

## Table ENG-3. - Building Site Development

Boone County, Indiana

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
<b>CbaA:</b>							
Camden	85	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell	0.50
Oxyaquic Hapludalfs	10	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07
Starks	5	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
<b>CudA:</b>							
Crosby	93	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
Williamstown	5	Somewhat limited Depth to saturated zone Shrink-swell	0.98 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Depth to saturated zone Shrink-swell Slope	0.98 0.50 <0.01
Typic Argiaquolls	2	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
<b>CxdA:</b>							
Cyclone	83	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Mahalasville	15	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CxdA: Fincastle	2	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
EdeAW: Eel	47	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Beckville	40	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Shoals	10	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Sloan	3	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
FdbA: Fincastle	84	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Typic Argiaquolls	10	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Williamstown	6	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
FdhA: Fincastle	55	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
FdhA: Crosby	30	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Williamstown	10	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
Typic Argiaquolls	5	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
FexB2: Fox	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
Martinsville	12	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
Fox, till substratum	8	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
FexC2: Fox	80	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	<0.01	Slope	<0.01	Shrink-swell	0.50
Martinsville	12	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	<0.01	Slope	<0.01	Shrink-swell	0.50
Fox, till substratum	8	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	<0.01	Slope	<0.01	Shrink-swell	0.50
MamA: Mahalassville	67	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MamA: Pella	15	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Treaty	15	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Starks	2	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Mahalaland	1	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
MaoA: Mahalaland	94	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Waupecan	6	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	<0.01	Somewhat limited Shrink-swell	0.50
MjkAH: Medway	48	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Beckville	40	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Shoals	10	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
MjKAH: Sloan	2	Very limited		Very limited		Very limited		
		Ponding	1.00	Ponding	1.00	Ponding	1.00	
		Flooding	1.00	Flooding	1.00	Flooding	1.00	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00	
		Somewhat limited		Very limited		Somewhat limited		
		Shrink-swell	0.50	Depth to saturated zone	1.00	Shrink-swell	0.50	
Miami, severely eroded	55			Shrink-swell	0.50	Slope	0.13	
Miami, eroded	20	Somewhat limited	Shrink-swell	0.50	Very limited		Somewhat limited	
					Depth to saturated zone	1.00	Shrink-swell	0.50
					Shrink-swell	0.50	Slope	<0.01
Williamstown	13	Somewhat limited	Depth to saturated zone	0.98	Very limited		Somewhat limited	
					Shrink-swell	0.50	Depth to saturated zone	1.00
							Shrink-swell	0.50
					Shrink-swell	0.50	Slope	<0.01
Rainsville	10	Somewhat limited	Shrink-swell	0.50	Very limited		Somewhat limited	
					Depth to saturated zone	1.00	Shrink-swell	0.50
					Shrink-swell	0.50	Slope	<0.01
Crosby	2	Very limited	Depth to saturated zone	1.00	Very limited		Very limited	
					Shrink-swell	0.50	Depth to saturated zone	1.00
							Shrink-swell	0.50
Miami, severely eroded	56	Somewhat limited	Shrink-swell	0.50	Very limited		Very limited	
					Slope	<0.01	Depth to saturated zone	1.00
							Shrink-swell	0.50
					Slope	<0.01	Slope	1.00
Miami, eroded	20	Somewhat limited	Shrink-swell	0.50	Very limited		Very limited	
					Slope	<0.01	Depth to saturated zone	1.00
							Shrink-swell	0.50
					Slope	<0.01	Slope	1.00
Williamstown	12	Somewhat limited	Depth to saturated zone	0.98	Very limited		Somewhat limited	
					Shrink-swell	0.50	Depth to saturated zone	1.00
							Shrink-swell	0.50
					Shrink-swell	0.50	Slope	<0.01

