

\*\*\* DRAFT – NOT FOR FILING \*\*\*

3745-510-332

Critical layers due to liquefaction potential.

The report on the geotechnical investigation identified in rule 3745-510-100 of the Administrative Code shall include labeled and tabbed pages for the section titled "Critical Layers due to Liquefaction Potential," and shall include the following:

- (A) A description of the critical layers due to liquefaction potential.
- (B) An explanation of the criteria used to identify the critical layers due to liquefaction potential.
- (C) A description of the site investigation activities directly related to identifying, locating, and characterizing the critical layers due to liquefaction potential, including the subsurface investigatory method, field testing, and laboratory testing.
- (D) A summary of the results of site investigation activities directly related to identifying, locating, and characterizing the critical layers due to liquefaction potential.
- (E) Any other sources of information used to determine the critical layers due to liquefaction potential.
- (F) Cross sections that clearly show the identification, extent, and characteristics of the following:
  - (1) Consolidated stratigraphic units.
  - (2) Unconsolidated stratigraphic units.
  - (3) Critical layers due to liquefaction potential.
  - (4) Highest temporal phreatic surfaces.
  - (5) Highest temporal piezometric surfaces.
  - (6) Basal elevations of the disposal limits.
  - (7) Basal elevations of existing and proposed excavations. At least one cross section shall depict the deepest existing or proposed excavation.