COUNTY OF HUMBOLDT
Community Development Services • Building Division
Soils Engineering/Engineering Geology Report Checklist

All the information requested is from Chapter 18 of the 2007 CBC. Data is referenced against the USGS Seismic Hazard Curves and Uniform Hazard Response Spectra.

Note: Report shall include original/wet signature of person preparing such report

REPORT INFORMATION:

YES NO  (YES = information included; NO = additional information required or information incorrect)

☐ ☐ Assessor’s parcel number.

☐ ☐ Latitude and Longitude of proposed building site.
   Note: Show Lat/Lon as DDM/SS or DDM0.00 or DD 0000

☐ ☐ Seismic design category, site class, acceleration spectral response for short and long periods.

☐ ☐ Plot plan showing the location of all test boring and/or excavation; if part of a subdivision report to include map showing proposed parcel layout.

☐ ☐ Adequacy for the intended use of site.

☐ ☐ Description and classification of soil and complete record of soil samples.
   YES ☐ NO ☐ A record of soil profile.

☐ ☐ Elevation of the water table, if encountered.

☐ ☐ Expected total and differential settlement.

☐ ☐ If applicable specifications, installation and testing method for compacted fill. CBC Sec. 1803.5

☐ ☐ Evaluation of and mitigation for any slope instability and surface rupture due to faulting or lateral spreading resulting from earthquake motions. CBC Sec. 1802.2.6

☐ ☐ Setback recommendations from ascending and descending slopes.

☐ ☐ Foundation type and design criteria, including soil bearing capacity, provisions to minimize the effects of expansive soils and the effects of adjacent loads.

☐ ☐ If applicable provide a determination of lateral pressures on basement and retaining walls due to earthquake motions. CBC Sec. 1802.2.7 (1.)

☐ ☐ If in a mapped area of potential liquefaction provide:
   1) Evaluation of liquefaction hazard.
   2) Evaluation of potential ground displacement.
   3) Mitigate the hazard.
   CBC Sec. 1802.2.7 (2.)

☐ ☐ Additional notes on reverse side.

Review Completed ____________________________  6/17/2008