

(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. See text for further explanation of ratings in this table.)

| 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        |
| 1B:<br>Gaila-----        | 95               | Somewhat limited<br>Frost action          | 0.50         | Very limited<br>Cutbanks cave                            | 1.00                 | Not limited                                             |              |
| 1C:<br>Gaila-----        | 95               | Somewhat limited<br>Slope<br>Frost action | 0.63<br>0.50 | Very limited<br>Cutbanks cave<br>Slope                   | 1.00<br>0.63         | Somewhat limited<br>Slope                               | 0.63         |
| 2A:<br>Glenelg-----      | 95               | Somewhat limited<br>Frost action          | 0.50         | Somewhat limited<br>Cutbanks cave                        | 0.10                 | Not limited                                             |              |
| 2B:<br>Glenelg-----      | 95               | Somewhat limited<br>Frost action          | 0.50         | Somewhat limited<br>Cutbanks cave                        | 0.10                 | Not limited                                             |              |
| 2C:<br>Glenelg-----      | 95               | Somewhat limited<br>Slope<br>Frost action | 0.63<br>0.50 | Somewhat limited<br>Slope<br>Cutbanks cave               | 0.63<br>0.10         | Somewhat limited<br>Slope                               | 0.63         |
| 2UB:<br>Glenelg-----     | 50               | Somewhat limited<br>Frost action          | 0.50         | Somewhat limited<br>Cutbanks cave                        | 0.10                 | Not limited                                             |              |
| Urban Land-----          | 45               | Not rated                                 |              | Not rated                                                |                      | Not rated                                               |              |
| 2UC:<br>Glenelg-----     | 50               | Somewhat limited<br>Slope<br>Frost action | 0.63<br>0.50 | Somewhat limited<br>Slope<br>Cutbanks cave               | 0.63<br>0.10         | Somewhat limited<br>Slope                               | 0.63         |
| Urban Land-----          | 45               | Not rated                                 |              | Not rated                                                |                      | Not rated                                               |              |
| 4B:<br>Elioak-----       | 100              | Somewhat limited<br>Frost action          | 0.50         | Somewhat limited<br>Too clayey<br>Cutbanks cave          | 0.12<br>0.10         | Somewhat limited<br>Content of large<br>stones          | 0.01         |
| 4C:<br>Elioak-----       | 100              | Somewhat limited<br>Slope<br>Frost action | 0.63<br>0.50 | Somewhat limited<br>Slope<br>Too clayey<br>Cutbanks cave | 0.63<br>0.12<br>0.10 | Somewhat limited<br>Slope<br>Content of large<br>stones | 0.63<br>0.01 |

Table ENG-4.--Building Site Development--Continued

| 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                        |
| 5A:<br>Glenville-----    | 95               | Very limited<br>Frost action<br>Depth to saturated zone                 | 1.00<br>0.48         | Very limited<br>Depth to saturated zone<br>Cutbanks cave   | 1.00<br>0.10 | Somewhat limited<br>Depth to saturated zone                                                   | 0.48                         |
| 5B:<br>Glenville-----    | 95               | Very limited<br>Frost action<br>Depth to saturated zone                 | 1.00<br>0.48         | Very limited<br>Depth to saturated zone<br>Cutbanks cave   | 1.00<br>0.10 | Somewhat limited<br>Depth to saturated zone                                                   | 0.48                         |
| 6A:<br>Baile-----        | 100              | Very limited<br>Depth to saturated zone<br>Frost action<br>Shrink-swell | 1.00<br>1.00<br>0.50 | Very limited<br>Depth to saturated zone<br>Cutbanks cave   | 1.00<br>0.10 | Very limited<br>Depth to saturated zone<br>Content of large stones                            | 1.00<br>0.01                 |
| 7UB:<br>Gaila-----       | 50               | Somewhat limited<br>Frost action                                        | 0.50                 | Very limited<br>Cutbanks cave                              | 1.00         | Not limited                                                                                   |                              |
| Urban Land-----          | 45               | Not rated                                                               |                      | Not rated                                                  |              | Not rated                                                                                     |                              |
| 7UC:<br>Gaila-----       | 50               | Somewhat limited<br>Slope<br>Frost action                               | 0.63<br>0.50         | Very limited<br>Cutbanks cave<br>Slope                     | 1.00<br>0.63 | Somewhat limited<br>Slope                                                                     | 0.63                         |
| Urban Land-----          | 45               | Not rated                                                               |                      | Not rated                                                  |              | Not rated                                                                                     |                              |
| 9B:<br>Linganore-----    | 50               | Somewhat limited<br>Frost action                                        | 0.50                 | Somewhat limited<br>Depth to soft bedrock<br>Cutbanks cave | 0.46<br>0.10 | Somewhat limited<br>Droughty<br>Depth to bedrock<br>Gravel content<br>Content of large stones | 0.79<br>0.46<br>0.33<br>0.01 |
| Hyattstown-----          | 30               | Somewhat limited<br>Depth to soft bedrock<br>Frost action               | 1.00<br>0.50         | Very limited<br>Depth to soft bedrock<br>Cutbanks cave     | 1.00<br>0.10 | Very limited<br>Depth to bedrock<br>Droughty<br>Gravel content                                | 1.00<br>0.94<br>0.41         |

