

### Table H. - Engineering Index Properties

Isle of Wight County, Virginia

Absence of an entry indicates that the data were not estimated.

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |     |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|-----|--------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10  | 40     | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |     |        |       | Pct          |                  |
| 1:                       |       |                 |                |        |            |             |                              |     |        |       |              |                  |
| Alaga                    | 0-3   | Sand            | SM             | A-2    | 0          | 0           | 100                          | 100 | 50-80  | 5-35  | 8-16         | NP-2             |
|                          |       | Fine Sand       | SP-SM          | A-2-4  |            |             |                              |     |        |       |              |                  |
|                          | 3-60  | Fine Sand       | SW-SM          | A-3    | 0          | 0           | 100                          | 100 | 50-85  | 15-45 | 9-18         | NP-3             |
|                          |       | Loamy Fine Sand | SM             | A-2    |            |             |                              |     |        |       |              |                  |
|                          |       | Loamy Sand      |                | A-4    |            |             |                              |     |        |       |              |                  |
| Emporia                  | ---   |                 |                |        | ---        | ---         | ---                          | --- | ---    | ---   | ---          | ---              |
| Leon                     | ---   |                 |                |        | ---        | ---         | ---                          | --- | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | --- | ---    | ---   | ---          | ---              |
| 2:                       |       |                 |                |        |            |             |                              |     |        |       |              |                  |
| Bohicket                 | 0-11  | Silty Clay      | CH             | A-7    | 0          | 0           | 100                          | 100 | 95-100 | 85-95 | 34-61        | 12-27            |
|                          |       | Silty Clay Loam | MH             |        |            |             |                              |     |        |       |              |                  |
|                          |       |                 | ML             |        |            |             |                              |     |        |       |              |                  |
|                          | 11-60 | Silty Clay      | CH             | A-7    | 0          | 0           | 100                          | 100 | 85-100 | 45-95 | 38-61        | 14-27            |
|                          |       | Sandy Clay      | MH             |        |            |             |                              |     |        |       |              |                  |
|                          |       | Clay            | ML             |        |            |             |                              |     |        |       |              |                  |
| Alaga                    | ---   |                 |                |        | ---        | ---         | ---                          | --- | ---    | ---   | ---          | ---              |
| Rappahannock             | ---   |                 |                |        | ---        | ---         | ---                          | --- | ---    | ---   | ---          | ---              |
| 3:                       |       |                 |                |        |            |             |                              |     |        |       |              |                  |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |        |        | Liquid Limit | Plasticity Index |
|--------------------------|-------|--------------|----------------|--------|------------|-------------|------------------------------|--------|--------|--------|--------------|------------------|
|                          |       |              | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200    |              |                  |
|                          |       | In           |                |        | Pct        | Pct         |                              |        |        |        | Pct          |                  |
| 3:                       |       |              |                |        |            |             |                              |        |        |        |              |                  |
| Chickahominy             | 0-2   | Loam         | CL-ML          | A-4    | 0          | 0           | 95-100                       | 90-100 | 76-100 | 54-100 | 16-30        | 2-10             |
|                          |       | Silt Loam    | ML             |        |            |             |                              |        |        |        |              |                  |
|                          | 2-65  | Clay         | CH             | A-6    | 0          | 0           | 95-100                       | 90-100 | 90-100 | 70-95  | 31-61        | 10-27            |
|                          |       | Silty Clay   | CL             | A-7    |            |             |                              |        |        |        |              |                  |
|                          |       | Clay Loam    | ML             |        |            |             |                              |        |        |        |              |                  |
| Kinston                  | ---   |              |                |        | ---        | ---         | ---                          | ---    | ---    | ---    | ---          |                  |
| Peawick                  | ---   |              |                |        | ---        | ---         | ---                          | ---    | ---    | ---    | ---          |                  |
| 4:                       |       |              |                |        |            |             |                              |        |        |        |              |                  |
| Chiplew                  | 0-6   | Sand         | SM             | A-2-4  | 0          | 0           | 100                          | 100    | 50-70  | 5-15   | 8-12         | NP               |
|                          |       |              |                | A-3    |            |             |                              |        |        |        |              |                  |
|                          | 6-60  | Fine Sand    | SP-SM          | A-2-4  | 0          | 0           | 100                          | 100    | 50-80  | 5-35   | 8-12         | NP               |
|                          |       | Sand         |                | A-3    |            |             |                              |        |        |        |              |                  |
| Kinston                  | ---   |              |                |        | ---        | ---         | ---                          | ---    | ---    | ---    | ---          |                  |
| Leon                     | ---   |              |                |        | ---        | ---         | ---                          | ---    | ---    | ---    | ---          |                  |
