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**July 16, 2007**

**CALIFORNIA TECHNICAL GUIDE**
**450-VI**
**TECHNICAL GUIDE NOTICE NO.92**

**SUBJECT:** TECHNICAL GUIDE SECTION II – Revised HEL (Highly Erodible Land) List, Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668).

**Purpose:** To transmit the HEL list for Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668).

**Effective Date:** Effective upon receipt.

**Background:** This revised list is the official Highly Erodible Land (HEL) list for Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668).This list is used to support the conservation provisions of the 1985 Farm Bill known as the Food Security Act (FSA) of 1985. Separate lists were prepared for each Soil Survey Area found within the USDA Service Center service area.

The primary use of each list is for performing HEL Determinations in response to AD-1026 requests from the USDA Farm Service Agency. They are the official source of RUSLE2 (Revised Universal Soil Loss Equation) "Kf" and "T" and WEQ (Wind Erosion Equation) "I" factors used to make HEL determinations.

**Filing Instructions:** The HEL list is to be filed in Section II of the FOTG, and is also located in the HEL (Highly Erodible Land) lists folder under Section II - Natural Resources Information of the eFOTG (Electronic Field Office Technical Guide).

Diane B. Holcomb

DIANE HOLCOMB
State Resource Conservationist

Enclosures

DIST: electronically through section II of the Electronic Field Office Technical Guide (eFOTG)

