

*** DRAFT – NOT FOR FILING ***

3745-510-335 Unstable areas.

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 "Unstable Areas," and shall include the following:

(A) Identification and description, based on publicly available information, of the following within one mile of the facility boundary:

(1) Areas with poor foundation conditions including the following:

(a) Presence of peat.

(b) Presence of loess.

(c) Presence of liquefiable soils.

(d) Soil conditions conducive to significant differential settlement.

(2) Areas susceptible to mass movement including the following:

(a) Coastal or river erosion.

(b) Landslides and rock falls, including the presence of following:

(i) Bedford shale, Kope formation, and Miamitown shale.

(ii) Weathered shales and mudstones of the Conemaugh, Monongahela, and Dunkard groups.

(iii) Lake deposits.

(iv) Cliffs of thick, massive sandstone.

(c) Presence of surface mines.

(d) Presence of underground mines.

(3) Areas with karst terrain.

(B) If publicly available information indicates the presence of underground mines, the following information shall be included in this section:

(1) The location of each mine.

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- (2) A description of the mining method used for each mine.
- (3) The properties of the consolidated and unconsolidated stratigraphic units above each underground mine based on the findings of the site investigation.
- (4) A description of the height and width of the mine voids for each underground mine.
- (5) A letter from the Ohio department of natural resources, division of mineral resources management or other appropriate agency verifying the type of mine, mining method, location, depth, and status of each underground mine.