| Nawney                   | ---   |              |                |        | ---        | ---         | ---                          | ---    | ---    | ---    | ---          |                  |
| 5A:                      |       |              |                |        |            |             |                              |        |        |        |              |                  |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |       |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|--------|-------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40    | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |        |       |       | Pct          |                  |
| 5A:                      |       |                 |                |        |            |             |                              |        |       |       |              |                  |
| Emporia                  | 0-15  | Loamy Sand      | ML             | A-2    | 0          | 0-2         | 85-100                       | 80-100 | 50-85 | 15-55 | 13-25        | NP-7             |
|                          |       | Sandy Loam      | SM             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Fine Sandy Loam |                |        |            |             |                              |        |       |       |              |                  |
|                          | 15-33 | Fine Sandy Loam | CH             | A-2    | 0          | 0-3         | 85-100                       | 80-100 | 60-95 | 30-60 | 18-52        | 3-22             |
|                          |       | Sandy Loam      | CL             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Clay      | SC             | A-6    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Clay Loam | SM             | A-7    |            |             |                              |        |       |       |              |                  |
|                          | 33-60 | Fine Sandy Loam | CL             | A-2    | 0          | 0-3         | 85-100                       | 80-100 | 60-95 | 30-60 | 18-52        | 3-22             |
|                          |       | Sandy Clay Loam | ML             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Loam      | SC             | A-6    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Clay      | SM             | A-7    |            |             |                              |        |       |       |              |                  |
| Yemassee                 | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Uchee                    | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| 5B:                      |       |                 |                |        |            |             |                              |        |       |       |              |                  |
| Emporia                  | 0-15  | Fine Sandy Loam | ML             | A-2    | 0          | 0-2         | 85-100                       | 80-100 | 50-85 | 15-55 | 13-25        | NP-7             |
|                          |       | Loamy Sand      | SM             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Loam      |                |        |            |             |                              |        |       |       |              |                  |
|                          | 15-33 | Fine Sandy Loam | CH             | A-2    | 0          | 0-3         | 85-100                       | 80-100 | 60-95 | 30-60 | 18-52        | 3-22             |
|                          |       | Sandy Clay Loam | CL             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Loam      | SC             | A-6    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Clay      | SM             | A-7    |            |             |                              |        |       |       |              |                  |
|                          | 33-60 | Fine Sandy Loam | CL             | A-2    | 0          | 0-3         | 85-100                       | 80-100 | 60-95 | 30-60 | 18-52        | 3-22             |
|                          |       | Sandy Clay Loam | ML             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Loam      | SC             | A-6    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Clay      | SM             | A-7    |            |             |                              |        |       |       |              |                  |
| Yemassee                 | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol<br>and Soil Name | Depth | USDA Texture    | Classification |        | Fragments     |                | Percent Passing Sieve Number |        |        |       | Liquid<br>Limit | Plasticity<br>Index |
|-----------------------------|-------|-----------------|----------------|--------|---------------|----------------|------------------------------|--------|--------|-------|-----------------|---------------------|
|                             |       |                 | Unified        | AASHTO | >10<br>Inches | 3-10<br>Inches | 4                            | 10     | 40     | 200   |                 |                     |
|                             |       | In              |                |        | Pct           | Pct            |                              |        |        |       | Pct             |                     |
| 5B:                         |       |                 |                |        |               |                |                              |        |        |       |                 |                     |
| Uchee                       | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Nawney                      | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| 6:                          |       |                 |                |        |               |                |                              |        |        |       |                 |                     |
| Kenansville                 | 0-28  | Fine Sand       | SM             | A-2    | 0             | 0              | 100                          | 95-100 | 50-80  | 15-45 | 8-16            | NP-2                |
|                             |       | Loamy Sand      |                | A-4    |               |                |                              |        |        |       |                 |                     |
|                             | 28-41 | Fine Sandy Loam | SC-SM          | A-2    | 0             | 0              | 100                          | 95-100 | 60-85  | 30-55 | 16-25           | 2-7                 |
|                             |       | Sandy Loam      | SM             | A-2-4  |               |                |                              |        |        |       |                 |                     |
|                             |       |                 |                | A-4    |               |                |                              |        |        |       |                 |                     |
|                             | 41-60 | Loamy Sand      | SM             | A-2    | 0             | 0              | 100                          | 95-100 | 50-75  | 5-30  | 8-16            | NP-2                |
|                             |       | Sand            | SP-SM          | A-3    |               |                |                              |        |        |       |                 |                     |
