Table 10.--Engineering Index Properties

(The symbol < means less than; > means more than. Absence of an entry indicates that data were not estimated)

| Soil name and map symbol | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Frag-ments 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plas-ticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | In | | | | Pct | | | | | Pct | |
| 1*: | | | | | | | | | | | |
| Acrelane-------- | 0-6 | Very gravelly sandy loam. | SM | A-1 | 0-5 | 60-90 | 35-50 | 20-35 | 10-20 | --- | NP |
| | 6-12 | Very gravelly sandy clay loam. | SC, SC-SM, GC, GM-GC | A-2 | 0-5 | 50-80 | 30-50 | 30-45 | 15-30 | 20-30 | 5-15 |
| | 12 | Weathered bedrock | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Rock outcrop. | | | | | | | | | | | |
| 2---------- | 0-4 | Silt loam-------- | CL-ML | A-4 | 0-5 | 85-100 | 80-95 | 75-90 | 60-75 | 20-30 | 5-10 |
| Alzola | 4-9 | Cobbly silty clay loam, cobbly clay loam. | CL, GC | A-6 | 15-30 | 65-85 | 60-80 | 55-70 | 40-65 | 30-40 | 10-20 |
| | 9-14 | Very cobbly clay loam, extremely cobbly clay loam. | GC | A-2, A-6 | 30-50 | 30-65 | 25-60 | 20-55 | 15-45 | 30-40 | 10-20 |
| | 14-60 | Extremely cobbly sandy loam, very cobbly sandy loam, extremely cobbly loamy sand. | GP-GM, GM | A-1 | 30-50 | 25-50 | 20-45 | 10-30 | 5-15 | 15-20 | NP-5 |
| 3*: | | | | | | | | | | | |
| Alzola---------- | 0-4 | Stony loam------- | SM, SC-SM, GM, GM-GC | A-4 | 10-25 | 65-80 | 60-75 | 50-65 | 40-50 | 25-35 | 5-10 |
| | 4-15 | Cobbly silty clay loam. | CL, ML | A-6, A-7 | 15-35 | 75-90 | 70-85 | 65-80 | 60-75 | 35-45 | 10-20 |
| | 15-22 | Very cobbly clay loam. | GC, GM-GC, CL-ML, CL | A-4, A-6 | 15-35 | 60-85 | 55-80 | 45-70 | 35-60 | 25-40 | 5-15 |
| | 22-60 | Very cobbly sandy loam, extremely cobbly loamy sand. | GP-GM, GM | A-1 | 30-50 | 25-50 | 20-45 | 10-30 | 5-15 | 15-20 | NP-5 |
| Troughs--------- | 0-6 | Stony loam------- | ML, CL-ML, SM, SC-SM | A-4 | 10-25 | 75-90 | 70-85 | 60-75 | 40-60 | 25-35 | 5-10 |
| | 6-18 | Very cobbly loam, very gravelly loam. | GM, GM-GC | A-4 | 30-50 | 55-75 | 50-70 | 40-60 | 35-50 | 25-35 | 5-10 |
| | 18-40 | Indurated-------- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 40 | Unweathered bedrock. | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bigflat--------- | 0-7 | Stony loam------- | CL, ML, SC, SM | A-4, A-6 | 5-15 | 80-95 | 75-90 | 60-80 | 40-65 | 30-40 | 5-15 |
| | 7-20 | Cobbly clay, cobbly clay loam, clay. | CL, CH | A-7 | 5-15 | 85-95 | 80-90 | 75-85 | 60-80 | 40-60 | 15-30 |
| | 20-44 | Cobbly loam, cobbly fine sandy loam, gravelly fine sandy loam. | SM, SC-SM, GM, GM-GC | A-4 | 5-20 | 65-85 | 60-80 | 45-70 | 35-50 | 20-30 | NP-10 |
| | 44-60 | Cemented--------- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

See footnote at end of table.