

Selected Soil Interpretations

This report allows the customer to produce a report showing the results of the soil interpretation(s) of his or her choice. It is useful when a standard report that displays the results of the selected interpretation(s) is not available.

When customers select this report, they are presented with a list of interpretations with results for the selected map units. The customer may select up to three interpretations to be presented in table format.

For a description of the particular interpretations and their criteria, use the "Selected Survey Area Interpretation Descriptions" report.

Report—Selected Soil Interpretations

Selected Soil Interpretations—Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
AdB—Ade loamy fine sand, 2 to 6 percent slopes					
Ade	97	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Unstable excavation walls	0.99	Unstable excavation walls	0.99
		Sand content	0.96	Sand content	0.96
AIA—Alford silt loam, 0 to 2 percent slopes					
Alford	100	Somewhat limited		Somewhat limited	
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
AIB2—Alford silt loam, 2 to 6 percent slopes, eroded					
Alford	100	Somewhat limited		Somewhat limited	
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
AIC2—Alford silt loam, 6 to 12 percent slopes, eroded					
Alford	100	Somewhat limited		Somewhat limited	
		Slope	0.63	Dusty	0.07
		Dusty	0.07	Slope	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
AID3—Alford silt loam, 12 to 18 percent slopes, severely eroded					
Alford, severely eroded	100	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
AnB—Alvin fine sandy loam, 2 to 6 percent slopes					
Alvin	97	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Too sandy	1.00	Too sandy	1.00
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
		Dusty	0.01	Dusty	0.01
AnC—Alvin fine sandy loam, 6 to 12 percent slopes					
Alvin	97	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Too sandy	1.00	Too sandy	1.00
		Slope	0.63	Slope	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
		Dusty	0.01	Dusty	0.01
AnD—Alvin fine sandy loam, 12 to 18 percent slopes					
Alvin	97	Very limited		Very limited	
		Slope	1.00	Seepage	1.00
		Seepage	1.00	Too sandy	1.00
		Too sandy	1.00	Slope	1.00
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
		Dusty	0.01	Dusty	0.01
Ar—Armiesburg silty clay loam, rarely flooded					
Armiesburg	97	Somewhat limited		Somewhat limited	
		Flooding	0.40	Flooding	0.40
		Dusty	0.08	Dusty	0.08
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ay--Ayrshire fine sandy loam					
Ayrshire	97	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Seepage	1.00	Seepage	1.00
		Dusty	0.02	Dusty	0.02
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Bd--Birds silt loam, rarely flooded					
Birds	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Flooding	0.40	Flooding	0.40
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
BIB--Bloomfield loamy fine sand, 2 to 10 percent slopes					
Bloomfield	97	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Sand content	0.96	Sand content	0.96
		Unstable excavation walls	0.53	Unstable excavation walls	0.53
BID--Bloomfield loamy fine sand, 12 to 18 percent slopes					
Bloomfield	97	Very limited		Very limited	
		Slope	1.00	Seepage	1.00
		Seepage	1.00	Slope	1.00
		Sand content	0.96	Sand content	0.96
		Unstable excavation walls	0.92	Unstable excavation walls	0.92
ChC--Chelsea loamy fine sand, 4 to 10 percent slopes					
Chelsea	97	Very limited		Very limited	
		Unstable excavation walls	1.00	Unstable excavation walls	1.00
		Seepage	1.00	Seepage	1.00
		Sand content	0.96	Sand content	0.96
		Slope	0.39		