| Alaga                       | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Kinston                     | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Nawney                      | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| 7:                          |       |                 |                |        |               |                |                              |        |        |       |                 |                     |
| Kinston                     | 0-9   | Loam            | CL             | A-4    | 0             | 0              | 100                          | 98-100 | 69-100 | 39-90 | 12-31           | NP-10               |
|                             |       | Fine Sandy Loam | CL-ML          |        |               |                |                              |        |        |       |                 |                     |
|                             |       | Silt Loam       | ML             |        |               |                |                              |        |        |       |                 |                     |
|                             | 9-60  | Sandy Loam      | CL             | A-4    | 0             | 0              | 100                          | 98-100 | 59-100 | 29-80 | 18-43           | 3-17                |
|                             |       | Sandy Clay Loam | ML             | A-6    |               |                |                              |        |        |       |                 |                     |
|                             |       | Clay Loam       | SC             | A-7    |               |                |                              |        |        |       |                 |                     |
|                             |       | Loam            | SM             |        |               |                |                              |        |        |       |                 |                     |
| Alaga                       | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Slagle                      | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol<br>and Soil Name | Depth | USDA Texture                    | Classification |              | Fragments     |                | Percent Passing Sieve Number |     |        |      | Liquid<br>Limit | Plasticity<br>Index |
|-----------------------------|-------|---------------------------------|----------------|--------------|---------------|----------------|------------------------------|-----|--------|------|-----------------|---------------------|
|                             |       |                                 | Unified        | AASHTO       | >10<br>Inches | 3-10<br>Inches | 4                            | 10  | 40     | 200  |                 |                     |
|                             |       | In                              |                |              | Pct           | Pct            |                              |     |        |      | Pct             |                     |
| 7:                          |       |                                 |                |              |               |                |                              |     |        |      |                 |                     |
| Yemassee                    | ---   |                                 |                |              | ---           | ---            | ---                          | --- | ---    | ---  | ---             | ---                 |
| 8:                          |       |                                 |                |              |               |                |                              |     |        |      |                 |                     |
| Leon                        | 0-22  | Sand                            | SM             | A-2-4<br>A-3 | 0             | 0              | 100                          | 100 | 50-70  | 5-15 | 8-12            | NP                  |
|                             | 22-41 | Loamy Sand<br>Fine Sand<br>Sand | SM<br>SP-SM    | A-2-4<br>A-3 | 0             | 0              | 100                          | 100 | 50-80  | 5-35 | 7-12            | NP                  |
|                             | 41-60 | Fine Sand<br>Sand               | SP<br>SP-SM    | A-2-4<br>A-3 | 0             | 0              | 100                          | 100 | 80-100 | 3-20 | 7-12            | NP                  |
| Chipley                     | 0-6   | Sand                            | SM             | A-2-4<br>A-3 | 0             | 0              | 100                          | 100 | 50-70  | 5-15 | 8-12            | NP                  |
|                             | 6-60  | Fine Sand<br>Sand               | SP-SM          | A-2-4<br>A-3 | 0             | 0              | 100                          | 100 | 50-80  | 5-35 | 8-12            | NP                  |
| Alaga                       | ---   |                                 |                |              | ---           | ---            | ---                          | --- | ---    | ---  | ---             | ---                 |
| Kinston                     | ---   |                                 |                |              | ---           | ---            | ---                          | --- | ---    | ---  | ---             | ---                 |
| Nawney                      | ---   |                                 |                |              | ---           | ---            | ---                          | --- | ---    | ---  | ---             | ---                 |
| 9:                          |       |                                 |                |              |               |                |                              |     |        |      |                 |                     |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture  | Classification             |                   | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|---|----------------------------|-------------------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |   | Unified                    | AASHTO            | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In  |                            |                   | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 9:<br>Myatt              | 0-15  | Loam<br>Fine Sandy Loam   | CL-ML<br>ML<br>SC-SM       | A-4               | 0          | 0           | 98-100                       | 95-100 | 70-95  | 40-75 | 13-25        | NP-7             |
|                          | 15-51 | Sandy Clay Loam<br>Loam<br>Clay Loam                              | CL<br>ML<br>SC<br>SM       | A-4               | 0          | 0           | 98-100                       | 95-100 | 80-100 | 35-80 | 16-43        | 2-17             |
|                          | 51-60 | Gravelly Sandy Loam<br>Clay Loam<br>Sandy Clay Loam<br>Sandy Loam | CL<br>CL-ML<br>SC<br>SC-SM | A-2<br>A-4<br>A-6 | 0          | 0           | 60-100                       | 50-100 | 30-100 | 15-80 | 13-43        | NP-17            |
| Slagle                   | ---   |   |                            |                   | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Yemassee                 | ---   |   |                            |                   | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 10:<br>Nawney            | 0-10  | Fine Sandy Loam<br>Sandy Loam<br>Silt Loam                        | ML<br>SC<br>SC-SM          | A-2<br>A-4        | 0          | 0           | 100                          | 98-100 | 60-100 | 30-90 | 13-31        | NP-10            |
|                          | 10-44 | Loam<br>Sandy Loam<br>Fine Sandy Loam<br>Loam<br>Silty Clay Loam  | SM<br>CL<br>ML<br>SC<br>SM | A-4<br>A-6<br>A-7 | 0          | 0           | 100                          | 98-100 | 60-100 | 30-95 | 18-43        | 3-17             |