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MmoC3: Rainsville	10	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited	1.00	Very limited	1.00
				Depth to saturated zone Shrink-swell Slope		0.50 <0.01	
Crosby	2	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00
				Depth to saturated zone Shrink-swell		0.50	
MmoD3: Miami, severely eroded	67	Very limited Slope Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00
				Depth to saturated zone Shrink-swell		0.50	
Miami, eroded	20	Very limited Slope Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00
				Depth to saturated zone Shrink-swell		0.50	
Rainsville	10	Very limited Slope Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00
				Depth to saturated zone Shrink-swell		0.50	
Crosby	3	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00
				Depth to saturated zone Shrink-swell		0.50	
MnpB2: Miami	72	Somewhat limited Shrink-swell	0.50	Very limited	1.00	Somewhat limited	0.50
				Depth to saturated zone Shrink-swell		0.50	
Crosby	13	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00
				Depth to saturated zone Shrink-swell		0.50	
Williamstown	8	Somewhat limited Depth to saturated zone Shrink-swell	0.98 0.50	Very limited	1.00	Somewhat limited	0.98
				Depth to saturated zone Shrink-swell		0.50	

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MnpB2: Rainsville	5	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Slope	0.50 <0.01
Typic Argiaquolls	2	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
MnpC2: Miami	85	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited Depth to saturated zone Shrink-swell Slope	1.00 0.50 <0.01	Very limited Slope Shrink-swell	1.00 0.50
Rainsville	10	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited Depth to saturated zone Shrink-swell Slope	1.00 0.50 <0.01	Very limited Slope Shrink-swell	1.00 0.50
Typic Argiaquolls	3	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Crosby	2	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
MnpD2: Miami	85	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Rainsville	10	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MnpD2: Crosby	5	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
ObxA: Ockley	81	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
Ockley, till substratum	15	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
Sleeth	3	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Westland	1	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
ObxB2: Ockley	79	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
Ockley, till substratum	14	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
Ockley, severely eroded	4	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Slope	1.00
		Slope	<0.01	Slope	<0.01	Shrink-swell	0.06
Westland	2	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Sleeth	1	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Ppu: Pits, sand and gravel	80	Not Rated		Not Rated		Not Rated	
Udorthents, loamy	10	Not Rated		Not Rated		Not Rated	

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ppu: Water	10	Not Rated		Not Rated		Not Rated	
RqpG: Rodman	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
Ockley	10	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell Slope	0.06 <0.01
RtuAH: Rossburg	50	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Landes	40	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Medway	5	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.77 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.77 0.50
Sloan	5	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
SigE2: Senachwine	73	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Miami	15	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Rainsville	10	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Senachwine, severely eroded	2	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
SldAH:							

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SldAH: Shoals	68	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Medway	12	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Shrink-swell			0.50	Shrink-swell	0.50	Shrink-swell	0.50
		Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
Beckville	10	Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
Sloan	10	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
Depth to saturated zone			1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
SldAW: Shoals	68	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Eel	12	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Beckville	10	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Sloan	10	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
Depth to saturated zone			1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
SngA: Sleeth	87	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SngA: Sleeth, till substratum	10	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Westland	3	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
SnIAP: Southwest	90	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
Treaty	10	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
SocAH: Sloan	94	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Shoals	3	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Medway	2	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Beckville	1	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
SocAW:							

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SocAW: Sloan	94	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
Shoals	3	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
Eel	2	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Very limited		Very limited		Very limited	
		Flooding	0.98	Flooding	1.00	Flooding	1.00
Beckville	1	Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
SteA: Starks	85	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
		Very limited		Very limited		Very limited	
Fincastle	10	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
		Very limited		Very limited		Very limited	
Mahalasville	5	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
StjA: Starks	55	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
		Very limited		Very limited		Very limited	
Crosby	35	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
		Very limited		Very limited		Very limited	