Table ENG-4.--Building Site Development--Continued

| 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                                |
| 9C:<br>Linganore-----    | 50               | Somewhat limited<br>Slope<br>Frost action                                          | 0.63<br>0.50                 | Somewhat limited<br>Slope<br>Depth to soft bedrock<br>Cutbanks cave | 0.63<br>0.46<br>0.10 | Somewhat limited<br>Droughty<br>Slope<br>Depth to bedrock<br>Gravel content<br>Content of large stones | 0.79<br>0.63<br>0.46<br>0.33<br>0.01 |
| Hyattstown-----          | 30               | Somewhat limited<br>Depth to soft bedrock<br>Slope<br>Frost action                 | 1.00<br>0.63<br>0.50         | Very limited<br>Depth to soft bedrock<br>Slope<br>Cutbanks cave     | 1.00<br>0.63<br>0.10 | Very limited<br>Depth to bedrock<br>Droughty<br>Slope<br>Gravel content                                | 1.00<br>0.94<br>0.63<br>0.41         |
| 16B:<br>Brinklow-----    | 50               | Somewhat limited<br>Shrink-swell<br>Frost action<br>Depth to hard bedrock          | 0.50<br>0.50<br>0.46         | Very limited<br>Depth to hard bedrock<br>Cutbanks cave              | 1.00<br>0.10         | Somewhat limited<br>Depth to bedrock<br>Gravel content<br>Content of large stones                      | 0.46<br>0.24<br>0.08                 |
| Blocktown-----           | 30               | Somewhat limited<br>Depth to soft bedrock<br>Frost action                          | 1.00<br>0.50                 | Very limited<br>Depth to soft bedrock<br>Cutbanks cave              | 1.00<br>0.10         | Very limited<br>Depth to bedrock<br>Droughty<br>Gravel content<br>Content of large stones              | 1.00<br>1.00<br>0.22<br>0.01         |
| 16C:<br>Brinklow-----    | 50               | Somewhat limited<br>Slope<br>Shrink-swell<br>Frost action<br>Depth to hard bedrock | 0.63<br>0.50<br>0.50<br>0.46 | Very limited<br>Depth to hard bedrock<br>Slope<br>Cutbanks cave     | 1.00<br>0.63<br>0.10 | Somewhat limited<br>Slope<br>Depth to bedrock<br>Gravel content<br>Content of large stones             | 0.63<br>0.46<br>0.24<br>0.08         |
| Blocktown-----           | 30               | Somewhat limited<br>Depth to soft bedrock<br>Slope<br>Frost action                 | 1.00<br>0.63<br>0.50         | Very limited<br>Depth to soft bedrock<br>Slope<br>Cutbanks cave     | 1.00<br>0.63<br>0.10 | Very limited<br>Depth to bedrock<br>Droughty<br>Slope<br>Gravel content<br>Content of large stones     | 1.00<br>1.00<br>0.63<br>0.22<br>0.01 |

