Westmoreland-----	50	Severe Slope	1.00	Poorly suited Slope	1.00	Severe Strength	1.00
		Strength	0.50	Strength	0.50		
Other soils-----	25	Slight		Well suited		Slight	
Upshur-----	25	Severe Slope	1.00	Poorly suited Slope	1.00	Severe Strength	1.00
		Strength	0.50	Strength	0.50		