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 115 | Chanac | 85 | 48 | 25 | 35 | 50 | 5 | 0.32 | 15 | 15 | 20 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 3.36 | 8.33 | 8.33 | 6.25 | | PHEL | | NHEL |
| 128 | Pits | 35 | -- | 50 | 90 | 110 | 0 | 0 | 10 | 15 | 15 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 128 | Delano | 30 | 38 | 50 | 90 | 110 | 5 | 0.28 | 10 | 15 | 15 | 1 | 5 | 100 | 700 | 0.128 | 1.413 | 6.84 | 14.29 | 9.52 | 9.52 | | NHEL | | NHEL |
| 136 | Hesperia | 75 | 86 | 40 | 45 | 50 | 5 | 0.24 | 20 | 20 | 20 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | 7.74 | 8.33 | 8.33 | 8.33 | | NHEL | | NHEL |
| 138 | Hesperia | 85 | 86 | 25 | 65 | 110 | 5 | 0.32 | 10 | 15 | 25 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 11.18 | 12.50 | 8.33 | 5.00 | | NHEL | | HEL |
| 139 | Riverwash | 80 | 0 | 30 | 50 | 100 | 0 | 0 | 15 | 20 | 20 | 0 | 5 | 50 | 300 | 0.06 | 0.924 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 143 | Calicreek | 85 | 134 | 50 | 90 | 110 | 5 | 0.17 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 24.12 | 23.53 | 23.53 | 23.53 | | NHEL | | HEL |
| 144 | Calicreek | 85 | 86 | 40 | 75 | 110 | 5 | 0.24 | 10 | 10 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 12.90 | 16.67 | 16.67 | 11.11 | | NHEL | | HEL |
| 145 | Delano | 85 | 134 | 50 | 95 | 110 | 5 | 0.32 | 10 | 10 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 25.46 | 12.50 | 12.50 | 8.33 | | NHEL | | HEL |
| 146 | Delano | 80 | 38 | 40 | 70 | 110 | 5 | 0.28 | 10 | 15 | 15 | 0 | 2 | 151 | 600 | 0.075 | 0.344 | 5.32 | 14.29 | 9.52 | 9.52 | | NHEL | | NHEL |
| 147 | Chanac | 80 | 48 | 25 | 35 | 50 | 5 | 0.32 | 15 | 15 | 15 | 2 | 9 | 50 | 600 | 0.162 | 2.868 | 3.36 | 8.33 | 8.33 | 8.33 | | NHEL | | NHEL |
| 148 | Delano | 85 | 38 | 40 | 75 | 110 | 5 | 0.28 | 10 | 10 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 5.70 | 14.29 | 14.29 | 9.52 | | NHEL | | NHEL |
| 149 | Delano | 85 | 86 | 50 | 90 | 110 | 5 | 0.28 | 10 | 10 | 15 | 5 | 9 | 108 | 550 | 0.556 | 2.748 | 15.48 | 14.29 | 14.29 | 9.52 | | NHEL | | HEL |
| 150 | Pits | 50 | 0 | 40 | 60 | 100 | 0 | 0 | 20 | 20 | 20 | 0 | 5 | 10 | 100 | 0.044 | 0.53 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 150 | Dumps | 40 | 0 | 40 | 60 | 100 | 0 | 0 | 20 | 20 | 20 | 0 | 10 | 10 | 100 | 0.044 | 1.345 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 152 | Pleito | 85 | 56 | 50 | 85 | 110 | 5 | 0.28 | 10 | 15 | 15 | 2 | 5 | 100 | 600 | 0.2 | 1.31 | 9.52 | 14.29 | 9.52 | 9.52 | | NHEL | | HEL |
| 153 | Chanac | 85 | 48 | 25 | 35 | 50 | 5 | 0.32 | 15 | 15 | 15 | 9 | 15 | 50 | 500 | 0.821 | 5.279 | 3.36 | 8.33 | 8.33 | 8.33 | | NHEL | | NHEL |
| 154 | Dam | 100 | -- | 0 | 5 | 5 | 0 | 0 | 30 | 35 | 40 | 0 | 999 | 0 | 0 | 0.00 | 0.00 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 166 | Delano | 60 | 38 | 50 | 85 | 110 | 5 | 0.28 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 6.46 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 166 | Urban land | 20 | -- | 50 | 85 | 110 | 0 | 0 | 10 | 10 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 174 | Xeric Torriorthents | 45 | 86 | 25 | 35 | 50 | 5 | 0.43 | 15 | 20 | 25 | 15 | 60 | 50 | 250 | 1.658 | 19.827 | 6.02 | 6.20 | 4.65 | 3.72 | | PHEL | | NHEL |
| 174 | Calcic Haploxerepts | 40 | 38 | 25 | 35 | 50 | 5 | 0.43 | 15 | 20 | 25 | 15 | 60 | 50 | 250 | 1.658 | 19.827 | 2.66 | 6.20 | 4.65 | 3.72 | | PHEL | | NHEL |
| 176 | Elkhills | 75 | 86 | 50 | 90 | 110 | 5 | 0.17 | 15 | 15 | 15 | 9 | 50 | 50 | 300 | 0.821 | 18.21 | 15.48 | 15.69 | 15.69 | 15.69 | | PHEL | | HEL |
| 177 | Chanac | 55 | 56 | 40 | 55 | 100 | 5 | 0.24 | 15 | 20 | 20 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 6.16 | 11.11 | 8.33 | 8.33 | | PHEL | | NHEL |
| 177 | Torriorthents | 25 | 86 | 40 | 55 | 100 | 5 | 0.28 | 15 | 20 | 20 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 9.46 | 9.52 | 7.14 | 7.14 | | PHEL | | HEL |
| 178 | Delano | 40 | 38 | 40 | 85 | 110 | 5 | 0.24 | 10 | 15 | 20 | 5 | 9 | 100 | 550 | 0.53 | 2.748 | 6.46 | 16.67 | 11.11 | 8.33 | | NHEL | | NHEL |
| 178 | * Cuyama | 25 | 86 | 40 | 85 | 110 | 5 | 0.32 | 10 | 15 | 20 | 5 | 30 | 50 | 300 | 0.375 | 10.144 | 14.62 | 12.50 | 8.33 | 6.25 | NHEL | PHEL | | HEL |
| 179 | Torriorthents | 50 | 86 | 40 | 75 | 110 | 5 | 0.28 | 15 | 20 | 20 | 9 | 50 | 50 | 400 | 0.821 | 21.085 | 12.90 | 9.52 | 7.14 | 7.14 | | PHEL | | HEL |
| 179 | Elkhills | 30 | 48 | 40 | 75 | 110 | 5 | 0.28 | 15 | 20 | 20 | 9 | 50 | 50 | 400 | 0.821 | 21.085 | 7.20 | 9.52 | 7.14 | 7.14 | | PHEL | | NHEL |
| 183 | Water | 100 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 184 | Cuyama | 85 | 86 | 40 | 65 | 110 | 5 | 0.28 | 15 | 15 | 15 | 2 | 5 | 100 | 600 | 0.2 | 1.31 | 11.18 | 9.52 | 9.52 | 9.52 | | NHEL | | HEL |
| 185 | Brecken | 40 | 86 | 10 | 55 | 110 | 5 | 0.24 | 10 | 15 | 20 | 15 | 60 | 50 | 300 | 1.658 | 21.695 | 9.46 | 16.67 | 11.11 | 8.33 | | PHEL | | HEL |
| 185 | * Cuyama | 20 | 86 | 10 | 55 | 110 | 5 | 0.28 | 10 | 15 | 20 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 9.46 | 14.29 | 9.52 | 7.14 | NHEL | PHEL | | HEL |
| 185 | Pleito | 20 | 48 | 10 | 55 | 110 | 5 | 0.37 | 10 | 15 | 20 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 5.28 | 10.81 | 7.21 | 5.41 | | PHEL | | NHEL |
| 186 | Cuyama | 85 | 56 | 40 | 60 | 100 | 5 | 0.43 | 15 | 15 | 15 | 9 | 15 | 50 | 500 | 0.821 | 5.279 | 6.72 | 6.20 | 6.20 | 6.20 | | NHEL | | NHEL |
| 187 | * Trigo | 50 | 86 | 20 | 35 | 50 | 2 | 0.37 | 15 | 20 | 30 | 15 | 60 | 50 | 300 | 1.658 | 21.695 | 15.05 | 2.88 | 2.16 | 1.44 | | PHEL | HEL | HEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 187 | Chanac | 35 | 86 | 20 | 35 | 50 | 5 | 0.28 | 15 | 20 | 30 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 6.02 | 9.52 | 7.14 | 4.76 | | PHEL | | NHEL |
| 188 | Tweedy | 50 | 86 | 5 | 5 | 5 | 3 | 0.28 | 30 | 35 | 45 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 1.43 | 2.86 | 2.45 | 1.90 | | PHEL | | NHEL |
| 188 | Tollhouse | 20 | 86 | 5 | 5 | 5 | 2 | 0.28 | 30 | 35 | 45 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 2.15 | 1.90 | 1.63 | 1.27 | | PHEL | | NHEL |
| 188 | Locobill | 15 | 86 | 5 | 5 | 5 | 3 | 0.32 | 30 | 35 | 45 | 9 | 30 | 0 | 0 | 0 | 0 | 1.43 | 2.50 | 2.14 | 1.67 | | ---- | | NHEL |
| 189 | Tweedy | 40 | 86 | 5 | 15 | 25 | 3 | 0.28 | 25 | 30 | 40 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 4.30 | 3.43 | 2.86 | 2.14 | | HEL | | NHEL |
| 189 | Walong | 35 | 86 | 5 | 15 | 25 | 3 | 0.28 | 25 | 30 | 40 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 4.30 | 3.43 | 2.86 | 2.14 | | HEL | | NHEL |
| 192 | Chanac | 55 | 56 | 10 | 50 | 110 | 5 | 0.28 | 10 | 20 | 30 | 5 | 30 | 0 | 0 | 0 | 0 | 5.60 | 14.29 | 7.14 | 4.76 | | ---- | | NHEL |
| 192 | Pleito | 30 | 56 | 10 | 50 | 110 | 5 | 0.24 | 10 | 20 | 30 | 5 | 30 | 0 | 0 | 0 | 0 | 5.60 | 16.67 | 8.33 | 5.56 | | ---- | | NHEL |
| 193 | Chanac | 50 | 56 | 20 | 40 | 110 | 5 | 0.24 | 10 | 20 | 25 | 2 | 5 | 100 | 600 | 0.2 | 1.31 | 4.48 | 16.67 | 8.33 | 6.67 | | NHEL | | NHEL |
| 193 | Pleito | 30 | 56 | 20 | 40 | 110 | 5 | 0.24 | 10 | 20 | 25 | 2 | 5 | 100 | 600 | 0.2 | 1.31 | 4.48 | 16.67 | 8.33 | 6.67 | | NHEL | | NHEL |
| 194 | Delvar | 40 | 56 | 20 | 35 | 100 | 5 | 0.2 | 15 | 15 | 15 | 2 | 15 | 100 | 550 | 0.2 | 5.55 | 3.92 | 13.33 | 13.33 | 13.33 | | NHEL | | NHEL |
| 194 | Pleito | 40 | 56 | 20 | 35 | 100 | 5 | 0.32 | 15 | 15 | 15 | 2 | 15 | 100 | 550 | 0.2 | 5.55 | 3.92 | 8.33 | 8.33 | 8.33 | | NHEL | | NHEL |
| 195 | Centerville | 60 | 86 | 20 | 25 | 30 | 3 | 0.2 | 15 | 20 | 20 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 7.17 | 8.00 | 6.00 | 6.00 | | PHEL | | NHEL |
| 195 | Delvar | 20 | 48 | 20 | 25 | 30 | 5 | 0.28 | 15 | 20 | 20 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 2.40 | 9.52 | 7.14 | 7.14 | | PHEL | | NHEL |
| 196 | * Exeter | 75 | 86 | 25 | 30 | 50 | 2 | 0.32 | 15 | 15 | 20 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | 12.90 | 3.33 | 3.33 | 2.50 | | NHEL | PHEL | HEL |
| 197 | Nord | 85 | 86 | 20 | 35 | 100 | 5 | 0.24 | 15 | 20 | 25 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 6.02 | 11.11 | 8.33 | 6.67 | | NHEL | | NHEL |
| 198 | Centerville | 65 | 86 | 20 | 25 | 30 | 3 | 0.2 | 15 | 15 | 20 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | 7.17 | 8.00 | 8.00 | 6.00 | | NHEL | | NHEL |
| 198 | Delvar | 20 | 48 | 20 | 25 | 30 | 5 | 0.28 | 15 | 15 | 20 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | 2.40 | 9.52 | 9.52 | 7.14 | | NHEL | | NHEL |
| 199 | Exeter | 80 | 86 | 25 | 30 | 30 | 2 | 0.32 | 15 | 15 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 12.90 | 3.33 | 3.33 | 3.33 | | NHEL | | HEL |
| 200 | Urban land | 60 | -- | 100 | 105 | 110 | 0 | 0 | 10 | 10 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 200 | Delano | 25 | 38 | 100 | 105 | 110 | 5 | 0.28 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 7.98 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 201 | Chanac | 30 | 56 | 20 | 30 | 50 | 5 | 0.43 | 15 | 20 | 25 | 5 | 30 | 100 | 400 | 0.53 | 11.746 | 3.36 | 6.20 | 4.65 | 3.72 | | PHEL | | NHEL |
| 201 | Pleito | 30 | 56 | 20 | 30 | 50 | 5 | 0.24 | 15 | 20 | 25 | 5 | 30 | 100 | 400 | 0.53 | 11.746 | 3.36 | 11.11 | 8.33 | 6.67 | | PHEL | | NHEL |
| 201 | Raggulch | 30 | 86 | 20 | 30 | 50 | 1 | 0.28 | 15 | 20 | 25 | 5 | 30 | 100 | 400 | 0.53 | 11.746 | 25.80 | 1.90 | 1.43 | 1.14 | | PHEL | | HEL |
