

Section II  
Soil and Site Information

Building Site Development  
Lake County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol and soil name | Pct. of map unit | Local roads and streets            |       | Shallow excavations                     |       | Lawns and landscaping                   |       |
|--------------------------|------------------|------------------------------------|-------|---|-------|---|-------|
|                          |                  | Rating class and limiting features | Value | Rating class and limiting features      | Value | Rating class and limiting features      | Value |
| Ba:<br>Badus-----        | 90               | Very limited<br>Frost action       | 1.00  | Very limited<br>Depth to saturated zone | 1.00  | Very limited<br>Depth to saturated zone | 1.00  |
|                          |                  | Flooding                           | 1.00  | Flooding                                | 0.60  | Flooding                                | 0.60  |
|                          |                  | Low strength                       | 1.00  | Cutbanks cave                           | 0.10  |   |       |
|                          |                  | Depth to saturated zone            | 1.00  |   |       |   |       |
|                          |                  | Shrink-swell                       | 0.50  |   |       |   |       |
| Bc:<br>Baltic-----       | 90               | Very limited<br>Ponding            | 1.00  | Very limited<br>Ponding                 | 1.00  | Very limited<br>Ponding                 | 1.00  |
|                          |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone                 | 1.00  | Depth to saturated zone                 | 1.00  |
|                          |                  | Frost action                       | 1.00  | Too clayey                              | 0.28  |   |       |
|                          |                  | Low strength                       | 1.00  | Cutbanks cave                           | 0.10  |   |       |
|                          |                  | Shrink-swell                       | 1.00  |   |       |   |       |
| BGA:<br>Beadle-----      | 85               | Very limited<br>Shrink-swell       | 1.00  | Somewhat limited<br>Cutbanks cave       | 0.10  | Not limited                             |       |
|                          |                  | Low strength                       | 1.00  |   |       |   |       |
| BdB:<br>Beadle-----      | 90               | Very limited<br>Shrink-swell       | 1.00  | Somewhat limited<br>Cutbanks cave       | 0.10  | Not limited                             |       |
|                          |                  | Low strength                       | 1.00  |   |       |   |       |
| BdC:<br>Beadle-----      | 90               | Very limited<br>Shrink-swell       | 1.00  | Somewhat limited<br>Cutbanks cave       | 0.10  | Not limited                             |       |
|                          |                  | Low strength                       | 1.00  |   |       |   |       |
| CaA:<br>Clarno-----      | 90               | Very limited<br>Low strength       | 1.00  | Somewhat limited<br>Cutbanks cave       | 0.10  | Not limited                             |       |
|                          |                  | Shrink-swell                       | 0.50  |   |       |   |       |
|                          |                  | Frost action                       | 0.50  |   |       |   |       |
| CaB:<br>Clarno-----      | 90               | Very limited<br>Low strength       | 1.00  | Somewhat limited<br>Cutbanks cave       | 0.10  | Not limited                             |       |
|                          |                  | Shrink-swell                       | 0.50  |   |       |   |       |
|                          |                  | Frost action                       | 0.50  |   |       |   |       |

