- HIGHLY ERODIBLE LAND CLASSES  MALHEUR COUNTY, OREGON NORTHEAST PART
1 = HIGHLY ERODIBLE LAND  641  MARCH 24, 1987
2 = POTENTIALLY HIGHLY ERODIBLE
3 = NOT HIGHLY ERODIBLE

| MAP SYMBOL | SOIL NAME | % | WIND EROSION C VALUE | I VALUE | HEL CLASS | R VALUE | K VALUE | T VALUE | WATER EROSION SLOPE-PERCEN MIN. | MAX. | SLOPE--LENGTH MIN. | MAX. | LS-VALUE MIN. | MAX. | ST/RK | HEL CLASS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | AHTANUM | 1 100 | 0.20 | ~~86~~ 56 | +3 | 10 | 0.49 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 3.27 | 3 |
| 2 | BALDOCK | 1 100 | 0.20 | 86 | 3 | 10 | 0.32 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 12.50 | 3 |
| 3 | BULLY | 1 100 | 0.20 | 56 | 3 | 10 | 0.43 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 9.30 | 3 |
| 4A | CENCOVE | 1 100 | 0.20 | 86 | 1 | 10 | 0.20 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 8.00 | 3 |
| 4B | CENCOVE | 1 100 | 0.20 | 86 | 1 | 10 | 0.20 | 2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 8.00 | 3 |
| 4C | CENCOVE | 1 100 | 0.20 | 86 | 1 | 10 | 0.20 | 2 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 8.00 | 3 |
| 4D | CENCOVE | 1 100 | 0.20 | 86 | 1 | 10 | 0.20 | 2 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 8.00 | 3 |
| 5B | CHILCOTT | 1 100 | 0.20 | 56 | 3 | 10 | 0.49 | 2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 3.27 | 3 |
| 5C | CHILCOTT | 1 100 | 0.20 | 56 | 3 | 10 | 0.49 | 2 | 5 | 12 | 400 | 600 | 1.56 | 3.50 | 3.27 | 2 3 |
| 7 | FALK VARIANT | 1 100 | 0.20 | 86 | 3 | 10 | 0.17 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 23.53 | 3 |
| 8A | FELTHAM | 1 100 | 0.20 | 134 | 3 | 10 | 0.20 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 20.00 | 3 |
| 8C | FELTHAM | 1 100 | 0.20 | 134 | 3 | 10 | 0.20 | 5 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 20.00 | 3 |
| 9B | FELTHAM | 1 100 | 0.20 | 86 | 3 | 10 | 0.28 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 14.29 | 3 |
| 9C | FELTHAM | 1 100 | 0.20 | 86 | 3 | 10 | 0.28 | 5 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 14.29 | 3 |
| 9D | FELTHAM | 1 100 | 0.20 | 86 | 3 | 10 | 0.28 | 5 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 14.29 | 3 |
| 10 | FELTHAM VARIANT | 1 100 | 0.20 | 134 | 1 | 10 | 0.20 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 8.00 | 3 |
| 11A | FROHMAN | 1 100 | 0.20 | 56 | +3 | 10 | 0.49 | +2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 1.63 | 3 |
| 11B | FROHMAN | 1 100 | 0.20 | 56 | +3 | 10 | 0.49 | +2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 1.63 | ~~+~~ 3 |
| 11C | FROHMAN | 1 100 | 0.20 | 56 | +3 | 10 | 0.49 | +2 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 1.63 | ~~+~~ 3 |
| 11D | FROHMAN | 1 100 | 0.20 | 56 | +3 | 10 | 0.49 | +2 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 1.63 | +2 |
| 11E | FROHMAN | 1 100 | 0.20 | 56 | +3 | 10 | 0.49 | +2 | 12 | 20 | 250 | 550 | 2.26 | 4.71 | 1.63 | +2 |
| 12A | GARBUTT | 1 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 8.16 | 3 |
| 12B | GARBUTT | 1 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 8.16 | 3 |
| 13A | GREENLEAF | 1 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 8.16 | 3 |
| 13B | GREENLEAF | 1 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 8.16 | 3 |
| 14 | HARANA | 1 100 | 0.20 | 48 | 3 | 10 | 0.32 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 12.50 | 3 |
| 15 | HARANA | 1 100 | 0.20 | 48 | 3 | 10 | 0.32 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 12.50 | 3 |
| 16 | HARANA | 1 100 | 0.20 | 38 | 3 | 10 | 0.32 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 12.50 | 3 |
| 17 | KIESEL | 1 100 | 0.20 | 86 | 3 | 10 | 0.43 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 9.30 | 3 |
| 18 | KIMBERLY | 1 100 | 0.20 | 86 | 3 | 10 | 0.32 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 12.50 | 3 |
| 19A | MCLOUGHLIN | 1 100 | 0.20 | 86 | 3 | 10 | 0.55 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 7.27 | 3 |
| 19B | MCLOUGHLIN | 1 100 | 0.20 | 86 | 3 | 10 | 0.55 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 7.27 | 3 |
| 19C | MCLOUGHLIN | 1 100 | 0.20 | 86 | 3 | 10 | 0.55 | 5 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 7.27 | 3 |
| 20 | NOTUS | 1 55 | 0.20 | 86 | 1 | 10 | 0.28 | 1 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 2.86 | 3 |
| 20 | FALK VARIANT | 2 25 | 0.20 | 86 | 3 | 10 | 0.17 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 23.53 | 3 |
| 21A | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 4.32 | 3 |
| 21B | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 4.32 | 3 |
| 21C | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 4.32 | 3 |
| 21D | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 4.32 | 3 |
| 21E | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 12 | 20 | 250 | 550 | 2.26 | 4.71 | 4.32 | 2 3 |
