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PROJECT      GATEWAY ARTERIAL  
  
LOCATION      E41878.036,N44351.772  
  
JOB No.      C13A/7270/1

SOUNDING No.    CP69CC  
REF. No.    SE    1014  
DATUM      AHD  
SURFACE RL    1.862 m  
DATE      18/12/89

PROJECT No.    2-407

| CONE RESISTANCE $q_c$ (MPa) |   |   |   |   |   |   |   |   |   |    | DEPTH<br>(R.L.)<br>(m) | Graphic log | STRATA<br>DESCRIPTION | FRICTION RATIO $F_R$ (%) |   |   |   |   |    |
|-----------------------------|---|---|---|---|---|---|---|---|---|----|------------------------|-------------|-----------------------|--------------------------|---|---|---|---|----|
| 0                           | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                        |             |                       | 0                        | 2 | 4 | 6 | 8 | 10 |
|                             |   |   |   |   |   |   |   |   |   |    | 0.4                    |             | START                 |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | (1.462)                |             | V.Stiff Clay          |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | 1.0                    |             | V.Loose Silty Sand    |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | (0.862)                |             |                       |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | 2.25                   |             | Loose-M.Dense Sand    |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | (-0.39)                |             |                       |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | 4.25                   |             | V.Stiff Clay          |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | (-2.39)                |             |                       |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | 5.85                   |             | V.Stiff Sandy Silt    |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | (-4.0)                 |             |                       |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | 7.05                   |             | REFUSAL               |                          |   |   |   |   |    |
|                             |   |   |   |   |   |   |   |   |   |    | (-5.188)               |             |                       |                          |   |   |   |   |    |



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CHECKED BY AP DATE 2/3/90  
SIGNATORY D. F. Marks DATE 2/3/90