GILBERT ASSOCIATES, INC

| Ç | , J. | 1 / | ý | | | SOIL AND ROCK CLASSIFICATION SI | HEFT | г | | | |
|--------------------|-----------|--------------|------|----------|------------|---|--------|-----|--|--------------|---|
| PRO | JEC | T: _ De | 1m. | P&: | L C | 0. w.o. <u>04-4645-000</u> SITE AREA <u>India</u> | | | . C+a+ | SHE | ET 1 OF 3 |
| CON | TRA | CTOR: . | De | lm. | Dr | illing Co. COORDINATES | att N | TVE | ı Stat | TONDRI | LL HOLE NO. Test Well |
| | | ۶. <u>Ge</u> | | | | O O O KBITTA LS | | | ······································ | | |
| JLA | SSIF | IED BY: | | DJ | S | DATE:5/30/74_ | | | | | 0 HR\$ |
| | r | I | | 1 | 1 | | | | | | 24 HRS |
| | | \$ P 1 | Γ | ŀ | | , | | | sail o | r Rock | REMARKS |
| r. | Sample No | Blows | s/ . | Rec. | ٠ | DESCRIPTION | S. | | 30., 0 | r Kock | Chemical Comp, |
| Depth | mple | 6 [n. | | <u>ب</u> | Profile | Density (ar Consistency), Color | U.S.C. | 0 | Range | Grain | Geologic Data, |
| ۵ | Sa | | | " | | Rock Or Soil Type - Accessories |] S | ď | Size | Shape | Ground Water, Construction Problems, |
| 0 | | 6 12 | 18 | | ŀ | ¥ | | | Core Run | Rec. Core | etc. |
| \vdash | | | | Γ | | - 0-5 light brown silty fine sand | 1 | _ | 1.0.1 | Core | |
| H | , | | | | | - no gravel (test pit) | 1 | | C | | Drilled 110 feet |
| | | | | | | | | | 0 | - | of 16" dia. hole |
| 5 | | | | | | 5-10 light brown, fine-medium | | | A R | - | · |
| | | | | | | sand with fine angular gravel, | | | S | - | · |
| Щ | | | İ | | | cream clay traces | | | Ħ | - | Set |
| 19 | | | | | | - 10 15 m | l | | × | | 90' of 10" I.D. |
| | | | | | | _ 10-15 Tan medium coarse sand - with some fine angular gravel | | | ĸ | - | casing |
| $\left - \right $ | | | | | . , | - water some time angular graver | | | Α 1 | | 90'-110' - 20' of 10" I.D. stain- |
| \vdash | | | | | | - | | | H | | less steel screen |
| 15 | | | | | | - 15-20 cream tan fine to medium | | | 田 | _ | Grouted |
| $\vdash \vdash$ | | | | | | sand with trace of fine angular gravel | | | R I | | 0'-70' - 6:1 |
| | ŀ | | | | | | 1 - 1 | İ | ➣ | _ | water:cement mix |
| | ı | | | | | | i i | | Ľ | | |
| Z٥ | | | | | | 20-25 - as above | | | 1 | , - | |
| | | | | | | | | | • | - | · |
| | - 1 | | | | | 25-30 as above -trace of shell | | | No | | |
| 25 | | | | | | fragments | | - 1 | Π | - | · |
| | | | | | | | | · | being | - | Ì |
| \dashv | - | | | | | - | 1 | | ng. | | |
| | | | | | Ì | | 1 | | £1 | 4 | |
| 30 | | | | | | - 30-35 tan, fine-coarse sand with | | | floated | | |
| | | | | | | - traces of multicolor fine gravel | | ı | ed. | 7 | |
| \Box | | | | | | | | | out | - | , ' |
| 35 | | | | | } | - | | | |] | |
| | İ | | | ļ | . <u>}</u> | 35-40 as above - mostly medium | | 1 | of | | |
| _ | | | ĺ | - | ļ | sand recovered | | - 1 | ho1 | | 1 |
| \dashv | | | | - [| ŀ | - | | | in I |] | |
| 40 | | | - | - | t | - | | | | | |
| | - | | | | | 40-45 tan medium-coarse sand | | | | - 1 | |
| | - } | | i | | · L | with traces of shell fragments | | - 1 | : [| 7 | 1 |

45-50 same - rods jumping - gravel layers

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GILBERT ASSULIATES, INC

SOIL AND ROCK CLASSIFICATION SHEET

Qh 11-3 SHEET _ 2 OF _ 3 PROJECT: Delmarva P & L w.o. 04-4645-000 SITE AREA Indian River Sta. DRILL HOLE NO. Test Well CONTRACTOR: Delmarva Drill. Co. COORDINATES _____ ELEVATION ____24.8 DRILLER: <u>George Pierson</u> GWL 0 HRS _____ CLASSIFIED BY: DJS DATE: _5/30/74

SPT REMARKS Soil Or Rock Blows/ DESCRIPTION Chemical Comp, S.C.S. 0.0 6 In. Density (or Consistency), Color Range Geologic Data, Ë Grain Shape Size Ground Water, . Rock Or Soil Type - Accessories Construction Problems, Core Rec. 6 12 18 Run Core 50-55 as above - rods jumping at 53.0' (gravel layer) C 55-60 as above - darker tan, tint 0 of rust iron staining > × S Ħ 60-65 tan, medium to coarse sand z recovered Z \rightarrow 65-70 as above н ᅜ z 70-75 as above 75-80 same with rust tint Not being floated 80-85 rust-tan, fine sand with some medium sand 85-90 rust, fine to medium sand with trace of rust brown clayey of silt 90-95 rust, tan, medium sand with some coarse sand 95-100 rust, tan-medium coarse sand with trace of fine gravel (Added more quickgel)

24 HRS _____

| GREERY ASSOCIATES, INC | 5 3 1 2 |
|---|---------------------------------------|
| SOIL AND ROCK CLASSIFICATION SHEET | Qh 11-3 |
| PROJECT: <u>Delmarva P & L.</u> W.O. <u>04-4645-000</u> SITE AREA <u>Indian River</u> | SHEET 3 OF 3 DRILL HOLE NO Test Well |
| CONTRACTOR: _Delmarva_DrillCo. COORDINATES | ELEVATION 24.8 |
| DRILLER: George Piersson | GWL 0 HRS |
| CLASSIFIED BY: DJS DATE: 5/30/74 | 24 HRS |

| - | | r | | | ט ט | | DATE: 5/30/74 | | | | | 24 HRS |
|-----------|------------|---|-----|----|---------------|----------|---|----------|----------|-----------------------|------------------------|---|
| Depth Ft. | Sample No. | В | P 7 | :/ | Ft. Rec. | Profile | DESCRIPTION Density (or Consistency), Color Rock Or Soil Type - Accessories | U.S.C.S. | R.Q.D. | Range Size Core | Grain Shape Rec. | REMARKS Chemical Comp, Geologic Data, Ground Water, Construction Problems |
| 00 | | _ | _ | _ | | | 100-105 ton male | | | Run | Core. | etc. |
| عه | | | | | | | 100-105 tan, medium to coarse sand with traces of shell fragments | | | | 1 | |
| | | | | | | | - 105-110 as above | | | | 1 | |
| \exists | | | | | | | - - | | | | - | |
| 0 | | | | | | | T.D. @ 110 feet | | | | | |
| <u>۔</u> | | | | | | | Over drilled hole to 122 feet to allow cuttings to settle out. | | | | - | |
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