

### Table H. - Engineering Index Properties

Northampton 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          |                  |
| AsE:                     |       |                                  |                            |                     |            |             |                              |        |       |       |              |                  |
| Assateague               | 0-4   | Sand                             | SC-SM                      | A-1<br>A-2-4<br>A-3 | 0          | 0           | 100                          | 80-100 | 40-70 | 4-15  | 0-23         | NP-6             |
|                          | 4-85  | Fine Sand<br>Sand<br>Coarse Sand | SP<br>SP-SM<br>SW<br>SW-SM | A-1<br>A-3          | 0          | 0           | 100                          | 80-100 | 35-80 | 3-35  | 0-19         | NP-2             |
| Bojac                    | ---   |                                  |                            |                     | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Munden                   | ---   |                                  |                            |                     | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Nimmo                    | ---   |                                  |                            |                     | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| AtD:                     |       |                                  |                            |                     |            |             |                              |        |       |       |              |                  |
| Assateague               | 0-4   | Fine Sand                        | SM                         | A-2-4               | 0          | 0           | 100                          | 80-100 | 50-80 | 15-35 | 0-23         | NP-6             |
|                          | 4-85  | Fine Sand<br>Sand<br>Coarse Sand | SP<br>SP-SM<br>SW<br>SW-SM | A-1<br>A-3          | 0          | 0           | 100                          | 80-100 | 35-80 | 3-35  | 0-19         | NP-2             |
| Fisherman                | ---   |                                  |                            |                     | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Camocca                  | ---   |                                  |                            |                     | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Chincoteague             | ---   |                                  |                            |                     | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| BeB:                     |       |                                  |                            |                     |            |             |                              |        |       |       |              |                  |

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

Northampton 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             |                     |
| <b>BeB:</b>                 |       |                      |                |        |               |                |                              |        |       |       |                 |                     |
| Beaches                     | 0-6   | Sand                 | SP             | A-1    | 0             | 0              | 100                          | 80-100 | 40-70 | 4-15  | 0-14            | NP                  |
|                             |       |                      | SP-SM          | A-3    |               |                |                              |        |       |       |                 |                     |
|                             | 6-60  | Fine Sand            | SP             | A-1    | 0             | 0              | 100                          | 80-100 | 35-80 | 3-35  | 0-14            | NP                  |
|                             |       | Sand                 | SP-SM          | A-3    |               |                |                              |        |       |       |                 |                     |
|                             |       | Coarse Sand          |                |        |               |                |                              |        |       |       |                 |                     |
| Assateague                  | ---   |                      |                |        | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Fisherman                   | ---   |                      |                |        | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Camocca                     | ---   |                      |                |        | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| <b>BhB:</b>                 |       |                      |                |        |               |                |                              |        |       |       |                 |                     |
| Bojac                       | 0-6   | Loamy Sand           | SM             | A-2-4  | 0             | 0              | 95-100                       | 90-100 | 45-75 | 15-30 | 0-22            | NP-4                |
|                             | 6-38  | Loam                 | CL             | A-2    | 0             | 0              | 95-100                       | 90-100 | 55-95 | 25-75 | 21-28           | 6-10                |
|                             |       | Fine Sandy Loam      | SC             | A-4    |               |                |                              |        |       |       |                 |                     |
|                             |       | Sandy Loam           |                |        |               |                |                              |        |       |       |                 |                     |
|                             | 38-60 | Gravelly Coarse Sand | SM             | A-1    | 0             | 0              | 75-100                       | 65-100 | 30-85 | 3-45  | 0-21            | NP-4                |
|                             |       | Fine Sand            | SP             | A-2-4  |               |                |                              |        |       |       |                 |                     |
|                             |       | Loamy Fine Sand      | SW-SM          | A-3    |               |                |                              |        |       |       |                 |                     |
| Dragston                    | ---   |                      |                |        | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Seabrook                    | ---   |                      |                |        | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Nimmo                       | ---   |                      |                |        | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| <b>BkA:</b>                 |       |                      |                |        |               |                |                              |        |       |       |                 |                     |

