## SOIL AND ROCK CLASSIFICATION SHEET

|            |            | _             | 11          |         |                                 | SOIL AND ROCK CLASSIFICATION SH  |      |       |              | SHE            | ET 1 OF 3                            |
|------------|------------|---------------|-------------|---------|---------------------------------|--|------|-------|--------------|----------------|--------------------------------------|
| PRC        | JEC        | T: <u>D</u>   | e1ma        | rva     | P                               | <u>&amp; L</u> w.o. <u>04-4645-000</u> site area <u>Ind</u>  | iar  | Ri    | ver          |                | LL HOLE NO well 1                    |
| CON        | ITRA       | CTOR:         | _De         | lma     | rva                             | Drill. Co. COORDINATES   |      |       |              |                | VATION25.2                           |
| DRII       | LLE        | R: <u> </u>   | eorg        | e P     | <u>ier</u>                      | sson   |      |       |              |                | 0 HRS15.00                           |
| CLA        | SSIF       | IED BY        | /:          | ·       | DJ.                             | DATE: 5/28/74  |      |       |              |                | 24 HRS15.00                          |
|            |            | <u> </u>      | <del></del> | T       | Г                               |  |      |       |              | ·              | 24 HRS                               |
| Dopth Ft.  | Sample No. | SPT<br>Blows/ |             | Rec.    | ية ا                            | DESCRIPTION  | S.   |       | Soil Or Rock |                | REMARKS<br>Chemical Comp,            |
| opti<br>mp | 6 1        | n.            | <u> </u>    | Profile | Density (or Consistency), Color | Ų,   | 0.D. | Range | Grain        | Geologic Data, |                                      |
| ۵          | o s        |               |             | "       |                                 | Rock Or Sail Type - Accessories  | U.S. | ~     | Size<br>Core | Shape<br>Rec.  | Ground Water, Construction Problems, |
| 0          |            | 6 1.          | 2 18        |         |                                 | ,  |      |       |              |                | etc.                                 |
| 0          |            | 6 1           | 2 18        |         |                                 | and gravel; gravel up to 3/8" angular to subrounded 5-10 rust-tan, sand and gravel, as above, 30% quartz gravel ½" size  10-15 tan, medium to coarse sand and gravel - gravel angular to subrounded  15-20 cream-tan, fine to coarse sand and gravel with cream clay modules, gravel up to ½", angular to rounded 20-25 tan, fine to medium sand with fine multicolor gravel, no clay, gravel ½", angular to subrounded  25-30 tan, medium to coarse sand and fine gravel, gravel mostly quartz, trace of shell fragments, gravel - fine to medium size  30-35 tan, medium-coarse sand & fine-medium gravel (1/8"), some shell fragments, trace rust color |      |       | Run          | Core           | - I                                  |
|            |            |               |             |         |                                 | 35-40 tan, medium-coarse sand with multicolor medium gravel, angular-subrounded, mostly quartz   |      |       |              | 1              |                                      |
| 9          |            |               |             |         | <br> -<br> -                    | 40-44 tan, fine-medium sand with some fine quartz gravel   |      |       |              |                |                                      |
| 니니니        |            |               |             |         | -                               | 44-50 tan-rust, very coarse sand with multicolor 1/8"-4" angular to subrounded gravel, rust staining on some gravel pieces   |      |       |              | 1              |                                      |

SOIL AND ROCK CLASSIFICATION SHEET 3/1-1-5 SHEET 2 OF \_\_\_3 PROJECT: Delmarva P & L W.O. 04-4645-000 SITE AREA Indian River DRILL HOLE NO. Ob well 1; CONTRACTOR: \_\_Delmarva\_Drilling Co. COORDINATES \_\_\_\_ ELEVATION \_\_\_\_\_25.2 DRILLER: <u>George Piersson</u> GWL 0 HRS \_\_\_\_\_ DATE: \_\_5/28/74 --- CLASSIFIED BY: 24 HRS \_\_\_\_\_ SPT REMARKS Soil Or Rock Blows/ DESCRIPTION Chemical Comp, 6 In. Density (or Consistency), Color Geologic Data, Range Grain Size Ground Water, Shape Rock Or Soil Type - Accessories Construction Problems, Core Rec. 6 12 18 Run Core 50-55 as above, slightly finer grained (more fine sand portion) 55-60 tan, medium to caorse sand with fine-medium angular-subround gravel, mostly quartz 60-65 tan, fine-coarse sand with some fine-medium gravel, gravel mostly quartz, subangularsubrounded 65-70 tan, medium-coarse sand with 40% fine-medium multicolor gravel, mostly quartz, subangular subrounded 70-75 as above, maybe slightly coarser grained 75-80 as above, some fine sand, gravel, angular to subrounded, some rust staining 80-85 light tan, fine-medium grained sand with trace gravel 85-90 same - change @ 91.0' 90-95 very rust tan, medium to

coarse sand with fine angular

95-100 rust-tan, medium to coarse sand with fine-medium angular-subrounded gravel, gravel multicolor, has rust stained pieces

gravel

GILBERT ASSOCIATES, INC.

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SOIL AND ROCK CLASSIFICATION SHEET

SHEET 3 OF 3 PROJECT: Delmarva P & L W.O. 04-4645-000 SITE AREA Indian River DRILL HOLE NO b well 1B CONTRACTOR: Delmarva Drill. Co. COORDINATES \_\_\_\_ ELEVATION \_\_\_\_\_25.2

DRILLER: George Piersson GWL 0 HRS \_\_\_\_\_ CLASSIFIED BY: DJS DATE: \_\_5/28/74 . 24 HRS .....

| _         | - |                          |  |         |  |         | <u> </u>   |  |        |  |      | 24 HRS                            |
|-----------|---|--------------------------|--|---------|--|---------|--|--|--------|--|------|-----------------------------------|
| Depth Ft. |   | S P T<br>Blows/<br>6 In. |  | Profile |  | Profile | DESCRIPTION  Density (or Consistency), Color  Rock Or Sail Type - Accessories  |  | R.Q.D. | Soil Or Rock  Range Grain Size Shape Core Rec. |      | Construction Problems,            |
| 105       |   |                          |  |         |  |         | 100-105 tan, medium to coarse sand with some fine gravel, trace of rust staining  105-110 rust-tan, medium to caorse sand with some fine angular gravel, material very homogeneous  110-115 tan, very coarse sand and fine angular gravel with tiny pieces of green clay  115-120 tan, coarse sand with fine to medium gravel, multicolor gravel, green pieces of silty clay |  |        | Run  | Core | Approximate Bottom of Pleistocene |
|           |   |                          |  |         |  |         | T.D. @ 120 feet.   |  |        |  |      |                                   |