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
CIF—Chetwynd loam, 25 to 50 percent slopes					
Chetwynd	97	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Seepage	0.52	Seepage	0.52
		Dusty	0.04	Dusty	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
CoA—Conotton sandy loam, 0 to 3 percent slopes					
Conotton	100	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
		Dusty	0.01	Dusty	0.01
Du—Dumps, mine					
Dumps	100	Not rated		Not rated	
Ed—Edwards variant muck, drained					
Edwards variant, drained	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Seepage	1.00	Seepage	1.00
		Too sandy	1.00	Too sandy	1.00
		Water gathering surface	0.50	Water gathering surface	0.50
EkA—Elkinsville silt loam, 0 to 2 percent slopes					
Elkinsville	97	Somewhat limited		Somewhat limited	
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
EIA—Elston sandy loam, 0 to 3 percent slopes					
Elston	97	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Sand content	0.08	Sand content	0.08
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
		Dusty	0.01	Dusty	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
FaB--Fairpoint parachannery silt loam, 0 to 8 percent slopes					
Fairpoint	100	Somewhat limited		Somewhat limited	
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
FbG--Fairpoint very parachannery silt loam, 35 to 90 percent slopes					
Fairpoint	100	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Seepage	0.52	Seepage	0.52
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Ha--Haymond silt loam, frequently flooded					
Haymond	94	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Hb--Haymond silt loam, rarely flooded					
Haymond	97	Somewhat limited		Somewhat limited	
		Flooding	0.40	Flooding	0.40
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Hc--Haymond variant loamy sand, frequently flooded					
Haymond variant	98	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
		Dusty	0.01	Dusty	0.01
HeA--Henshaw silt loam, 0 to 2 percent slopes					
Henshaw	97	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
HkF--Hickory loam, 25 to 50 percent slopes					
Hickory	100	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Dusty	0.05	Dusty	0.05
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
HoA--Hosmer silt loam, 0 to 2 percent slopes					
Hosmer	100	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
HoB2--Hosmer silt loam, 2 to 6 percent slopes, eroded					
Hosmer	100	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
HoC3--Hosmer silt loam, 6 to 12 percent slopes, severely eroded					
Hosmer, severely eroded	100	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Slope	0.63	Dusty	0.07
		Dusty	0.07	Slope	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
HoD3--Hosmer silt loam, 12 to 18 percent slopes, severely eroded					
Hosmer, severely eroded	100	Very limited		Very limited	
		Slope	1.00	Wetness	1.00
		Wetness	1.00	Slope	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
loA—Iona silt loam, 0 to 2 percent slopes					
Iona	100	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
lvA—Iva silt loam, 0 to 2 percent slopes					
Iva	97	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Kn—Kings silty clay					
Kings	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Unstable excavation walls	0.51	Unstable excavation walls	0.51
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07
La—Landes loamy sand, rarely flooded					
Landes	98	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Flooding	0.40	Flooding	0.40
		Unstable excavation walls	0.04	Unstable excavation walls	0.04
		Sand content	0.04	Sand content	0.04
Lo—Lomax loam, rarely flooded					
Lomax	98	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Too sandy	1.00	Too sandy	1.00
		Flooding	0.40	Flooding	0.40
		Dusty	0.05	Dusty	0.05
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ly—Lyles fine sandy loam					
Lyles	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Seepage	0.52	Seepage	0.52
		Water gathering surface	0.33	Water gathering surface	0.33
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
MbB2—Markland silt loam, 2 to 6 percent slopes, eroded					
Markland	98	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
McA—McGary silt loam, 0 to 2 percent slopes					
Mcgary	97	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.06	Unstable excavation walls	0.06
No—Nolin silty clay loam, rarely flooded					
Nolin	98	Somewhat limited		Somewhat limited	
		Flooding	0.40	Flooding	0.40
		Seepage	0.22	Seepage	0.22
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Pb—Patton silt loam					
Patton	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Pg—Peoga variant silt loam					
Peoga variant	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.06	Unstable excavation walls	0.06
Po—Petrolia silty clay loam, frequently flooded					
Petrolia	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07
Psa—Proctor silt loam, 0 to 2 percent slopes					
Proctor	94	Somewhat limited		Somewhat limited	
		Seepage	0.22	Seepage	0.22
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Ra—Ragsdale silt loam					
Ragsdale	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
ReA—Reesville silt loam, 0 to 2 percent slopes					
Reesville	97	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Sa--Selma loam					
Selma	100	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.04	Dusty	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Sc--Selma clay loam					
Selma	100	Very limited		Very limited	
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.04	Dusty	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
SdA--Stockland sandy loam, 0 to 2 percent slopes					
Stockland	97	Very limited		Very limited	
		Seepage	1.00	Seepage	1.00
		Sand content	0.96	Sand content	0.96
		Dusty	0.01	Dusty	0.01
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
SyB2--Sylvan silt loam, 2 to 6 percent slopes, eroded					
Sylvan	100	Somewhat limited		Somewhat limited	
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
SyC3--Sylvan silt loam, 6 to 12 percent slopes, severely eroded					
Sylvan, severely eroded	100	Somewhat limited		Somewhat limited	
		Slope	0.63	Dusty	0.07
		Dusty	0.07	Slope	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
SyD3--Sylvan silt loam, 12 to 18 percent slopes, severely eroded					
Sylvan, severely eroded	100	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
SyF—Sylvan silt loam, 25 to 40 percent slopes					
Sylvan	100	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
UdB—Udorthents, gently sloping					
Udorthents	100	Not rated		Not rated	
Vn—Vincennes loam					
Vincennes	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.04	Dusty	0.04
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Vo—Vincennes clay loam, gravelly substratum					
Vincennes	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.05	Dusty	0.05
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
W—Water					
Water	100	Not rated		Not rated	
Wa—Wakeland silt loam, frequently flooded					
Wakeland	97	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Wetness	1.00	Wetness	1.00
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01

Selected Soil Interpretations--Knox County, Indiana					
Map symbol and soil name	Pct. of map unit	Dhs - catastrophic mortality, large animal disposal, pit		Dhs - catastrophic mortality, large animal disposal, trench	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Wb--Walkkill silt loam, undrained					
Walkkill, undrained	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00
		Wetness	1.00	Wetness	1.00
		Organic matter content	1.00	Organic matter content	1.00
		Seepage	0.52	Seepage	0.52
Wc--Walkkill silt loam, clayey substratum, drained					
Walkkill, drained	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Organic matter content	1.00	Organic matter content	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07
Zp--Zipp silty clay					
Zipp	95	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07
		Unstable excavation walls	0.01	Unstable excavation walls	0.01
Zt--Zipp silty clay, frequently flooded					
Zipp	100	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00
		Wetness	1.00	Wetness	1.00
		Water gathering surface	0.33	Water gathering surface	0.33
		Dusty	0.07	Dusty	0.07

Data Source Information

Soil Survey Area: Knox County, Indiana
 Survey Area Data: Version 13, Sep 9, 2014