Table ENG-4.--Building Site Development--Continued

| 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 |
| 16D:<br>Brinklow-----    | 50               | Very limited<br>Slope              | 1.00  | Very limited<br>Depth to hard bedrock | 1.00  | Very limited<br>Slope              | 1.00  |
|                          |                  | Shrink-swell                       | 0.50  | Slope                                 | 1.00  | Depth to bedrock                   | 0.46  |
|                          |                  | Frost action                       | 0.50  | Cutbanks cave                         | 0.10  | Gravel content                     | 0.24  |
|                          |                  | Depth to hard bedrock              | 0.46  |                                       |       | Content of large stones            | 0.08  |
| Blocktown-----           | 30               | Very limited<br>Slope              | 1.00  | Very limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to bedrock   | 1.00  |
|                          |                  | Depth to soft bedrock              | 1.00  | Slope                                 | 1.00  | Slope                              | 1.00  |
|                          |                  | Frost action                       | 0.50  | Cutbanks cave                         | 0.10  | Droughty                           | 1.00  |
|                          |                  |                                    |       |                                       |       | Gravel content                     | 0.22  |
|                          |                  |                                    |       |                                       |       | Content of large stones            | 0.01  |
| 17B:<br>Occoquan-----    | 80               | Somewhat limited<br>Frost action   | 0.50  | Somewhat limited<br>Cutbanks cave     | 0.10  | Not limited                        |       |
| 17C:<br>Occoquan-----    | 80               | Somewhat limited<br>Slope          | 0.63  | Somewhat limited<br>Slope             | 0.63  | Somewhat limited<br>Slope          | 0.63  |
|                          |                  | Frost action                       | 0.50  | Cutbanks cave                         | 0.10  |                                    |       |
| 18C:<br>Penn-----        | 95               | Somewhat limited<br>Slope          | 0.63  | Somewhat limited<br>Slope             | 0.63  | Somewhat limited<br>Slope          | 0.63  |
|                          |                  | Frost action                       | 0.50  | Depth to soft bedrock                 | 0.46  | Depth to bedrock                   | 0.46  |
|                          |                  |                                    |       | Cutbanks cave                         | 0.10  | Content of large stones            | 0.16  |
|                          |                  |                                    |       |                                       |       | Droughty                           | 0.01  |
| 18E:<br>Penn-----        | 95               | Very limited<br>Slope              | 1.00  | Very limited<br>Slope                 | 1.00  | Very limited<br>Slope              | 1.00  |
|                          |                  | Frost action                       | 0.50  | Depth to soft bedrock                 | 0.46  | Depth to bedrock                   | 0.46  |
|                          |                  |                                    |       | Cutbanks cave                         | 0.10  | Content of large stones            | 0.16  |
|                          |                  |                                    |       |                                       |       | Droughty                           | 0.01  |
| 19A:<br>Bucks-----       | 85               | Somewhat limited<br>Shrink-swell   | 0.50  | Somewhat limited<br>Cutbanks cave     | 0.10  | Not limited                        |       |
|                          |                  | Frost action                       | 0.50  |                                       |       |                                    |       |
| 19B:<br>Bucks-----       | 85               | Somewhat limited<br>Shrink-swell   | 0.50  | Somewhat limited<br>Cutbanks cave     | 0.10  | Not limited                        |       |
|                          |                  | Frost action                       | 0.50  |                                       |       |                                    |       |

Table ENG-4.--Building Site Development--Continued

| 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 |
| 20A:<br>Brentsville----- | 100              | Somewhat limited<br>Frost action   | 0.50  | Very limited<br>Depth to hard bedrock     | 1.00  | Somewhat limited<br>Depth to bedrock | 0.46  |
|                          |                  | Depth to hard bedrock              | 0.46  | Cutbanks cave                             | 0.10  |                                      |       |
| 20B:<br>Brentsville----- | 100              | Somewhat limited<br>Frost action   | 0.50  | Very limited<br>Depth to hard bedrock     | 1.00  | Somewhat limited<br>Depth to bedrock | 0.46  |
|                          |                  | Depth to hard bedrock              | 0.46  | Cutbanks cave                             | 0.10  |                                      |       |
| 20C:<br>Brentsville----- | 100              | Somewhat limited<br>Slope          | 0.63  | Very limited<br>Depth to hard bedrock     | 1.00  | Somewhat limited<br>Slope            | 0.63  |
|                          |                  | Frost action                       | 0.50  | Slope                                     | 0.63  | Depth to bedrock                     | 0.46  |
|                          |                  | Depth to hard bedrock              | 0.46  | Cutbanks cave                             | 0.10  |                                      |       |
| 21A:<br>Penn-----        | 95               | Somewhat limited<br>Frost action   | 0.50  | Somewhat limited<br>Depth to soft bedrock | 0.46  | Somewhat limited<br>Depth to bedrock | 0.46  |
|                          |                  |                                    |       | Cutbanks cave                             | 0.10  |                                      |       |
| 21B:<br>Penn-----        | 95               | Somewhat limited<br>Frost action   | 0.50  | Somewhat limited<br>Depth to soft bedrock | 0.46  | Somewhat limited<br>Depth to bedrock | 0.46  |
|                          |                  |                                    |       | Cutbanks cave                             | 0.10  |                                      |       |
| 21C:<br>Penn-----        | 95               | Somewhat limited<br>Slope          | 0.63  | Somewhat limited<br>Slope                 | 0.63  | Somewhat limited<br>Slope            | 0.63  |
|                          |                  | Frost action                       | 0.50  | Depth to soft bedrock                     | 0.46  | Depth to bedrock                     | 0.46  |
|                          |                  |                                    |       | Cutbanks cave                             | 0.10  |                                      |       |
| 21D:<br>Penn-----        | 95               | Very limited<br>Slope              | 1.00  | Very limited<br>Slope                     | 1.00  | Very limited<br>Slope                | 1.00  |
|                          |                  | Frost action                       | 0.50  | Depth to soft bedrock                     | 0.46  | Depth to bedrock                     | 0.46  |
|                          |                  |                                    |       | Cutbanks cave                             | 0.10  |                                      |       |
| 21E:<br>Penn-----        | 95               | Very limited<br>Slope              | 1.00  | Very limited<br>Slope                     | 1.00  | Very limited<br>Slope                | 1.00  |
|                          |                  | Frost action                       | 0.50  | Depth to soft bedrock                     | 0.46  | Depth to bedrock                     | 0.46  |
|                          |                  |                                    |       | Cutbanks cave                             | 0.10  |                                      |       |

