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PROJECT CABBAGE TREE CREEK BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 3

HOLE No. 6

LOCATION Abutment B (approx.); co-ordinates 38433E 46364N

REF. No. H 6231

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-616 DATE 25/8/89

SURFACE R.L. 4.5

| DEPTH (M) | STRATA DESCRIPTION | | FIELD SAMPLE & N VALUE | GRAPHIC LOG | ENGINEERING PROPERTIES | | | | |
|-----------|--------------------|---|------------------------|-------------|-------------------------|----------------------|-------------------------|---------------------------------|---|
| | R.L. | LITHOLOGY | | | SOIL TYPE OR WEATHERING | PARAMETERS & INDICES | | MC (%) x DD (t/m ³) | |
| | 4.5 | | | | | X | X | X | X |
| 1 | | <u>FILL</u> Gravelly - drillers log only. | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | 0.5 | | | | | | | | |
| 5 | | <u>CLAY</u> Dark grey firm alluvium. Highly organic near top. Minor gravel in part. | A | | c 19kPa φ 3° | MC 72.6% | DD 0.90t/m ³ | | |
| 6 | | | B5 | | | | | | |
| 7 | -1.8 | <u>SAND</u> Grey medium dense, fine to coarse grained alluvium. Minor gravel. | | | | | | | |
| 8 | | | C19 | | | | | | |
| 9 | -3.3 | <u>MUDSTONE</u> Pale green, pale grey, blue green, dark brown to dark green, fine grained, poorly consolidated sedimentary rock. Yellow-brown ironstained near top. Shale in part. | D5 | | | | | | |
| 10 | | | E | | | | | | |

REMARKS

GEOL. _____
ENGR. _____

S.P.T.
 Core Loss
 WEATHERED CONDITION
 Extremely Weathered
 Moderately Weathered
 Water Level
 Highly Weathered
 Slightly Weathered

NOTE
FOR TERMS AND SYMBOLS REFER TO THE ATTACHED COVER PAGE.

PROJECT CABBAGE TREE CREEK BRIDGESITE FOUNDATION INVESTIGATION

Sheet 2 of 3

HOLE No. 6 Cont.

LOCATION

REF. No. H 6231

DATUM

JOB No. PROJECT No. DATE

SURFACE R.L.

| DEPTH (m) | STRATA DESCRIPTION | | FIELD SAMPLE & N VALUE | GRAPHIC LOG | ENGINEERING PROPERTIES | | | | |
|-----------|--------------------|---|------------------------|-------------|-------------------------|---------|-----|-------------------------|-----|
| | 1:50 | | | | PARAMETERS & INDICES | MC (%)x | | DD (t/m ³)□ | |
| | R.L. | LITHOLOGY SOIL TYPE OR WEATHERING | | | | x □ | x □ | x □ | x □ |
| -5.5 | | | | | | | | | |
| 11 | | MUDSTONE (Cont.) Indurated in part. Exhibits properties of a firm to hard, fissured, highly plastic clay. | E | | | | | | |
| 12 | | | F13 | | | | | | |
| 13 | | | G25 | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | H27 | | LL 92 PI 46 LS 21 | | | | |
| 16 | | | J27 | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | K32 | | | | | | |
| 19 | | | L48 | | | | | | |

REMARKS

GEOL.
ENGR.



S.P.T.



Core Loss

WEATHERED
CONDITION



Extremely
Weathered



Moderately
Weathered



Water
Level



Highly
Weathered



Slightly
Weathered

NOTE

FOR TERMS AND SYMBOLS REFER

TO DRAWING ATTACHED TO THIS PAGE.

LOCATION

REF. No. H 6231

DATUM

JOB No.

PROJECT No.

DATE

SURFACE R.L.

| DEPTH (m) | STRATA DESCRIPTION | | FIELD SAMPLE & N VALUE | GRAPHIC LOG | ENGINEERING PROPERTIES | | | | | |
|-----------|--------------------|-------------------------|------------------------|-------------------------------|------------------------|-----|----------|-----|--------------------------|--|
| | LITHOLOGY | SOIL TYPE OR WEATHERING | | | PARAMETERS & INDICES | | MC (%) x | | DD (t/m ³) □ | |
| | | | | | x □ | x □ | x □ | x □ | | |
| 1:50 | | | | | | | | | | |
| R.L. | | | | | | | | | | |
| -15.5 | | | | | | | | | | |
| 21 | MUDSTONE (Cont.) | | M33 | | | | | | | |
| 22 | | | N30 | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | P 47 250 | Pale green indurated mudstone | | | | | | |
| -20.35 | | | +35* Q50 | | | | | | | |
| 25 | END OF HOLE | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |

REMARKS + no sample recovered.

GEOLOGIST: *R. del.*
 ENGINEER: *S. Hobbs*

S.P.T.
 Core Loss
 WEATHERED CONDITION:

- Extremely Weathered
- Highly Weathered
- Moderately Weathered
- Slightly Weathered

 Water Level:

NOTE FOR TERMS AND SYMBOLS REFER TEST METHOD Q 188 - 1980 MATERIALS TESTING MANUAL