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

Northampton 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             |                     |
| BkA:                        |       |  |                            |                     |               |                |                              |        |       |       |                 |                     |
| Bojac                       | 0-9   | Sandy Loam<br>Fine Sandy Loam                        | CL-ML<br>ML<br>SC-SM<br>SM | A-2-4<br>A-4        | 0             | 0              | 95-100                       | 90-100 | 55-85 | 25-55 | 0-25            | NP-4                |
|                             | 9-32  | Sandy Loam<br>Loam<br>Fine Sandy Loam                | CL<br>SC                   | A-2<br>A-4          | 0             | 0              | 95-100                       | 90-100 | 55-95 | 25-75 | 21-28           | 6-10                |
|                             | 32-60 | Fine Sand<br>Loamy Fine Sand<br>Gravelly Coarse Sand | SM<br>SP<br>SW-SM          | A-1<br>A-2-4<br>A-3 | 0             | 0              | 75-100                       | 65-100 | 30-85 | 3-45  | 0-21            | NP-4                |
| Dragston                    | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Seabrook                    | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Nimmo                       | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| BoA:                        |       |  |                            |                     |               |                |                              |        |       |       |                 |                     |
| Bojac                       | 0-9   | Fine Sandy Loam                                      | CL-ML<br>ML<br>SC-SM<br>SM | A-4                 | 0             | 0              | 95-100                       | 90-100 | 65-85 | 35-55 | 0-25            | NP-4                |
|                             | 9-32  | Sandy Loam<br>Loam<br>Fine Sandy Loam                | CL<br>SC                   | A-2<br>A-4          | 0             | 0              | 95-100                       | 90-100 | 55-95 | 25-75 | 21-28           | 6-10                |
|                             | 32-60 | Gravelly Coarse Sand<br>Loamy Fine Sand<br>Fine Sand | SM<br>SP<br>SW-SM          | A-1<br>A-2-4<br>A-3 | 0             | 0              | 75-100                       | 65-100 | 35-85 | 3-45  | 0-21            | NP-4                |
| Dragston                    | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Polawana                    | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |

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

Northampton 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          |                  |
| BoA:                     |       |   |                      |                          |            |             |                              |        |        |       |              |                  |
| Nimmo                    | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| CaA:                     |       |   |                      |                          |            |             |                              |        |        |       |              |                  |
| Camocca                  | 0-85  | Fine Sand                                   | SM                   | A-2-4                    | 0          | 0           | 100                          | 85-100 | 55-80  | 15-35 | 0-19         | NP-1             |
| Assateague               | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Fisherman                | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Beaches                  | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Chincoteague             | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| ChA:                     |       |   |                      |                          |            |             |                              |        |        |       |              |                  |
| Chincoteague             | 0-6   | Silt Loam                                   | CL<br>CL-ML<br>ML    | A-4<br>A-6<br>A-7        | 0          | 0           | 100                          | 98-100 | 90-100 | 70-90 | 26-66        | 6-24             |
|                          | 6-40  | Silt Loam<br>Loam<br>Silty Clay Loam        | CL                   | A-6<br>A-7               | 0          | 0           | 100                          | 98-100 | 85-100 | 60-95 | 32-47        | 13-25            |
|                          | 40-60 | Silt Loam<br>Silty Clay Loam<br>Coarse Sand | CL<br>ML<br>SC<br>SM | A-1<br>A-2<br>A-4<br>A-6 | 0          | 0           | 100                          | 80-100 | 35-100 | 3-95  | 0-46         | NP-25            |
| Magotha                  | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Tidal flat               | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |
| Camocca                  | ---   |   |                      |                          | ---        | ---         | ---                          | ---    | ---    | ---   | ---          | ---              |

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

Northampton 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             |                     |
| ChA:                        |       |  |                            |                     |               |                |                              |        |       |       |                 |                     |
| Nimmo                       | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| DrA:                        |       |  |                            |                     |               |                |                              |        |       |       |                 |                     |
| Dragston                    | 0-6   | Fine Sandy Loam                                    | CL-ML<br>SC-SM<br>SM       | A-4                 | 0             | 0              | 100                          | 95-100 | 65-85 | 40-55 | 17-28           | 1-7                 |
|                             | 6-45  | Loam<br>Sandy Loam<br>Fine Sandy Loam              | CL<br>CL-ML<br>SC<br>SC-SM | A-2<br>A-4          | 0             | 0              | 100                          | 95-100 | 55-95 | 30-75 | 20-30           | 6-12                |
|                             | 45-60 | Fine Sand<br>Fine Sandy Loam<br>Loamy Sand<br>Sand | SC-SM<br>SM<br>SP-SM       | A-1<br>A-2-4<br>A-3 | 0             | 0              | 95-100                       | 85-100 | 40-85 | 4-55  | 0-25            | NP-7                |
| Bojac                       | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Polawana                    | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Seabrook                    | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| FhB:                        |       |  |                            |                     |               |                |                              |        |       |       |                 |                     |
| Fisherman                   | 0-6   | Fine Sand  | SM                         | A-2-4               | 0             | 0              | 100                          | 80-100 | 50-80 | 15-35 | 0-24            | NP-6                |
|                             | 6-85  | Sand<br>Coarse Sand<br>Fine Sand                   | SM<br>SP<br>SP-SM<br>SW-SM | A-1<br>A-2-4<br>A-3 | 0             | 0              | 100                          | 80-100 | 35-80 | 3-35  | 0-19            | NP-2                |
| Assateague                  | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Beaches                     | ---   |  |                            |                     | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |

