



**City of Los Angeles
SOIL/GEOLOGY REPORT CORRECTION LIST**

LOG# _____	DATE _____	SOIL/GEOLOGY FILE - 2
JOB ADDRESS _____		DISTRICT OFFICE _____
TRACT _____		COUNTY REF. # _____
BLOCK _____		
LOT _____		ARB _____
CURRENT REPORT _____		DATED _____
CURRENT REPORT _____		DATED _____
OVERSIZED DOCUMENTS	X-REF _____	DATED _____
PREVIOUS REPORT(S) _____		DATED _____
PREVIOUS REPORT(S) _____		DATED _____
PROJECT DESCRIPTION/COMMENTS _____		
REVIEWED BY _____		TELEPHONE _____
REVIEWED BY _____		TELEPHONE _____

The geology/soil engineering report(s) have been reviewed by the Grading Section of the Department and you are advised that the approval of the report(s) is withheld for the reasons hereinafter set forth. The approval of the reports will not permit the violation of any section of the Building Code, or other local ordinance or state law.

NOTE: Numbers in parenthesis () refer to Code sections of the 1999 edition of the City of Los Angeles Building Code, Information Bulletin (P/BC).

INSTRUCTIONS

- Corrections with circled item numbers apply to this report review.
- Submit three copies of the report to the grading section and fill out a new Application for Review. At least one copy of the report shall be an original with wet signatures.
- Reports submitted six months after the date of this letter will be assessed a review fee.
- Call for an appointment with the report reviewer(s) to submit the report? 9 YES 9 NO

APPLICATION

fee of \$338.00 paid before filing of the map..

1. The fee paid is not correct for the type of report submitted. A fee difference of \$ _____ will be required for the review.
2. Show the project address on the report.
3. File the proposed subdivision with the Department of City Planning before submittal of the revised reports to the Grading Section. Four copies of the subdivision map shall be stamped by the Grading Section and the

GENERAL

4. Provide geologic cross-section(s) for the slope stability analyses.
5. Revise the geologic map and cross-sections to show all existing and proposed structures, property lines, natural slopes, graded slopes, exploration data and _____.

6. The cross-sections shall be extended to show the entire slope.
7. Provide a statement of responsibility for using the data contained in other consultants reports and accepting the responsibility for using these data or perform additional exploration.
8. Provide recommendations for mitigating the portion of the slope having a factor of safety of less than 1.5; the minimum required by the Code.
9. Clarify how roof and pad drainage will be conducted to the streets and show any proposed easement.
10. Provide recommendations for providing the required building/pool setback from the toe of the ascending slope as specified by Code Section 91.1806.4.2.

LABORATORY TESTING

11. Provide the moisture and density for all shear tests to demonstrate saturation at the time of shearing.
12. Perform additional laboratory testing to determine the residual shear strength of the underlying old topsoil which, if lower than the shear strength of the existing fill, shall be used in the lateral design of the piles and/or slope stability analyses.
13. Provide a responsibility statement of adapting the laboratory results performed by another testing laboratory.
14. The reported shear strength of the bedrock along the bedding plans appears unusually high. Provide additional testing and revise the slope stability calculations, as necessary.

SITE EXPLORATION

15. Reports are not complete due to the omission of some exploration data. Provide copies of all exploration logs that are referenced in the report.
16. Provide deep exploration that extends below the lowest unsupported bedding or foliation plane.
17. Provide deep exploration borings to determine if there are any adverse geologic conditions in the slope.
18. Provide detailed boring and/or test pit logs.

SLOPE STABILITY

19. Surficial slope stability analysis.
20. Deep-seated slope stability analysis.
21. Revise the slope stability calculation based upon the lower strength from a back calculation of the existing landslide or laboratory testing of gouge material from the landslide slip surface.
22. Revise the slope stability calculation to include the highest potential piezometric surface; this surface may be from either a groundwater table or a perched

condition on the landslide slip surface.

23. Plot the computer analyses coordinates on the geologic cross section.
24. The computer analyses was restricted such that the minimum factor of safety was not determined. Please provide additional analyses to determine the minimum factor of safety.
25. Show existing surficial and deep-seated slope failures on the geological map and cross sections and provide recommendations for stabilization.
26. Show locations of all required debris basins and/or debris channels on the map and provide design capacity recommendations in accordance with Code Section 91.7014.3.
27. Provide recommendations for mitigating the portion of the slope having a factor of safety of less than 1.5, the minimum required by the Code.

FOUNDATIONS/RETAINING WALLS

28. Design calculations and recommendations for retaining walls and/or temporary excavations; temporary excavations shall have a minimum factor of safety of 1.25.
29. Provide analyses to determine the depth to the 1.5 factor of safety plane, and provide recommendations for a minimum embedment of the foundation.
30. Provide active pressure analyses using the limit equilibrium method (free-body-diagram, and vectors) for a minimum factor of safety of 1.5.
31. Provide passive pressure analyses for conditions where it will be controlled by a descending slope, bedding or foliation planes. This shall use the limit equilibrium method (free-body-diagram, and vectors) for a minimum factor of safety of 1.5.
32. Provide an alternate recommendation for underpinning; The recommended method is not permitted for a hillside project.
33. Provide calculations to justify the maximum slot-cut width, height and surcharge conditions.

POOLS

34. Recommendations for grading fill slopes to no steeper than 2:1.
35. Recommendations for grading cut slopes to no steeper than 1.5:1.
36. Provide a copy of the City approval letter for the existing fill, which was placed after April 25, 1963.
37. Revise recommendations so that the existing fill that was placed before April 25, 1963 is not used to support new structures or fill.
38. Provide recommendations and calculation for removal and re-compaction of all landslide debris on the site.

Log #

ADDITIONAL COMMENTS