|                          | 44-60 | Silty Clay<br>Sand<br>Fine Sandy Loam<br>Loam                     | CL<br>ML<br>SC<br>SM       | A-4<br>A-6<br>A-7 | 0          | 0           | 100                          | 98-100 | 50-100 | 5-95  | 9-61         | NP-27            |
| Chiple                   | ---   |   |                            |                   | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture  | Classification          |                     | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|---|-------------------------|---------------------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |   | Unified                 | AASHTO              | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In  |                         |                     | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 10:                      |       |   |                         |                     |            |             |                              |        |        |       |              |                  |
| Yemassee                 | ---   |   |                         |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Uchee                    | ---   |   |                         |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 11E:                     |       |   |                         |                     |            |             |                              |        |        |       |              |                  |
| Nevarc                   | 0-4   | Sandy Loam<br>Silt Loam<br>Loamy Sand               | CL-ML<br>ML<br>SC<br>SM | A-4                 | 0          | 0           | 90-100                       | 80-100 | 50-100 | 15-90 | 10-30        | NP-10            |
|                          | 4-57  | Clay<br>Clay Loam<br>Silty Clay Loam<br>Silty Clay  | CH<br>CL<br>ML          | A-6<br>A-7          | 0          | 0           | 90-100                       | 90-100 | 81-100 | 70-95 | 34-61        | 12-27            |
|                          | 57-64 | Sandy Loam<br>Loamy Sand<br>Sandy Clay Loam<br>Loam | CL<br>ML<br>SC<br>SM    | A-2<br>A-4<br>A-6   | 0          | 0-2         | 70-100                       | 55-100 | 50-90  | 15-55 | 16-38        | 2-14             |
| Remlik                   | 0-28  | Fine Sand<br>Loamy Fine Sand<br>Loamy Sand          | SC-SM<br>SM             | A-2<br>A-2-4        | 0          | 0           | 90-100                       | 80-100 | 50-85  | 15-45 | 8-18         | NP-3             |
|                          | 28-52 | Loam<br>Sandy Loam<br>Sandy Clay Loam               | SC<br>SC-SM<br>SM       | A-2<br>A-4<br>A-6   | 0          | 0           | 100                          | 98-100 | 60-95  | 30-75 | 14-38        | 1-14             |
|                          | 52-60 | Loamy Sand<br>Sandy Loam<br>Sand                    | SC-SM<br>SM<br>SP-SM    | A-2<br>A-2-4<br>A-3 | 0          | 0           | 95-100                       | 95-100 | 48-70  | 5-40  | 9-18         | NP-3             |
| Slagle                   | ---   |   |                         |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Peawick                  | ---   |   |                         |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol<br>and Soil Name | Depth | USDA Texture    | Classification |        | Fragments     |                | Percent Passing Sieve Number |        |        |       | Liquid<br>Limit | Plasticity<br>Index |
|-----------------------------|-------|-----------------|----------------|--------|---------------|----------------|------------------------------|--------|--------|-------|-----------------|---------------------|
|                             |       |                 | Unified        | AASHTO | >10<br>Inches | 3-10<br>Inches | 4                            | 10     | 40     | 200   |                 |                     |
|                             | In    |                 |                |        | Pct           | Pct            |                              |        |        |       | Pct             |                     |
| 11E:                        |       |                 |                |        |               |                |                              |        |        |       |                 |                     |
| Nawney                      | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| 12A:                        |       |                 |                |        |               |                |                              |        |        |       |                 |                     |
| Peawick                     | 0-4   | Loam            | CL-ML          | A-4    | 0             | 0              | 90-100                       | 75-100 | 64-100 | 60-90 | 16-30           | 2-10                |
|                             |       | Silt Loam       | ML             |        |               |                |                              |        |        |       |                 |                     |
|                             | 4-70  | Silty Clay Loam | CH             | A-6    | 0             | 0              | 90-100                       | 80-100 | 72-100 | 56-95 | 34-61           | 12-27               |
|                             |       | Silty Clay      | CL             | A-7    |               |                |                              |        |        |       |                 |                     |
|                             |       | Clay Loam       | ML             |        |               |                |                              |        |        |       |                 |                     |
|                             |       | Clay            |                |        |               |                |                              |        |        |       |                 |                     |
| Chickahominy                | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Kinston                     | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Slagle                      | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| 12B:                        |       |                 |                |        |               |                |                              |        |        |       |                 |                     |
| Peawick                     | 0-4   | Silt Loam       | CL-ML          | A-4    | 0             | 0              | 90-100                       | 75-100 | 64-100 | 60-90 | 16-30           | 2-10                |
|                             |       | Loam            | ML             |        |               |                |                              |        |        |       |                 |                     |
|                             | 4-70  | Clay Loam       | CH             | A-6    | 0             | 0              | 90-100                       | 80-100 | 72-100 | 56-95 | 34-61           | 12-27               |
|                             |       | Silty Clay Loam | CL             | A-7    |               |                |                              |        |        |       |                 |                     |
|                             |       | Clay            | ML             |        |               |                |                              |        |        |       |                 |                     |
