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ALFISOL	ALF	Pedalfer – AL & FE enriched
ANDISOL	AND	Andic - volcanic short-range-order compounds
ARIDISOL	ID	Arid – dry soil
ENTISOL	ENT	Recent – little or no profile development
HISTOSOL	IST	Histos – tissue; high fiber content
INCEPTISOL	EPT	Inception – young; horizons beginning to develop
MOLLISOL	OLL	Mollis – soft
OXISOL	OX	Oxide – enriched with oxides
SPODOSOL	OD	Podzol – wood ash horizon; acid leaching
ULTISOL	ULT	Ultimate – maximum leaching
VERTISOL	ERT	Invert – to turn; crack



What You Really Have To Know For Wetland Delineations: Organic vs Mineral Soils Organic Soil: A soil in which the sum of the thicknesses of layers containing organic soil materials is generally greater than the sum of

the thicknesses of mineral layers.
Mineral Soil: A soil consisting predominantly of, and having its properties determined predominantly by, mineral matter. Usually contains <200 g kg⁻¹organic carbon (< 120-180 g kg⁻¹ if saturated with water), but may contain an organic surface layer up to 30 cm thick.

WSP



























DA Field Indicators of Hydric Solis in the United States, Version 6.0 (2006), Appe			
Nonsandy soil 1987 Manual	Arid West and WMVC Suppleme		
a. Organic soils (Histosols)	A1 Histosol or histel		
	A3 Black histic		
b. Histic epipedon	A2 Histic epipedon		
	A3 Black histic		
c. Sulfidic material	A4 Hydrogen sulfide		
d. Aquic or peraquic moisture regime	None		
e. Reducing soil conditions	F18 Reduced vertic		
f.1. Gleyed soils	F2 Loamy gleyed matrix		
f.2. Soils with bright mottles and/or low matrix chroma	F3 Depleted matrix		
	F9 Vernal pools		
g. Soils on Hydric soil list	None		
h. Iron and manganese concretions	None		

1987 Corps Manual / Arid West / WM			
DA Field Indicators of Hydric Soils in the United States, Version 6.0 (2006), App Sandy soils			
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	A3 Black histic		
c. Sulfidic material	A4 Hydrogen sulfide		
d. Aquic or peraquic moisture regime	None		
e. Reducing soil conditions	None		
f. Iron and manganese concretions	None		
g. High organic matter content in the surface horizon	A9 1 cm muck		
	A10 2 cm muck		
	S1 Sandy mucky mineral		
h. Streaking of subsurface horizons by organic matter	S6 Stripped matrix		
i. Organic pan	None		
j. Soils on Hydric soil list	None		













































































