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
StjA: Cyclone	5	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Mahalassville	5	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
SvqG: Strawn	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
Rodman	5	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
Shoals	5	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
SvzG: Strawn	55	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
Rodman	10	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
ThrA: Treaty	90	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Mahalaland	3	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ThrA: Mahalassville	3	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Crosby	2	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Fincastle	2	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Uaz: Udorthents, sandy	100	Not Rated		Not Rated		Not Rated	
Uby: Udorthents, loamy	100	Not Rated		Not Rated		Not Rated	
UfnA: Urban land	50	Not Rated		Not Rated		Not Rated	
Crosby	45	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Williamstown	3	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
Typic Argiaquolls	2	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
UfoA: Urban land	50	Not Rated		Not Rated		Not Rated	
Cyclone	40	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UfoA: Mahalassville	8	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Fincastle	2	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
UfxA: Urban land	50	Not Rated		Not Rated		Not Rated	
Fincastle	42	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Typic Argiaquolls	5	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Williamstown	3	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
UhuA: Urban land	50	Not Rated		Not Rated		Not Rated	
Mahalassville	34	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Pella	7	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Treaty	7	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UhuA: Mahalaland	1	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Starks	1	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
UkbB: Urban land	50	Not Rated		Not Rated		Not Rated	
Miami	36	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Slope	0.50 <0.01
Crosby	6	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
Williamstown	4	Somewhat limited Depth to saturated zone Shrink-swell	0.98 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Depth to saturated zone Shrink-swell Slope	0.98 0.50 <0.01
Rainsville	3	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Slope	0.50 <0.01
Typic Argiaquolls	1	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
UkbC: Urban land	50	Not Rated		Not Rated		Not Rated	
Miami	42	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited Depth to saturated zone Shrink-swell Slope	1.00 0.50 <0.01	Very limited Slope Shrink-swell	1.00 0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UkbC: Rainsville	5	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited Depth to saturated zone Shrink-swell Slope	1.00 0.50 <0.01	Very limited Slope Shrink-swell	1.00 0.50
Typic Argiaquolls	2	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Crosby	1	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
UkbD: Urban land	50	Not Rated		Not Rated		Not Rated	
Miami	42	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Rainsville	5	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Crosby	3	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
UkpA: Urban land	50	Not Rated		Not Rated		Not Rated	
Ockley	40	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06
Ockley, till substratum	7	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06
Sleeth	2	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UkpA: Westland	1	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
UkpB: Urban land	50	Not Rated		Not Rated		Not Rated	
Ockley	40	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell Slope	0.06 <0.01
Ockley, till substratum	6	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell Slope	0.06 <0.01
Ockley, severely eroded	2	Somewhat limited Shrink-swell Slope	0.06 <0.01	Somewhat limited Shrink-swell Slope	0.06 <0.01	Very limited Slope Shrink-swell	1.00 0.06
Sleeth	1	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
Westland	1	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
UmyA: Urban land	50	Not Rated		Not Rated		Not Rated	
Treaty	44	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Mahalaland	2	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Mahalasville	2	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50

## Table ENG-3. - Building Site Development - Continued

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UmyA: Crosby	1	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Fincastle	1	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
UnhA: Urban land	50	Not Rated		Not Rated		Not Rated	
Wawaka	38	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
Ockley	7	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06	Somewhat limited Shrink-swell	0.06
Williamstown	5	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
UnuA: Urban land	50	Not Rated		Not Rated		Not Rated	
Whitaker	32	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50			Shrink-swell	0.50
Tuscola	7	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
		Shrink-swell	0.50			Shrink-swell	0.50
Whitaker, till substratum	7	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Mahalasville	4	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
UnvB: Urban land	50	Not Rated		Not Rated		Not Rated	

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UnvB: Williamstown	31	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Crosby	18	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Typic Argiaquolls	1	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Usl: Udortherents, rubbish	100	Not Rated		Not Rated		Not Rated	
W: Water	100	Not Rated		Not Rated		Not Rated	
WdrA: Wawaka	75	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Ockley	15	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
Williamstown	10	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
WdrB2: Wawaka	75	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell Slope	0.50 <0.01
Ockley	15	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell Slope	0.06 <0.01
Williamstown	10	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
WdrC2:							