Table ENG-4.--Building Site Development--Continued

| 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 |
| 21F:<br>Nestoria-----    | 65               | Very limited<br>Slope                   | 1.00  | Very limited<br>Depth to soft bedrock   | 1.00  | Very limited<br>Depth to bedrock            | 1.00  |
|                          |                  | Depth to soft bedrock                   | 1.00  | Slope                                   | 1.00  | Slope                                       | 1.00  |
|                          |                  | Frost action                            | 0.50  | Cutbanks cave                           | 0.10  | Droughty                                    | 1.00  |
|                          |                  |                                         |       |                                         |       | Gravel content                              | 1.00  |
|                          |                  |                                         |       |                                         |       | Content of large stones                     | 0.03  |
| Rock Outcrop-----        | 20               | Not rated                               |       | Not rated                               |       | Not rated                                   |       |
| 22A:<br>Readington-----  | 80               | Somewhat limited<br>Frost action        | 0.50  | Very limited<br>Depth to saturated zone | 1.00  | Somewhat limited<br>Depth to saturated zone | 0.03  |
|                          |                  | Depth to saturated zone                 | 0.03  | Cutbanks cave                           | 0.10  |                                             |       |
| 22B:<br>Readington-----  | 80               | Somewhat limited<br>Frost action        | 0.50  | Very limited<br>Depth to saturated zone | 1.00  | Somewhat limited<br>Depth to saturated zone | 0.03  |
|                          |                  | Depth to saturated zone                 | 0.03  | Cutbanks cave                           | 0.10  |                                             |       |
| 23A:<br>Croton-----      | 100              | Very limited<br>Depth to saturated zone | 1.00  | Very limited<br>Depth to saturated zone | 1.00  | Very limited<br>Depth to saturated zone     | 1.00  |
|                          |                  | Frost action                            | 1.00  | Depth to hard bedrock                   | 0.32  | Droughty                                    | 0.70  |
|                          |                  | Shrink-swell                            | 0.50  | Cutbanks cave                           | 0.10  |                                             |       |
| 24C:<br>Montalto-----    | 100              | Very limited<br>Shrink-swell            | 1.00  | Somewhat limited<br>Slope               | 0.63  | Somewhat limited<br>Slope                   | 0.63  |
|                          |                  | Slope                                   | 0.63  | Cutbanks cave                           | 0.10  | Content of large stones                     | 0.03  |
|                          |                  | Frost action                            | 0.50  | Too clayey                              | 0.03  |                                             |       |
| 24D:<br>Montalto-----    | 100              | Very limited<br>Slope                   | 1.00  | Very limited<br>Slope                   | 1.00  | Very limited<br>Slope                       | 1.00  |
|                          |                  | Shrink-swell                            | 1.00  | Cutbanks cave                           | 0.10  | Content of large stones                     | 0.03  |
|                          |                  | Frost action                            | 0.50  | Too clayey                              | 0.03  |                                             |       |
| 25B:<br>Legore-----      | 85               | Somewhat limited<br>Shrink-swell        | 0.50  | Very limited<br>Cutbanks cave           | 1.00  | Not limited                                 |       |
|                          |                  | Frost action                            | 0.50  |                                         |       |                                             |       |