| 205 | Pleito | 40 | 48 | 20 | 35 | 50 | 5 | 0.32 | 15 | 20 | 25 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 3.36 | 8.33 | 6.25 | 5.00 | | PHEL | | NHEL |
| 205 | Trigo | 25 | 86 | 20 | 35 | 50 | 2 | 0.37 | 15 | 20 | 25 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 15.05 | 2.88 | 2.16 | 1.73 | | PHEL | | HEL |
| 205 | Chanac | 20 | 56 | 20 | 35 | 50 | 5 | 0.37 | 15 | 20 | 25 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 3.92 | 7.21 | 5.41 | 4.32 | | PHEL | | NHEL |
| 207 | Whitewolf | 85 | 134 | 50 | 100 | 110 | 5 | 0.24 | 10 | 10 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 26.80 | 16.67 | 16.67 | 11.11 | | NHEL | | HEL |
| 209 | Whitewolf | 85 | 134 | 20 | 50 | 110 | 5 | 0.24 | 10 | 15 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 13.40 | 16.67 | 11.11 | 11.11 | | NHEL | | HEL |
| 210 | Kernfork | 85 | 86 | 5 | 5 | 10 | 5 | 0.17 | 15 | 30 | 60 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | 0.86 | 15.69 | 7.84 | 3.92 | | NHEL | | NHEL |
| 212 | Kernfork | 80 | 86 | 5 | 5 | 5 | 5 | 0.15 | 20 | 30 | 55 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | 0.86 | 13.33 | 8.89 | 4.85 | | NHEL | | NHEL |
| 213 | Calicreek | 85 | 134 | 40 | 75 | 110 | 5 | 0.2 | 10 | 15 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 20.10 | 20.00 | 13.33 | 13.33 | | NHEL | | HEL |
| 215 | Kelval | 85 | 134 | 5 | 5 | 5 | 5 | 0.1 | 15 | 20 | 40 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | 1.34 | 26.67 | 20.00 | 10.00 | | NHEL | | NHEL |
| 216 | Inyo | 60 | 86 | 5 | 5 | 20 | 5 | 0.1 | 15 | 25 | 60 | 0 | 5 | 200 | 600 | 0.08 | 1.31 | 0.86 | 26.67 | 16.00 | 6.67 | | NHEL | | NHEL |
| 216 | Riverwash | 25 | -- | 5 | 5 | 20 | 0 | 0 | 15 | 25 | 60 | 1 | 5 | 200 | 600 | 0.16 | 1.31 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 217 | Whitewolf | 55 | 86 | 25 | 65 | 110 | 5 | 0.15 | 10 | 15 | 15 | 0 | 5 | 200 | 600 | 0.08 | 1.31 | 11.18 | 26.67 | 17.78 | 17.78 | | NHEL | | HEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | Riverwash | 25 | -- | 25 | 65 | 110 | 0 | 0 | 10 | 15 | 15 | 0 | 3 | 200 | 600 | 0.08 | 0.491 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 220 | Aquents | 40 | 86 | 5 | 5 | 5 | 5 | 0.32 | 15 | 25 | 40 | 0 | 5 | 200 | 600 | 0.08 | 1.31 | 0.86 | 8.33 | 5.00 | 3.13 | | NHEL | | NHEL |
| 220 | Aquolls | 35 | 86 | 5 | 5 | 5 | 5 | 0.49 | 15 | 25 | 40 | 0 | 5 | 200 | 600 | 0.08 | 1.31 | 0.86 | 5.44 | 3.27 | 2.04 | | NHEL | | NHEL |
| 220 | Riverwash | 15 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 40 | 0 | 2 | 200 | 600 | 0.08 | 0.34 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 222 | Kelval | 85 | 86 | 5 | 5 | 5 | 5 | 0.2 | 15 | 20 | 50 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | 0.86 | 13.33 | 10.00 | 4.00 | | NHEL | | NHEL |
| 223 | Kelval | 70 | 86 | 5 | 10 | 20 | 5 | 0.2 | 25 | 30 | 45 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 1.72 | 8.00 | 6.67 | 4.44 | | NHEL | | NHEL |
| 224 | Inyo | 85 | 86 | 5 | 5 | 5 | 5 | 0.1 | 15 | 35 | 60 | 0 | 9 | 200 | 550 | 0.08 | 2.75 | 0.86 | 26.67 | 11.43 | 6.67 | | NHEL | | NHEL |
| 238 | Cinco | 85 | 86 | 30 | 65 | 110 | 5 | 0.24 | 15 | 15 | 20 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 11.18 | 11.11 | 11.11 | 8.33 | | PHEL | | HEL |
| 240 | Dune land | 85 | 220 | 50 | 85 | 110 | 5 | 0.05 | 10 | 15 | 15 | 2 | 50 | 100 | 600 | 0.2 | 25.823 | 37.40 | 80.00 | 53.33 | 53.33 | | NHEL | | HEL |
| 241 | Inyo | 75 | 86 | 5 | 5 | 5 | 5 | 0.1 | 15 | 30 | 50 | 0 | 5 | 200 | 600 | 0.08 | 1.31 | 0.86 | 26.67 | 13.33 | 8.00 | | NHEL | | NHEL |
| 242 | Inyo | 80 | 86 | 5 | 5 | 5 | 5 | 0.1 | 15 | 35 | 60 | 5 | 15 | 100 | 500 | 0.53 | 5.89 | 0.86 | 26.67 | 11.43 | 6.67 | | NHEL | | NHEL |
| 243 | Kernfork | 85 | 38 | 5 | 5 | 5 | 5 | 0.32 | 20 | 35 | 50 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | 0.38 | 6.25 | 3.57 | 2.50 | | NHEL | | NHEL |
| 245 | Chollawell | 80 | 86 | 5 | 5 | 5 | 4 | 0.05 | 15 | 35 | 60 | 2 | 5 | 100 | 600 | 0.20 | 1.31 | 1.08 | 42.67 | 18.29 | 10.67 | | NHEL | | NHEL |
| 246 | Chollawell | 80 | 86 | 5 | 5 | 10 | 4 | 0.05 | 15 | 35 | 50 | 5 | 15 | 100 | 500 | 0.53 | 5.89 | 1.08 | 42.67 | 18.29 | 12.80 | | NHEL | | NHEL |
| 247 | Inyo | 45 | 86 | 5 | 5 | 5 | 5 | 0.1 | 30 | 35 | 40 | 5 | 15 | 100 | 500 | 0.53 | 5.89 | 0.86 | 13.33 | 11.43 | 10.00 | | NHEL | | NHEL |
| 247 | Tips | 25 | 86 | 5 | 5 | 5 | 2 | 0.15 | 30 | 35 | 40 | 5 | 30 | 50 | 400 | 0.38 | 15.91 | 2.15 | 3.56 | 3.05 | 2.67 | | PHEL | | NHEL |
| 247 | Rock outcrop | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 30 | 35 | 40 | 5 | 30 | 0 | 0 | 0.00 | 0.00 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 249 | Hoffman | 65 | 86 | 5 | 10 | 20 | 3 | 0.15 | 35 | 40 | 45 | 30 | 50 | 50 | 500 | 5.62 | 39.85 | 2.87 | 4.57 | 4.00 | 3.56 | | HEL | | NHEL |
| 249 | Rock outcrop | 20 | 0 | 5 | 10 | 20 | 0 | 0 | 35 | 40 | 45 | 30 | 50 | 50 | 500 | 5.62 | 39.85 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 250 | Hoffman | 40 | 86 | 5 | 5 | 10 | 3 | 0.15 | 25 | 35 | 55 | 15 | 50 | 50 | 500 | 1.82 | 39.85 | 1.43 | 6.40 | 4.57 | 2.91 | | PHEL | | NHEL |
| 250 | Tips | 30 | 86 | 5 | 5 | 10 | 2 | 0.15 | 25 | 35 | 55 | 15 | 50 | 50 | 500 | 1.82 | 39.85 | 2.15 | 4.27 | 3.05 | 1.94 | | PHEL | | NHEL |
| 250 | Pilotwell | 15 | 86 | 5 | 5 | 10 | 3 | 0.1 | 25 | 35 | 55 | 15 | 50 | 0 | 0 | 0.00 | 0.00 | 1.43 | 9.60 | 6.86 | 4.36 | | ---- | | NHEL |
| 253 | * Sorrell | 40 | 86 | 5 | 5 | 5 | 3 | 0.2 | 25 | 40 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 4.80 | 3.00 | 2.18 | PHEL | HEL | | NHEL |
| 253 | Martee | 25 | 86 | 5 | 5 | 5 | 1 | 0.2 | 25 | 40 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 1.60 | 1.00 | 0.73 | | HEL | | NHEL |
| 253 | Rock outcrop | 20 | -- | 5 | 5 | 5 | 0 | 0 | 25 | 40 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 254 | Martee | 60 | 86 | 5 | 5 | 10 | 1 | 0.24 | 30 | 45 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 1.11 | 0.74 | 0.61 | | HEL | | NHEL |
| 254 | Rock outcrop | 25 | -- | 5 | 5 | 10 | 0 | 0 | 30 | 45 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 255 | Kernfork | 45 | 38 | 5 | 5 | 5 | 5 | 0.2 | 25 | 40 | 60 | 1 | 5 | 100 | 600 | 0.13 | 1.31 | 0.38 | 8.00 | 5.00 | 3.33 | | NHEL | | NHEL |
| 255 | Kernfork | 40 | 86 | 5 | 5 | 5 | 5 | 0.2 | 25 | 40 | 60 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | 0.86 | 8.00 | 5.00 | 3.33 | | NHEL | | NHEL |
| 257 | Hoffman | 50 | 86 | 5 | 5 | 5 | 3 | 0.15 | 25 | 35 | 55 | 20 | 45 | 50 | 400 | 2.88 | 30.41 | 1.43 | 6.40 | 4.57 | 2.91 | | PHEL | | NHEL |
| 257 | Tips | 20 | 86 | 5 | 5 | 5 | 2 | 0.1 | 25 | 35 | 55 | 20 | 45 | 50 | 400 | 2.88 | 30.41 | 2.15 | 6.40 | 4.57 | 2.91 | | PHEL | | NHEL |
| 257 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 25 | 35 | 55 | 20 | 50 | 50 | 400 | 2.88 | 35.66 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 259 | Cowspring | 80 | 86 | 5 | 5 | 5 | 3 | 0.15 | 25 | 30 | 40 | 15 | 50 | 50 | 400 | 1.82 | 35.66 | 1.43 | 6.40 | 5.33 | 4.00 | | PHEL | | NHEL |
| 260 | * Cowspring | 45 | 86 | 5 | 5 | 20 | 3 | 0.15 | 25 | 30 | 30 | 30 | 50 | 50 | 300 | 5.62 | 30.41 | 1.43 | 6.40 | 5.33 | 5.33 | PHEL | HEL | | NHEL |
| 260 | * Tips | 20 | 86 | 5 | 5 | 20 | 2 | 0.1 | 25 | 30 | 30 | 30 | 50 | 50 | 300 | 5.62 | 30.41 | 2.15 | 6.40 | 5.33 | 5.33 | PHEL | HEL | | NHEL |
| 260 | Rock outcrop | 15 | -- | 5 | 5 | 20 | 0 | 0 | 25 | 30 | 30 | 30 | 50 | 50 | 300 | 5.62 | 30.41 | ---- | ---- | ---- | ---- | | ---- | | ---- |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 261 | Blasingame | 30 | 86 | 5 | 20 | 40 | 3 | 0.28 | 20 | 25 | 40 | 15 | 45 | 50 | 300 | 1.658 | 16.302 | 5.73 | 4.29 | 3.43 | 2.14 | | PHEL | | NHEL |
| 261 | Arujo | 25 | 86 | 5 | 20 | 40 | 4 | 0.24 | 20 | 25 | 40 | 15 | 45 | 50 | 300 | 1.658 | 16.302 | 4.30 | 6.67 | 5.33 | 3.33 | | PHEL | | NHEL |
| 261 | * Cieneba | 25 | 86 | 5 | 20 | 40 | 2 | 0.32 | 20 | 25 | 40 | 15 | 45 | 50 | 300 | 1.658 | 16.302 | 8.60 | 2.50 | 2.00 | 1.25 | | PHEL | HEL | HEL |
| 264 | Arujo | 35 | 86 | 5 | 10 | 30 | 4 | 0.24 | 20 | 30 | 45 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 2.15 | 6.67 | 4.44 | 2.96 | | PHEL | | NHEL |
| 264 | Walong | 25 | 86 | 5 | 10 | 30 | 3 | 0.28 | 20 | 30 | 45 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.87 | 4.29 | 2.86 | 1.90 | | PHEL | | NHEL |
| 264 | * Tunis | 20 | 86 | 5 | 10 | 30 | 2 | 0.28 | 20 | 30 | 45 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 4.30 | 2.86 | 1.90 | 1.27 | | PHEL | HEL | NHEL |
| 265 | * Arujo | 80 | 86 | 5 | 10 | 25 | 4 | 0.24 | 20 | 30 | 45 | 9 | 15 | 50 | 500 | 0.821 | 5.279 | 2.15 | 6.67 | 4.44 | 2.96 | NHEL | PHEL | | NHEL |
| 266 | Tunis | 50 | 86 | 5 | 10 | 20 | 2 | 0.28 | 25 | 40 | 45 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 4.30 | 2.29 | 1.43 | 1.27 | | HEL | | NHEL |
| 266 | Rock outcrop | 30 | -- | 5 | 10 | 20 | 0 | 0 | 25 | 40 | 45 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 267 | Cieneba | 40 | 86 | 5 | 25 | 50 | 2 | 0.32 | 15 | 20 | 35 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 10.75 | 3.33 | 2.50 | 1.43 | | HEL | | HEL |
| 267 | * Vista | 25 | 86 | 5 | 25 | 50 | 3 | 0.32 | 15 | 20 | 35 | 30 | 60 | 50 | 300 | 4.119 | 21.695 | 7.17 | 5.00 | 3.75 | 2.14 | PHEL | HEL | | NHEL |
| 267 | Rock outcrop | 15 | -- | 5 | 25 | 50 | 0 | 0 | 15 | 20 | 35 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 268 | Tunis | 35 | 86 | 5 | 10 | 30 | 2 | 0.28 | 15 | 35 | 50 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 4.30 | 3.81 | 1.63 | 1.14 | | HEL | | NHEL |