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

Northampton 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             |                     |
| FhB:                        |       |              |                |        |               |                |                              |        |       |      |                 |                     |
| Camocca                     | ---   |              |                |        | ---           | ---            | ---                          | ---    | ---   | ---  | ---             | ---                 |
| Chincoteague                | ---   |              |                |        | ---           | ---            | ---                          | ---    | ---   | ---  | ---             | ---                 |
| FmD:                        |       |              |                |        |               |                |                              |        |       |      |                 |                     |
| Fisherman                   | 0-6   | Fine Sand    | SM             | A-1    | 0             | 0              | 100                          | 80-100 | 35-80 | 3-35 | 0-24            | NP-6                |
|                             |       |              | SP             | A-2-4  |               |                |                              |        |       |      |                 |                     |
|                             |       |              | SP-SM          | A-3    |               |                |                              |        |       |      |                 |                     |
|                             |       |              | SW-SM          |        |               |                |                              |        |       |      |                 |                     |
|                             | 6-85  | Fine Sand    | SP             | A-1    | 0             | 0              | 100                          | 80-100 | 35-80 | 3-35 | 0-19            | NP-2                |
|                             |       | Sand         | SP-SM          | A-3    |               |                |                              |        |       |      |                 |                     |
|                             |       | Coarse Sand  | SW             |        |               |                |                              |        |       |      |                 |                     |
|                             |       |              | SW-SM          |        |               |                |                              |        |       |      |                 |                     |
| Assateague                  | 0-4   | Sand         | SP             | A-1    | 0             | 0              | 100                          | 80-100 | 40-70 | 4-15 | 0-23            | NP-6                |
|                             |       |              | SP-SM          | A-2-4  |               |                |                              |        |       |      |                 |                     |
|                             |       |              | SW             | A-3    |               |                |                              |        |       |      |                 |                     |
|                             |       |              | SW-SM          |        |               |                |                              |        |       |      |                 |                     |
|                             | 4-85  | Fine Sand    | SP             | A-1    | 0             | 0              | 100                          | 80-100 | 35-80 | 3-35 | 0-18            | NP-2                |
|                             |       | Sand         | SP-SM          | A-3    |               |                |                              |        |       |      |                 |                     |
|                             |       | Coarse Sand  | SW             |        |               |                |                              |        |       |      |                 |                     |
|                             |       |              | SW-SM          |        |               |                |                              |        |       |      |                 |                     |
| Beaches                     | ---   |              |                |        | ---           | ---            | ---                          | ---    | ---   | ---  | ---             | ---                 |
| Camocca                     | ---   |              |                |        | ---           | ---            | ---                          | ---    | ---   | ---  | ---             | ---                 |
| Chincoateague               | ---   |              |                |        | ---           | ---            | ---                          | ---    | ---   | ---  | ---             | ---                 |

FrB:

