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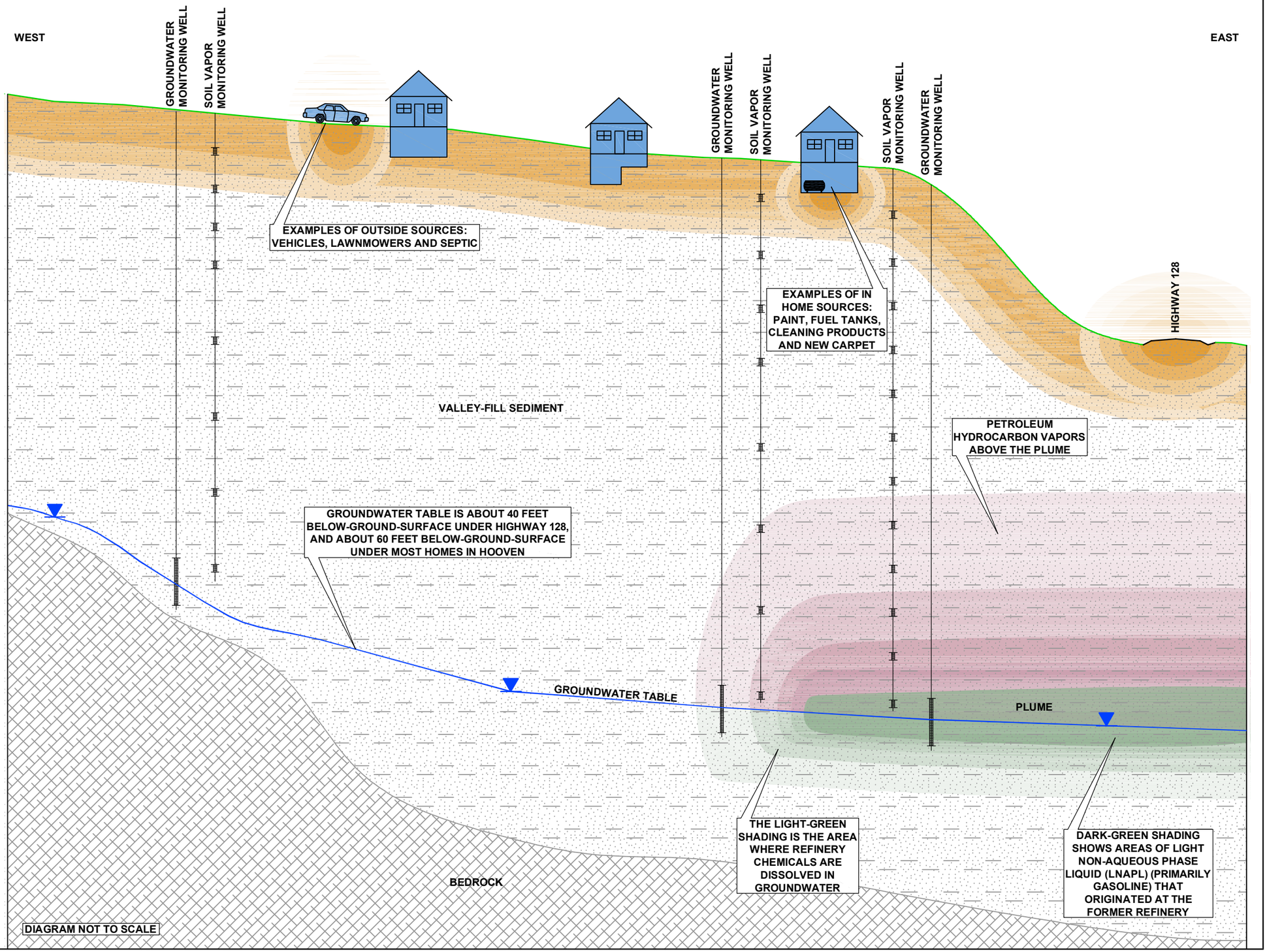
This diagram shows the general conditions under Hooven in cross section, including the geology, depth to the water table and distribution of hydrocarbons attributable to the former refinery.

Both the dissolved chemical and the vapor concentrations decrease to below detectable levels before they move very far from the LNAPL. For the vapors, concentrations decrease to below health-based screening levels a substantial distance below the ground surface.

The orange shading at various areas near the ground surface represents the zone of low concentration vapors that result from common human activities at the surface. These activities include the use of gasoline in vehicles and small engines as well as fuel oil to heat our homes.