| 268 | Tollhouse | 25 | 86 | 5 | 10 | 30 | 2 | 0.28 | 15 | 35 | 50 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 4.30 | 3.81 | 1.63 | 1.14 | | HEL | | NHEL |
| 268 | * Sorrell | 20 | 86 | 5 | 10 | 30 | 3 | 0.28 | 15 | 35 | 50 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.87 | 5.71 | 2.45 | 1.71 | PHEL | HEL | | NHEL |
| 269 | Tollhouse | 45 | 86 | 5 | 5 | 20 | 2 | 0.32 | 15 | 35 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.15 | 3.33 | 1.43 | 0.91 | | HEL | | NHEL |
| 269 | * Sorrell | 25 | 86 | 5 | 5 | 20 | 3 | 0.28 | 15 | 35 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 5.71 | 2.45 | 1.56 | PHEL | HEL | | NHEL |
| 269 | Rock outcrop | 15 | -- | 5 | 5 | 20 | 0 | 0 | 15 | 35 | 55 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 270 | * Locobill | 35 | 86 | 5 | 10 | 20 | 3 | 0.32 | 20 | 30 | 50 | 20 | 60 | 50 | 300 | 2.441 | 21.695 | 2.87 | 3.75 | 2.50 | 1.50 | | PHEL | HEL | NHEL |
| 270 | Backcanyon | 30 | 86 | 5 | 10 | 20 | 1 | 0.32 | 20 | 30 | 50 | 20 | 60 | 50 | 250 | 2.441 | 19.827 | 8.60 | 1.25 | 0.83 | 0.50 | | HEL | | HEL |
| 270 | * Sesame | 15 | 86 | 5 | 10 | 20 | 3 | 0.28 | 20 | 30 | 50 | 20 | 60 | 50 | 250 | 2.441 | 19.827 | 2.87 | 4.29 | 2.86 | 1.71 | | PHEL | HEL | NHEL |
| 271 | Walong | 35 | 86 | 5 | 15 | 30 | 3 | 0.32 | 20 | 30 | 45 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 4.30 | 3.75 | 2.50 | 1.67 | | HEL | | NHEL |
| 271 | Tunis | 30 | 86 | 5 | 15 | 30 | 2 | 0.28 | 20 | 30 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 6.45 | 2.86 | 1.90 | 1.27 | | HEL | | NHEL |
| 271 | Rock outcrop | 15 | -- | 5 | 15 | 30 | 0 | 0 | 20 | 30 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 272 | Tollhouse | 35 | 86 | 5 | 5 | 10 | 2 | 0.28 | 35 | 40 | 60 | 20 | 50 | 50 | 351 | 2.441 | 19.746 | 2.15 | 1.63 | 1.43 | 0.95 | | HEL | | NHEL |
| 272 | Edmundston | 30 | 86 | 5 | 5 | 10 | 4 | 0.24 | 35 | 40 | 60 | 15 | 40 | 50 | 300 | 1.658 | 14.304 | 1.08 | 3.81 | 3.33 | 2.22 | | PHEL | | NHEL |
| 272 | Sorrell | 20 | 86 | 5 | 5 | 10 | 3 | 0.28 | 35 | 40 | 60 | 30 | 50 | 50 | 250 | 4.119 | 16.641 | 1.43 | 2.45 | 2.14 | 1.43 | | HEL | | NHEL |
| 274 | Sesame | 40 | 86 | 5 | 10 | 25 | 3 | 0.28 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.87 | 3.43 | 2.45 | 1.90 | | HEL | | NHEL |
| 274 | Tweedy | 20 | 86 | 5 | 10 | 25 | 3 | 0.28 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.87 | 3.43 | 2.45 | 1.90 | | HEL | | NHEL |
| 274 | Rock outcrop | 15 | -- | 5 | 10 | 25 | 0 | 0 | 25 | 35 | 45 | 30 | 70 | 50 | 250 | 4.119 | 22.558 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 275 | Strahle | 50 | 86 | 5 | 5 | 10 | 1 | 0.28 | 25 | 30 | 40 | 30 | 70 | 50 | 250 | 4.119 | 22.558 | 4.30 | 1.14 | 0.95 | 0.71 | | HEL | | NHEL |
| 275 | Sesame | 15 | 86 | 5 | 5 | 10 | 3 | 0.28 | 25 | 30 | 40 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 1.43 | 3.43 | 2.86 | 2.14 | | HEL | | NHEL |
| 275 | Tweedy | 15 | 86 | 5 | 5 | 10 | 3 | 0.28 | 25 | 30 | 40 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 1.43 | 3.43 | 2.86 | 2.14 | | HEL | | NHEL |
| 276 | * Tips | 35 | 86 | 5 | 5 | 20 | 2 | 0.1 | 25 | 25 | 30 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 6.40 | 6.40 | 5.33 | | PHEL | HEL | NHEL |
| 276 | * Hoffman | 30 | 86 | 5 | 5 | 20 | 3 | 0.15 | 25 | 25 | 30 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 6.40 | 6.40 | 5.33 | | PHEL | HEL | NHEL |
| 276 | Cinco | 15 | 86 | 5 | 5 | 20 | 5 | 0.1 | 25 | 25 | 30 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 0.86 | 16.00 | 16.00 | 13.33 | | PHEL | | NHEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 277 | Feethill | 30 | 86 | 5 | 20 | 40 | 3 | 0.28 | 20 | 25 | 35 | 15 | 60 | 50 | 400 | 1.658 | 25.12 | 5.73 | 4.29 | 3.43 | 2.45 | | PHEL | | NHEL |
| 277 | Vista | 25 | 86 | 5 | 20 | 40 | 3 | 0.32 | 20 | 25 | 35 | 15 | 60 | 50 | 400 | 1.658 | 25.12 | 5.73 | 3.75 | 3.00 | 2.14 | | PHEL | | NHEL |
| 277 | Walong | 20 | 86 | 5 | 20 | 40 | 3 | 0.28 | 20 | 25 | 35 | 15 | 60 | 50 | 400 | 1.658 | 25.12 | 5.73 | 4.29 | 3.43 | 2.45 | | PHEL | | NHEL |
| 279 | Strahle | 50 | 86 | 5 | 5 | 10 | 1 | 0.28 | 30 | 30 | 35 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 0.95 | 0.95 | 0.82 | | HEL | | NHEL |
| 279 | Rock outcrop | 20 | -- | 5 | 5 | 10 | 0 | 0 | 30 | 30 | 35 | 25 | 65 | 50 | 250 | 3.269 | 21.251 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 279 | Sesame | 15 | 86 | 5 | 5 | 10 | 3 | 0.28 | 30 | 30 | 35 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 2.86 | 2.86 | 2.45 | | HEL | | NHEL |
| 280 | Tollhouse | 40 | 86 | 5 | 5 | 10 | 2 | 0.32 | 30 | 40 | 55 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 2.15 | 1.67 | 1.25 | 0.91 | | HEL | | NHEL |
| 280 | Martee | 20 | 86 | 5 | 5 | 10 | 1 | 0.24 | 30 | 40 | 55 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 4.30 | 1.11 | 0.83 | 0.61 | | HEL | | NHEL |
| 280 | Edmundston | 15 | 86 | 5 | 5 | 10 | 4 | 0.28 | 30 | 40 | 55 | 30 | 40 | 50 | 300 | 4.119 | 14.304 | 1.08 | 3.81 | 2.86 | 2.08 | | HEL | | NHEL |
| 281 | * Havala | 55 | 86 | 5 | 5 | 20 | 5 | 0.24 | 25 | 35 | 50 | 2 | 15 | 100 | 550 | 0.2 | 5.55 | 0.86 | 6.67 | 4.76 | 3.33 | NHEL | PHEL | | NHEL |
| 281 | Kernfork | 15 | 86 | 5 | 5 | 20 | 5 | 0.2 | 25 | 35 | 50 | 1 | 5 | 200 | 600 | 0.159 | 1.31 | 0.86 | 8.00 | 5.71 | 4.00 | | NHEL | | NHEL |
| 281 | Walong | 15 | 86 | 5 | 5 | 20 | 3 | 0.28 | 25 | 35 | 50 | 15 | 20 | 50 | 400 | 1.658 | 6.962 | 1.43 | 3.43 | 2.45 | 1.71 | | PHEL | | NHEL |
| 282 | Tollhouse | 35 | 86 | 5 | 10 | 20 | 2 | 0.32 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 2.00 | 1.43 | 1.11 | | HEL | | NHEL |
| 282 | Sesame | 25 | 86 | 5 | 10 | 20 | 3 | 0.28 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.87 | 3.43 | 2.45 | 1.90 | | HEL | | NHEL |
| 282 | Friant | 20 | 86 | 5 | 10 | 20 | 1 | 0.32 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 8.60 | 1.00 | 0.71 | 0.56 | | HEL | | HEL |
| 283 | Tollhouse | 35 | 86 | 5 | 5 | 20 | 2 | 0.32 | 30 | 40 | 50 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 2.15 | 1.67 | 1.25 | 1.00 | | HEL | | NHEL |
| 283 | Martee | 30 | 86 | 5 | 5 | 20 | 1 | 0.24 | 30 | 40 | 50 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 4.30 | 1.11 | 0.83 | 0.67 | | HEL | | NHEL |
| 283 | Rock outcrop | 15 | -- | 5 | 5 | 20 | 0 | 0 | 30 | 40 | 50 | 30 | 80 | 50 | 250 | 4.119 | 24.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 284 | Tollhouse | 70 | 86 | 5 | 5 | 10 | 2 | 0.32 | 25 | 40 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.15 | 2.00 | 1.25 | 1.11 | | HEL | | NHEL |
| 284 | Rock outcrop | 15 | -- | 5 | 5 | 10 | 0 | 0 | 25 | 40 | 45 | 25 | 65 | 50 | 250 | 3.269 | 21.251 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 285 | Inyo | 50 | 86 | 5 | 5 | 20 | 5 | 0.1 | 20 | 55 | 65 | 0 | 5 | 200 | 600 | 0.08 | 1.31 | 0.86 | 20.00 | 7.27 | 6.15 | | NHEL | | NHEL |
| 285 | Kelval | 40 | 134 | 5 | 5 | 20 | 5 | 0.1 | 20 | 55 | 65 | 0 | 2 | 200 | 600 | 0.08 | 0.34 | 1.34 | 20.00 | 7.27 | 6.15 | | NHEL | | NHEL |
| 286 | Tollhouse | 40 | 86 | 5 | 10 | 20 | 2 | 0.32 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 2.00 | 1.43 | 1.11 | | HEL | | NHEL |
| 286 | Tweedy | 25 | 86 | 5 | 10 | 20 | 3 | 0.28 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.87 | 3.43 | 2.45 | 1.90 | | HEL | | NHEL |
| 286 | Locobill | 20 | 86 | 5 | 10 | 20 | 3 | 0.32 | 25 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.87 | 3.00 | 2.14 | 1.67 | | HEL | | NHEL |
| 287 | Strahle | 40 | 86 | 5 | 10 | 20 | 1 | 0.28 | 20 | 30 | 35 | 40 | 75 | 50 | 250 | 5.807 | 23.749 | 8.60 | 1.43 | 0.95 | 0.82 | | HEL | | HEL |
| 287 | Tweedy | 40 | 86 | 5 | 10 | 20 | 3 | 0.28 | 20 | 30 | 35 | 40 | 75 | 50 | 250 | 5.807 | 23.749 | 2.87 | 4.29 | 2.86 | 2.45 | | HEL | | NHEL |
| 288 | * Sorrell | 45 | 86 | 5 | 5 | 5 | 3 | 0.2 | 25 | 35 | 50 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 1.43 | 4.80 | 3.43 | 2.40 | PHEL | HEL | | NHEL |
| 288 | Arujo | 25 | 86 | 5 | 5 | 5 | 4 | 0.24 | 25 | 35 | 50 | 9 | 50 | 50 | 300 | 0.821 | 18.21 | 1.08 | 5.33 | 3.81 | 2.67 | | PHEL | | NHEL |
| 288 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 25 | 35 | 50 | 9 | 50 | 0 | 0 | 0 | 0 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 289 | * Erskine | 35 | 134 | 5 | 5 | 10 | 2 | 0.24 | 15 | 30 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 3.35 | 4.44 | 2.22 | 1.48 | PHEL | HEL | | NHEL |
| 289 | * Hyte | 30 | 86 | 5 | 5 | 10 | 2 | 0.24 | 15 | 30 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.15 | 4.44 | 2.22 | 1.48 | PHEL | HEL | | NHEL |
| 289 | Rock outcrop | 20 | -- | 5 | 5 | 10 | 0 | 0 | 15 | 30 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 294 | * Edmundston | 45 | 86 | 5 | 15 | 30 | 4 | 0.28 | 25 | 35 | 50 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 3.23 | 4.57 | 3.27 | 2.29 | PHEL | HEL | | NHEL |
| 294 | Tweedy | 20 | 86 | 5 | 15 | 30 | 3 | 0.28 | 25 | 35 | 50 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 3.43 | 2.45 | 1.71 | | HEL | | NHEL |
| 294 | Walong | 20 | 86 | 5 | 15 | 30 | 3 | 0.28 | 25 | 35 | 50 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 3.43 | 2.45 | 1.71 | | HEL | | NHEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 295 | Tunis | 30 | 86 | 5 | 10 | 25 | 2 | 0.28 | 20 | 30 | 50 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 4.30 | 2.86 | 1.90 | 1.14 | | HEL | | NHEL |