Table ENG-4.--Building Site Development--Continued

| 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        |
| 25C:<br>Legore-----      | 85               | Somewhat limited<br>Slope<br>Shrink-swell<br>Frost action                 | 0.63<br>0.50<br>0.50 | Very limited<br>Cutbanks cave<br>Slope                                            | 1.00<br>0.63         | Somewhat limited<br>Slope                                          | 0.63         |
| 26B:<br>Montalto-----    | 100              | Very limited<br>Shrink-swell<br>Frost action                              | 1.00<br>0.50         | Somewhat limited<br>Cutbanks cave<br>Too clayey                                   | 0.10<br>0.03         | Not limited                                                        |              |
| 26C:<br>Montalto-----    | 100              | Very limited<br>Shrink-swell<br>Slope<br>Frost action                     | 1.00<br>0.63<br>0.50 | Somewhat limited<br>Slope<br>Cutbanks cave<br>Too clayey                          | 0.63<br>0.10<br>0.03 | Somewhat limited<br>Slope                                          | 0.63         |
| 27B:<br>Neshaminy-----   | 100              | Somewhat limited<br>Frost action                                          | 0.50                 | Somewhat limited<br>Cutbanks cave                                                 | 0.10                 | Somewhat limited<br>Content of large stones                        | 0.01         |
| 27C:<br>Neshaminy-----   | 100              | Somewhat limited<br>Slope<br>Frost action                                 | 0.63<br>0.50         | Somewhat limited<br>Slope<br>Cutbanks cave                                        | 0.63<br>0.10         | Somewhat limited<br>Slope<br>Content of large stones               | 0.63<br>0.01 |
| 28A:<br>Watchung-----    | 100              | Very limited<br>Depth to saturated zone<br>Frost action<br>Shrink-swell   | 1.00<br>1.00<br>0.50 | Very limited<br>Depth to saturated zone<br>Too clayey<br>Cutbanks cave            | 1.00<br>0.72<br>0.10 | Very limited<br>Depth to saturated zone<br>Content of large stones | 1.00<br>0.03 |
| 29B:<br>Jackland-----    | 85               | Very limited<br>Shrink-swell<br>Frost action<br>Depth to saturated zone   | 1.00<br>1.00<br>0.75 | Very limited<br>Depth to saturated zone<br>Too clayey<br>Cutbanks cave            | 1.00<br>0.50<br>0.10 | Somewhat limited<br>Depth to saturated zone                        | 0.75         |
| 35B:<br>Chrome-----      | 50               | Somewhat limited<br>Shrink-swell<br>Frost action<br>Depth to hard bedrock | 0.50<br>0.50<br>0.46 | Very limited<br>Depth to hard bedrock<br>Cutbanks cave                            | 1.00<br>0.10         | Somewhat limited<br>Depth to bedrock<br>Droughty                   | 0.46<br>0.17 |
| Conowingo-----           | 30               | Very limited<br>Frost action<br>Shrink-swell<br>Depth to saturated zone   | 1.00<br>0.50<br>0.43 | Very limited<br>Depth to saturated zone<br>Cutbanks cave<br>Depth to hard bedrock | 1.00<br>1.00<br>0.32 | Somewhat limited<br>Depth to saturated zone                        | 0.43         |

Table ENG-4.--Building Site Development--Continued

| 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 |
| 35C:<br>Chrome-----      | 100              | Somewhat limited<br>Slope          | 0.63  | Very limited<br>Depth to hard bedrock       | 1.00  | Somewhat limited<br>Slope                   | 0.63  |
|                          |                  | Shrink-swell                       | 0.50  | Slope                                       | 0.63  | Depth to bedrock                            | 0.46  |
|                          |                  | Frost action                       | 0.50  | Cutbanks cave                               | 0.10  | Droughty                                    | 0.17  |
|                          |                  | Depth to hard bedrock              | 0.46  |                                             |       |                                             |       |
| 36A:<br>Conowingo-----   | 95               | Very limited<br>Frost action       | 1.00  | Very limited<br>Depth to saturated zone     | 1.00  | Somewhat limited<br>Depth to saturated zone | 0.43  |
|                          |                  | Shrink-swell                       | 0.50  | Cutbanks cave                               | 1.00  |                                             |       |
|                          |                  | Depth to saturated zone            | 0.43  | Depth to hard bedrock                       | 0.32  |                                             |       |
| 37B:<br>Travilah-----    | 95               | Very limited<br>Frost action       | 1.00  | Very limited<br>Depth to hard bedrock       | 1.00  | Somewhat limited<br>Depth to saturated zone | 0.75  |
|                          |                  | Depth to saturated zone            | 0.75  | Depth to saturated zone                     | 1.00  | Depth to bedrock                            | 0.46  |
|                          |                  | Shrink-swell                       | 0.50  | Cutbanks cave                               | 0.10  |                                             |       |
|                          |                  | Depth to hard bedrock              | 0.46  |                                             |       |                                             |       |
| 41A:<br>Elsinboro-----   | 85               | Somewhat limited<br>Frost action   | 0.50  | Somewhat limited<br>Depth to saturated zone | 0.16  | Not limited                                 |       |
|                          |                  |                                    |       | Cutbanks cave                               | 0.10  |                                             |       |
| 41B:<br>Elsinboro-----   | 85               | Somewhat limited<br>Frost action   | 0.50  | Somewhat limited<br>Depth to saturated zone | 0.16  | Not limited                                 |       |
|                          |                  |                                    |       | Cutbanks cave                               | 0.10  |                                             |       |
| 43A:<br>Elk-----         | 100              | Very limited<br>Flooding           | 1.00  | Very limited<br>Cutbanks cave               | 1.00  | Somewhat limited<br>Flooding                | 0.60  |
|                          |                  |                                    |       | Flooding                                    | 0.60  |                                             |       |
| 45A:<br>Delanco-----     | 100              | Very limited<br>Frost action       | 1.00  | Very limited<br>Depth to saturated zone     | 1.00  | Somewhat limited<br>Flooding                | 0.60  |
|                          |                  | Flooding                           | 1.00  | Flooding                                    | 0.60  | Depth to saturated zone                     | 0.48  |
|                          |                  | Shrink-swell                       | 0.50  | Cutbanks cave                               | 0.10  |                                             |       |
|                          |                  | Depth to saturated zone            | 0.48  |                                             |       |                                             |       |
| 46A:<br>Huntington-----  | 85               | Very limited<br>Frost action       | 1.00  | Somewhat limited<br>Flooding                | 0.60  | Somewhat limited<br>Flooding                | 0.60  |
|                          |                  | Flooding                           | 1.00  | Cutbanks cave                               | 0.10  |                                             |       |

