

C. Soil Hydrology and Profile Properties

Part C Score _____

Effective Soil Depth (5)	Hydraulic Conductivity (3-5-3)		Surface runoff (5)	Available Water Holding Capacity (5)	Soil Wetness Class (5)
	Surface Layer	Limiting Layer			
___ Very Shallow (<25 cm)	___ Very High	___ Very High	___ Negligible or Poned	___ Very Low (<7.5 cm)	___ Class 1 (≥ 150 cm)
___ Shallow (25 to <50 cm)	___ High	___ High	___ Very Low	___ Low (7.5 to <15 cm)	___ Class 2 (100 to <150 cm)
___ Mod. Deep (50 to <100 cm)	___ Moderately High	___ Moderately High	___ Low	___ Medium (15.0 to <22.5 cm)	___ Class 3 (50 to <100 cm)
___ Deep (100 to <150 cm)	___ Moderately Low	___ Moderately Low	___ Medium	___ High (≥ 22.5 cm)	___ Class 4 (25 to <50 cm)
___ Very Deep (≥ 150 cm)	___ Low	___ Low	___ High		___ Class 5 (<25 cm)
	___ Very Low	___ Very Low	___ Very High		

D. Soil Classification

Part D Score _____

Epipedon (5)	Diagnostic Subsurface Horizons & Characteristics (5)*	Order (5)	Suborder (5)	Great Group (5)	Subgroup (5)*	Particle-Size Control Section (5)	Family Particle Size Class (5)
___ Mollic	___ Albic	___ Vertisol	___ Alb-	___ Argi-	___ Aquic	___ 0 cm to root limiting layer (limiting layer < 36 cm depth)	___ Sandy
___ Ochric	___ Argillic	___ Mollisol	___ Aqu-	___ Calci-	___ Cumulic		___ Loamy
___ Umbric	___ Calcic	___ Alfisol	___ Fluv-	___ Dystr-	___ Fluventic	___ Upper 50 cm of argillic	___ Coarse Loamy
	___ Cambic	___ Inceptisol	___ Orth-	___ Endo-	___ Mollic	___ Upper boundary of argillic to 100 cm (contrasting particle size class)	___ Fine Loamy
	___ Lithic/Paralithic Contact	___ Entisol	___ Psamm-	___ Eutr-	___ Pachic		___ Coarse Silty
	___ Lithologic Discontinuity		___ Ud-	___ Epi-	___ Typic		___ Fine Silty
	___ Natric		___ Us-	___ Fluv-	___ Udic	___ All of the argillic, where it is < 50 cm thick	___ Clayey
	___ Slickensides or pressure faces			___ Hapl/Hap-	___ Ustic		___ Fine
	___ Wetness features (depletions or depleted matrix)			___ Natr-	___ Vertic	___ 25-100 cm	___ Very Fine
	___ None			___ Psamm-		___ 25 cm to root limiting layer (36-100 cm depth)	___ Sandy-skeletal
				___ Ud-			___ Loamy-skeletal
							___ Clayey-skeletal
							___ Contrasting (any)

*can select more than one if applicable, +5 for each correct, -5 for each incorrect

E. Site Interpretations

Part E Score _____

Septic Tank Absorption Field (5)	Local Roads and Streets (5)	Dwellings with Basements (5)	Corn Suitability-2 Rating (5)
___ Slight	___ Slight	___ Slight	
___ Moderate	___ Moderate	___ Moderate	
___ Severe	___ Severe	___ Severe	