

# Soils Data Questionnaire Report

May 2020



## SSURGO Experience

Please indicate your level of familiarity/experience with SSURGO.

Are you familiar with SSURGO?

|                                    |    |      |
|------------------------------------|----|------|
| Yes, I currently use it            | 31 | 74%  |
| Yes, but I do not currently use it | 6  | 14%  |
| No, but I am interested            | 5  | 12%  |
| Total                              | 42 | 100% |

If you currently use SSURGO, please indicate the data source:

|                                    |    |      |
|------------------------------------|----|------|
| Download from NRCS website         | 21 | 50%  |
| Download from NJGIN Open Data site | 8  | 19%  |
| Other                              | 13 | 31%  |
| Total                              | 42 | 100% |

Level of expertise:

|              |    |      |
|--------------|----|------|
| Novice       | 12 | 29%  |
| Intermediate | 18 | 43%  |
| Expert       | 12 | 29%  |
| Total        | 42 | 100% |

Level of need:

|                      |    |      |
|----------------------|----|------|
| Low                  | 7  | 17%  |
| Moderate             | 18 | 43%  |
| High                 | 9  | 21%  |
| Business Requirement | 8  | 19%  |
| Total                | 42 | 100% |

Field of use:

|              |    |      |
|--------------|----|------|
| Agriculture  | 6  | 14%  |
| Ecology      | 5  | 12%  |
| Engineering  | 6  | 14%  |
| Soil Science | 4  | 10%  |
| Other        | 21 | 50%  |
| Total        | 42 | 100% |

Who is most likely to wear suspenders?

|                 |    |      |
|-----------------|----|------|
| Geologist       | 4  | 10%  |
| Soil Scientist  | 14 | 33%  |
| Tugboat Captain | 24 | 57%  |
| Total           | 42 | 100% |

NJGF Constituency Groups

|                             |    |      |
|-----------------------------|----|------|
| County Government           | 2  | 5%   |
| Federal Government          | 3  | 7%   |
| Land Surveyor               | 0  | 0%   |
| Municipal Government        | 0  | 0%   |
| Non-government Organization | 2  | 5%   |
| Private Sector              | 7  | 17%  |
| Regional Authority/MPO      | 3  | 7%   |
| State Government            | 23 | 55%  |
| University/College/K-12     | 2  | 5%   |
| Total                       | 42 | 100% |

## SSURGO database table list

Tables with map unit level attributes

Please indicate your level of interest in the database tables below.

Table Label: Mapunit

Table Physical Name: mapunit

The Mapunit table identifies the map units and data related to the map unit as a whole.

|                      |    |      |
|----------------------|----|------|
| None                 | 1  | 2%   |
| Low                  | 2  | 5%   |
| Moderate             | 17 | 40%  |
| High                 | 14 | 33%  |
| Business Requirement | 8  | 19%  |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Mapunit Aggregated Attribute

Table Physical Name: muaggatt

The Mapunit Aggregated Attribute table records a variety of soil attributes and interpretations that have been aggregated from the component level to a single value at the map unit level. They have been aggregated by one or more appropriate means in order to express a consolidated value or interpretation for the map unit as a whole. (Nearly the entirety of attribute information at the map unit level is contained in this table.)

|                      |    |      |
|----------------------|----|------|
| None                 | 1  | 2%   |
| Low                  | 5  | 12%  |
| Moderate             | 13 | 31%  |
| High                 | 18 | 43%  |
| Business Requirement | 4  | 10%  |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Mapunit Crop Yield

Table Physical Name: mucropyld

The Mapunit Crop Yield table lists commonly grown crops and their expected yields for the referenced map unit as a whole. Yields for individual map unit components are given in the Component Crop Yield table.

|                      |    |      |
|----------------------|----|------|
| None                 | 9  | 21%  |
| Low                  | 15 | 36%  |
| Moderate             | 14 | 33%  |
| High                 | 4  | 10%  |
| Business Requirement | 0  | 0%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