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WdrC2: Wawaka	75	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell Slope	0.50 <0.01	Shrink-swell Slope	0.50 <0.01	Slope Shrink-swell	1.00 0.50
Ockley	15	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell Slope	0.06 <0.01	Shrink-swell Slope	0.06 <0.01	Slope Shrink-swell	1.00 0.06
Miami	10	Somewhat limited		Very limited		Very limited	
		Shrink-swell Slope	0.50 <0.01	Depth to saturated zone Shrink-swell Slope	1.00 0.50 <0.01	Slope Shrink-swell	1.00 0.50
WdrD2: Wawaka	75	Very limited		Very limited		Very limited	
		Slope Shrink-swell	1.00 0.50	Slope Shrink-swell	1.00 0.50	Slope Shrink-swell	1.00 0.50
Ockley	15	Very limited		Very limited		Very limited	
		Slope Shrink-swell	1.00 0.06	Slope Shrink-swell	1.00 0.06	Slope Shrink-swell	1.00 0.06
Miami	10	Very limited		Very limited		Very limited	
		Slope Shrink-swell	1.00 0.50	Slope Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Slope Shrink-swell	1.00 0.50
WmnA: Waynetown	85	Very limited		Very limited		Very limited	
		Depth to saturated zone Shrink-swell	1.00 0.50	Depth to saturated zone Shrink-swell	1.00 0.50	Depth to saturated zone Shrink-swell	1.00 0.50
Fincastle	8	Very limited		Very limited		Very limited	
		Depth to saturated zone Shrink-swell	1.00 0.50	Depth to saturated zone Shrink-swell	1.00 0.50	Depth to saturated zone Shrink-swell	1.00 0.50
Mahalaland	7	Very limited		Very limited		Very limited	
		Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
WofB:							

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WofB: Williamstown	62	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Crosby	36	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Treaty	2	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
WqvA: Westland	70	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Mahalaland	15	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Treaty	9	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Sleeth	6	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
WtaA: Whitaker	62	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50			Shrink-swell	0.50
Tuscola	15	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50			Shrink-swell	0.50

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WtaA: Whitaker, till substratum	15	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Mahalasville	8	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
XfuB2: Miami	60	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Depth to saturated zone	1.00	Shrink-swell	0.50
				Shrink-swell	0.50	Slope	<0.01
Rainsville	30	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Depth to saturated zone	1.00	Shrink-swell	0.50
				Shrink-swell	0.50	Slope	<0.01
Crosby	3	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Fincastle	3	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Miami, severely eroded	3	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Depth to saturated zone	1.00	Shrink-swell	0.50
				Shrink-swell	0.50	Slope	<0.01
Typic Argiaquolls	1	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
XfuC2: Miami	65	Somewhat limited		Very limited		Very limited	
		Shrink-swell	0.50	Depth to saturated zone	1.00	Slope	1.00
		Slope	<0.01	Shrink-swell	0.50	Shrink-swell	0.50
				Slope	<0.01		

**Table ENG-3. - Building Site Development - Continued**

Boone County, Indiana

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings			
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value		
XfuC2: Rainsville	25	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited	1.00	Very limited	1.00		
				Depth to saturated zone Shrink-swell Slope		0.50 <0.01		Slope Shrink-swell	0.50
Miami, severely eroded	4	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited	1.00	Very limited	1.00		
				Depth to saturated zone Shrink-swell Slope		0.50 <0.01		Slope Shrink-swell	0.50
Crosby	2	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00		
				Depth to saturated zone Shrink-swell		0.50		Depth to saturated zone Shrink-swell	0.50
Fincastle	2	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited	1.00	Very limited	1.00		
				Depth to saturated zone Shrink-swell		0.50		Depth to saturated zone Shrink-swell	0.50
Rainsville, severely eroded	1	Somewhat limited Shrink-swell Slope	0.50 <0.01	Very limited	1.00	Very limited	1.00		
				Depth to saturated zone Shrink-swell Slope		0.50 <0.01		Slope Shrink-swell	0.50
Typic Argiaquolls	1	Very limited Ponding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited	1.00	Very limited	1.00		
				Ponding		1.00		Ponding	1.00
				Depth to saturated zone Shrink-swell		1.00 0.50		Depth to saturated zone Shrink-swell	1.00 0.50