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| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                              | Shallow excavations   |              | Lawns and landscaping                 |       |
|-----------------------------|---------------------------|---|------------------------------|---|--------------|---------------------------------------|-------|
|                             |                           | Rating class and<br>limiting features                                 | Value                        | Rating class and<br>limiting features                           | Value        | Rating class and<br>limiting features | Value |
| CaC:<br>Clarno-----         | 85                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action          | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10         | Not limited                           |       |
| CeB:<br>Clarno-----         | 60                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action          | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10         | Not limited                           |       |
| Ethan-----                  | 25                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action          | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10         | Not limited                           |       |
| CeC:<br>Clarno-----         | 55                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action          | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10         | Not limited                           |       |
| Ethan-----                  | 30                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action          | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10         | Not limited                           |       |
| CeD:<br>Clarno-----         | 50                        | Very limited<br>Low strength<br>Slope<br>Shrink-swell<br>Frost action | 1.00<br>0.84<br>0.50<br>0.50 | Somewhat limited<br>Slope<br>Cutbanks cave                      | 0.84<br>0.10 | Somewhat limited<br>Slope             | 0.84  |
| Ethan-----                  | 35                        | Very limited<br>Low strength<br>Slope<br>Shrink-swell<br>Frost action | 1.00<br>0.84<br>0.50<br>0.50 | Somewhat limited<br>Slope<br>Cutbanks cave                      | 0.84<br>0.10 | Somewhat limited<br>Slope             | 0.84  |
| Da:<br>Davis-----           | 90                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action          | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Depth to<br>saturated zone<br>Cutbanks cave | 0.61<br>0.10 | Not limited                           |       |

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| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets                                   |                      | Shallow excavations                   |       | Lawns and landscaping                 |       |
|-----------------------------|---------------------------|--|----------------------|---------------------------------------|-------|---------------------------------------|-------|
|                             |                           | Rating class and<br>limiting features                        | Value                | Rating class and<br>limiting features | Value | Rating class and<br>limiting features | Value |
| DeB:<br>Delmont-----        | 50                        | Not limited  |                      | Very limited<br>Cutbanks cave         | 1.00  | Somewhat limited<br>Droughty          | 0.01  |
| Talmo-----                  | 35                        | Not limited  |                      | Very limited<br>Cutbanks cave         | 1.00  | Somewhat limited<br>Droughty          | 0.51  |
| DeC:<br>Delmont-----        | 45                        | Not limited  |                      | Very limited<br>Cutbanks cave         | 1.00  | Somewhat limited<br>Droughty          | 0.01  |
| Talmo-----                  | 35                        | Not limited  |                      | Very limited<br>Cutbanks cave         | 1.00  | Somewhat limited<br>Droughty          | 0.51  |
| DmA:<br>Dempster-----       | 85                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Very limited<br>Cutbanks cave         | 1.00  | Not limited                           |       |
| DmB:<br>Dempster-----       | 85                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Very limited<br>Cutbanks cave         | 1.00  | Not limited                           |       |
| DpC:<br>Dempster-----       | 60                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Very limited<br>Cutbanks cave         | 1.00  | Not limited                           |       |
| Delmont-----                | 25                        | Not limited  |                      | Very limited<br>Cutbanks cave         | 1.00  | Somewhat limited<br>Droughty          | 0.01  |
| EaC:<br>Egan-----           | 80                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Somewhat limited<br>Cutbanks cave     | 0.10  | Not limited                           |       |
| EbA:<br>Egan-----           | 60                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Somewhat limited<br>Cutbanks cave     | 0.10  | Not limited                           |       |

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|--------------------------|------------------|--|----------------------|------------------------------------|-------|------------------------------------|-------|
|                          |                  | Rating class and limiting features                           | Value                | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Beadle-----              | 30               | Very limited<br>Shrink-swell<br>Low strength                 | 1.00<br>1.00         | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| EbB:<br>Egan-----        | 60               | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| Beadle-----              | 30               | Very limited<br>Shrink-swell<br>Low strength                 | 1.00<br>1.00         | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| EbC:<br>Egan-----        | 55               | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| Beadle-----              | 35               | Very limited<br>Shrink-swell<br>Low strength                 | 1.00<br>1.00         | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| EeB:<br>Egan-----        | 50               | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| Ethan-----               | 40               | Very limited<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>0.50<br>0.50 | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| EeC2:<br>Egan-----       | 45               | Very limited<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |
| Ethan-----               | 40               | Very limited<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>0.50<br>0.50 | Somewhat limited<br>Cutbanks cave  | 0.10  | Not limited                        |       |