## SSURGO database table list

### Tables with component level attributes

#### Soil characteristics

Table Label: Component

Table Physical Name: component

The Component table lists the map unit components identified in the referenced map unit, and selected properties of each component. If the Component % is greater than zero (low=65, RV=75, high=90) for a component, that component exists in every delineation of that map unit. If the Component % includes zero (low=0, RV=50, high=90), the component may exist in some delineations, but not in others.

|                      |    |      |
|----------------------|----|------|
| None                 | 3  | 7%   |
| Low                  | 9  | 21%  |
| Moderate             | 20 | 48%  |
| High                 | 7  | 17%  |
| Business Requirement | 3  | 7%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Interpretation

Table Physical Name: cointerp

The Component Interpretation table lists the predictions of behavior and limiting features for specified uses made for the referenced map unit component.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 6  | 14%  |
| Moderate             | 21 | 50%  |
| High                 | 8  | 19%  |
| Business Requirement | 1  | 2%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Parent Material

Table Physical Name: copm

The Component Parent Material table lists the individual parent material(s) for the referenced map unit component. In some cases where soils developed in multiple materials in a vertical sequence, that sequence will be noted. In other cases multiple entries with no vertical sequence noted indicates the soil may have formed in one of the materials listed.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 10 | 24%  |
| Moderate             | 21 | 50%  |
| High                 | 4  | 10%  |
| Business Requirement | 3  | 7%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Parent Material Group

Table Physical Name: copmgrp

The Component Parent Material Group table lists the concatenated string of parent material(s) in which the referenced map unit component formed based on entries in the Component Parent Material table. For example, a component formed in one parent material, such as loess, or one vertical sequence of parent materials, such as loamy glacial drift over silty residuum weathered from shale, has one row in this table. A component formed in one parent material in some locations, but another parent material (or sequence of parent materials) in other locations has two rows in this table, one for each parent material (or sequence of parent materials). One row is identified as the representative parent material.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 12 | 29%  |
| Moderate             | 19 | 45%  |
| High                 | 3  | 7%   |
| Business Requirement | 3  | 7%   |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Component Diagnostic Features

Table Physical Name: codiagfeatures

The Component Diagnostic Features table lists the typical soil features, such as ochric epipedon or cambic horizon, for the referenced map unit component.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 15 | 36%  |
| Moderate             | 13 | 31%  |
| High                 | 6  | 14%  |
| Business Requirement | 3  | 7%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Restrictions

Table Physical Name: corestrictions

The Component Restrictions table lists the root restrictive feature(s) or layer(s) for the referenced map unit component. If the thickness of the restrictive layer is greater than zero (low=5, RV=8, high=10), the restrictive layer exists in all delineations of the map unit where the component occurs. If the thickness of the restrictive layer includes zero (low=0, RV=2, high=5), the restrictive layer may exist in some delineations, but not in others. This table will be empty if the component does not have restrictive features, but could have several rows if several restrictive features occur in the soil.

|                      |    |      |
|----------------------|----|------|
| None                 | 7  | 17%  |
| Low                  | 14 | 33%  |
| Moderate             | 12 | 29%  |
| High                 | 7  | 17%  |
| Business Requirement | 2  | 5%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Geomorphic Description

Table Physical Name: cogeomordesc

The Component Geomorphic Description table lists the geomorphic features on which the referenced map unit component typically occurs.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 9  | 21%  |
| Moderate             | 14 | 33%  |
| High                 | 11 | 26%  |
| Business Requirement | 2  | 5%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Surface Fragments

Table Physical Name: cosurffrags

The Component Surface Fragments table lists the organic or mineral fragments that generally occur on the surface of the referenced map unit component. If the cover percent is greater than zero (low=0.1, RV=1, high=3) for a row in this table, the fragment is in every delineation of the map unit where the referenced component occurs. If the Cover % includes zero (low=0, RV=0.01, high=1) for a row in this table, the fragment may exist in some delineations and not in others.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 16 | 38%  |
| Moderate             | 14 | 33%  |
| High                 | 4  | 10%  |
| Business Requirement | 2  | 5%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Three Dimensional Surface Morphometry

