

<b>USCS Soil-class</b>	<b>Description</b>	<b>Cohesion (kPa)</b>	<b>Friction angle (°)</b>
<b>GW</b>	well-graded gravel, fine to coarse gravel	0	40
<b>GP</b>	poorly graded gravel	0	38
<b>GM</b>	silty gravel	0	36
<b>GC</b>	clayey gravel	0	34
<b>GM-GL</b>	silty gravel	0	35
<b>GC-CL</b>	clayey gravel with many fines	3	29
<b>SW</b>	well-graded sand, fine to coarse sand	0	38
<b>SP</b>	poorly graded sand	0	36
<b>SM</b>	silty sand	0	34
<b>SC</b>	clayey sand	0	32
<b>SM-SL</b>	silty sand with many fines	0	34
<b>SC-CL</b>	clayey sand with many fines	5	28
<b>ML</b>	silt	0	33
<b>CL</b>	clay of low plasticity, lean clay	20	27
<b>CH</b>	clay of high plasticity, fat clay	25	22
<b>OL</b>	organic silt, organic clay	10	25
<b>OH</b>	organic clay, organic silt	10	22
<b>MH</b>	silt of high plasticity, elastic silt	5	24

### **Unified Soil Classification System (USCS)**

[http://en.wikipedia.org/wiki/Unified\\_Soil\\_Classification\\_System](http://en.wikipedia.org/wiki/Unified_Soil_Classification_System)