Table ENG-4.--Building Site Development--Continued

| 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 |
| 47A:<br>Lindside-----     | 80               | Very limited<br>Frost action            | 1.00  | Very limited<br>Depth to saturated zone | 1.00  | Somewhat limited<br>Flooding                | 0.60  |
|                           |                  | Flooding                                | 1.00  | Flooding                                | 0.60  | Depth to saturated zone                     | 0.03  |
|                           |                  | Depth to saturated zone                 | 0.03  | Cutbanks cave                           | 0.10  |                                             |       |
| 48A:<br>Melvin-----       | 100              | Very limited<br>Depth to saturated zone | 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  |
|                           |                  |                                         |       | Cutbanks cave                           | 0.10  |                                             |       |
| 50A:<br>Rowland-----      | 85               | Very limited<br>Frost action            | 1.00  | Very limited<br>Cutbanks cave           | 1.00  | Somewhat limited<br>Flooding                | 0.60  |
|                           |                  | Flooding                                | 1.00  | Depth to saturated zone                 | 1.00  | Depth to saturated zone                     | 0.19  |
|                           |                  | Depth to saturated zone                 | 0.19  | Flooding                                | 0.60  |                                             |       |
| 51A:<br>Bowmansville----- | 70               | 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  |
|                           |                  | Depth to saturated zone                 | 1.00  | Cutbanks cave                           | 0.10  |                                             |       |
| Melvin-----               | 25               | Very limited<br>Depth to saturated zone | 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  |
|                           |                  |                                         |       | Cutbanks cave                           | 0.10  |                                             |       |
| 53A:<br>Codorus-----      | 90               | Very limited<br>Frost action            | 1.00  | Very limited<br>Depth to saturated zone | 1.00  | Somewhat limited<br>Depth to saturated zone | 0.75  |
|                           |                  | Flooding                                | 1.00  | Cutbanks cave                           | 1.00  | Flooding                                    | 0.60  |
|                           |                  | Depth to saturated zone                 | 0.75  | Flooding                                | 0.60  |                                             |       |
| 54A:<br>Hatboro-----      | 100              | Very limited<br>Depth to saturated zone | 1.00  | Very limited<br>Depth to saturated zone | 1.00  | Very limited<br>Flooding                    | 1.00  |
|                           |                  | Frost action                            | 1.00  | Flooding                                | 0.80  | Depth to saturated zone                     | 1.00  |
|                           |                  | Flooding                                | 1.00  | Cutbanks cave                           | 0.10  |                                             |       |
| 55C:<br>Evesboro-----     | 95               | Somewhat limited<br>Slope               | 0.04  | Very limited<br>Cutbanks cave           | 1.00  | Somewhat limited<br>Droughty Slope          | 0.69  |
|                           |                  |                                         |       | Slope                                   | 0.04  |                                             | 0.04  |

