

2.2.4. Groundwater

CEST (1998) compiled a contour map of groundwater levels for Tehran. Water levels for over 1,000 wells were used in the compilation. Figure 2.2.4 shows the groundwater level map.

There are clear seasonal changes in the groundwater levels. The highest level is observed in February and the lowest level is observed from August to September.

The depth of the groundwater varies from place to place. However it is clear that the typical groundwater level depends on the topography and geology. The typical groundwater level for each unit can be summarised in Table 2.2.1.

Table 2.2.1 Groundwater Level for Each Topographical Unit

Topographical Unit	Eastern Study Area	Western Study Area
Hill, old Fan	Deeper than GL-100m	Deeper than GL-50m
Young fan	GL-50 –100m	-
Alluvial Plain	GL-5 –20m	GL-20 –50m

Figure 2.2.4

Groundwater Table

