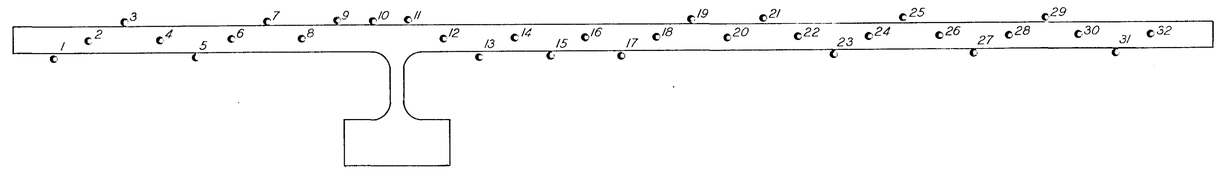
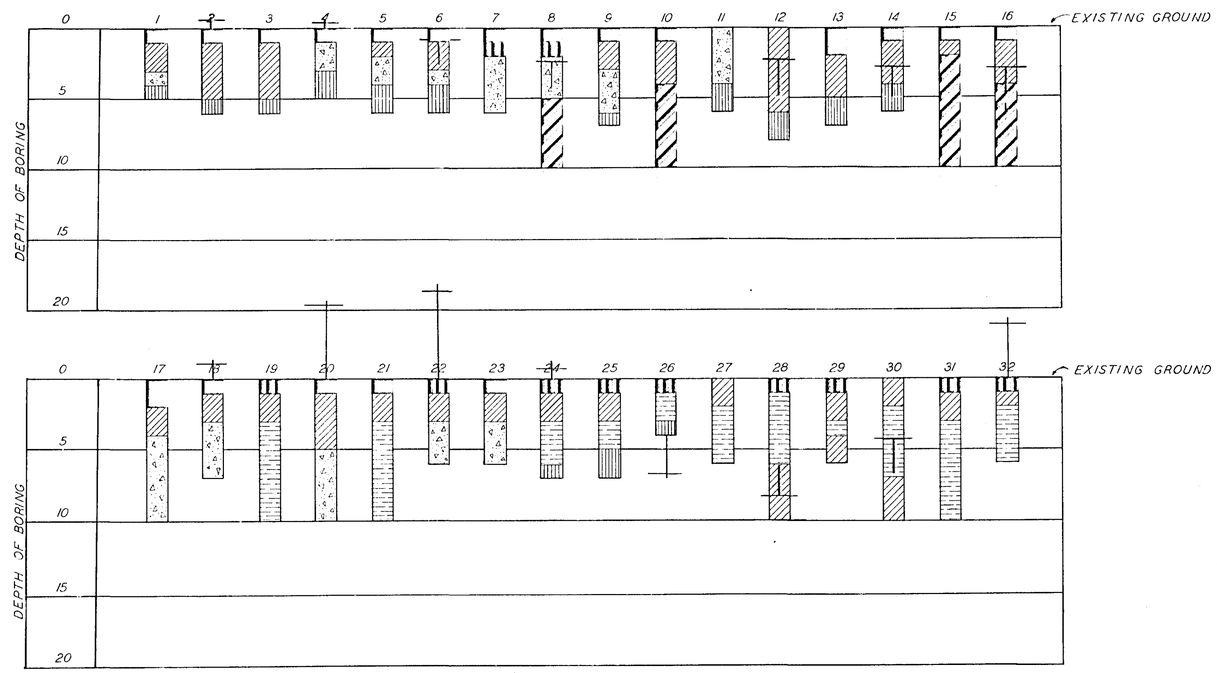
| SOIL LAYER | BORING NUMBER | MECHANICAL ANALYSIS % RETAINED ON 10 SIEVE | MATERIAL FINER THAN 10 SIEVE: COORSE SAND PASS 10 | FINE SAND PASS 60 | COMBINE | LIQUID LIMIT | PLASTICTY INDEX | F A A CLASS |
|---|---|---|---|---|---|---|---|---|
| A | 1 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 1 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| D | 1 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| F | 1 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 2 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 2 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| F | 2 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 3 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 3 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| F | 3 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 4 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| D | 4 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| F | 4 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 5 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 5 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| D | 5 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| F | 5 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 6 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 6 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| D | 6 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| F | 6 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 7 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| B | 7 | 9.6 | 16.6 | 16.0 | 67.3 | 45.8 | 17.4 | E-7 |
| D | 7 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| A | 8 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| B | 8 | 9.6 | 16.6 | 16.0 | 67.3 | 45.8 | 17.4 | E-7 |
| D | 8 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| E | 8 | 6.3 | 21.8 | 28.2 | 50.0 | 48.1 | 27.0 | E-7 |
| A | 9 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 9 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| D | 9 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| F | 9 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 10 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 10 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| E | 10 | 6.3 | 21.8 | 28.2 | 50.0 | 48.1 | 27.0 | E-7 |
| D | 11 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| F | 11 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| C | 12 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| F | 12 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 13 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 13 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| F | 13 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 14 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 14 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| F | 14 | 25.4 | 35.2 | 32.0 | 32.8 | 35.1 | 13.6 | E-5 |
| A | 15 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 15 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| E | 15 | 6.3 | 21.8 | 28.2 | 50.0 | 48.1 | 27.0 | E-7 |
| A | 16 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 16 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| E | 16 | 6.3 | 21.8 | 28.2 | 50.0 | 48.1 | 27.0 | E-7 |
| A | 17 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 17 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| D | 17 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| A | 18 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 18 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| D | 18 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| B | 19 | 9.6 | 16.6 | 16.0 | 67.3 | 45.8 | 17.4 | E-7 |
| C | 19 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| G | 19 | 22.0 | 18.9 | 26.6 | 54.7 | 40.5 | 16.9 | E-7 |
| A | 20 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 20 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| D | 20 | 24.2 | 32.3 | 37.7 | 30.0 | 40.3 | 20.6 | E-7 |
| A | 21 | 4.5 | 43.0 | 38.6 | 18.4 | 32.4 | 13.4 | E-5 |
| C | 21 | 5.7 | 6.1 | 69.9 | 24.1 | 38.6 | 15.0 | E-5 |
| G | 21 | 22.0 | 18.9 | 26.6 | 54.7 | 40.5 | 16.9 | E-7 |




BORING LOCATION MAP
SCALE 1"=200'




**LEGEND**

| | |
|---|---|
| LAYER-A | BROWN CLAY |
| LAYER-B | WHITE CLAY |
| LAYER-C | YELLOW CLAY |
| LAYER-D | YELLOW CHERTY CLAY |
| LAYER-E | RED CHERTY CLAY |
| LAYER-F | CHERT |
| LAYER-G | YELLOW CLAY AND GRAVEL |

**NOTE**

SYMBOL FOR FINISHED GRADE ℄ OF RUNWAY

| REV. | BY | DATE | DESCRIPTION |
|---|---|---|---|
| | | | |

POLK COUNTY, GEORGIA
F.A.A.P. NO. 9-09-056- -01

LOG OF BORINGS
SHEET 1 OF 2 SHEETS

POLK COUNTY AIRPORT
CEDARTOWN GEORGIA

APPROVED:
DISTRICT AIRPORT ENGINEER — DATE
CONSULTING ENGINEER — DATE
OWNER — DATE

DRWN. K.S.I.
CHKD. A.B.
DATE 5-6-1965
SCALE AS NOTED

HENSLEY-SCHMIDT, INC.
CONSULTING ENGINEERS
CHATTANOOGA, TENNESSEE
MARIETTA, GEORGIA

DRAWING NO. E-354-12