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| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                              | Shallow excavations   |                  | Lawns and landscaping                 |       |
|-----------------------------|---------------------------|---|------------------------------|---|------------------|---------------------------------------|-------|
|                             |                           | Rating class and<br>limiting features                                 | Value                        | Rating class and<br>limiting features                           | Value            | Rating class and<br>limiting features | Value |
| EgA:<br>Egan-----           | 60                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell          | 1.00<br>1.00<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| Viborg-----                 | 30                        | Very limited<br>Frost action<br><br>Low strength<br>Shrink-swell      | 1.00<br><br>1.00<br>0.50     | Somewhat limited<br>Depth to<br>saturated zone<br>Cutbanks cave | 0.47<br><br>0.10 | Not limited                           |       |
| EhB:<br>Egan-----           | 50                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell          | 1.00<br>1.00<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| Wentworth-----              | 30                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell          | 1.00<br>1.00<br>0.50         | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| EnA:<br>Enet-----           | 90                        | Not limited   |                              | Very limited<br>Cutbanks cave                                   | 1.00             | Not limited                           |       |
| EoF:<br>Ethan-----          | 45                        | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50 | Very limited<br>Slope<br>Cutbanks cave                          | 1.00<br>0.10     | Very limited<br>Slope                 | 1.00  |
| Betts-----                  | 35                        | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50 | Very limited<br>Slope<br>Cutbanks cave                          | 1.00<br>0.10     | Very limited<br>Slope                 | 1.00  |
| ErE:<br>Ethan-----          | 60                        | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50 | Very limited<br>Slope<br>Cutbanks cave                          | 1.00<br>0.10     | Very limited<br>Slope                 | 1.00  |

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| Map symbol and soil name    | Pct. of map unit | Local roads and streets   |                                      | Shallow excavations                        |              | Lawns and landscaping                          |              |
|-----------------------------|------------------|---|--------------------------------------|--|--------------|--|--------------|
|                             |                  | Rating class and limiting features                                    | Value                                | Rating class and limiting features         | Value        | Rating class and limiting features             | Value        |
| Clarno-----                 | 20               | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50         | Very limited<br>Slope<br>Cutbanks cave     | 1.00<br>0.10 | Very limited<br>Slope                          | 1.00         |
| ESE:<br>Ethan-----          | 50               | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50         | Very limited<br>Slope<br>Cutbanks cave     | 1.00<br>0.10 | Very limited<br>Slope                          | 1.00         |
| Clarno-----                 | 30               | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50         | Very limited<br>Slope<br>Cutbanks cave     | 1.00<br>0.10 | Very limited<br>Slope                          | 1.00         |
| EtD:<br>Ethan-----          | 55               | Very limited<br>Low strength<br>Slope<br>Shrink-swell<br>Frost action | 1.00<br>0.63<br>0.50<br>0.50         | Somewhat limited<br>Slope<br>Cutbanks cave | 0.63<br>0.10 | Somewhat limited<br>Slope                      | 0.63         |
| Davis-----                  | 25               | Very limited<br>Low strength<br>Shrink-swell<br>Frost action<br>Slope | 1.00<br>0.50<br>0.50<br>0.50<br>0.04 | Somewhat limited<br>Cutbanks cave<br>Slope | 0.10<br>0.04 | Somewhat limited<br>Slope                      | 0.04         |
| Gp:<br>Orthents, Gravelly-- | 90               | Not limited   |                                      | Very limited<br>Cutbanks cave              | 1.00         | Somewhat limited<br>Droughty<br>Gravel content | 0.42<br>0.25 |
| Gr:<br>Graceville-----      | 90               | Very limited<br>Frost action<br>Low strength<br>Shrink-swell          | 1.00<br>1.00<br>0.50                 | Very limited<br>Cutbanks cave              | 1.00         | Not limited                                    |              |
| HeA:<br>Henkin-----         | 90               | Somewhat limited<br>Frost action                                      | 0.50                                 | Very limited<br>Cutbanks cave              | 1.00         | Not limited                                    |              |