| 22A | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 4.32 | 3 |
| 22B | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 4.32 | 3 |
| 22C | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 4.32 | 3 |
| 22D | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 4.32 | 3 |
| 22E | NYSSA | 1 100 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 12 | 20 | 250 | 550 | 2.26 | 4.71 | 4.32 | 2 |
| 23A | NYSSA | 1 55 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 4.32 | 3 |
| 23B | NYSSA | 1 55 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 4.32 | 3 |

| MAP SYMBOL | SOIL NAME | * | % | C VALUE | I VALUE | HEL CLASS | R VALUE | K VALUE | T VALUE | SLOPE- MIN. | PERCEN MAX. | SLOPE--LENGTH MIN. | MAX. | LS- MIN. | VALUE MAX. | ST/RK | HEL CLASS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23C | NYSSA | 1 | 55 | 0.20 | 56 | 3 | 10 | 0.37 | 2 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 4.32 | 3 |
| 23A | MALHEUR | 2 | 30 | 0.20 | 48 | 3 | 10 | 0.49 | 3 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 4.90 | 3 |
| 23B | MALHEUR | 2 | 30 | 0.20 | 48 | 3 | 10 | 0.49 | 3 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 4.90 | 3 |
| 23C | MALHEUR | 2 | 30 | 0.20 | 48 | 3 | 10 | 0.49 | 3 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 4.90 | 3 |
| 24 | OTOOLE | 1 | 100 | 0.20 | 86 | 1 | 10 | 0.43 | 1 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 1.86 | 3 |
| 25A | OWYHEE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 8.16 | 3 |
| 25B | OWYHEE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 8.16 | 3 |
| 25C | OWYHEE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 8.16 | 3 |
| 25D | OWYHEE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 8.16 | 3 |
| 25E | OWYHEE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.49 | 5 | 12 | 20 | 250 | 550 | 2.26 | 4.71 | 8.16 | 3 |
| 26 | PODEN | 1 | 100 | 0.20 | 48 | 3 | 10 | 0.28 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 5.71 | 3 |
| 27 | POWDER | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.37 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 10.81 | 3 |
| 28A | QUINCY | 1 | 100 | 0.20 | 134 | 3 | 10 | 0.17 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 23.53 | 3 |
| 28B | QUINCY | 1 | 100 | 0.20 | 134 | 3 | 10 | 0.17 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 23.53 | 3 |
| 30A | SAGEHILL | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.32 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 12.50 | 3 |
| 30B | SAGEHILL | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.32 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 12.50 | 3 |
| 30C | SAGEHILL | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.32 | 5 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 12.50 | 3 |
| 30E | SAGEHILL | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.32 | 5 | 12 | 20 | 250 | 550 | 2.26 | 4.71 | 12.50 | 3 |
| 31A | STANFIELD | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.43 | 3 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 5.58 | 3 |
| 32A | TRUESDALE | 1 | 100 | 0.20 | 86 | 1 | 10 | 0.24 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 6.67 | 3 |
| 32B | TRUESDALE | 1 | 100 | 0.20 | 86 | 1 | 10 | 0.24 | 2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 6.67 | 3 |
| 32C | TRUESDALE | 1 | 100 | 0.20 | 86 | 1 | 10 | 0.24 | 2 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 6.67 | 3 |
| 32D | TRUESDALE | 1 | 100 | 0.20 | 86 | 1 | 10 | 0.24 | 2 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 6.67 | 3 |
| 33A | TURBYFILL | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.28 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 14.29 | 3 |
| 33B | TURBYFILL | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.28 | 5 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 14.29 | 3 |
| 34 | UMAPINE | 1 | 100 | 0.20 | 86 | 3 | 10 | 0.43 | 5 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 9.30 | 3 |
| 35A | VIRTUE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.32 | 2 | 0 | 2 | 400 | 900 | 0.00 | 1.23 | 5.00 | 3 |
| 35B | VIRTUE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.32 | 2 | 2 | 5 | 400 | 900 | 0.82 | 2.34 | 5.00 | 3 |
| 35C | VIRTUE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.32 | 2 | 5 | 8 | 400 | 800 | 1.56 | 3.05 | 5.00 | 3 |
| 35D | VIRTUE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.32 | 2 | 8 | 12 | 400 | 600 | 2.16 | 3.50 | 5.00 | 3 |
| 35E | VIRTUE | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.32 | 2 | 12 | 20 | 250 | 550 | 2.26 | 4.71 | 5.00 | 3 |
| 36E | XERIC TORRIORTHENT | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.32 | 5 | 5 | 20 | 400 | 550 | 1.56 | 4.71 | 12.50 | 3 |
| 36F | XERIC TORRIORTHENT | 1 | 100 | 0.20 | 56 | 3 | 10 | 0.32 | 5 | 20 | 60 | 250 | 300 | 3.18 | 6.40 | 12.50 | 3 |