# CART Soil Data Access Domains

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Note: In some domains, the “Soil Interpretation Rating Class”" is 0 or 1. In these domains, one (1) indicates presence and zero (0) indicates absence.

| **Line** | **CART Rating** | **Attribute Name** | **Soil Interpretation Rating Class** |
| --- | --- | --- | --- |
| 1 | Surface Salt Concentration:1 | Surface Salt Concentration | High surface salinization risk or already saline |
| 2 | Surface Salt Concentration:2 | Surface Salt Concentration | Surface salinization risk |
| 3 | Surface Salt Concentration:3 | Surface Salt Concentration | Low surface salinization risk |
| 4 | Surface Salt Concentration:4 | Surface Salt Concentration | Not rated |
| 5 | Soil Susceptibility to Compaction:1 | Soil Susceptibility to Compaction | High |
| 6 | Soil Susceptibility to Compaction:2 | Soil Susceptibility to Compaction | Medium |
| 7 | Soil Susceptibility to Compaction:3 | Soil Susceptibility to Compaction | Low |
| 8 | Soil Susceptibility to Compaction:4 | Soil Susceptibility to Compaction | Not rated |
| 9 | Organic Matter Depletion:1 | Organic Matter Depletion | OM depletion high |
| 10 | Organic Matter Depletion:2 | Organic Matter Depletion | OM depletion moderately high |
| 11 | Organic Matter Depletion:3 | Organic Matter Depletion | OM depletion moderate |
| 12 | Organic Matter Depletion:4 | Organic Matter Depletion | OM depletion moderately low |
| 13 | Organic Matter Depletion:5 | Organic Matter Depletion | OM depletion low |
| 14 | Organic Matter Depletion:6 | Organic Matter Depletion | Not rated |
| 15 | Agricultural Organic Soil Subsidence:1 | Agricultural Organic Soil Subsidence | Severe subsidence |
| 16 | Agricultural Organic Soil Subsidence:2 | Agricultural Organic Soil Subsidence | Moderate subsidence |
| 17 | Agricultural Organic Soil Subsidence:3 | Agricultural Organic Soil Subsidence | Low subsidence |
| 18 | Agricultural Organic Soil Subsidence:4 | Agricultural Organic Soil Subsidence | Mineral soil |
| 19 | Agricultural Organic Soil Subsidence:5 | Agricultural Organic Soil Subsidence | Not rated |
| 20 | Suitability for Aerobic Soil Organisms:1 | Suitability for Aerobic Soil Organisms | Not favorable |
| 21 | Suitability for Aerobic Soil Organisms:2 | Suitability for Aerobic Soil Organisms | Somewhat favorable |
| 22 | Suitability for Aerobic Soil Organisms:3 | Suitability for Aerobic Soil Organisms | Very favorable |
| 23 | Suitability for Aerobic Soil Organisms:4 | Suitability for Aerobic Soil Organisms | Not rated |
| 25 | Ponding or Flooding:1 | Ponding or Flooding | 1 |
| 26 | Ponding or Flooding:0 | Ponding or Flooding | 0 |
| 27 | Ponding or Flooding:2 | Ponding or Flooding | Not rated |
| 28 | Drainage Class: 1 | Drainage class | Excessively drained |
| 29 | Drainage Class: 2 | Drainage class | Somewhat excessively drained |
| 30 | Drainage Class: 3 | Drainage class | Well drained |
| 31 | Drainage Class: 4 | Drainage class | Moderately well drained |
| 32 | Drainage Class: 5 | Drainage class | Somewhat poorly drained |
| 33 | Drainage Class: 6 | Drainage class | Poorly drained |
| 34 | Drainage Class: 7 | Drainage class | Very poorly drained |
| 35 | Drainage Class: 8 | Drainage class | Subaqueous |
| 36 | Drainage Class: 9 | Drainage class | Null |
| 37 | Available Water Storage: 0 | Available Water Storage | 0 |
| 38 | Available Water Storage: 1 | Available Water Storage | 1 |
| 39 | Available Water Storage: 2 | Available Water Storage | Not rated |
| 40 | Soil Organic Carbon Stock: 0 | Soil Organic Carbon Stock | None |
| 41 | Soil Organic Carbon Stock: 1 | Soil Organic Carbon Stock | Very Low |
| 42 | Soil Organic Carbon Stock: 2 | Soil Organic Carbon Stock | Low |
| 43 | Soil Organic Carbon Stock: 3 | Soil Organic Carbon Stock | Moderate |
| 44 | Soil Organic Carbon Stock: 4 | Soil Organic Carbon Stock | Moderately High |
| 45 | Soil Organic Carbon Stock: 5 | Soil Organic Carbon Stock | High |
| 42 | Soil Organic Carbon Stock: 6 | Soil Organic Carbon Stock | Not rated |
| 43 | Aggregate Stability:1 | Aggregate Stability | Low |
| 44 | Aggregate Stability:2 | Aggregate Stability | Moderate |
| 45 | Aggregate Stability:3 | Aggregate Stability | Moderately High |
| 46 | Aggregate Stability:4 | Aggregate Stability | High |
| 47 | Aggregate Stability:5 | Aggregate Stability | Not rated |
| 48 | Water Table: 0 | Water Table | 0 |
| 49 | Water Table: 1 | Water Table | 1 |
| 50 | Water Table: 2 | Water Table | Not rated |
| 51 | Farm Class: 1 | Farm Class | Null |
| 52 | Farm Class: 2 | Farm Class | Prime farmland |
| 53 | Farm Class: 3 | Farm Class | Prime farmland if |
| 54 | Farm Class: 4 | Farm Class | State importance |
| 55 | Farm Class: 5 | Farm Class | State importance if |
| 56 | Farm Class: 6 | Farm Class | Local importance |
| 57 | Farm Class: 7 | Farm Class | Local importance if |
| 58 | Farm Class: 8 | Farm Class | Not Prime farmland |
| 59 | Farm Class: 9 | Farm Class | Not rated |
| 60 | Hydric Soils:0 | Hydric Soils | 0 |
| 61 | Hydric Soils:1 | Hydric Soils | 1 |
| 62 | Hydric Soils:2 | Hydric Soils | Not rated |
| 63 | Organic Soils: 0 | Organic and Hydric Soils | 0 |
| 64 | Organic Soils: 1 | Organic and Hydric Soils | 1 |
| 65 | Organic Soils: 2 | Organic and Hydric Soils | Not rated |