Table Physical Name: cosurfmorphgc

The Component Three Dimensional Surface Morphometry table lists the typical geomorphic position(s) of the referenced map unit component, in three dimension terms. The geomorphic position(s) listed in this table apply to the geomorphic feature referenced in the Component Geomorphic Description table.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 17 | 40%  |
| Moderate             | 11 | 26%  |
| High                 | 5  | 12%  |
| Business Requirement | 2  | 5%   |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Component Two Dimensional Surface Morphometry

Table Physical Name: cosurfmorphhpp

The Component Two Dimensional Surface Morphometry table lists the geomorphic position(s) of the referenced map unit component, in two dimensional hillslope profile terms. The geomorphic position(s) listed in this table apply to the geomorphic feature referenced in the Component Geomorphic Description table.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 13 | 31%  |
| Moderate             | 14 | 33%  |
| High                 | 7  | 17%  |
| Business Requirement | 2  | 5%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Microrelief Surface Morphometry

Table Physical Name: cosurfmorphmr

The Component Microrelief Surface Morphometry table lists microrelief features associated with the referenced geomorphic (microfeature) feature shown in the Component Geomorphic Description table.

|                      |    |      |
|----------------------|----|------|
| None                 | 7  | 17%  |
| Low                  | 17 | 40%  |
| Moderate             | 11 | 26%  |
| High                 | 4  | 10%  |
| Business Requirement | 3  | 7%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Slope Shape Surface Morphometry

Table Physical Name: cosurfmorphss

The Component Slope Shape Surface Morphometry table lists the geomorphic shape(s) of the referenced map unit component, in slope shape terms. The slope shape terms listed in this table apply to the referenced geomorphic feature shown in the Component Geomorphic Description table.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 13 | 31%  |
| Moderate             | 13 | 31%  |
| High                 | 8  | 19%  |
| Business Requirement | 2  | 5%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Erosion Accelerated

Table Physical Name: coerosionacc

The Component Erosion Accelerated table lists the kinds of accelerated erosion that occur on the referenced map unit component. One row in this table is marked as the representative kind of accelerated erosion for that component.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 10 | 24%  |
| Moderate             | 16 | 38%  |
| High                 | 8  | 19%  |
| Business Requirement | 2  | 5%   |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Component Taxonomic Family Mineralogy

Table Physical Name: cotaxfmmin

The Component Taxonomic Family Mineralogy table lists the mineralogy characteristics, as defined in Soil Taxonomy, that apply to the referenced map unit component.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 13 | 31%  |
| Moderate             | 11 | 26%  |
| High                 | 7  | 17%  |
| Business Requirement | 4  | 10%  |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Component Taxonomic Moisture Class

Table Physical Name: cotaxmoistcl

The Component Taxonomic Moisture Class table provides clear identification of the intended taxonomic moisture class, as defined in Soil Taxonomy, that apply to the referenced map unit component, even though moisture class is implied at a higher taxonomic level. The class or classes listed in this table describe the representative situation for the component.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 9  | 21%  |
| Moderate             | 12 | 29%  |
| High                 | 12 | 29%  |
| Business Requirement | 3  | 7%   |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Component Taxonomic Family Other Criteria

Table Physical Name: cotxfmother

The Component Taxonomic Family Other Criteria table lists the other taxonomic characteristics, such as classes of coatings or permanent cracks, as defined in Soil Taxonomy, that apply to the referenced map unit component. The characteristics listed in this table describe the representative situation for the component.

|                      |    |      |
|----------------------|----|------|
| None                 | 8  | 19%  |
| Low                  | 18 | 43%  |
| Moderate             | 10 | 24%  |
| High                 | 4  | 10%  |
| Business Requirement | 2  | 5%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Soil Temperature

Table Physical Name: cosoiltemp

The Component Soil Temperature table describes the typical soil temperature profile for the referenced map unit component during the month referenced in the Component Month table. The soil temperature profiles for each month, taken as a group of twelve months, describe the representative situation for the component throughout the year.