| 295 | * Tweedy | 30 | 86 | 5 | 10 | 25 | 3 | 0.28 | 20 | 30 | 50 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 2.87 | 4.29 | 2.86 | 1.71 | PHEL | HEL | | NHEL |
| 295 | * Rankor | 20 | 86 | 5 | 10 | 25 | 4 | 0.24 | 20 | 30 | 50 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 2.15 | 6.67 | 4.44 | 2.67 | | PHEL | HEL | NHEL |
| 296 | * Arujo | 40 | 86 | 5 | 15 | 40 | 4 | 0.24 | 15 | 25 | 40 | 30 | 65 | 50 | 250 | 4.119 | 21.251 | 3.23 | 8.89 | 5.33 | 3.33 | | PHEL | HEL | NHEL |
| 296 | * Walong | 30 | 86 | 5 | 15 | 40 | 3 | 0.2 | 15 | 25 | 40 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 4.30 | 8.00 | 4.80 | 3.00 | | PHEL | HEL | NHEL |
| 296 | * Tunis | 15 | 86 | 5 | 15 | 40 | 2 | 0.2 | 15 | 25 | 40 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 6.45 | 5.33 | 3.20 | 2.00 | PHEL | HEL | | NHEL |
| 297 | * Walong | 30 | 86 | 5 | 15 | 30 | 3 | 0.28 | 20 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 4.29 | 2.45 | 1.90 | PHEL | HEL | | NHEL |
| 297 | * Blasingame | 25 | 86 | 5 | 15 | 30 | 3 | 0.28 | 20 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 4.29 | 2.45 | 1.90 | PHEL | HEL | | NHEL |
| 297 | Rock outcrop | 15 | -- | 5 | 15 | 30 | 0 | 0 | 20 | 35 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 298 | Arujo | 35 | 86 | 5 | 15 | 30 | 4 | 0.24 | 20 | 35 | 45 | 15 | 35 | 50 | 300 | 1.658 | 12.241 | 3.23 | 6.67 | 3.81 | 2.96 | | PHEL | | NHEL |
| 298 | * Feethill | 25 | 86 | 5 | 15 | 30 | 2 | 0.28 | 20 | 35 | 45 | 15 | 45 | 50 | 300 | 1.658 | 16.302 | 6.45 | 2.86 | 1.63 | 1.27 | PHEL | HEL | | NHEL |
| 298 | Sesame | 20 | 86 | 5 | 15 | 30 | 3 | 0.28 | 20 | 35 | 45 | 15 | 45 | 50 | 300 | 1.658 | 16.302 | 4.30 | 4.29 | 2.45 | 1.90 | | PHEL | | NHEL |
| 299 | * Arujo | 40 | 86 | 5 | 15 | 25 | 4 | 0.24 | 20 | 40 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 3.23 | 6.67 | 3.33 | 2.96 | PHEL | HEL | | NHEL |
| 299 | * Feethill | 25 | 86 | 5 | 15 | 25 | 3 | 0.28 | 20 | 40 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 4.29 | 2.14 | 1.90 | PHEL | HEL | | NHEL |
| 299 | * Sesame | 20 | 86 | 5 | 15 | 25 | 3 | 0.28 | 20 | 40 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 4.29 | 2.14 | 1.90 | PHEL | HEL | | NHEL |
| 300 | Stineway | 50 | 56 | 5 | 5 | 5 | 1 | 0.32 | 10 | 25 | 40 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.80 | 2.50 | 1.00 | 0.63 | | HEL | | NHEL |
| 300 | Kiscove | 30 | 48 | 5 | 5 | 5 | 2 | 0.43 | 10 | 25 | 40 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.20 | 3.72 | 1.49 | 0.93 | | HEL | | NHEL |
| 301 | Feethill | 35 | 86 | 10 | 20 | 25 | 3 | 0.28 | 25 | 35 | 40 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 5.73 | 3.43 | 2.45 | 2.14 | | PHEL | | NHEL |
| 301 | Vista | 25 | 86 | 10 | 20 | 25 | 3 | 0.32 | 25 | 35 | 40 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 5.73 | 3.00 | 2.14 | 1.88 | | PHEL | | NHEL |
| 301 | Rock outcrop | 15 | -- | 10 | 20 | 25 | 0 | 0 | 25 | 35 | 40 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 302 | * Feethill | 30 | 56 | 20 | 25 | 30 | 3 | 0.43 | 20 | 35 | 35 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 4.67 | 2.79 | 1.59 | 1.59 | PHEL | HEL | | NHEL |
| 302 | * Cibo | 25 | 86 | 20 | 25 | 30 | 2 | 0.32 | 20 | 35 | 35 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 10.75 | 2.50 | 1.43 | 1.43 | PHEL | HEL | | HEL |
| 302 | * Cieneba | 20 | 86 | 20 | 25 | 30 | 2 | 0.32 | 20 | 35 | 35 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 10.75 | 2.50 | 1.43 | 1.43 | PHEL | HEL | | HEL |
| 303 | Steuber | 80 | 86 | 5 | 10 | 25 | 5 | 0.24 | 20 | 25 | 35 | 0 | 5 | 100 | 600 | 0.069 | 1.31 | 1.72 | 8.33 | 6.67 | 4.76 | | NHEL | | NHEL |
| 304 | Cibo | 80 | 86 | 10 | 20 | 25 | 2 | 0.28 | 20 | 20 | 25 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 8.60 | 2.86 | 2.86 | 2.29 | | HEL | | HEL |
| 305 | Chanac | 45 | 86 | 10 | 40 | 100 | 5 | 0.37 | 15 | 20 | 25 | 20 | 60 | 50 | 250 | 2.441 | 19.827 | 6.88 | 7.21 | 5.41 | 4.32 | | PHEL | | NHEL |
| 305 | Pleito | 20 | 56 | 10 | 40 | 100 | 5 | 0.24 | 15 | 20 | 25 | 20 | 50 | 50 | 250 | 2.441 | 16.641 | 4.48 | 11.11 | 8.33 | 6.67 | | PHEL | | NHEL |
| 306 | Xerofluvents | 60 | 86 | 10 | 40 | 100 | 4 | 0.37 | 15 | 20 | 25 | 0 | 5 | 100 | 600 | 0.069 | 1.31 | 8.60 | 5.77 | 4.32 | 3.46 | | NHEL | | HEL |
| 306 | Riverwash | 25 | 180 | 10 | 40 | 100 | 0 | 0 | 15 | 20 | 25 | 0 | 5 | 100 | 600 | 0.07 | 1.31 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 307 | Typic Xeropsamments | 80 | 134 | 5 | 5 | 5 | 5 | 0.24 | 40 | 40 | 40 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 1.34 | 4.17 | 4.17 | 4.17 | | NHEL | | NHEL |
| 308 | Rankor | 35 | 86 | 5 | 5 | 10 | 4 | 0.24 | 35 | 45 | 50 | 5 | 30 | 100 | 500 | 0.53 | 13.111 | 1.08 | 3.81 | 2.96 | 2.67 | | PHEL | | NHEL |
| 308 | * Edmundston | 25 | 86 | 5 | 5 | 10 | 4 | 0.28 | 35 | 45 | 50 | 15 | 25 | 100 | 500 | 2.345 | 10.407 | 1.08 | 3.27 | 2.54 | 2.29 | | PHEL | HEL | NHEL |
| 308 | Tweedy | 20 | 86 | 5 | 5 | 10 | 3 | 0.28 | 35 | 45 | 50 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 1.43 | 2.45 | 1.90 | 1.71 | | PHEL | | NHEL |
| 309 | Rankor | 35 | 86 | 5 | 5 | 10 | 4 | 0.24 | 35 | 45 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.08 | 3.81 | 2.96 | 2.96 | | HEL | | NHEL |
| 309 | Edmundston | 25 | 86 | 5 | 5 | 10 | 4 | 0.28 | 35 | 45 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.08 | 3.27 | 2.54 | 2.54 | | HEL | | NHEL |
| 309 | Tweedy | 20 | 86 | 5 | 5 | 10 | 3 | 0.28 | 35 | 45 | 45 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 2.45 | 1.90 | 1.90 | | HEL | | NHEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 310 | Stineway | 50 | 86 | 5 | 5 | 5 | 1 | 0.32 | 10 | 20 | 30 | 5 | 30 | 100 | 400 | 0.53 | 11.746 | 4.30 | 2.50 | 1.25 | 0.83 | | PHEL | | NHEL |
| 310 | * Kiscove | 30 | 86 | 5 | 5 | 5 | 2 | 0.32 | 10 | 20 | 30 | 15 | 30 | 100 | 400 | 2.345 | 11.746 | 2.15 | 5.00 | 2.50 | 1.67 | | PHEL | HEL | NHEL |
| 311 | Xerorthents | 50 | 48 | 5 | 50 | 100 | 2 | 0.28 | 15 | 15 | 15 | 30 | 75 | 50 | 250 | 4.119 | 19.827 | 12.00 | 3.81 | 3.81 | 3.81 | | HEL | | HEL |
| 311 | Rock outcrop | 25 | -- | 5 | 50 | 100 | 0 | 0 | 15 | 15 | 15 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 312 | Havala | 85 | 86 | 5 | 15 | 25 | 5 | 0.24 | 20 | 25 | 30 | 2 | 5 | 100 | 600 | 0.2 | 1.31 | 2.58 | 8.33 | 6.67 | 5.56 | | NHEL | | NHEL |
| 313 | Dumps | 80 | 86 | 5 | 25 | 50 | 3 | 0 | 15 | 20 | 25 | 15 | 75 | 50 | 500 | 1.658 | 33.587 | 7.17 | ---- | ---- | ---- | | ---- | | NHEL |
| 314 | Premier | 45 | 86 | 40 | 60 | 100 | 5 | 0.28 | 15 | 15 | 15 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 10.32 | 9.52 | 9.52 | 9.52 | | PHEL | | HEL |
| 314 | Haplodurids | 35 | 86 | 40 | 60 | 100 | 3 | 0.37 | 15 | 15 | 15 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 17.20 | 4.32 | 4.32 | 4.32 | | PHEL | | HEL |
| 315 | Premier | 45 | 86 | 40 | 45 | 50 | 5 | 0.28 | 15 | 15 | 15 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | 7.74 | 9.52 | 9.52 | 9.52 | | NHEL | | NHEL |
| 315 | Haplodurids | 40 | 86 | 40 | 45 | 50 | 3 | 0.37 | 15 | 15 | 15 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | 12.90 | 4.32 | 4.32 | 4.32 | | NHEL | | HEL |
| 316 | Premier | 85 | 86 | 20 | 35 | 100 | 5 | 0.24 | 15 | 20 | 20 | 5 | 9 | 100 | 550 | 0.53 | 2.748 | 6.02 | 11.11 | 8.33 | 8.33 | | NHEL | | NHEL |
| 317 | Premier | 85 | 86 | 30 | 50 | 110 | 5 | 0.24 | 15 | 20 | 20 | 2 | 5 | 100 | 600 | 0.2 | 1.31 | 8.60 | 11.11 | 8.33 | 8.33 | | NHEL | | HEL |
| 320 | Southlake | 80 | 86 | 5 | 5 | 5 | 5 | 0.15 | 15 | 25 | 40 | 2 | 15 | 100 | 500 | 0.20 | 5.72 | 0.86 | 17.78 | 10.67 | 6.67 | | NHEL | | NHEL |
| 325 | Walong | 75 | 86 | 20 | 25 | 30 | 3 | 0.28 | 15 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 7.17 | 5.71 | 5.71 | 5.71 | | PHEL | | NHEL |
| 326 | Walong | 80 | 86 | 10 | 15 | 20 | 3 | 0.28 | 20 | 20 | 20 | 30 | 50 | 50 | 300 | 4.119 | 18.21 | 4.30 | 4.29 | 4.29 | 4.29 | | PHEL | | NHEL |
| 330 | Kernville | 35 | 86 | 5 | 5 | 5 | 1 | 0.17 | 15 | 25 | 45 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 4.30 | 3.14 | 1.88 | 1.05 | | HEL | | NHEL |
| 330 | * Faycreek | 25 | 86 | 5 | 5 | 5 | 2 | 0.2 | 15 | 25 | 45 | 30 | 75 | 50 | 250 | 4.119 | 23.749 | 2.15 | 5.33 | 3.20 | 1.78 | PHEL | HEL | | NHEL |
| 330 | Rock outcrop | 20 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 45 | 25 | 75 | 50 | 250 | 3.269 | 23.749 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 350 | * Southlake | 55 | 86 | 5 | 5 | 5 | 5 | 0.2 | 15 | 30 | 55 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 0.86 | 13.33 | 6.67 | 3.64 | | NHEL | PHEL | NHEL |
| 350 | Goodale | 20 | 86 | 5 | 5 | 5 | 5 | 0.05 | 15 | 30 | 55 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 0.86 | 53.33 | 26.67 | 14.55 | | NHEL | | NHEL |
| 352 | Goodale | 65 | 86 | 5 | 5 | 5 | 3 | 0.05 | 15 | 25 | 30 | 1 | 5 | 200 | 600 | 0.16 | 1.31 | 1.43 | 32.00 | 19.20 | 16.00 | | NHEL | | NHEL |
| 352 | Riverwash | 20 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 30 | 0 | 2 | 200 | 600 | 0.08 | 0.34 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 360 | Kernville | 40 | 86 | 5 | 5 | 5 | 1 | 0.2 | 15 | 20 | 30 | 5 | 30 | 50 | 400 | 0.375 | 11.746 | 4.30 | 2.67 | 2.00 | 1.33 | | PHEL | | NHEL |
| 360 | Hogeye | 30 | 86 | 5 | 5 | 5 | 3 | 0.24 | 15 | 20 | 30 | 5 | 30 | 50 | 400 | 0.375 | 11.746 | 1.43 | 6.67 | 5.00 | 3.33 | | PHEL | | NHEL |
