HIGHLY ERODIBLE LANDS REPORT
Survey Area- SALCHA-BIG DELTA AREA, ALASKA

| Map Symbol | Soil Mapunit Name | HEL Classifications — Salcha C=1 R=35 | | | Delta C=29 R=30 | | |
|---|---|---|---|---|---|---|---|
| | | wnd | wat | mu | wnd | wat | mu |
| BaA | BEALES SILT LOAM, NEARLY LEVEL | 3 | 3 | | 1 | 3 | |
| BaB | BEALES SILT LOAM, UNDULATING | 3 | 2 | | 1 | 2 | |
| BaC | BEALES SILT LOAM, ROLLING | 3 | 1 | | 1 | 1 | |
| BaE | BEALES SILT LOAM, MODERATELY STEEP | 3 | 1 | | 1 | 1 | |
| Br | BRADWAY VERY FINE SANDY LOAM | 3 | 3 | | 3 | 3 | |
| ChA | CHENA VERY FINE SANDY LOAM, NEARLY LEVEL | 3 | 3 | | 1 | 3 | |
| CnA | CHENA SILT LOAM, NEARLY LEVEL | 3 | 3 | | 1 | 3 | |
| CnB | CHENA SILT LOAM, UNDULATING | 3 | 2 | | 1 | 2 | |
| EsD | ESTER SILT LOAM, STRONGLY SLOPING | 3 | 2 | | 3 | 2 | |
| EsE | ESTER SILT LOAM, MODERATELY STEEP | 3 | 2 | | 3 | 2 | |
| EsF | ESTER SILT LOAM, STEEP | 3 | 1 | | 3 | 1 | |
| FaB | FAIRBANKS SILT LOAM, GENTLY SLOPING | 3 | 3 | | 3 | 3 | |
| FaC | FAIRBANKS SILT LOAM, MODERATELY SLOPING | 3 | 2 | | 3 | 3 | |
| FaD | FAIRBANKS SILT LOAM, STRONGLY SLOPING | 3 | 2 | | 3 | 2 | |
| FaE | FAIRBANKS SILT LOAM, MODERATELY STEEP | 3 | 1 | | 3 | 1 | |
| FaF | FAIRBANKS SILT LOAM, STEEP | 3 | 1 | | 3 | 1 | |
| GmC | GILMORE SILT LOAM, MODERATELY SLOPING | 3 | 1 | | 1 | 1 | |
| GmD | GILMORE SILT LOAM, STRONGLY SLOPING | 3 | 1 | | 1 | 1 | |
| GmE | GILMORE SILT LOAM, MODERATELY STEEP | 3 | 1 | | 1 | 1 | |
| GmF | GILMORE SILT LOAM, STEEP | 3 | 1 | | 1 | 1 | |
| GrF | GILMORE SILT LOAM, VERY SHALLOW, STEEP | 3 | 1 | | 1 | 1 | |
| GtA | GOLDSTREAM SILT LOAM, NEARLY LEVEL | 3 | 3 | | 3 | 3 | |
| GtB | GOLDSTREAM SILT LOAM, GENTLY SLOPING | 3 | 3 | | 3 | 3 | |
| GuA | GOLDSTREAM SILT LOAM, GRAVELLY SUBSOIL VARIAN NEARLY LEVEL | 3 | 3 | | 3 | 3 | |
| Ja | JARVIS VERY FINE SANDY LOAM, MODERATELY DEEP | 3 | 3 | | 1 | 3 | |
| Js | JARVIS VERY FINE SANDY LOAM, SHALLOW | 3 | 3 | | 1 | 3 | |
| Lp | LEMETA PEAT | 3 | 3 | | 3 | 3 | |
| MnA | MINTO SILT LOAM, NEARLY LEVEL | 3 | 3 | | 3 | 3 | |
| MnB | MINTO SILT LOAM, GENTLY SLOPING | 3 | 3 | | 3 | 3 | |
| MnC | MINTO SILT LOAM, MODERATELY SLOPING | 3 | 2 | | 3 | 3 | |
| MnD | MINTO SILT LOAM, STRONGLY SLOPING | 3 | 2 | | 3 | 2 | |
| NaA | NENANA SILT LOAM, NEARLY LEVEL | 3 | 3 | | 1 | 3 | |
| NaB | NENANA SILT LOAM, GENTLY SLOPING | 3 | 2 | | 1 | 2 | |
| NaC | NENANA SILT LOAM, MODERATELY SLOPING | 3 | 1 | | 1 | 1 | |
| NaD | NENANA SILT LOAM, STRONGLY SLOPING | 3 | 1 | | 1 | 1 | |
| NeA | NENANA SILT LOAM, SANDY SUBSOIL, NEARLY LEVEL | 3 | 3 | | 1 | 3 | |
| NeB | NENANA SILT LOAM, SANDY SUBSOIL, UNDULATING | 3 | 2 | | 1 | 2 | |
| NeC | NENANA SILT LOAM, SANDY SUBSOIL, ROLLING | 3 | 1 | | 1 | 1 | |
| RcA | RICHARDSON SILT LOAM, NEARLY LEVEL | 3 | 3 | | 1 | 3 | |
| Sc | SALCHAKET VERY FINE SANDY LOAM | 3 | 3 | | 1 | 3 | |
| SuB | SAULICH SILT LOAM, GENTLY SLOPING | 3 | 3 | | 3 | 3 | |
| SuC | SAULICH SILT LOAM, MODERATELY SLOPING | 3 | 3 | | 3 | 3 | |
| SuD | SAULICH SILT LOAM, STRONGLY SLOPING | 3 | 2 | | 3 | 2 | |
| SvC | STEESE SILT LOAM, MODERATELY SLOPING | 3 | 2 | | 1 | 2 | |
| SvD | STEESE SILT LOAM, STRONGLY SLOPING | 3 | 1 | | 1 | 1 | |
| SvE | STEESE SILT LOAM, MODERATELY STEEP | 3 | 1 | | 1 | 1 | |
| SvF | STEESE SILT LOAM, STEEP | 3 | 1 | | 1 | 1 | |
| Ta | TANANA SILT LOAM | 3 | 3 | | 3 | 3 | |
| Tn | TANANA SILT LOAM, SANDY SUBSOIL VARIANT | 3 | 3 | | 1 | 3 | |
| VkA | VOLKMAR SILT LOAM, NEARLY LEVEL | 3 | 3 | | 1 | 3 | |
| VkB | VOLKMAR SILT LOAM, GENTLY SLOPING | 3 | 2 | | 1 | 2 | |
| VmA | VOLKMAR SILT LOAM, SANDY SUBSOIL, NEARLY LEVE | 3 | 3 | | 1 | 3 | |

