

Geology and Soils Discipline Report Checklist

Project Name: _____ Job Number: _____

Contact Name: _____

Date Received: _____ Date Reviewed: _____ Reviewer: _____

(SAT = Satisfactory; INC = Incomplete; MIS = Missing; N/A = Not Applicable)

Answers are required for questions which have no N/A box.

A Geology and Soils Discipline Report can be highly detailed or extremely concise depending upon whether the level of impact or controversy is substantial or minimal. Project teams should take care to “right-size” the discipline report so it adequately addresses the impacts and controversy without over-analyzing or providing unnecessary information.

I. Summary

SAT INC MIS N/A

- A. Presents significant environmental impacts, identified hazards, and mitigation recommendations in non-technical terms.
 - B. Summary is written in **Plain Talk** language and is suitable for incorporation into the environmental document (EIS, EA, or DCE), for presentation at public hearings, or for use by management and policy groups in decision-making.
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II. Studies and Coordination

Included the sources of information used, such as:

SAT INC MIS N/A

- A. U.S. Geological Survey topographic and geologic maps; Department of Natural Resources Geology and Natural Resource Division Geologic Maps.
- B. National Resource Conservation Service County Soil Survey(s).
- C. Department of Ecology's Coastal Zone Atlas of Washington.
- D. County Geologic Hazard and Critical/Sensitive Areas maps.
- E. Published reports, studies and boring logs from past projects and adjacent development.
- F. Field review of site.
- G. Coordination with appropriate federal, state, and local agencies and tribes.

III. Affected Environment

Discuss as appropriate:

SAT INC MIS N/A

- A. General topographic and geologic setting and significant features and landforms.
 - B. Soil types and relevant soil properties and site limitations.
 - C. Geologic hazards identified including:
 - erosion hazards
 - landslide hazards
 - seismic hazards
 - volcanic hazards
 - other geologic hazard (e.g., subsidence, rockfall)
 - D. Hazard identification incorporates local critical/sensitive area ordinances where they exist.
 - E. Describe source area (existing and potential) for construction materials (e.g., borrow, aggregate, topsoil) in the vicinity of the project.
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IV. Impacts

Describe:

SAT INC MIS N/A

- A. Predicted direct construction and operational impacts of all project alternatives on geologic and soil condition, identified hazards, and economic resources.
- B. Predicted impacts of identified geologic hazards on project alternatives.
- C. Indirect and cumulative impacts of project alternatives on geologic and soil condition, identified hazards, and economic resources.

V. Mitigation

Describe:

SAT INC MIS N/A

- A. Mitigation measures, commitments, and monitoring procedures associated with impacts described in IV above.
- B. Mitigation measures considered or available but not included, with reasons why.

General Comments: _____