|                             |       | Silty Clay      |                |        |               |                |                              |        |        |       |                 |                     |
| Slagle                      | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Kinston                     | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Nawney                      | ---   |                 |                |        | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |

12C:

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 12C:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Peawick                  | 0-4   | Silt Loam       | CL-ML          | A-4    | 0          | 0           | 90-100                       | 75-100 | 64-100 | 60-90 | 16-30        | 2-10             |
|                          |       | Loam            | ML             |        |            |             |                              |        |        |       |              |                  |
|                          | 4-70  | Clay            | CH             | A-6    | 0          | 0           | 90-100                       | 80-100 | 72-100 | 56-95 | 34-61        | 12-27            |
|                          |       | Silty Clay      | CL             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay Loam       | ML             |        |            |             |                              |        |        |       |              |                  |
|                          |       | Silty Clay Loam |                |        |            |             |                              |        |        |       |              |                  |
| Slagle                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Uchee                    | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 13B3:                    |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Peawick                  | 0-2   | Silt Loam       | CL             | A-4    | 0          | 0           | 90-100                       | 80-100 | 68-100 | 48-90 | 16-43        | 2-17             |
|                          |       | Loam            | ML             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay Loam       |                |        |            |             |                              |        |        |       |              |                  |
|                          | 2-70  | Clay Loam       | CH             | A-6    | 0          | 0           | 90-100                       | 80-100 | 72-100 | 56-95 | 34-61        | 12-27            |
|                          |       | Silty Clay Loam | CL             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay            | ML             |        |            |             |                              |        |        |       |              |                  |
|                          |       | Silty Clay      |                |        |            |             |                              |        |        |       |              |                  |
| Kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Slagle                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 14B:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture  | Classification             |                   | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|---|----------------------------|-------------------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |   | Unified                    | AASHTO            | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In  |                            |                   | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 14B:                     |       |   |                            |                   |            |             |                              |        |        |       |              |                  |
| Peawick                  | 0-4   | Silt Loam<br>Loam   | CL-ML<br>ML                | A-4               | 0          | 0           | 90-100                       | 75-100 | 64-100 | 60-90 | 16-30        | 2-10             |
|                          | 4-70  | Clay<br>Silty Clay<br>Clay Loam<br>Silty Clay Loam                    | CH<br>CL<br>ML             | A-6<br>A-7        | 0          | 0           | 90-100                       | 80-100 | 72-100 | 56-95 | 34-61        | 12-27            |
| Slagle                   | 0-13  | Loamy Fine Sand<br>Fine Sandy Loam                                    | ML<br>SM                   | A-2<br>A-4        | 0          | 0-3         | 95-100                       | 90-100 | 70-85  | 28-55 | 12-25        | NP-7             |
|                          | 13-25 | Sandy Clay Loam<br>Fine Sandy Loam<br>Clay Loam<br>Sandy Loam<br>Loam | CL<br>CL-ML<br>SC<br>SC-SM | A-4<br>A-6        | 0          | 0-2         | 95-100                       | 90-100 | 54-100 | 27-80 | 18-38        | 3-14             |
|                          | 25-60 | Loam<br>Sandy Clay Loam<br>Clay Loam                                  | CL<br>SC                   | A-4<br>A-6<br>A-7 | 0          | 0-2         | 95-100                       | 90-100 | 72-100 | 32-80 | 23-43        | 6-17             |
| Kinston                  | ---   |   |                            |                   | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 15:                      |       |   |                            |                   |            |             |                              |        |        |       |              |                  |
| Rappahannock             | 0-15  | Mucky Peat<br>Muck  | PT                         | A-8               | 0          | 0           | 100                          | 100    | ---    | ---   | ---          | ---              |
|                          | 15-60 | Silty Clay Loam<br>Loamy Sand<br>Clay Loam<br>Silty Clay              | CL<br>ML<br>SC<br>SM       | A-2<br>A-4<br>A-6 | 0          | 0           | 100                          | 100    | 48-100 | 14-95 | 12-61        | NP-27            |
| Bohicket                 | ---   |   |                            |                   | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Peawick                  | ---   |   |                            |                   | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol<br>and Soil Name | Depth | USDA Texture   | Classification       |                            | Fragments     |                | Percent Passing Sieve Number |        |       |       | Liquid<br>Limit | Plasticity<br>Index |
|-----------------------------|-------|--|----------------------|----------------------------|---------------|----------------|------------------------------|--------|-------|-------|-----------------|---------------------|
|                             |       |  | Unified              | AASHTO                     | >10<br>Inches | 3-10<br>Inches | 4                            | 10     | 40    | 200   |                 |                     |
|                             |       | In   |                      |                            | Pct           | Pct            |                              |        |       |       | Pct             |                     |
| 15:<br>Slagle               | ---   |  |                      |                            | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| 16:<br>Rumford              | 0-16  | Loamy Fine Sand<br>Loamy Sand                          | SM                   | A-1<br>A-2<br>A-2-4        | 0             | 0              | 95-100                       | 90-100 | 45-85 | 14-45 | 9-18            | NP-3                |