|                      |    |      |
|----------------------|----|------|
| None                 | 8  | 19%  |
| Low                  | 16 | 38%  |
| Moderate             | 13 | 31%  |
| High                 | 3  | 7%   |
| Business Requirement | 1  | 2%   |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Component Soil Moisture

Table Physical Name: cosoilmoist

The Component Soil Moisture table describes the typical soil moisture profile for the referenced map unit component during the month referenced in the Component Month table. The soil moisture profiles for each month, taken as a group of twelve months, describe the representative situation for the component throughout the year.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 11 | 26%  |
| Moderate             | 11 | 26%  |
| High                 | 11 | 26%  |
| Business Requirement | 4  | 10%  |
| No Response          | 1  | 2%   |
| Total                | 42 | 100% |

Table Label: Component Hydric Criteria

Table Physical Name: cohydriccriteria

The Component Hydric Criteria table lists the hydric soil criteria met for those referenced map unit components that are classified as a "hydric soil."

|                      |    |      |
|----------------------|----|------|
| None                 | 1  | 2%   |
| Low                  | 5  | 12%  |
| Moderate             | 9  | 21%  |
| High                 | 20 | 48%  |
| Business Requirement | 7  | 17%  |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Component Month

Table Physical Name: comonth

The Component Month table lists the monthly flooding and ponding characteristics for the referenced map unit component. This table has one row for each month of the year.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 14 | 33%  |
| Moderate             | 8  | 19%  |
| High                 | 13 | 31%  |
| Business Requirement | 3  | 7%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

## Soil horizon characteristics

Table Label: Horizon

Table Physical Name: chorizon

The Horizon table lists the horizon(s) and related data for the referenced map unit component. If the horizon thickness is greater than zero (low=5, RV=8, high=12), the horizon exists everywhere this component occurs. If the horizon thickness includes zero (low=0, RV=1, high=3), the horizon may exist in some places, but not in other places. Horizons that have two distinct parts, such as E/B or E&Bt horizons, are recorded twice. Once for the characteristics of the first part; and again on another row, using the same depths and thicknesses, for the characteristics of the other part.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 16 | 38%  |
| Moderate             | 10 | 24%  |
| High                 | 8  | 19%  |
| Business Requirement | 3  | 7%   |
| No Response          | 0  | 0%   |
| Total                | 42 | 100% |

Table Label: Horizon Designation Suffix

Table Physical Name: chdesgnsuffix

The Horizon Designation Suffix table contains the designation suffix(es), one per row, for the referenced horizon. For example, the "h" and "s" of a Bhs horizon appear as two rows in this table.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 18 | 43%  |
| Moderate             | 9  | 21%  |
| High                 | 5  | 12%  |
| Business Requirement | 2  | 5%   |
| No Response          | 2  | 5%   |
| Total                | 42 | 100% |

Table Label: Horizon Unified

Table Physical Name: chunified

The Horizon Unified table contains the Unified Soil Classification(s) for the referenced horizon. One row in the Horizon Unified table is marked as the representative Unified classification for the horizon.

|                      |    |      |
|----------------------|----|------|
| None                 | 8  | 19%  |
| Low                  | 17 | 40%  |
| Moderate             | 8  | 19%  |
| High                 | 5  | 12%  |
| Business Requirement | 2  | 5%   |
| No Response          | 2  | 5%   |
| Total                | 42 | 100% |

Table Label: Horizon Structure

Table Physical Name: chstruct

The Horizon Structure table lists the individual soil structure size, grade, and shape terms for the referenced horizon. Terms in this table are assembled into a structure group string which is recorded in the Horizon Structure Group table.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 17 | 40%  |
| Moderate             | 9  | 21%  |
| High                 | 7  | 17%  |
| Business Requirement | 2  | 5%   |
| No Response          | 3  | 7%   |
| Total                | 42 | 100% |