| 360 | * Southlake | 15 | 86 | 5 | 5 | 5 | 5 | 0.32 | 15 | 20 | 30 | 5 | 15 | 200 | 500 | 0.756 | 5.279 | 0.86 | 8.33 | 6.25 | 4.17 | | NHEL | PHEL | NHEL |
| 380 | Delvar | 40 | 48 | 20 | 25 | 40 | 5 | 0.28 | 15 | 15 | 20 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 2.40 | 9.52 | 9.52 | 7.14 | | PHEL | | NHEL |
| 380 | Pleito | 40 | 48 | 20 | 25 | 40 | 5 | 0.37 | 15 | 15 | 20 | 9 | 30 | 50 | 400 | 0.821 | 11.746 | 2.40 | 7.21 | 7.21 | 5.41 | | PHEL | | NHEL |
| 407 | Centerville | 90 | 86 | 20 | 25 | 30 | 5 | 0.2 | 15 | 15 | 15 | 2 | 5 | 100 | 600 | 0.2 | 1.306 | 4.30 | 13.33 | 13.33 | 13.33 | | NHEL | | NHEL |
| 407 | Centerville | 80 | 86 | 20 | 25 | 30 | 3 | 0.2 | 15 | 15 | 15 | 2 | 9 | 100 | 550 | 0.2 | 2.748 | 7.17 | 8.00 | 8.00 | 8.00 | | NHEL | | NHEL |
| 410 | Stineway | 40 | 86 | 5 | 5 | 5 | 1 | 0.32 | 30 | 30 | 30 | 5 | 30 | 100 | 500 | 0.53 | 13.111 | 4.30 | 0.83 | 0.83 | 0.83 | | PHEL | | NHEL |
| 410 | Kiscove | 25 | 86 | 5 | 5 | 5 | 2 | 0.32 | 30 | 30 | 30 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.15 | 1.67 | 1.67 | 1.67 | | PHEL | | NHEL |
| 410 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 30 | 30 | 30 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 411 | Delvar | 85 | 48 | 25 | 30 | 30 | 5 | 0.28 | 10 | 10 | 10 | 2 | 9 | 100 | 550 | 0.2 | 2.74 | 2.88 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 411 | Delvar | 80 | 48 | 25 | 30 | 30 | 5 | 0.32 | 10 | 10 | 10 | 2 | 9 | 108 | 550 | 0.206 | 2.748 | 2.88 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 412 | Chollawell | 70 | 56 | 5 | 5 | 5 | 5 | 0.15 | 25 | 30 | 35 | 5 | 15 | 110 | 550 | 0.56 | 7.54 | 0.56 | 10.67 | 8.89 | 7.62 | | NHEL | | NHEL |
| 412 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 25 | 30 | 35 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | ---- | ---- | ---- | ---- | | ---- | | ---- |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 417 | Southlake | 40 | 86 | 5 | 5 | 5 | 5 | 0.32 | 25 | 25 | 25 | 5 | 15 | 100 | 550 | 0.53 | 5.55 | 0.86 | 5.00 | 5.00 | 5.00 | | PHEL | | NHEL |
| 417 | Southlake | 20 | 86 | 5 | 5 | 5 | 5 | 0.32 | 25 | 25 | 25 | 5 | 15 | 100 | 550 | 0.53 | 5.55 | 0.86 | 5.00 | 5.00 | 5.00 | | PHEL | | NHEL |
| 417 | Goodale | 15 | 86 | 5 | 5 | 5 | 5 | 0.15 | 25 | 25 | 25 | 5 | 15 | 100 | 550 | 0.53 | 5.55 | 0.86 | 10.67 | 10.67 | 10.67 | | NHEL | | NHEL |
| 417 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 25 | 25 | 25 | 0 | 2 | 50 | 550 | 0.06 | 0.335 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 420 | * Southlake | 65 | 86 | 5 | 5 | 5 | 5 | 0.32 | 15 | 20 | 30 | 2 | 15 | 108 | 550 | 0.206 | 5.55 | 0.86 | 8.33 | 6.25 | 4.17 | | NHEL | PHEL | NHEL |
| 420 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 20 | 30 | 0 | 2 | 50 | 550 | 0.06 | 0.335 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 422 | Kelval | 70 | 86 | 5 | 5 | 5 | 5 | 0.28 | 10 | 15 | 15 | 0 | 2 | 200 | 800 | 0.08 | 0.375 | 0.86 | 14.29 | 9.52 | 9.52 | | NHEL | | NHEL |
| 422 | Urban land | 15 | -- | 5 | 5 | 5 | 0 | 0 | 10 | 15 | 15 | 0 | 2 | 50 | 550 | 0.06 | 0.335 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 423 | Auberry | 45 | 86 | 5 | 5 | 5 | 4 | 0.28 | 45 | 45 | 50 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 1.08 | 2.54 | 2.54 | 2.29 | | PHEL | | NHEL |
| 423 | Crouch | 15 | 86 | 5 | 5 | 5 | 5 | 0.15 | 45 | 45 | 50 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 0.86 | 5.93 | 5.93 | 5.33 | | PHEL | | NHEL |
| 423 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 45 | 45 | 50 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 424 | Inyo | 70 | 86 | 5 | 5 | 5 | 5 | 0.1 | 15 | 15 | 15 | 5 | 9 | 100 | 550 | 0.53 | 2.75 | 0.86 | 26.67 | 26.67 | 26.67 | | NHEL | | NHEL |
| 424 | Urban land | 15 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 15 | 15 | 0 | 2 | 50 | 550 | 0.06 | 0.34 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 430 | Friant | 70 | 86 | 5 | 10 | 25 | 1 | 0.32 | 20 | 30 | 35 | 15 | 75 | 50 | 300 | 1.658 | 25.988 | 8.60 | 1.25 | 0.83 | 0.71 | | HEL | | HEL |
| 430 | Rock outcrop | 15 | -- | 5 | 10 | 25 | 0 | 0 | 20 | 30 | 35 | 35 | 75 | 50 | 250 | 4.97 | 23.749 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 432 | Alberti | 70 | 38 | 5 | 5 | 5 | 2 | 0.37 | 15 | 15 | 15 | 5 | 30 | 100 | 500 | 0.53 | 13.111 | 0.95 | 2.88 | 2.88 | 2.88 | | PHEL | | NHEL |
| 432 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 15 | 15 | 0 | 2 | 50 | 550 | 0.06 | 0.335 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 441 | Inyo | 65 | 86 | 5 | 5 | 5 | 5 | 0.1 | 15 | 20 | 40 | 0 | 5 | 100 | 600 | 0.07 | 1.31 | 0.86 | 26.67 | 20.00 | 10.00 | | NHEL | | NHEL |
| 441 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 20 | 40 | 0 | 2 | 50 | 550 | 0.06 | 0.34 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 442 | Inyo | 70 | 86 | 5 | 5 | 5 | 5 | 0.1 | 15 | 15 | 15 | 9 | 15 | 100 | 550 | 1.16 | 6.01 | 0.86 | 26.67 | 26.67 | 26.67 | | NHEL | | NHEL |
| 442 | Urban land | 15 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 15 | 15 | 0 | 2 | 50 | 550 | 0.06 | 0.34 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 445 | Chollawell | 70 | 86 | 5 | 5 | 5 | 4 | 0.05 | 15 | 25 | 35 | 2 | 5 | 100 | 600 | 0.20 | 1.31 | 1.08 | 42.67 | 25.60 | 18.29 | | NHEL | | NHEL |
| 445 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 35 | 0 | 2 | 50 | 550 | 0.06 | 0.34 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 450 | * Southlake | 45 | 86 | 5 | 5 | 5 | 5 | 0.32 | 15 | 25 | 30 | 5 | 15 | 100 | 550 | 0.53 | 5.55 | 0.86 | 8.33 | 5.00 | 4.17 | NHEL | PHEL | | NHEL |
| 450 | Goodale | 15 | 86 | 5 | 5 | 5 | 5 | 0.15 | 15 | 25 | 30 | 5 | 15 | 100 | 550 | 0.53 | 5.55 | 0.86 | 17.78 | 10.67 | 8.89 | | NHEL | | NHEL |
| 450 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 30 | 0 | 2 | 50 | 550 | 0.06 | 0.335 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 460 | Kernville | 30 | 86 | 5 | 5 | 5 | 1 | 0.2 | 15 | 25 | 30 | 5 | 30 | 100 | 500 | 0.53 | 13.111 | 4.30 | 2.67 | 1.60 | 1.33 | | PHEL | | NHEL |
| 460 | Hogeye | 25 | 86 | 5 | 5 | 5 | 3 | 0.24 | 15 | 25 | 30 | 5 | 30 | 100 | 500 | 0.53 | 13.111 | 1.43 | 6.67 | 4.00 | 3.33 | | PHEL | | NHEL |
| 460 | * Southlake | 15 | 86 | 5 | 5 | 5 | 5 | 0.32 | 15 | 25 | 30 | 5 | 15 | 100 | 550 | 0.53 | 5.55 | 0.86 | 8.33 | 5.00 | 4.17 | NHEL | PHEL | | NHEL |
| 460 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 30 | 0 | 2 | 50 | 550 | 0.06 | 0.335 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 465 | Arujo | 65 | 86 | 5 | 5 | 5 | 4 | 0.24 | 15 | 15 | 15 | 5 | 15 | 100 | 550 | 0.53 | 5.55 | 1.08 | 8.89 | 8.89 | 8.89 | | NHEL | | NHEL |
| 465 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 15 | 15 | 0 | 2 | 50 | 550 | 0.06 | 0.335 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 485 | Inyo | 45 | 86 | 5 | 5 | 5 | 5 | 0.1 | 20 | 25 | 25 | 0 | 5 | 100 | 600 | 0.07 | 1.31 | 0.86 | 20.00 | 16.00 | 16.00 | | NHEL | | NHEL |
| 485 | Kelval | 30 | 134 | 5 | 5 | 5 | 5 | 0.1 | 20 | 25 | 25 | 0 | 2 | 100 | 600 | 0.07 | 0.34 | 1.34 | 20.00 | 16.00 | 16.00 | | NHEL | | NHEL |
| 485 | Urban land | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 20 | 25 | 25 | 0 | 2 | 200 | 800 | 0.08 | 0.38 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 488 | Tweedy | 35 | 86 | 5 | 5 | 5 | 3 | 0.2 | 65 | 65 | 65 | 9 | 30 | 50 | 400 | 0.82 | 15.91 | 1.43 | 1.85 | 1.85 | 1.85 | | PHEL | | NHEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 488 | Tollhouse | 20 | 86 | 5 | 5 | 5 | 2 | 0.2 | 65 | 65 | 65 | 9 | 30 | 50 | 400 | 0.82 | 15.91 | 2.15 | 1.23 | 1.23 | 1.23 | | PHEL | | NHEL |
| 488 | Locobill | 15 | 86 | 5 | 5 | 5 | 3 | 0.24 | 65 | 65 | 65 | 9 | 30 | 50 | 400 | 0.82 | 15.91 | 1.43 | 1.54 | 1.54 | 1.54 | | PHEL | | NHEL |
| 488 | Urban land | 15 | -- | 5 | 5 | 5 | 0 | 0 | 65 | 65 | 65 | 0 | 2 | 50 | 550 | 0.06 | 0.34 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 501 | * Hyte | 35 | 86 | 5 | 5 | 10 | 2 | 0.24 | 15 | 30 | 50 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.15 | 4.44 | 2.22 | 1.33 | PHEL | HEL | | NHEL |
| 501 | Erskine | 25 | 86 | 5 | 5 | 10 | 2 | 0.32 | 15 | 30 | 50 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.15 | 3.33 | 1.67 | 1.00 | | HEL | | NHEL |
| 501 | * Sorrell | 25 | 86 | 5 | 5 | 10 | 3 | 0.28 | 15 | 30 | 50 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 5.71 | 2.86 | 1.71 | PHEL | HEL | | NHEL |
| 503 | Tips | 40 | 86 | 5 | 5 | 5 | 2 | 0.15 | 25 | 45 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 4.27 | 2.37 | 1.78 | | HEL | | NHEL |
| 503 | Erskine | 30 | 86 | 5 | 5 | 5 | 2 | 0.2 | 25 | 45 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 3.20 | 1.78 | 1.33 | | HEL | | NHEL |
| 503 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 25 | 45 | 60 | 25 | 65 | 0 | 0 | 0.00 | 0.00 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 505 | Chollawell | 85 | 86 | 5 | 5 | 5 | 4 | 0.05 | 15 | 30 | 60 | 5 | 20 | 100 | 500 | 0.53 | 9.11 | 1.08 | 42.67 | 21.33 | 10.67 | | NHEL | | NHEL |
| 507 | * Xyno | 40 | 86 | 5 | 5 | 10 | 2 | 0.15 | 15 | 35 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 7.11 | 3.05 | 1.42 | PHEL | HEL | | NHEL |
| 507 | * Canebrake | 30 | 86 | 5 | 5 | 10 | 2 | 0.1 | 15 | 35 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 10.67 | 4.57 | 2.13 | PHEL | HEL | | NHEL |
