

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 Pondered | ___ 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- | ___ Aerice | ___ 0 cm to root limiting layer (limiting layer < 36 cm depth) | ___ Sandy |
| ___ Ochric | ___ Argillic | ___ Mollisol | ___ Aqu- | ___ Calci- | ___ Aquic | | ___ Loamy |
| ___ Umbric | ___ Calcic | ___ Alfisol | ___ Fluv- | ___ Dystr- | ___ Cumulic | ___ Upper 50 cm of argillic | ___ Coarse Loamy |
| | ___ Cambic | ___ Inceptisol | ___ Orth- | ___ Endo- | ___ Fluventic | | ___ Fine Loamy |
| | ___ Gypsic | ___ Entisol | ___ Psamm- | ___ Epi- | ___ Fluvaquentic | | ___ Coarse Silty |
| | ___ Natric | | ___ Ust- | ___ Eutr- | ___ Lamellic | ___ Upper boundary of argillic to 100 cm (contrasting particle size class) | ___ Fine Silty |
| | ___ Secondary Carbonates | | | ___ Fluv- | ___ Leptic | | ___ Clayey |
| | ___ Lamellae | | | ___ Hapl/Hap- | ___ Mollic | ___ All of the argillic, where it is < 50 cm thick | ___ Fine |
| | ___ Lithologic Discontinuity | | | ___ Natr- | ___ Oxyaquic | | ___ Very Fine |
| | ___ Slickensides or Pressure Faces | | | ___ Psamm- | ___ Pachic | ___ 25-100 cm | ___ Sandy-skeletal |
| | ___ Wetness Features (depletions, depleted or reduced matrix) | | | ___ Usti/Ust | ___ Typic | ___ 25 cm to root limiting layer (36-100 cm depth) | ___ Loamy-skeletal |
| | ___ None | | | | ___ Udertic | | ___ Clayey-skeletal |
| | | | | | ___ Udic | | |
| | | | | | ___ Ustic | | |
| | | | | | ___ Vertic | | |

E. Site Interpretations

Part E Score _____

| Septic Tank Absorption Field (5) | Local Roads and Streets (5) | Dwellings with Basements (5) | Field Indicator of Hydric Soil (5) |
|----------------------------------|-----------------------------|------------------------------|------------------------------------|
| ___ Slight | ___ Slight | ___ Slight | ___ FIHS Present |
| ___ Moderate | ___ Moderate | ___ Moderate | ___ FIHS Absent |
| ___ Severe | ___ Severe | ___ Severe | Indicator: _____ |
| Reason: _____ | Reason: _____ | Reason: _____ | |