Table Label: Horizon Structure Group

Table Physical Name: chstructgrp

The Horizon Structure Group table lists the ranges of soil structure for the referenced horizon. The row with the typically occurring structure is marked as being representative. The entry in this table is based on grouping of entries in the Horizon Structure table.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 19 | 45%  |
| Moderate             | 7  | 17%  |
| High                 | 5  | 12%  |
| Business Requirement | 2  | 5%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

Table Label: Horizon Consistence

Table Physical Name: chconsistence

The Horizon Consistence table contains descriptive terms of soil consistence -- rupture resistance, plasticity, and stickiness -- for the referenced horizon. One row in this table is marked as having the representative characteristics for the horizon.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 18 | 43%  |
| Moderate             | 7  | 17%  |
| High                 | 5  | 12%  |
| Business Requirement | 3  | 7%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

Table Label: Horizon Fragments

Table Physical Name: chfrags

The Horizon Fragments table lists the mineral and organic fragments that generally occur in the referenced horizon. If the Volume % is greater than zero (low=5, RV=10, high=15) in a row, the kind and size of fragment in that row exists everywhere this horizon and component occur in the map unit. If the Volume % includes zero (low=0, RV=5, high=10), the kind and size of fragment may exist in some places, but not in others.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 20 | 48%  |
| Moderate             | 8  | 19%  |
| High                 | 4  | 10%  |
| Business Requirement | 2  | 5%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

Table Label: Horizon Pores

Table Physical Name: chpores

The Horizon Pores table lists the voids for the referenced horizon. If the Quantity is greater than zero (low=2, RV=5, high=10) in a row, the voids in that row exist everywhere the horizon and component occur in the map unit. If the Quantity includes zero (low=0, RV=2, high=5), the voids may exist in some places, but not in others. More than one row can be marked as an RV row because a horizon may have more than one size or shape of void.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 22 | 52%  |
| Moderate             | 4  | 10%  |
| High                 | 6  | 14%  |
| Business Requirement | 2  | 5%   |
| No Response          | 3  | 7%   |
| Total                | 42 | 100% |

Table Label: Horizon Texture

Table Physical Name: chtexture

The Horizon Texture table lists the individual texture(s), or term(s) used in lieu of texture, for the referenced horizon. Only the unmodified texture terms are listed in the Horizon Texture table; modifiers are listed in the Horizon Texture Modifier table. For example, a gravelly loamy sand is shown as "GR-LS" in the Horizon Texture Group table, "ls" in the Horizon Texture table, and "gr" in the Horizon Texture Modifier table.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 16 | 38%  |
| Moderate             | 4  | 10%  |
| High                 | 10 | 24%  |
| Business Requirement | 3  | 7%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

Table Label: Horizon Texture Group

Table Physical Name: chtexturegrp

The Horizon Texture Group table lists the range of textures for the referenced horizon as a concatenation of horizon texture and texture modifier(s). For example, a horizon that is gravelly loamy sand in some places and gravelly loamy coarse sand in other places is shown as GR-LS on one row and GR-LCOS on another row in this table. The row with the typically occurring texture is identified as the RV row. Stratified textures are shown in one row. For example, a horizon that is stratified gravelly loamy fine sand and cobbly coarse sand is shown as SR- GR-LFS CB-COS on one row and the Stratified? column for that row is marked "yes". If two or more textures always occur together but are not stratified, all of the textures are listed on one row and the Stratified? column for that row is marked "no".

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 17 | 40%  |
| Moderate             | 6  | 14%  |
| High                 | 9  | 21%  |
| Business Requirement | 2  | 5%   |
| No Response          | 3  | 7%   |
| Total                | 42 | 100% |

Table Label: Horizon Texture Modifier

Table Physical Name: chtexturemod

The Horizon Texture Modifier table lists the texture modifier(s) for the referenced texture. For example, a gravelly loamy sand is shown as "GR-LS" in the Horizon Texture Group table, "ls" in the Horizon Texture table, and "gr" in this table.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 17 | 40%  |
| Moderate             | 8  | 19%  |
| High                 | 6  | 14%  |
| Business Requirement | 2  | 5%   |
| No Response          | 3  | 7%   |
| Total                | 42 | 100% |