| 507 | * Pilotwell | 15 | 86 | 5 | 5 | 10 | 3 | 0.1 | 15 | 35 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 16.00 | 6.86 | 3.20 | | PHEL | HEL | NHEL |
| 508 | * Pilotwell | 45 | 86 | 5 | 5 | 10 | 3 | 0.1 | 15 | 30 | 50 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 16.00 | 8.00 | 4.80 | | PHEL | HEL | NHEL |
| 508 | * Xyno | 25 | 86 | 5 | 5 | 10 | 2 | 0.15 | 15 | 30 | 50 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 7.11 | 3.56 | 2.13 | PHEL | HEL | | NHEL |
| 508 | Rock outcrop | 15 | -- | 5 | 5 | 10 | 0 | 0 | 15 | 30 | 50 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 509 | * Xyno | 40 | 86 | 5 | 5 | 5 | 2 | 0.15 | 15 | 30 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 7.11 | 3.56 | 1.78 | PHEL | HEL | | NHEL |
| 509 | * Faycreek | 20 | 86 | 5 | 5 | 5 | 2 | 0.1 | 15 | 30 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 10.67 | 5.33 | 2.67 | PHEL | HEL | | NHEL |
| 509 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 30 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 510 | * Xyno | 35 | 86 | 5 | 5 | 10 | 2 | 0.15 | 15 | 30 | 55 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 7.11 | 3.56 | 1.94 | PHEL | HEL | | NHEL |
| 510 | * Canebrake | 30 | 86 | 5 | 5 | 10 | 2 | 0.1 | 15 | 30 | 55 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 10.67 | 5.33 | 2.91 | PHEL | HEL | | NHEL |
| 510 | * Pilotwell | 15 | 86 | 5 | 5 | 10 | 3 | 0.1 | 15 | 30 | 55 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 16.00 | 8.00 | 4.36 | | PHEL | HEL | NHEL |
| 512 | * Chollawell | 60 | 56 | 5 | 5 | 5 | 5 | 0.15 | 15 | 30 | 65 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 0.56 | 17.78 | 8.89 | 4.10 | | NHEL | PHEL | NHEL |
| 512 | Chollawell | 15 | 56 | 5 | 5 | 5 | 5 | 0.15 | 15 | 30 | 65 | 2 | 8 | 100 | 550 | 0.20 | 2.33 | 0.56 | 17.78 | 8.89 | 4.10 | | NHEL | | NHEL |
| 514 | Chollawell | 50 | 86 | 5 | 5 | 5 | 4 | 0.05 | 15 | 30 | 60 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 1.08 | 42.67 | 21.33 | 10.67 | | NHEL | | NHEL |
| 514 | Inyo | 35 | 134 | 5 | 5 | 5 | 5 | 0.1 | 15 | 30 | 60 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 1.34 | 26.67 | 13.33 | 6.67 | | NHEL | | NHEL |
| 515 | * Scodie | 35 | 86 | 5 | 5 | 10 | 2 | 0.1 | 25 | 50 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 6.40 | 3.20 | 2.13 | PHEL | HEL | | NHEL |
| 515 | * Canebrake | 30 | 86 | 5 | 5 | 10 | 2 | 0.1 | 25 | 50 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 6.40 | 3.20 | 2.13 | PHEL | HEL | | NHEL |
| 515 | Xyno | 20 | 86 | 5 | 5 | 10 | 2 | 0.15 | 25 | 50 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 4.27 | 2.13 | 1.42 | | HEL | | NHEL |
| 516 | * Xyno | 45 | 86 | 5 | 5 | 5 | 2 | 0.15 | 15 | 30 | 65 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 7.11 | 3.56 | 1.64 | PHEL | HEL | | NHEL |
| 516 | * Canebrake | 20 | 86 | 5 | 5 | 5 | 2 | 0.1 | 15 | 30 | 65 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 10.67 | 5.33 | 2.46 | PHEL | HEL | | NHEL |
| 516 | Rock outcrop | 20 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 30 | 65 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 517 | * Southlake | 55 | 86 | 5 | 5 | 5 | 5 | 0.2 | 15 | 30 | 75 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 0.86 | 13.33 | 6.67 | 2.67 | | NHEL | PHEL | NHEL |
| 517 | * Southlake | 20 | 86 | 5 | 5 | 5 | 5 | 0.2 | 15 | 30 | 75 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 0.86 | 13.33 | 6.67 | 2.67 | | NHEL | PHEL | NHEL |
| 517 | Goodale | 15 | 86 | 5 | 5 | 5 | 5 | 0.05 | 15 | 30 | 75 | 5 | 15 | 100 | 500 | 0.53 | 5.72 | 0.86 | 53.33 | 26.67 | 10.67 | | NHEL | | NHEL |
| 518 | * Backcanyon | 50 | 86 | 5 | 5 | 5 | 1 | 0.15 | 15 | 25 | 30 | 15 | 50 | 50 | 300 | 1.82 | 30.87 | 4.30 | 3.56 | 2.13 | 1.78 | | PHEL | HEL | NHEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 518 | Rock outcrop | 30 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 30 | 15 | 50 | 50 | 300 | 1.82 | 30.87 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 520 | * Kernville | 50 | 86 | 5 | 5 | 5 | 1 | 0.17 | 15 | 25 | 30 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 4.30 | 3.14 | 1.88 | 1.57 | | PHEL | HEL | NHEL |
| 520 | Hogeye | 20 | 86 | 5 | 5 | 5 | 3 | 0.24 | 15 | 25 | 30 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 1.43 | 6.67 | 4.00 | 3.33 | | PHEL | | NHEL |
| 520 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 30 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 523 | Kernville | 45 | 86 | 5 | 5 | 5 | 1 | 0.1 | 25 | 45 | 65 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 4.30 | 3.20 | 1.78 | 1.23 | | HEL | | NHEL |
| 523 | * Faycreek | 20 | 86 | 5 | 5 | 5 | 2 | 0.1 | 25 | 45 | 65 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 6.40 | 3.56 | 2.46 | PHEL | HEL | | NHEL |
| 523 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 25 | 45 | 65 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 525 | * Hungrygulch | 35 | 86 | 5 | 5 | 5 | 3 | 0.32 | 15 | 25 | 30 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 5.00 | 3.00 | 2.50 | PHEL | HEL | | NHEL |
| 525 | Kernville | 30 | 86 | 5 | 5 | 5 | 1 | 0.2 | 15 | 25 | 30 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 4.30 | 2.67 | 1.60 | 1.33 | | HEL | | NHEL |
| 525 | * Hogeye | 20 | 86 | 5 | 5 | 5 | 3 | 0.24 | 15 | 25 | 30 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 6.67 | 4.00 | 3.33 | PHEL | HEL | | NHEL |
| 530 | Alberti | 45 | 38 | 5 | 5 | 5 | 2 | 0.37 | 15 | 20 | 25 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 0.95 | 2.88 | 2.16 | 1.73 | | PHEL | | NHEL |
| 530 | Alberti | 40 | 38 | 5 | 5 | 5 | 2 | 0.37 | 15 | 20 | 25 | 15 | 50 | 50 | 300 | 1.658 | 18.21 | 0.95 | 2.88 | 2.16 | 1.73 | | PHEL | | NHEL |
| 531 | Tweedy | 40 | 86 | 5 | 5 | 5 | 3 | 0.28 | 25 | 25 | 25 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 1.43 | 3.43 | 3.43 | 3.43 | | HEL | | NHEL |
| 531 | Erskine | 25 | 86 | 5 | 5 | 5 | 2 | 0.32 | 25 | 25 | 25 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 2.15 | 2.00 | 2.00 | 2.00 | | HEL | | NHEL |
| 531 | Alberti | 20 | 38 | 5 | 5 | 5 | 2 | 0.37 | 25 | 25 | 25 | 30 | 60 | 50 | 250 | 4.119 | 19.827 | 0.95 | 1.73 | 1.73 | 1.73 | | HEL | | NHEL |
| 532 | Alberti | 80 | 38 | 5 | 5 | 5 | 2 | 0.32 | 25 | 25 | 25 | 5 | 30 | 100 | 400 | 0.53 | 11.746 | 0.95 | 2.00 | 2.00 | 2.00 | | PHEL | | NHEL |
| 540 | Canebrake | 60 | 86 | 5 | 5 | 5 | 2 | 0.1 | 35 | 55 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 4.57 | 2.91 | 2.13 | | HEL | | NHEL |
| 540 | * Lachim | 20 | 86 | 5 | 5 | 5 | 3 | 0.1 | 35 | 55 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 6.86 | 4.36 | 3.20 | PHEL | HEL | | NHEL |
| 541 | Canebrake | 45 | 86 | 5 | 5 | 5 | 2 | 0.1 | 40 | 55 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 4.00 | 2.91 | 2.13 | | HEL | | NHEL |
| 541 | Lachim | 20 | 134 | 5 | 5 | 5 | 3 | 0.15 | 40 | 55 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.23 | 4.00 | 2.91 | 2.13 | | HEL | | NHEL |
| 541 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 40 | 55 | 75 | 25 | 65 | 50 | 250 | 4.17 | 40.73 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 543 | Wortley | 45 | 86 | 5 | 5 | 5 | 2 | 0.17 | 35 | 65 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 2.69 | 1.45 | 1.25 | | HEL | | NHEL |
| 543 | Indiano | 25 | 86 | 5 | 5 | 5 | 3 | 0.15 | 35 | 65 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 4.57 | 2.46 | 2.13 | | HEL | | NHEL |
| 543 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 35 | 65 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 544 | Xeric Haplargids | 60 | 86 | 5 | 5 | 5 | 2 | 0.17 | 55 | 65 | 75 | 5 | 30 | 100 | 500 | 0.53 | 17.76 | 2.15 | 1.71 | 1.45 | 1.25 | | PHEL | | NHEL |
| 544 | Lithic Xeric Haplargids | 20 | 86 | 5 | 5 | 5 | 1 | 0.1 | 55 | 65 | 75 | 5 | 30 | 100 | 500 | 0.53 | 17.76 | 4.30 | 1.45 | 1.23 | 1.07 | | PHEL | | NHEL |
| 545 | Sacatar | 50 | 134 | 5 | 5 | 10 | 3 | 0.15 | 25 | 50 | 75 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 2.23 | 6.40 | 3.20 | 2.13 | | PHEL | | NHEL |
| 545 | Canebrake | 30 | 86 | 5 | 5 | 10 | 2 | 0.1 | 25 | 50 | 75 | 9 | 30 | 100 | 400 | 1.17 | 15.91 | 2.15 | 6.40 | 3.20 | 2.13 | | PHEL | | NHEL |
| 549 | Tunawee | 60 | 86 | 5 | 5 | 5 | 2 | 0.1 | 70 | 75 | 85 | 15 | 40 | 50 | 300 | 1.82 | 21.86 | 2.15 | 2.29 | 2.13 | 1.88 | | PHEL | | NHEL |
| 549 | Rock outcrop | 25 | -- | 5 | 5 | 5 | 0 | 0 | 70 | 75 | 85 | 15 | 40 | 50 | 300 | 1.82 | 21.86 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 550 | Kenypeak | 40 | 56 | 5 | 5 | 10 | 1 | 0.15 | 70 | 70 | 75 | 60 | 80 | 50 | 300 | 16.37 | 57.67 | 2.80 | 0.76 | 0.76 | 0.71 | | HEL | | NHEL |
| 550 | Rock outcrop | 20 | -- | 5 | 5 | 10 | 0 | 0 | 70 | 70 | 75 | 60 | 100 | 50 | 300 | 16.37 | 72.99 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 550 | Rubble land | 20 | -- | 5 | 5 | 10 | 0 | 0 | 70 | 70 | 75 | 60 | 100 | 50 | 200 | 16.37 | 59.76 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 551 | * Tunawee | 70 | 86 | 5 | 5 | 5 | 2 | 0.1 | 70 | 85 | 95 | 15 | 50 | 50 | 300 | 1.82 | 30.41 | 2.15 | 2.29 | 1.88 | 1.68 | | PHEL | HEL | NHEL |
| 552 | Kenypeak | 60 | 56 | 5 | 5 | 5 | 1 | 0.15 | 60 | 75 | 80 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.80 | 0.89 | 0.71 | 0.67 | | HEL | | NHEL |
| 552 | Torriorthentic Haploxeroll | 25 | 56 | 5 | 5 | 5 | 2 | 0.1 | 60 | 75 | 80 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.40 | 2.67 | 2.13 | 2.00 | | HEL | | NHEL |

