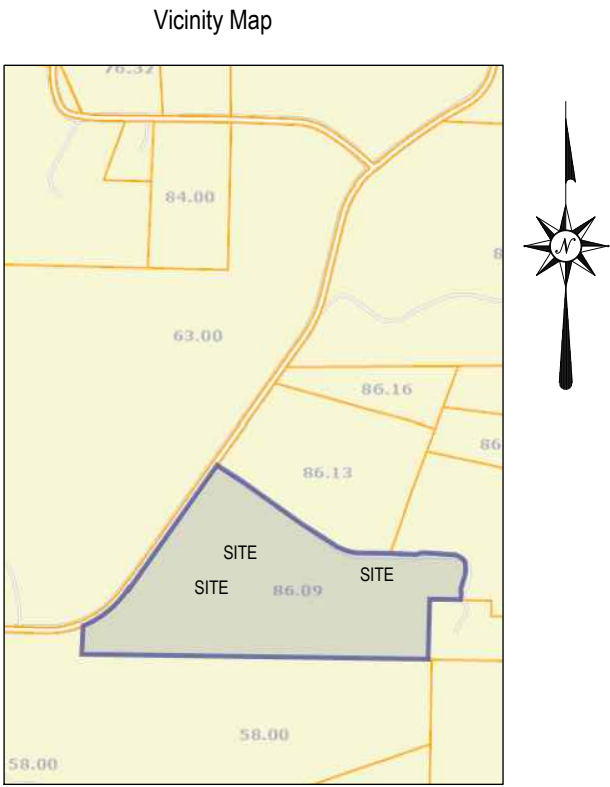


HIGH INTENSITY SOILS MAP FOR
CONVENTIONAL DRAINFIELD SYSTEMS
Portion of Map 126, Parcel 086.09, Fairview Road
Civil District 04, Monroe County, TN

Project: # 25084
For: Wendy Vilhena



SOILS LEGEND				
SOIL NAME SLOPE CLASS	DEPTHS	ESTIMATED ABSORPTION RATE (MPI)	DEPTH TO RESTRICTING LAYERS (INCHES)	SOIL IMPROVEMENT PRACTICES/ NOTES/ PERC STATUS
Etowah, 0-15%	0-48"	45 MPI	>48"	Etowah soils are a product of deep alluvial deposits washed from landscapes located higher in the watershed and dominated by limestone residual soils. Surface water protection is required here to prevent over-saturation during wet periods of the year due to position in the landscape. The unit is considered karst, percable.
Decatur, 6-15%	0-48"	45 MPI	>48"	Decatur soils have formed in deeply weathered residuum from high-grade limestone. Dark red, well sturctured kaolinitic clays are more than 60 inches to limestone bedrock. Occasional pinnacle rock may occur at more shallow depths, however. A few fragments of water worked shale were noticed in the unit. Fieldlines should be installed when conditions are as dry as possible to prevent trench wall glazing. This map unit is karst, percable.
Decatur, 0-15%	0-24" 24-48"	45 MPI 60 MPI	>48"	Decatur soils have formed in deeply weathered residuum from high-grade limestone. Dark red, well sturctured kaolinitic clays are more than 60 inches to limestone bedrock. The unit mapped here has a higher incidence of clay than is typical for the soil series and has subsequently been assigned a higher mpi rating below 24 inches. Occasional pinnacle rock may occur at more shallow depths, however. Fieldlines should be installed when conditions are as dry as possible to prevent trench wall glazing. This map unit is karst, percable.
Decatur, 0-6% 0-15%	0-48"	60 MPI	>48"	Decatur soils have formed in deeply weathered residuum from high-grade limestone. Dark red, well sturctured kaolinitic clays are more than 60 inches to limestone bedrock. Occasional pinnacle rock may occur at more shallow depths, however. Fieldlines should be installed when conditions are as dry as possible to prevent trench wall glazing. This map unit is karst, percable.
Decatur, 0-15%	0-36" 36-48"	60 MPI >75 MPI	36" TO DENSE, POORLY STRUCTURED CLAYS	Decatur soils have formed in deeply weathered residuum from high-grade limestone. Dark red, well sturctured kaolinitic clays are more than 60 inches to limestone bedrock. Occasional pinnacle rock may occur at more shallow depths, however. The unit mapped here has a higher incidence of clay than is typical for the soil series and has subsequently been assigned a higher mpi rating below 36 inches. Fieldlines should be installed when conditions are as dry as possible to prevent trench wall glazing. This map unit is karst, percable.

HIGH INTENSITY SOILS MAP BY:
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IF THESE SOILS ARE DISTURBED (CUT, FILLED OR COMPACTED) AFTER THE DATE SHOWN BELOW, THIS
SOILS MAP WILL NOT BE VALID!

I Stephine Smith, affirm that this soil map meets the standards established in the Regulations to
Govern Subsurface Sewage Disposal, The Soils Handbook and Soil Taxonomy. No other warranties are
made or implied.

Signature of Soils Consultant does not constitute approval of lot by The Division of Groundwater Resources. 09/16/2025

Map Legend

- lot corner ○
- control flag ⚓ A1
- drain (25' setbacks) ————
- drain (15' setbacks) ————
- gully (15' setbacks) ————
- cut bank ————
- drive ————
- rock outcrop ————
- doline bottom ————
- culvert ————
- fence ————
- perc hole ●
- iron pin found ipf
- power pole ⚡

scale
1"=100'