## Agricultural characteristics

Table Label: Component Crop Yield

Table Physical Name: cocropyld

The Component Crop Yield table lists commonly grown crops and their expected range in yields when grown on the referenced map unit component. Yields for the map unit as a whole are given in the Mapunit Crop Yield table.

|                      |    |      |
|----------------------|----|------|
| None                 | 10 | 24%  |
| Low                  | 13 | 31%  |
| Moderate             | 7  | 17%  |
| High                 | 7  | 17%  |
| Business Requirement | 1  | 2%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

Table Label: Component Potential Windbreak

Table Physical Name: copwindbreak

The Component Potential Windbreak table lists the windbreak plant species commonly recommended for the referenced map unit component. A windbreak plant listed in this table may be used alone or in combination with other plants.

|                      |    |      |
|----------------------|----|------|
| None                 | 12 | 29%  |
| Low                  | 13 | 31%  |
| Moderate             | 7  | 17%  |
| High                 | 6  | 14%  |
| Business Requirement | 0  | 0%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

## Ecological characteristics

Table Label: Component Ecological Classification

Table Physical Name: coecoclass

The Component Ecological Classification table identifies the ecological sites typically associated with the referenced map unit component. These may include the official NRCS forestland and rangeland ecological sites, as well as those of other classification systems, such as the USFS Habitat Types.

|                      |    |      |
|----------------------|----|------|
| None                 | 6  | 14%  |
| Low                  | 10 | 24%  |
| Moderate             | 7  | 17%  |
| High                 | 14 | 33%  |
| Business Requirement | 1  | 2%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

Table Label: Component Existing Plants

Table Physical Name: coeplants

The Component Existing Plants table lists the plants, either rangeland or forestland plants, that typically occur on the referenced map unit component.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 11 | 26%  |
| Moderate             | 9  | 21%  |
| High                 | 13 | 31%  |
| Business Requirement | 1  | 2%   |
| No Response          | 3  | 7%   |
| Total                | 42 | 100% |

Table Label: Component Forest Productivity

Table Physical Name: coforprod

The Component Forest Productivity table lists the site index and the annual productivity in cubic feet per acre per year (CAMI) of forest overstory tree species that typically occur on the referenced map unit component.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 12 | 29%  |
| Moderate             | 12 | 29%  |
| High                 | 10 | 24%  |
| Business Requirement | 1  | 2%   |
| No Response          | 3  | 7%   |
| Total                | 42 | 100% |

Table Label: Component Forest Productivity - Other

Table Physical Name: coforprodo

The Component Forest Productivity - Other table lists the site index and annual productivity of forest overstory tree species in units other than cubic feet per acre per year for trees that typically occur on the referenced map unit component.

|                      |    |      |
|----------------------|----|------|
| None                 | 5  | 12%  |
| Low                  | 15 | 36%  |
| Moderate             | 10 | 24%  |
| High                 | 7  | 17%  |
| Business Requirement | 1  | 2%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |

Table Label: Component Canopy Cover

Table Physical Name: cocanopycover

The Component Canopy Cover table lists the overstory plants that typically occur on the referenced map unit component.

|                      |    |      |
|----------------------|----|------|
| None                 | 4  | 10%  |
| Low                  | 11 | 26%  |
| Moderate             | 8  | 19%  |
| High                 | 15 | 36%  |
| Business Requirement | 1  | 2%   |
| No Response          | 3  | 7%   |
| Total                | 42 | 100% |

Engineering use

Table Label: Horizon AASHTO

Table Physical Name: chaashto

The Horizon AASHTO table contains the American Association of State Highway Transportation Officials classification(s) for the referenced horizon. One row in this table is marked as the representative AASHTO classification for the horizon.

|                      |    |      |
|----------------------|----|------|
| None                 | 8  | 19%  |
| Low                  | 13 | 31%  |
| Moderate             | 7  | 17%  |
| High                 | 8  | 19%  |
| Business Requirement | 2  | 5%   |
| No Response          | 4  | 10%  |
| Total                | 42 | 100% |