

Geo-tech & Slope Issues

Geotechnical Requirement (COS-13)

Purpose:

Ensure that development in areas with potentially unstable soil conditions are located, designed, and constructed in a manner that provides for public health, safety, and welfare.



Geotechnical Requirement (COS-13)

The standards for geological review for projects developed under clear and objective criteria are “one-size-fits all.”

What we require now:

Certification from a licensed engineer or geologist that the proposed development will not be impacted by:

- Springs or seeps



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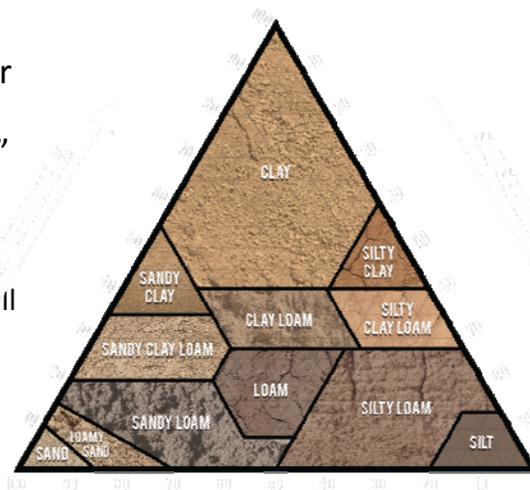
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- Variations in soil types



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- Depth of soil to bedrock
- Variations in soil types
- or, any combination of those

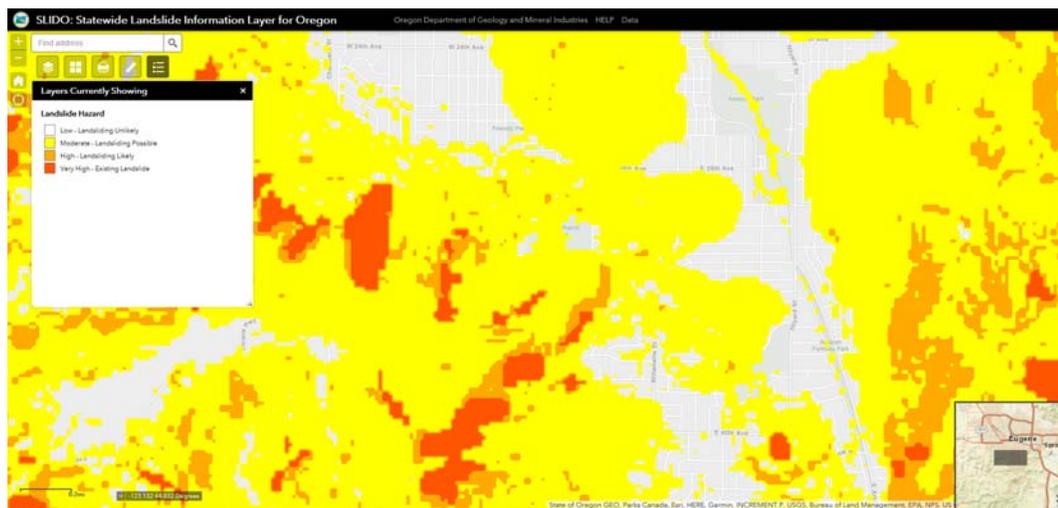


Geotechnical Requirement (COS-13)

Possible Actions

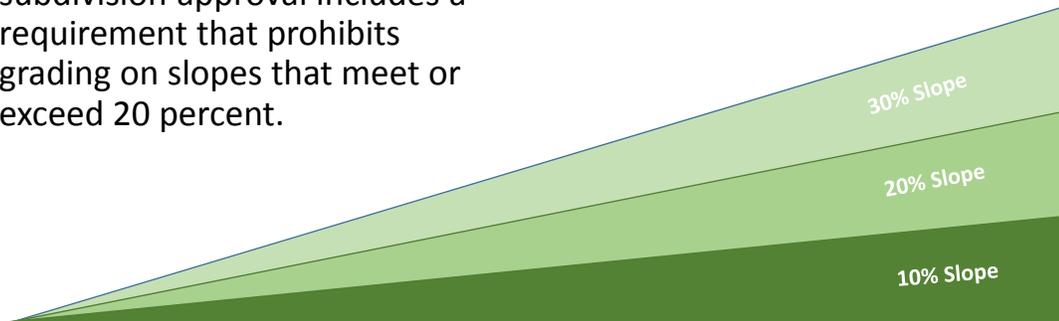
- No change
- Establish a clear and objective multi-level review with increasing complexity depending on potential for impacts
- Revise current requirement to address geologic formations, soil types, the presence of open drainage ways, and the existence of undocumented fill
- OR...?

Questions related to Geotechnical Requirement (COS-13)



20 Percent Grading Prohibition (COS-02)

The clear and objective track for planned unit development and subdivision approval includes a requirement that prohibits grading on slopes that meet or exceed 20 percent.



20 Percent Grading Prohibition (COS-02)

“Buildable” slopes:

- No grading prohibition under discretionary track
- State standards for BLI = 25%
- Eugene’s BLI = 30%



20 Percent Grading Prohibition (COS-02)

Possible Concepts

- No change
- Increase the percentage limit to 25% or 30%
- Retain 20% grading prohibition, but exempt certain grading activities and codify how slope is measured
- Eliminate the 20% grading prohibition and rely on the geotechnical review requirements
- Replace with a new requirement to address soil erosion and slope failure
- OR...

Questions related to 20 Percent Grading Prohibition (COS-02)