Table ENG-4.--Building Site Development--Continued

| 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                |
| 57B:<br>Chillum-----     | 100              | Very limited<br>Frost action                                | 1.00             | Very limited<br>Cutbanks cave                                | 1.00             | Not limited                                             |                      |
| 57C:<br>Chillum-----     | 100              | Very limited<br>Frost action<br>Slope                       | 1.00<br>0.63     | Very limited<br>Cutbanks cave<br>Slope                       | 1.00<br>0.63     | Somewhat limited<br>Slope                               | 0.63                 |
| 57D:<br>Chillum-----     | 100              | Very limited<br>Slope<br>Frost action                       | 1.00<br>1.00     | Very limited<br>Slope<br>Cutbanks cave                       | 1.00<br>1.00     | Very limited<br>Slope                                   | 1.00                 |
| 57UB:<br>Chillum-----    | 50               | Very limited<br>Frost action                                | 1.00             | Very limited<br>Cutbanks cave                                | 1.00             | Not limited                                             |                      |
| Urban Land-----          | 45               | Not rated                                                   |                  | Not rated                                                    |                  | Not rated                                               |                      |
| 58B:<br>Sassafras-----   | 100              | Somewhat limited<br>Frost action                            | 0.50             | Very limited<br>Cutbanks cave                                | 1.00             | Not limited                                             |                      |
| 58C:<br>Sassafras-----   | 100              | Somewhat limited<br>Slope<br>Frost action                   | 0.63<br>0.50     | Very limited<br>Cutbanks cave<br>Slope                       | 1.00<br>0.63     | Somewhat limited<br>Slope                               | 0.63                 |
| 59A:<br>Beltsville-----  | 100              | Very limited<br>Frost action<br><br>Depth to saturated zone | 1.00<br><br>0.19 | Very limited<br>Cutbanks cave<br><br>Depth to saturated zone | 1.00<br><br>1.00 | Somewhat limited<br>Depth to saturated zone             | 0.19                 |
| 59B:<br>Beltsville-----  | 100              | Very limited<br>Frost action<br><br>Depth to saturated zone | 1.00<br><br>0.19 | Very limited<br>Cutbanks cave<br><br>Depth to saturated zone | 1.00<br><br>1.00 | Somewhat limited<br>Depth to saturated zone             | 0.19                 |
| 61B:<br>Croom-----       | 100              | Somewhat limited<br>Frost action                            | 0.50             | Very limited<br>Cutbanks cave                                | 1.00             | Somewhat limited<br>Gravel content<br>Droughty          | 0.50<br>0.02         |
| 61C:<br>Croom-----       | 100              | Somewhat limited<br>Slope<br>Frost action                   | 0.63<br>0.50     | Very limited<br>Cutbanks cave<br>Slope                       | 1.00<br>0.63     | Somewhat limited<br>Slope<br>Gravel content<br>Droughty | 0.63<br>0.50<br>0.02 |

Table ENG-4.--Building Site Development--Continued

| 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                |
| 61D:<br>Croom-----       | 100              | Very limited<br>Slope<br>Frost action                     | 1.00<br>0.50         | Very limited<br>Slope<br>Cutbanks cave     | 1.00<br>1.00 | Very limited<br>Slope<br>Gravel content<br>Droughty     | 1.00<br>0.50<br>0.02 |
| 61E:<br>Croom-----       | 100              | Very limited<br>Slope<br>Frost action                     | 1.00<br>0.50         | Very limited<br>Slope<br>Cutbanks cave     | 1.00<br>1.00 | Very limited<br>Slope<br>Gravel content<br>Droughty     | 1.00<br>0.50<br>0.02 |
| 61UB:<br>Croom-----      | 50               | Somewhat limited<br>Frost action                          | 0.50                 | Very limited<br>Cutbanks cave              | 1.00         | Somewhat limited<br>Gravel content<br>Droughty          | 0.50<br>0.02         |
| Urban Land-----          | 50               | Not rated                                                 |                      | Not rated                                  |              | Not rated                                               |                      |
| 64B:<br>Croom-----       | 50               | Somewhat limited<br>Frost action                          | 0.50                 | Very limited<br>Cutbanks cave              | 1.00         | Somewhat limited<br>Gravel content<br>Droughty          | 0.50<br>0.02         |
| Bucks-----               | 30               | Somewhat limited<br>Shrink-swell<br>Frost action          | 0.50<br>0.50         | Somewhat limited<br>Cutbanks cave          | 0.10         | Not limited                                             |                      |
| 64C:<br>Croom-----       | 50               | Somewhat limited<br>Slope<br>Frost action                 | 0.63<br>0.50         | Very limited<br>Cutbanks cave<br>Slope     | 1.00<br>0.63 | Somewhat limited<br>Slope<br>Gravel content<br>Droughty | 0.63<br>0.50<br>0.02 |
| Bucks-----               | 30               | Somewhat limited<br>Slope<br>Shrink-swell<br>Frost action | 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                 |
| 65B:<br>Wheaton-----     | 100              | Somewhat limited<br>Frost action                          | 0.50                 | Somewhat limited<br>Cutbanks cave          | 0.10         | Not limited                                             |                      |
| 66UB:<br>Wheaton-----    | 50               | Somewhat limited<br>Frost action                          | 0.50                 | Somewhat limited<br>Cutbanks cave          | 0.10         | Not limited                                             |                      |
| Urban Land-----          | 30               | Not rated                                                 |                      | Not rated                                  |              | Not rated                                               |                      |
| 66UC:<br>Wheaton-----    | 50               | Somewhat limited<br>Slope<br>Frost action                 | 0.63<br>0.50         | Somewhat limited<br>Slope<br>Cutbanks cave | 0.63<br>0.10 | Somewhat limited<br>Slope                               | 0.63                 |