SOILS THAT ARE HIGHLY OR POTENTIALLY HIGHLY ERODIBLE
FOR SOIL SURVEY AREA - 606 - Salcha Area, thawed

| MAP SYMBOL | SOIL MAP UNIT NAME | HEL CLASS WIND | WATER |
|---|---|---|---|
| EsD,t | ESTER SILT LOAM, STRONGLY SLOPING | 3 | 1 |
| EsE,t | ESTER SILT LOAM, MODERATELY STEEP | 3 | 1 |
| EsF,t | ESTER SILT LOAM, STEEP | 3 | 1 |
| GtB,t | GOLDSTREAM SILT LOAM, GENTLY SLOPING | 3 | 2 |
| MnC,t | MINTO SILT LOAM, MODERATELY SLOPING | 3 | 2 |
| MnD,t | MINTO SILT LOAM, STRONGLY SLOPING | 3 | 2 |
| SuB,t | SAULICH SILT LOAM, GENTLY SLOPING | 3 | 2 |
| SuC,t | SAULICH SILT LOAM, MODERATELY SLOPING | 3 | 1 |
| SuD,t | SAULICH SILT LOAM, STRONGLY SLOPING | 3 | 1 |

NOTE: This report assumes all soils are thawed below 40 inches and the surface layers are drained. T factors must be determined by on-site investigation. T values from frozen units were used.