|                             | 16-36 | Sandy Clay Loam<br>Sandy Loam<br>Fine Sandy Loam       | SC<br>SC-SM<br>SM    | A-2<br>A-2-4<br>A-4<br>A-6 | 0             | 0              | 85-100                       | 80-100 | 48-90 | 24-55 | 14-34           | 1-12                |
|                             | 36-60 | Sand<br>Loamy Sand<br>Sandy Loam<br>Very Gravelly Sand | GM<br>GP<br>SM<br>SP | A-1-b<br>A-2               | 0             | 0              | 50-100                       | 35-100 | 18-70 | 2-15  | 9-23            | NP-6                |
| Alaga                       | ---   |  |                      |                            | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Kinston                     | ---   |  |                      |                            | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Yemassee                    | ---   |  |                      |                            | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| 17B3:                       |       |  |                      |                            |               |                |                              |        |       |       |                 |                     |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture  | Classification             |                     | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|---|----------------------------|---------------------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |   | Unified                    | AASHTO              | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In  |                            |                     | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 17B3:                    |       |   |                            |                     |            |             |                              |        |        |       |              |                  |
| Slagle                   | 0-4   | Sandy Loam  | SM                         | A-2<br>A-2-4<br>A-4 | 0          | 0-3         | 95-100                       | 90-100 | 57-70  | 28-40 | 14-25        | 1-7              |
|                          | 4-25  | Sandy Clay Loam<br>Loam<br>Clay Loam<br>Fine Sandy Loam<br>Sandy Loam | CL<br>CL-ML<br>SC<br>SC-SM | A-4<br>A-6          | 0          | 0-2         | 95-100                       | 90-100 | 54-100 | 27-80 | 18-38        | 3-14             |
|                          | 25-60 | Clay Loam<br>Loam<br>Sandy Clay Loam                                  | CL<br>SC                   | A-4<br>A-6<br>A-7   | 0          | 0-2         | 95-100                       | 90-100 | 72-100 | 32-80 | 23-43        | 6-17             |
| Kinston                  | ---   |   |                            |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Peawick                  | ---   |   |                            |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |   |                            |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 18A:                     |       |   |                            |                     |            |             |                              |        |        |       |              |                  |
| Slagle                   | 0-13  | Loamy Fine Sand<br>Fine Sandy Loam                                    | ML<br>SM                   | A-2<br>A-4          | 0          | 0-3         | 95-100                       | 90-100 | 70-85  | 28-55 | 12-25        | NP-7             |
|                          | 13-25 | Sandy Clay Loam<br>Fine Sandy Loam<br>Clay Loam<br>Sandy Loam<br>Loam | CL<br>CL-ML<br>SC<br>SC-SM | A-4<br>A-6          | 0          | 0-2         | 95-100                       | 90-100 | 54-100 | 27-80 | 18-38        | 3-14             |
|                          | 25-60 | Sandy Clay Loam<br>Clay Loam<br>Loam                                  | CL<br>SC                   | A-4<br>A-6<br>A-7   | 0          | 0-2         | 95-100                       | 90-100 | 72-100 | 32-80 | 23-43        | 6-17             |
| Kinston                  | ---   |   |                            |                     | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 18A:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Peawick                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 18B:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Slagle                   | 0-13  | Loamy Fine Sand | ML             | A-2    | 0          | 0-3         | 95-100                       | 90-100 | 70-85  | 28-55 | 12-25        | NP-7             |
|                          |       | Fine Sandy Loam | SM             | A-4    |            |             |                              |        |        |       |              |                  |
|                          | 13-25 | Fine Sandy Loam | CL             | A-4    | 0          | 0-2         | 95-100                       | 90-100 | 54-100 | 27-80 | 18-38        | 3-14             |
|                          |       | Sandy Clay Loam | CL-ML          | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay Loam       | SC             |        |            |             |                              |        |        |       |              |                  |
|                          |       | Loam            | SC-SM          |        |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Loam      |                |        |            |             |                              |        |        |       |              |                  |
|                          | 25-60 | Clay Loam       | CL             | A-4    | 0          | 0-2         | 95-100                       | 90-100 | 72-100 | 32-80 | 23-43        | 6-17             |
|                          |       | Loam            | SC             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Clay Loam |                | A-7    |            |             |                              |        |        |       |              |                  |
| Kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Peawick                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 18C:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 18C:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Slagle                   | 0-13  | Loamy Fine Sand | ML             | A-2    | 0          | 0-3         | 95-100                       | 90-100 | 70-85  | 28-55 | 12-25        | NP-7             |
|                          |       | Fine Sandy Loam | SM             | A-4    |            |             |                              |        |        |       |              |                  |
|                          | 13-25 | Clay Loam       | CL             | A-4    | 0          | 0-2         | 95-100                       | 90-100 | 54-100 | 27-80 | 18-38        | 3-14             |
|                          |       | Loam            | CL-ML          | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Loam      | SC             |        |            |             |                              |        |        |       |              |                  |
|                          |       | Fine Sandy Loam | SC-SM          |        |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Clay Loam |                |        |            |             |                              |        |        |       |              |                  |
|                          | 25-60 | Loam            | CL             | A-4    | 0          | 0-2         | 95-100                       | 90-100 | 72-100 | 32-80 | 23-43        | 6-17             |
