## E(i). Andhra Pradesh Engineering Research Laboratories Regional Soil Testing Laboratory Hyderabad.

Project: Construction of (Structure name)

Soil Testing - Communication of test results of the samples collected at ---

File No -

## TABLE I (IDENTIFICATION TESTS)

| SI No | Lab Ref.<br>of Soil<br>Sample | Soil Reference No given by<br>Department |                           |       | Atterberg Limits on Soil passing 0.425 mm size mesh |                  |                  |                   | % passing<br>0.075 mm<br>size | Gra    | dation Ar | nalysis I.S.I. |      |                          | Differential   |
|-------|-------------------------------|--|---------------------------|-------|---|------------------|------------------|-------------------|-------------------------------|--------|-----------|----------------|------|--------------------------|--|
|       |                               | B.H. No.                                 | at<br>Chainage<br>or @ KM | Depth | Liquid<br>limit                                     | Plastic<br>limit | Plasticity index | Shrikage<br>limit |                               | Gravel | Sand      | Silt           | Clay | I.S.I.<br>Classification | free swell of<br>soil passing<br>0.425mm size<br>(%) |
|       | No.                           |  |                           | М     | %   | %                | %                | %                 |                               | %      | %         | %              | %    |                          |  |
|       |                               |  |                           |       |   |                  |                  |                   |                               |        |           |                |      |                          |  |