LANDSCAPE POSITION: Nose, linear slopes

SITE LIMITATIONS: Drainage way / high voltage tower and power line right of way

SOIL INFORMATION

SOIL TEXTURE: (surface) Sandy loam
(subsoil) Clay

SOIL STRUCTURE: (subsoil) Blocky

CLAY MINERALOGY: Slightly expansive

SOIL DEPTH: 30 to 32 inches to unsuitable soil condition

SOIL WETNESS: 32 inches to chromas of 2 or less

RESTRICTIVE HORIZONS: None

SAPROLITE: 30 to 36 inches to unsuitable saprolite

AREA of S or PS SOIL: Approximately 4,000 sq. ft.

CONCLUSIONS

This site is unsuitable for the installation of a conventional ground absorption wastewater system due to:

1. Unsuitable Topography and Landscape Position — Section .1940
   Drainage feature
2. Unsuitable Soil Wetness — Section .1942
   Chromas of 2 or less from Munsell Color Book
3. Insufficient Soil Depth — Section .1943
   Soil depths of less than 36 inches
4. Insufficient Available Space — Section .1945
   Not enough area for an initial sewage system and a repair if needed.

The site is Provisionally Suitable under Rule .1956 Modifications to Septic Tank Systems. Either shallow trenches or large diameter pipe are options for this site. The saprolite is unsuitable by this rule; greater than 20 percent clay, slightly sticky, and slightly plastic. Drainage will be helpful in reclassify the site to Provisionally Suitable.

I do not recommend a low pressure pipe system, fill system, nor an aerobic treatment unit as options for this site. These systems would not be appropriate under the power lines, due to possible damage from service vehicles.