|                          |       | Sandy Clay Loam | SC             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay Loam       |                | A-7    |            |             |                              |        |        |       |              |                  |
| Kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Peawick                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 19A:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Uchee                    | 0-28  | Sand            | SM             | A-1-b  | 0          | 0           | 90-100                       | 80-100 | 40-70  | 4-15  | 8-18         | NP-3             |
|                          |       | Loamy Sand      |                | A-2    |            |             |                              |        |        |       |              |                  |
|                          | 28-52 | Sandy Clay Loam | CH             | A-2    | 0          | 0           | 90-100                       | 80-100 | 48-100 | 24-95 | 14-61        | 1-27             |
|                          |       | Sandy Loam      | CL             | A-4    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay            | MH             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Clay      | SC             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SC-SM          |        |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SM             |        |            |             |                              |        |        |       |              |                  |
|                          | 52-60 | Loamy Sand      | SM             | A-4    | 0          | 0           | 85-100                       | 80-100 | 40-70  | 12-40 | 12-25        | NP-7             |
|                          |       | Sandy Loam      |                |        |            |             |                              |        |        |       |              |                  |
| Kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Yemassee                 | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 19A:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 19B:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Uchee                    | 0-28  | Loamy Sand      | SM             | A-1-b  | 0          | 0           | 90-100                       | 80-100 | 40-70  | 4-15  | 8-18         | NP-3             |
|                          | 28-52 | Sandy Clay Loam | CH             | A-2    | 0          | 0           | 90-100                       | 80-100 | 48-100 | 24-95 | 14-61        | 1-27             |
|                          |       | Sandy Loam      | CL             | A-4    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay            | MH             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Clay      | SC             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SC-SM          |        |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SM             |        |            |             |                              |        |        |       |              |                  |
|                          | 52-60 | Loamy Sand      | SM             | A-4    | 0          | 0           | 85-100                       | 80-100 | 40-70  | 12-40 | 12-25        | NP-7             |
|                          |       | Sandy Loam      |                |        |            |             |                              |        |        |       |              |                  |
| Kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Yemassee                 | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 19C:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Uchee                    | 0-28  | Loamy Sand      | SM             | A-1-b  | 0          | 0           | 90-100                       | 80-100 | 40-70  | 4-15  | 8-18         | NP-3             |
|                          |       | Sand            |                | A-2    |            |             |                              |        |        |       |              |                  |
|                          | 28-52 | Sandy Clay Loam | CH             | A-2    | 0          | 0           | 90-100                       | 80-100 | 48-100 | 24-95 | 14-61        | 1-27             |
|                          |       | Sandy Loam      | CL             | A-4    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay            | MH             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Clay      | SC             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SC-SM          |        |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SM             |        |            |             |                              |        |        |       |              |                  |
|                          | 52-60 | Loamy Sand      | SM             | A-4    | 0          | 0           | 85-100                       | 80-100 | 40-70  | 12-40 | 12-25        | NP-7             |
|                          |       | Sandy Loam      |                |        |            |             |                              |        |        |       |              |                  |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 19C:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Yemassee                 | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Nawney                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 20B:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Uchee                    | 0-28  | Loamy Sand      | SM             | A-1-b  | 0          | 0           | 90-100                       | 80-100 | 40-70  | 4-15  | 8-18         | NP-3             |
|                          | 28-52 | Sandy Clay Loam | CH             | A-2    | 0          | 0           | 90-100                       | 80-100 | 48-100 | 24-95 | 14-61        | 1-27             |
|                          |       | Sandy Loam      | CL             | A-4    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay            | MH             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Clay      | SC             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SC-SM          |        |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SM             |        |            |             |                              |        |        |       |              |                  |
|                          | 52-60 | Loamy Sand      | SM             | A-4    | 0          | 0           | 85-100                       | 80-100 | 40-70  | 12-40 | 12-25        | NP-7             |
|                          |       | Sandy Loam      |                |        |            |             |                              |        |        |       |              |                  |
| Peawick                  | 0-4   | Silt Loam       | CL-ML          | A-4    | 0          | 0           | 90-100                       | 75-100 | 64-100 | 60-90 | 16-30        | 2-10             |
|                          |       | Loam            | ML             |        |            |             |                              |        |        |       |              |                  |
|                          | 4-70  | Clay            | CH             | A-6    | 0          | 0           | 90-100                       | 80-100 | 72-100 | 56-95 | 34-61        | 12-27            |
|                          |       | Silty Clay      | CL             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay Loam       | ML             |        |            |             |                              |        |        |       |              |                  |