# Highly Erodible Map Unit List

## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 553 | Tibbcreek | 75 | 48 | 5 | 5 | 5 | 2 | 0.2 | 75 | 75 | 80 | 5 | 30 | 50 | 400 | 0.38 | 15.91 | 1.20 | 1.07 | 1.07 | 1.00 | | PHEL | | NHEL |
| 554 | Deerspring | 85 | 86 | 5 | 5 | 5 | 5 | 0.2 | 60 | 70 | 95 | 0 | 5 | 200 | 800 | 0.08 | 1.51 | 0.86 | 3.33 | 2.86 | 2.11 | | NHEL | | NHEL |
| 555 | Cumulic Endoaquolls | 75 | 86 | 5 | 5 | 5 | 5 | 0.17 | 65 | 70 | 75 | 0 | 5 | 200 | 600 | 0.08 | 1.31 | 0.86 | 3.62 | 3.36 | 3.14 | | NHEL | | NHEL |
| 556 | Toll | 80 | 134 | 5 | 5 | 10 | 5 | 0.1 | 40 | 70 | 95 | 2 | 9 | 100 | 550 | 0.20 | 2.75 | 1.34 | 10.00 | 5.71 | 4.21 | | NHEL | | NHEL |
| 557 | Scodie | 35 | 86 | 5 | 5 | 20 | 2 | 0.1 | 40 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 4.00 | 2.29 | 1.68 | | HEL | | NHEL |
| 557 | Canebrake | 25 | 134 | 5 | 5 | 20 | 2 | 0.1 | 40 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 3.35 | 4.00 | 2.29 | 1.68 | | HEL | | NHEL |
| 557 | * Deadfoot | 20 | 86 | 5 | 5 | 20 | 3 | 0.1 | 40 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 6.00 | 3.43 | 2.53 | PHEL | HEL | | NHEL |
| 558 | Indiano | 60 | 86 | 5 | 5 | 5 | 3 | 0.15 | 55 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 2.91 | 2.29 | 1.68 | | HEL | | NHEL |
| 558 | Wortley | 20 | 86 | 5 | 5 | 5 | 2 | 0.17 | 55 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 1.71 | 1.34 | 0.99 | | HEL | | NHEL |
| 560 | Sacatar | 30 | 134 | 5 | 5 | 5 | 3 | 0.15 | 45 | 70 | 90 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 2.23 | 3.56 | 2.29 | 1.78 | | PHEL | | NHEL |
| 560 | Wortley | 30 | 86 | 5 | 5 | 5 | 2 | 0.2 | 45 | 70 | 90 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 2.15 | 1.78 | 1.14 | 0.89 | | PHEL | | NHEL |
| 560 | Calpine | 20 | 86 | 5 | 5 | 5 | 5 | 0.17 | 45 | 70 | 90 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 0.86 | 5.23 | 3.36 | 2.61 | | PHEL | | NHEL |
| 561 | Scodie | 30 | 86 | 5 | 5 | 5 | 2 | 0.1 | 50 | 65 | 80 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 2.15 | 3.20 | 2.46 | 2.00 | | PHEL | | NHEL |
| 561 | Sacatar | 25 | 134 | 5 | 5 | 5 | 3 | 0.15 | 50 | 65 | 80 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 2.23 | 3.20 | 2.46 | 2.00 | | PHEL | | NHEL |
| 561 | Canebrake | 20 | 86 | 5 | 5 | 5 | 2 | 0.15 | 50 | 65 | 80 | 9 | 30 | 100 | 400 | 1.17 | 15.91 | 2.15 | 2.13 | 1.64 | 1.33 | | PHEL | | NHEL |
| 562 | Deerspring | 85 | 86 | 5 | 5 | 5 | 5 | 0.32 | 70 | 70 | 70 | 0 | 5 | 200 | 800 | 0.08 | 1.51 | 0.86 | 1.79 | 1.79 | 1.79 | | NHEL | | NHEL |
| 570 | * Deadfoot | 40 | 86 | 5 | 5 | 20 | 3 | 0.1 | 30 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.43 | 8.00 | 3.43 | 2.53 | PHEL | HEL | | NHEL |
| 570 | Rock outcrop | 20 | -- | 5 | 5 | 20 | 0 | 0 | 30 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 570 | Scodie | 20 | 86 | 5 | 5 | 20 | 2 | 0.1 | 30 | 70 | 95 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 5.33 | 2.29 | 1.68 | | HEL | | NHEL |
| 590 | Xyno | 35 | 86 | 5 | 5 | 5 | 2 | 0.15 | 30 | 40 | 70 | 9 | 30 | 100 | 400 | 1.16 | 15.91 | 2.15 | 3.56 | 2.67 | 1.52 | | PHEL | | NHEL |
| 590 | Canebrake | 25 | 86 | 5 | 5 | 5 | 2 | 0.1 | 30 | 40 | 70 | 9 | 30 | 100 | 400 | 1.16 | 15.91 | 2.15 | 5.33 | 4.00 | 2.29 | | PHEL | | NHEL |
| 590 | Pilotwell | 20 | 86 | 5 | 5 | 5 | 3 | 0.1 | 30 | 40 | 70 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 1.43 | 8.00 | 6.00 | 3.43 | | PHEL | | NHEL |
| 591 | * Xyno | 50 | 86 | 5 | 5 | 5 | 2 | 0.15 | 15 | 25 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 7.11 | 4.27 | 1.78 | PHEL | HEL | | NHEL |
| 591 | * Canebrake | 20 | 86 | 5 | 5 | 5 | 2 | 0.1 | 15 | 25 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 2.15 | 10.67 | 6.40 | 2.67 | | PHEL | HEL | NHEL |
| 591 | Rock outcrop | 15 | -- | 5 | 5 | 5 | 0 | 0 | 15 | 25 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 599 | Rock outcrop | 80 | -- | 5 | 5 | 5 | 0 | 0 | 65 | 65 | 70 | 30 | 100 | 10 | 400 | 2.50 | 84.52 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 610 | Hyte | 40 | 86 | 5 | 5 | 5 | 2 | 0.15 | 40 | 45 | 45 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 2.15 | 2.67 | 2.37 | 2.37 | | PHEL | | NHEL |
| 610 | Erskine | 35 | 86 | 5 | 5 | 5 | 2 | 0.2 | 40 | 45 | 45 | 5 | 30 | 100 | 400 | 0.53 | 15.91 | 2.15 | 2.00 | 1.78 | 1.78 | | PHEL | | NHEL |
| 650 | Stineway | 40 | 56 | 5 | 5 | 5 | 1 | 0.15 | 15 | 45 | 75 | 30 | 75 | 50 | 250 | 5.62 | 48.83 | 2.80 | 3.56 | 1.19 | 0.71 | | HEL | | NHEL |
| 650 | Kiscove | 30 | 48 | 5 | 5 | 5 | 2 | 0.24 | 15 | 45 | 75 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 1.20 | 4.44 | 1.48 | 0.89 | | HEL | | NHEL |
| 650 | Rock outcrop | 15 | 0 | 5 | 5 | 5 | 0 | 0 | 15 | 45 | 75 | 30 | 75 | 0 | 0 | 0.00 | 0.00 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 3250 | Jawbone | 50 | 134 | 10 | 15 | 20 | 1 | 0.15 | 20 | 20 | 25 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 20.10 | 2.67 | 2.67 | 2.13 | | HEL | | HEL |
| 3250 | Jawbone | 40 | 134 | 10 | 15 | 20 | 2 | 0.15 | 20 | 20 | 25 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 10.05 | 5.33 | 5.33 | 4.27 | | HEL | | HEL |
| 4432 | Koehn | 70 | 134 | 10 | 15 | 20 | 5 | 0.15 | 20 | 20 | 20 | 2 | 4 | 100 | 600 | 0.20 | 0.82 | 4.02 | 13.33 | 13.33 | 13.33 | | NHEL | | NHEL |
| 4432 | Koehn | 15 | 134 | 10 | 15 | 20 | 5 | 0.15 | 20 | 20 | 20 | 2 | 4 | 100 | 600 | 0.20 | 0.82 | 4.02 | 13.33 | 13.33 | 13.33 | | NHEL | | NHEL |
| 5201 | Wingap | 55 | 86 | 5 | 10 | 20 | 4 | 0.15 | 20 | 35 | 55 | 8 | 30 | 100 | 400 | 0.99 | 15.91 | 2.15 | 10.67 | 6.10 | 3.88 | | PHEL | | NHEL |

## Highly Erodible Map Unit List
## Soil Survey of Kern County, Northeast Part, California and Eastern Part of Tulare County (CA668)

| MUSYM | COMPNAME \1 | Comp PCT | WEI | C Low | C Mean | C High | T | Kf | R Low | R Mean | R High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI MEAN wind C*I/T | 8t/rk Low R | 8t/rk Mean R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL High R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5201 | * Pinyonpeak | 30 | 56 | 5 | 10 | 20 | 1 | 0.17 | 20 | 35 | 55 | 8 | 30 | 100 | 400 | 0.99 | 15.91 | 5.60 | 2.35 | 1.34 | 0.86 | | PHEL | HEL | NHEL |
| 5210 | Grandora | 30 | 0 | 5 | 5 | 5 | 5 | 0.1 | 35 | 45 | 60 | 30 | 60 | 50 | 250 | 5.62 | 36.60 | 0.00 | 11.43 | 8.89 | 6.67 | | PHEL | | NHEL |
| 5210 | Grandora | 30 | 0 | 5 | 5 | 5 | 5 | 0.1 | 35 | 45 | 60 | 15 | 50 | 50 | 300 | 1.82 | 30.41 | 0.00 | 11.43 | 8.89 | 6.67 | | PHEL | | NHEL |
| 5210 | * Pinyonpeak | 30 | 56 | 5 | 5 | 5 | 1 | 0.17 | 35 | 45 | 60 | 8 | 30 | 100 | 400 | 0.99 | 15.91 | 2.80 | 1.34 | 1.05 | 0.78 | | PHEL | HEL | NHEL |
| 6001 | Goldpeak | 55 | 86 | 5 | 5 | 20 | 5 | 0.17 | 40 | 40 | 40 | 2 | 8 | 100 | 550 | 0.20 | 2.33 | 0.86 | 5.88 | 5.88 | 5.88 | | NHEL | | NHEL |
| 6001 | Pinyonpeak | 15 | 56 | 5 | 5 | 20 | 1 | 0.17 | 40 | 40 | 40 | 8 | 30 | 100 | 400 | 0.99 | 15.91 | 2.80 | 1.18 | 1.18 | 1.18 | | PHEL | | NHEL |
| 6001 | Wingap | 15 | 86 | 5 | 5 | 20 | 4 | 0.15 | 40 | 40 | 40 | 4 | 15 | 100 | 500 | 0.40 | 5.72 | 1.08 | 5.33 | 5.33 | 5.33 | | PHEL | | NHEL |
| W | Water | 100 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | ---- | ---- | ---- | ---- | | ---- | | ---- |

\1 An asterisk to the left of the component name means that there is more the one HEL stutus for this compnent because of multiple possible R factors. Check the location to see which R factor applies.

\2 A value in this column means that due to multiple possible R factors there is a HEL rating possible that is less severe than the average value. Check the location to see which R factor should be used.

\3 A value in this column means that due to multiple possible R factors there is a HEL rating possible that is more severe than the average value. Check the location to see which R factor should be used.