Excavation guidelines for addressing subsoil–
Requirements for a PENG or CET

Subsoil
Professional Engineer Report required where:

1. Unstable soils are encountered (example: filled ground, peat, or sensitive clay)
2. Where footings are laid on two different substrates (example: rock and clay)
3. Subdivision agreements require subsoil investigations
4. Subsoil is not visible at the time of inspection and the contractor does not want to remove gravel/cover
5. Organic material is visible
6. Ground is frozen
7. High ground water level is suspected or water at the bottom of the excavation cannot be accounted for
8. Part 4 designed footings/foundations

No report is required where:

1. Stable soils and none of the above conditions are encountered

Compaction
Professional Engineer report required where:

1. Granular fill provided over unstable soil
2. Part 4 designed footings/foundations

CET report can be provided where:

1. Greater than 12" of granular fill provided over stable soil for leveling of surface

No report is required where:

1. 12" or less of granular provided over stable soil

Note: Documentation may be provided at framing inspection in an effort not to delay construction.