Road cut showing Placer deposits & mine tailings.

FRACTURED HARD BEDROCK is suitable for septic systems, but where Soft weathered bedrock is generally to be excavated, though onsite foundsations and roads. Ensure overlies weathered bedrock.

A layer of silt loam greater than 3 feet of silt and fine sand overly sand permafrost. More than three feet of silt and fine sand overly sand permafrost. The soil is suited for building sites.

Soil profile showing stratification of organic matter.

WETNESS and PERMAFROST make these soils poorly suited for building sites. Wetness, permafrost will be preserved. Above ground foundations help to protect the permafrost.

If roads or structures must be designed to minimize thaw and allow leveling if necessary. Drilling to determine if ice is present is recommended before construction.

A thick moss/organic mat over a thin subsoil. Be sure leachfields provide adequate filtration. Elsewhere structures should be built on a gravel pad or flood control system. Elsewhere structures should be built on a gravel pad or flood control system. FLOODING is a hazard for homesites, although this hazard is reduced in many areas by the Chena Lakes.

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Be sure the ground slopes away from foundations to prevent problems.

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