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

Northampton 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          |                  |
| FrB:                     |       |                 |                |        |            |             |                              |        |       |       |              |                  |
| Fisherman                | 0-6   | Fine Sand       | SM             | A-2-4  | 0          | 0           | 100                          | 80-100 | 50-80 | 15-35 | 0-24         | NP-6             |
|                          | 6-85  | Sand            | SP             | A-1    | 0          | 0           | 100                          | 80-100 | 35-80 | 3-35  | 0-19         | NP-2             |
|                          |       | Coarse Sand     | SP-SM          | A-3    |            |             |                              |        |       |       |              |                  |
|                          |       | Fine Sand       | SW             |        |            |             |                              |        |       |       |              |                  |
|                          |       |                 | SW-SM          |        |            |             |                              |        |       |       |              |                  |
| Camocca                  | 0-85  | Fine Sand       | SM             | A-1-b  | 0          | 0           | 100                          | 85-100 | 40-75 | 3-18  | 0-19         | NP-1             |
|                          |       |                 | SP             | A-2-4  |            |             |                              |        |       |       |              |                  |
|                          |       |                 | SP-SM          | A-3    |            |             |                              |        |       |       |              |                  |
| Assateague               | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Beaches                  | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Chincoteague             | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| MaA:                     |       |                 |                |        |            |             |                              |        |       |       |              |                  |
| Magotha                  | 0-5   | Fine Sandy Loam | CL             | A-2    | 0          | 0           | 100                          | 80-100 | 55-85 | 30-55 | 25-53        | 6-17             |
|                          |       |                 | ML             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       |                 | SC             | A-6    |            |             |                              |        |       |       |              |                  |
|                          |       |                 | SM             |        |            |             |                              |        |       |       |              |                  |
|                          | 5-40  | Loam            | CL             | A-2    | 0          | 0           | 100                          | 80-100 | 50-95 | 25-75 | 21-40        | 6-18             |
|                          |       | Fine Sandy Loam | SC             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Sandy Loam      |                | A-6    |            |             |                              |        |       |       |              |                  |
|                          | 40-63 | Sand            | SC             | A-1    | 0          | 0           | 100                          | 80-100 | 35-85 | 3-45  | 0-31         | NP-10            |
|                          |       | Loamy Fine Sand | SC-SM          | A-2-4  |            |             |                              |        |       |       |              |                  |
|                          |       | Fine Sand       | SM             |        |            |             |                              |        |       |       |              |                  |
|                          |       | Coarse Sand     | SP-SC          |        |            |             |                              |        |       |       |              |                  |
| Chincoteague             | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Nimmo                    | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |

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

Northampton 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             |                     |
| MaA:                        |                               |                         |                |            |               |                |                              |        |        |       |                 |                     |
| Munden                      | ---                           |                         |                |            | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| MoD:                        |                               |                         |                |            |               |                |                              |        |        |       |                 |                     |
| Molena                      | 0-5                           | Loamy Sand              | SM             | A-2-4      | 0             | 0              | 100                          | 98-100 | 50-75  | 15-30 | 0-24            | NP-4                |
|                             | 5-46                          | Loamy Sand              | SC-SM          | A-2-4      | 0             | 0              | 100                          | 98-100 | 50-85  | 15-45 | 16-23           | 2-6                 |
|                             | 46-72                         | Loamy Fine Sand         | SM             |            |               |                |                              |        |        |       |                 |                     |
|                             |                               | Sand                    | SP             | A-1        |               | 0              | 0-5                          | 70-100 | 60-100 | 30-70 | 3-15            | 0-19                |
|                             |                               | Gravelly Sand           | SP-SM          | A-2        |               |                |                              |        |        |       |                 |                     |
|                             |                               | Coarse Sand             |                | A-3        |               |                |                              |        |        |       |                 |                     |
| Munden                      | ---                           |                         |                |            | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| Polawana                    | ---                           |                         |                |            | ---           | ---            | ---                          | ---    | ---    | ---   | ---             | ---                 |
| MuA:                        |                               |                         |                |            |               |                |                              |        |        |       |                 |                     |
| Munden                      | 0-8                           | Sandy Loam              | SC             | A-2-4      | 0             | 0              | 100                          | 90-100 | 55-70  | 25-40 | 17-31           | 1-10                |
|                             |                               |                         | SC-SM          | A-4        |               |                |                              |        |        |       |                 |                     |
|                             |                               |                         | SM             |            |               |                |                              |        |        |       |                 |                     |
|                             | 8-42                          | Fine Sandy Loam<br>Loam | CL<br>SC       | A-2<br>A-4 | 0             | 0              | 100                          | 90-100 | 55-95  | 25-75 | 20-31           | 4-12                |
| 42-60                       | Sandy Loam                    | SC-SM                   | A-6            |            |               |                |                              |        |        |       |                 |                     |
|                             | Sand                          | SC-SM                   | A-2-4          | 0          | 0             | 100            | 90-100                       | 45-85  | 4-55   | 0-25  | NP-7            |                     |
|                             | Loamy Sand<br>Fine Sandy Loam | SM<br>SP-SM             | A-3            |            |               |                |                              |        |        |       |                 |                     |
| Molena                      | ---                           |                         |                |            | ---           | ---            | ---                          | ---    | ---    | ---   | ---             |                     |
| Nimmo                       | ---                           |                         |                |            | ---           | ---            | ---                          | ---    | ---    | ---   | ---             |                     |
| Polawana                    | ---                           |                         |                |            | ---           | ---            | ---                          | ---    | ---    | ---   | ---             |                     |