Table ENG-4.--Building Site Development--Continued

| 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                |
| Urban Land-----            | 30               | Not rated                                 |       | Not rated                             |       | Not rated                                             |                      |
| 67UB:<br>Urban Land-----   | 60               | Not rated                                 |       | Not rated                             |       | Not rated                                             |                      |
| Wheaton-----               | 25               | Not rated                                 |       | Not rated                             |       | Not rated                                             |                      |
| 100:<br>Dumps, Refuse----- | 100              | Not rated                                 |       | Not rated                             |       | Not rated                                             |                      |
| 109D:<br>Hyattstown-----   | 90               | Very limited<br>Slope                     | 1.00  | Very limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to bedrock                      | 1.00                 |
|                            |                  | Depth to soft bedrock                     | 1.00  | Slope                                 | 1.00  | Slope                                                 | 1.00                 |
|                            |                  | Frost action                              | 0.50  | Cutbanks cave                         | 0.10  | Droughty<br>Gravel content                            | 0.94<br>0.41         |
| 109E:<br>Hyattstown-----   | 90               | Very limited<br>Slope                     | 1.00  | Very limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to bedrock                      | 1.00                 |
|                            |                  | Depth to soft bedrock                     | 1.00  | Slope                                 | 1.00  | Slope                                                 | 1.00                 |
|                            |                  | Frost action                              | 0.50  | Cutbanks cave                         | 0.10  | Droughty<br>Gravel content                            | 0.94<br>0.41         |
| 116C:<br>Blocktown-----    | 85               | Somewhat limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to bedrock                      | 1.00                 |
|                            |                  | Slope                                     | 0.63  | Slope                                 | 0.63  | Droughty<br>Slope                                     | 1.00<br>0.63         |
|                            |                  | Frost action                              | 0.50  | Cutbanks cave                         | 0.10  | Gravel content<br>Content of large stones             | 0.22<br>0.01         |
| 116D:<br>Blocktown-----    | 85               | Very limited<br>Slope                     | 1.00  | Very limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to bedrock                      | 1.00                 |
|                            |                  | Depth to soft bedrock                     | 1.00  | Slope                                 | 1.00  | Slope                                                 | 1.00                 |
|                            |                  | Frost action                              | 0.50  | Cutbanks cave                         | 0.10  | Droughty<br>Gravel content<br>Content of large stones | 1.00<br>0.22<br>0.01 |

Table ENG-4.--Building Site Development--Continued

| 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 |
| 116E:<br>Blocktown-----   | 85               | Very limited<br>Slope                     | 1.00  | Very limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to bedrock   | 1.00  |
|                           |                  | Depth to soft bedrock                     | 1.00  | Slope                                 | 1.00  | Slope                              | 1.00  |
|                           |                  | Frost action                              | 0.50  | Cutbanks cave                         | 0.10  | Droughty                           | 1.00  |
|                           |                  |                                           |       |                                       |       | Gravel content                     | 0.22  |
|                           |                  |                                           |       |                                       |       | Content of large stones            | 0.01  |
| 200:<br>Pits, Gravel----- | 100              | Not rated                                 |       | Not rated                             |       | Not rated                          |       |
| 201:<br>Pits, Quarry----- | 100              | Not rated                                 |       | Not rated                             |       | Not rated                          |       |
| 300:<br>Rock Outcrop----- | 80               | Not rated                                 |       | Not rated                             |       | Not rated                          |       |
| Blocktown-----            | 20               | Somewhat limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to soft bedrock | 1.00  | Very limited<br>Depth to bedrock   | 1.00  |
|                           |                  | Frost action                              | 0.50  | Cutbanks cave                         | 0.10  | Droughty                           | 1.00  |
|                           |                  |                                           |       |                                       |       | Gravel content                     | 0.22  |
|                           |                  |                                           |       |                                       |       | Content of large stones            | 0.01  |
| 400:<br>Urban Land-----   | 100              | Not rated                                 |       | Not rated                             |       | Not rated                          |       |
| W:<br>Census Water-----   | 100              | Not rated                                 |       | Not rated                             |       | Not rated                          |       |