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| Map symbol and soil name     | Pct. of map unit | Local roads and streets  |  | Shallow excavations  |                                  | Lawns and landscaping  |                  |
|------------------------------|------------------|--|--|--|----------------------------------|--|------------------|
|                              |                  | Rating class and limiting features   | Value  | Rating class and limiting features   | Value                            | Rating class and limiting features                             | Value            |
| HeB:<br>Henkin-----          | 90               | Somewhat limited<br>Frost action   | 0.50   | Very limited<br>Cutbanks cave  | 1.00                             | Not limited  |                  |
| HkB:<br>Houdek-----          | 80               | Very limited<br>Low strength<br>Shrink-swell<br>Frost action   | 1.00<br>0.50<br>0.50                         | Somewhat limited<br>Cutbanks cave  | 0.10                             | Not limited  |                  |
| HpA:<br>Houdek-----          | 50               | Very limited<br>Low strength<br>Shrink-swell<br>Frost action   | 1.00<br>0.50<br>0.50                         | Somewhat limited<br>Cutbanks cave  | 0.10                             | Not limited  |                  |
| Prosper-----                 | 35               | Very limited<br>Frost action<br><br>Low strength<br>Shrink-swell   | 1.00<br><br>1.00<br>0.50                     | Somewhat limited<br>Depth to<br>saturated zone<br>Cutbanks cave                      | 0.61<br><br>0.10                 | Not limited  |                  |
| La:<br>Lamo-----             | 85               | Very limited<br>Frost action<br><br>Flooding<br><br>Low strength<br>Shrink-swell<br>Depth to<br>saturated zone | 1.00<br><br>1.00<br><br>1.00<br>0.50<br>0.19 | Very limited<br>Depth to<br>saturated zone<br>Flooding<br>Cutbanks cave              | 1.00<br><br>0.60<br>0.10         | Somewhat limited<br>Flooding<br><br>Depth to<br>saturated zone | 0.60<br><br>0.19 |
| M-W:<br>Miscellaneous Water- | 100              | Not rated  |  | Not rated  |                                  | Not rated  |                  |
| Mar:<br>Worthing-----        | 95               | Very limited<br>Ponding<br>Depth to<br>saturated zone<br>Frost action<br>Low strength<br>Shrink-swell          | 1.00<br>1.00<br><br>1.00<br>1.00<br>1.00     | Very limited<br>Ponding<br>Depth to<br>saturated zone<br>Too clayey<br>Cutbanks cave | 1.00<br>1.00<br><br>0.50<br>0.10 | Very limited<br>Ponding<br>Depth to<br>saturated zone          | 1.00<br>1.00     |

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|-----------------------------|---------------------------|--|--------------------------|---|------------------|---------------------------------------|-------|
|                             |                           | Rating class and<br>limiting features                            | Value                    | Rating class and<br>limiting features                           | Value            | Rating class and<br>limiting features | Value |
| MnB:<br>Moody-----          | 50                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell     | 1.00<br>1.00<br>0.50     | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| Nora-----                   | 30                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell     | 1.00<br>1.00<br>0.50     | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| MtA:<br>Moody-----          | 55                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell     | 1.00<br>1.00<br>0.50     | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| Trent-----                  | 35                        | Very limited<br>Frost action<br><br>Low strength<br>Shrink-swell | 1.00<br><br>1.00<br>0.50 | Somewhat limited<br>Depth to<br>saturated zone<br>Cutbanks cave | 0.47<br><br>0.10 | Not limited                           |       |
| NcC:<br>Nora-----           | 50                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell     | 1.00<br>1.00<br>0.50     | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| Crofton-----                | 30                        | Very limited<br>Low strength<br>Frost action                     | 1.00<br>0.50             | Somewhat limited<br>Cutbanks cave                               | 0.10             | Not limited                           |       |
| PrA:<br>Prosper-----        | 85                        | Very limited<br>Frost action<br><br>Low strength<br>Shrink-swell | 1.00<br><br>1.00<br>0.50 | Somewhat limited<br>Depth to<br>saturated zone<br>Cutbanks cave | 0.61<br><br>0.10 | Not limited                           |       |

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|--------------------------|------------------|---|--------------------------------------|---|------------------------------|--|------------------------------|
|                          |                  | Rating class and limiting features  | Value                                | Rating class and limiting features  | Value                        | Rating class and limiting features   | Value                        |
| Ra:<br>Rauville-----     | 85               | Very limited<br>Depth to saturated zone<br>Frost action<br><br>Flooding<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>1.00<br>1.00<br>0.50 | Very limited<br>Depth to saturated zone<br>Flooding<br><br>Cutbanks cave          | 1.00<br>0.80<br>0.10         | Very limited<br>Flooding<br><br>Depth to saturated zone                    | 1.00<br>1.00                 |
| Sa:<br>Minnewaukan-----  | 90               | Very limited<br>Depth to saturated zone<br>Flooding<br>Ponding<br>Frost action                          | 1.00<br>1.00<br>1.00<br>0.50         | Very limited<br>Depth to saturated zone<br>Cutbanks cave<br>Ponding<br>Flooding   | 1.00<br>1.00<br>1.00<br>0.60 | Very limited<br>Depth to saturated zone<br>Ponding<br>Flooding<br>Droughty | 1.00<br>1.00<br>0.60<br>0.38 |
| ScA:<br>Huntimer-----    | 90               | Very limited<br>Low strength<br>Shrink-swell<br>Frost action  | 1.00<br>1.00<br>0.50                 | Somewhat limited<br>Cutbanks cave<br>Too clayey                                   | 0.10<br>0.03                 | Not limited  |                              |
| SdB:<br>Huntimer-----    | 85               | Very limited<br>Low strength<br>Shrink-swell<br>Frost action  | 1.00<br>1.00<br>0.50                 | Somewhat limited<br>Cutbanks cave<br>Too clayey                                   | 0.10<br>0.03                 | Not limited  |                              |
| StA:<br>Stickney-----    | 60               | Very limited<br>Low strength<br><br>Shrink-swell<br>Frost action  | 1.00<br>1.00<br>0.50                 | Somewhat limited<br>Depth to saturated zone<br>Cutbanks cave                      | 0.47<br>0.10                 | Not limited  |                              |
| Tetonka-----             | 20               | Very limited<br>Ponding<br>Depth to saturated zone<br>Frost action<br>Low strength<br>Shrink-swell      | 1.00<br>1.00<br>1.00<br>1.00<br>1.00 | Very limited<br>Ponding<br>Depth to saturated zone<br>Too clayey<br>Cutbanks cave | 1.00<br>1.00<br>0.28<br>0.10 | Very limited<br>Ponding<br>Depth to saturated zone                         | 1.00<br>1.00                 |

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| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                                      | Shallow excavations  |                              | Lawns and landscaping                                  |              |
|-----------------------------|---------------------------|---|--------------------------------------|--|------------------------------|--|--------------|
|                             |                           | Rating class and<br>limiting features   | Value                                | Rating class and<br>limiting features  | Value                        | Rating class and<br>limiting features                  | Value        |
| TdE:<br>Talmo-----          | 45                        | Somewhat limited<br>Slope   | 0.96                                 | Very limited<br>Cutbanks cave<br>Slope   | 1.00<br>0.96                 | Somewhat limited<br>Slope<br>Droughty                  | 0.96<br>0.51 |
| Delmont-----                | 35                        | Somewhat limited<br>Slope   | 0.96                                 | Very limited<br>Cutbanks cave<br>Slope   | 1.00<br>0.96                 | Somewhat limited<br>Slope<br>Droughty                  | 0.96<br>0.01 |
| Te:<br>Tetonka-----         | 90                        | Very limited<br>Ponding<br>Depth to<br>saturated zone<br>Frost action<br>Low strength<br>Shrink-swell | 1.00<br>1.00<br>1.00<br>1.00<br>1.00 | Very limited<br>Ponding<br>Depth to<br>saturated zone<br>Too clayey<br>Cutbanks cave | 1.00<br>1.00<br>0.28<br>0.10 | Very limited<br>Ponding<br>Depth to<br>saturated zone  | 1.00<br>1.00 |
| VbA:<br>Viborg-----         | 85                        | Very limited<br>Frost action<br><br>Low strength<br>Shrink-swell                                      | 1.00<br><br>1.00<br>0.50             | Somewhat limited<br>Depth to<br>saturated zone<br>Cutbanks cave                      | 0.47<br><br>0.10             | Not limited  |              |
| VgB:<br>Viborg-----         | 50                        | Very limited<br>Frost action<br><br>Low strength<br>Shrink-swell                                      | 1.00<br><br>1.00<br>0.50             | Somewhat limited<br>Depth to<br>saturated zone<br>Cutbanks cave                      | 0.47<br><br>0.10             | Not limited  |              |
| Egan-----                   | 30                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell  | 1.00<br>1.00<br>0.50                 | Somewhat limited<br>Cutbanks cave  | 0.10                         | Not limited  |              |
| Vo:<br>Arlo-----            | 85                        | Very limited<br>Frost action<br><br>Flooding<br>Depth to<br>saturated zone                            | 1.00<br><br>1.00<br>1.00             | Very limited<br>Depth to<br>saturated zone<br>Cutbanks cave<br>Flooding              | 1.00<br><br>1.00<br>0.60     | Very limited<br>Depth to<br>saturated zone<br>Flooding | 1.00<br>0.60 |

Section II  
Soil and Site Information

Building Site Development  
Lake County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets   |  | Shallow excavations  |                                  | Lawns and landscaping                                      |                  |
|-----------------------------|---------------------------|--|--|--|----------------------------------|--|------------------|
|                             |                           | Rating class and<br>limiting features  | Value  | Rating class and<br>limiting features  | Value                            | Rating class and<br>limiting features                      | Value            |
| W:<br>Water-----            | 100                       | Not rated  |  | Not rated  |                                  | Not rated  |                  |
| WeA:<br>Wentworth-----      | 55                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell   | 1.00<br>1.00<br>0.50                         | Somewhat limited<br>Cutbanks cave  | 0.10                             | Not limited  |                  |
| Egan-----                   | 35                        | Very limited<br>Frost action<br>Low strength<br>Shrink-swell   | 1.00<br>1.00<br>0.50                         | Somewhat limited<br>Cutbanks cave  | 0.10                             | Not limited  |                  |
| Wh:<br>Whitewood-----       | 80                        | Very limited<br>Frost action<br><br>Flooding<br><br>Low strength<br>Depth to<br>saturated zone<br>Shrink-swell | 1.00<br><br>1.00<br><br>1.00<br>1.00<br>0.50 | Very limited<br>Depth to<br>saturated zone<br>Flooding<br><br>Cutbanks cave          | 1.00<br><br>0.80<br><br>0.10     | Very limited<br>Flooding<br><br>Depth to<br>saturated zone | 1.00<br><br>1.00 |
| Wo:<br>Worthing-----        | 90                        | Very limited<br>Ponding<br>Depth to<br>saturated zone<br>Frost action<br>Low strength<br>Shrink-swell          | 1.00<br>1.00<br><br>1.00<br>1.00<br>1.00     | Very limited<br>Ponding<br>Depth to<br>saturated zone<br>Too clayey<br>Cutbanks cave | 1.00<br>1.00<br><br>0.50<br>0.10 | Very limited<br>Ponding<br>Depth to<br>saturated zone      | 1.00<br>1.00     |