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

Northampton 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          |                  |
| NmA:                     |       |                 |                |        |            |             |                              |        |       |       |              |                  |
| Nimmo                    | 0-7   | Sandy Loam      | SC             | A-2-4  | 0          | 0           | 100                          | 95-100 | 55-70 | 30-40 | 17-32        | 1-9              |
|                          |       |                 | SC-SM          | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       |                 | SM             |        |            |             |                              |        |       |       |              |                  |
|                          | 7-43  | Sandy Loam      | CL             | A-2    | 0          | 0           | 100                          | 95-100 | 55-95 | 30-75 | 20-31        | 4-12             |
|                          |       | Fine Sandy Loam | SC             | A-4    |            |             |                              |        |       |       |              |                  |
|                          |       | Loam            |                | A-6    |            |             |                              |        |       |       |              |                  |
|                          | 43-65 | Sand            | SC-SM          | A-2-4  | 0          | 0           | 100                          | 95-100 | 50-80 | 5-35  | 0-21         | NP-4             |
|                          |       | Fine Sand       | SM             | A-3    |            |             |                              |        |       |       |              |                  |
|                          |       | Loamy Sand      | SP-SM          |        |            |             |                              |        |       |       |              |                  |
| Bojac                    | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Munden                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Seabrook                 | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| PoA:                     |       |                 |                |        |            |             |                              |        |       |       |              |                  |
| Polawana                 | 0-35  | Loamy Sand      | SM             | A-2-4  | 0          | 0           | 100                          | 98-100 | 50-75 | 15-30 | 0-46         | NP-7             |
|                          | 35-60 | Fine Sand       | SC-SM          | A-2-4  | 0          | 0           | 100                          | 98-100 | 50-85 | 15-45 | 0-30         | NP-7             |
|                          |       | Loamy Sand      | SM             |        |            |             |                              |        |       |       |              |                  |
|                          |       | Loamy Fine Sand |                |        |            |             |                              |        |       |       |              |                  |
| Molena                   | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Bojac                    | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| Chincoteague             | ---   |                 |                |        | ---        | ---         | ---                          | ---    | ---   | ---   | ---          | ---              |
| SeA:                     |       |                 |                |        |            |             |                              |        |       |       |              |                  |

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

Northampton 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             |                     |
| SeA:                        |       |                                      |                      |              |               |                |                              |        |       |       |                 |                     |
| Seabrook                    | 0-9   | Loamy Sand                           | SC-SM                | A-2-4        | 0             | 0              | 95-100                       | 85-100 | 40-75 | 15-30 | 0-28            | NP-7                |
|                             | 9-85  | Sand<br>Fine Sand<br>Loamy Fine Sand | SC-SM<br>SM          | A-2-4<br>A-3 | 0             | 0              | 95-100                       | 85-100 | 40-85 | 4-45  | 0-25            | NP-7                |
| Bojac                       | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Nimmo                       | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| UPD:                        |       |                                      |                      |              |               |                |                              |        |       |       |                 |                     |
| Udorthents                  | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Udipsamments                | 0-6   | Sand<br>Fine Sand                    | SC-SM<br>SM          | A-2-4<br>A-3 | 0             | 0              | 100                          | 100    | 50-80 | 5-35  | 8-10            | NP-3                |
|                             | 6-60  | Sand<br>Fine Sand                    | SC-SM<br>SM<br>SP-SM | A-2-4<br>A-3 | 0             | 0              | 100                          | 100    | 50-80 | 5-35  | 8-10            | NP-3                |
| Bojac                       | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Chicoteague                 | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Magotha                     | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Nimmo                       | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| Polawana                    | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |
| W:                          |       |                                      |                      |              |               |                |                              |        |       |       |                 |                     |
| Water                       | ---   |                                      |                      |              | ---           | ---            | ---                          | ---    | ---   | ---   | ---             | ---                 |

## Table H. - Engineering Index Properties - Continued

Northampton 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             |                     |

W: