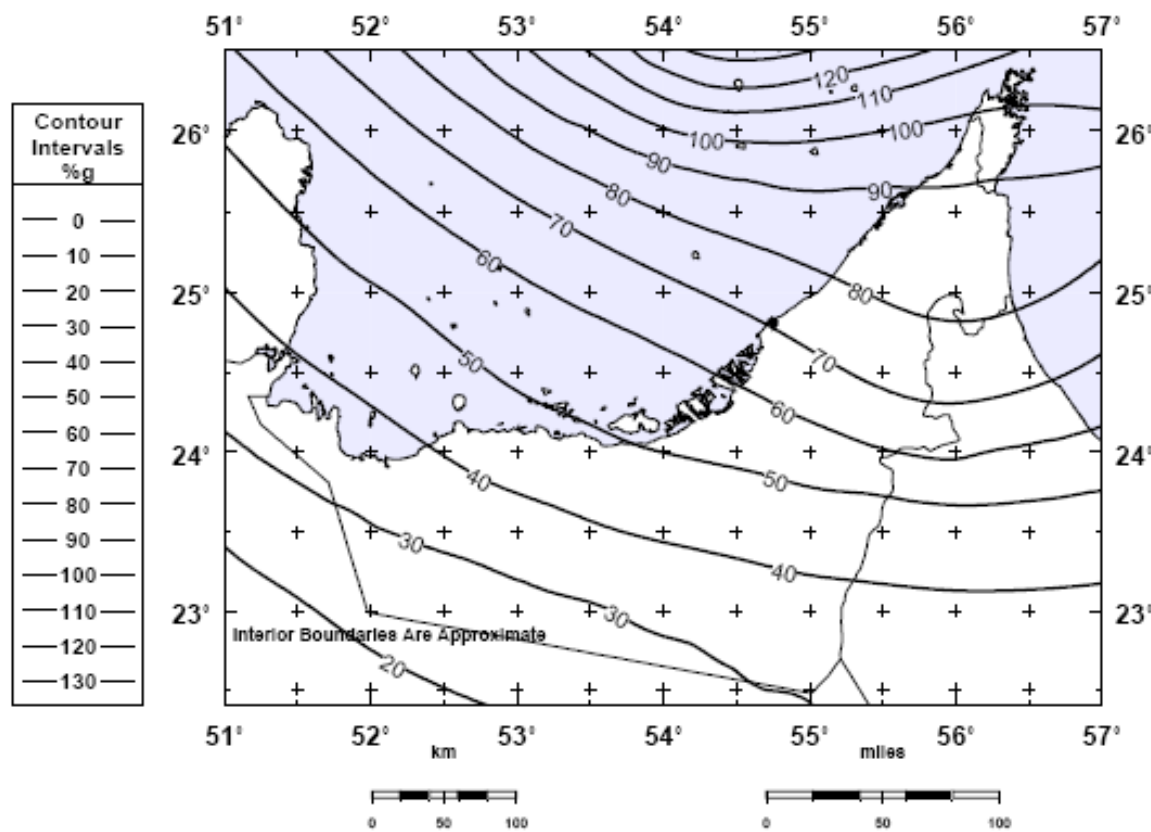


1613.5.1 Mapped acceleration parameters. The parameters S_s and S_1 shall be determined from the 0.2 and 1-second spectral response accelerations shown on Figures 1613.5(1) and 1613.5(2) respectively. Where S_1 is less than or equal to 0.04 and S_s is less than or equal to 0.15, the structure is permitted to be assigned to *Seismic Design Category A*.

1613.5.2 Site class definitions. Based on the site soil properties, the site shall be classified as either *Site Class A, B, C, D, E or F* in accordance with Table 1613.5.2. When the soil properties are not known in sufficient detail to determine the *site class*, *Site Class D* shall be used unless the *building official* or geotechnical data determines that *Site Class E or F* soil is likely to be present at the site.

FIGURE 1613.5(1) MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION FOR THE UNITED ARAB EMIRATES OF 0.2 SEC SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING), SITE CLASS B



**MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION
FOR THE UNITED ARAB EMIRATES
OF 0.2 s (S_s) SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING),
SITE CLASS B**