|                          |       | Silty Clay Loam |                |        |            |             |                              |        |        |       |              |                  |
| Kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Slagle                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 20C:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol and Soil Name | Depth | USDA Texture    | Classification |        | Fragments  |             | Percent Passing Sieve Number |        |        |       | Liquid Limit | Plasticity Index |
|--------------------------|-------|-----------------|----------------|--------|------------|-------------|------------------------------|--------|--------|-------|--------------|------------------|
|                          |       |                 | Unified        | AASHTO | >10 Inches | 3-10 Inches | 4                            | 10     | 40     | 200   |              |                  |
|                          |       | In              |                |        | Pct        | Pct         |                              |        |        |       | Pct          |                  |
| 20C:                     |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Uchee                    | 0-28  | Loamy Sand      | SM             | A-1-b  | 0          | 0           | 90-100                       | 80-100 | 40-70  | 4-15  | 8-18         | NP-3             |
|                          |       | Sand            |                | A-2    |            |             |                              |        |        |       |              |                  |
|                          | 28-52 | Sandy Loam      | CH             | A-2    | 0          | 0           | 90-100                       | 80-100 | 48-100 | 24-95 | 14-61        | 1-27             |
|                          |       | Sandy Clay Loam | CL             | A-4    |            |             |                              |        |        |       |              |                  |
|                          |       | Sandy Clay      | MH             | A-6    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay            | SC             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SC-SM          |        |            |             |                              |        |        |       |              |                  |
|                          |       |                 | SM             |        |            |             |                              |        |        |       |              |                  |
|                          | 52-60 | Loamy Sand      | SM             | A-4    | 0          | 0           | 85-100                       | 80-100 | 40-70  | 12-40 | 12-25        | NP-7             |
|                          |       | Sandy Loam      |                |        |            |             |                              |        |        |       |              |                  |
| Peawick                  |       |                 |                |        |            |             |                              |        |        |       |              |                  |
|                          | 0-4   | Silt Loam       | CL-ML          | A-4    | 0          | 0           | 90-100                       | 75-100 | 64-100 | 60-90 | 16-30        | 2-10             |
|                          |       | Loam            | ML             |        |            |             |                              |        |        |       |              |                  |
|                          | 4-70  | Clay Loam       | CH             | A-6    | 0          | 0           | 90-100                       | 80-100 | 72-100 | 56-95 | 34-61        | 12-27            |
|                          |       | Silty Clay Loam | CL             | A-7    |            |             |                              |        |        |       |              |                  |
|                          |       | Clay            | ML             |        |            |             |                              |        |        |       |              |                  |
|                          |       | Silty Clay      |                |        |            |             |                              |        |        |       |              |                  |
| kinston                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| slagle                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 21:                      |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Udorthents               | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| 22:                      |       |                 |                |        |            |             |                              |        |        |       |              |                  |
| Urban land               | 0-6   | Material        | ---            | ---    | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | NP               |
| 23:                      |       |                 |                |        |            |             |                              |        |        |       |              |                  |

**Table H. - Engineering Index Properties - Continued**

Isle of Wight County, Virginia

| Map Symbol<br>and Soil Name | Depth | USDA Texture   | Classification             |                   | Fragments     |                | Percent Passing Sieve Number |        |       |       | Liquid<br>Limit | Plasticity<br>Index |
|-----------------------------|-------|--|----------------------------|-------------------|---------------|----------------|------------------------------|--------|-------|-------|-----------------|---------------------|
|                             |       |  | Unified                    | AASHTO            | >10<br>Inches | 3-10<br>Inches | 4                            | 10     | 40    | 200   |                 |                     |
|                             |       | In   |                            |                   | Pct           | Pct            |                              |        |       |       | Pct             |                     |
| 23:<br>Yemassee             | 0-10  | Sandy Loam<br>Fine Sandy Loam                                  | SM                         | A-2<br>A-4        | 0             | 0              | 100                          | 100    | 60-85 | 30-55 | 14-25           | 1-7                 |
|                             | 10-52 | Fine Sandy Loam<br>Sandy Clay Loam                             | CL<br>CL-ML<br>SC<br>SC-SM | A-4<br>A-6        | 0             | 0              | 100                          | 100    | 70-90 | 45-55 | 18-43           | 3-17                |
|                             | 52-60 | Fine Sandy Loam<br>Loamy Sand<br>Sandy Loam<br>Sandy Clay Loam | CL-ML<br>SC<br>SC-SM<br>SM | A-2<br>A-4<br>A-6 | 0             | 0              | 90-100                       | 85-100 | 42-90 | 13-55 | 10-38           | NP-14               |
| Slagle                      | ---   |  |                            |                   | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Myatt                       | ---   |  |                            |                   | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| W:<br>Water                 | ---   |  |                            |                   | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |