

Figure B-5-5 Photograph of Left Bank Test Pit No.2 (1/2)



Figure B-5-6 Photograph of Left Bank Test Pit No.2 (2/2)

GEODYNAMICS CO.,LTD.

Geotechnical Engineering

LOG OF TEST PIT OR AUGER HOLE

FOR BORROW AND FOUNDATION INVESTIGATIONS

Feature ANCHOR BLOCK SITE

Project

HEHO HYDROPOWER PROJECT

Hole No. TP-3

Area Designation

Coordinates

Ground Elevation

Depth to Ground Water Level NIL

Method of Excavation Manual

Approx. Dimension of Hole 4' X 6' X 7.5

Dates of Excavation

25/26-May-01

Hole Logged By

S.Lwin

| CLASSIFICATION SYMBOL | | DEPTH (FEET) | SIZE AND TYPE OF SAMPLE TAKEN | CLASSIFICATION AND DESCRIPTION OF MATERIAL (SEE CHART UNIFIED SOIL CLASSIFICATION GIVE GEOLOGIC AND IN-PLACE DESCRIPTION FOR FOUNDATION INVESTIGATION) | PERCENTAGE OF COBBLES AND BOULDERS** | | | | |
|--|---------|--------------|-------------------------------|--|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| LETTER | GRAPHIC | | | | VOLUME OF HOLES SAMPLED (CUBIC FEET) | WEIGHT OF 3 TO 3 INCH SAMPLED (LBS) | PERCENTAGE BY VOLUME OF 3 TO 5 INCH | WEIGHT OF PLUS 5 INCH SAMPLED (LBS) | PERCENTAGE BY VOLUME OF PLUS TO 5 INCH |
| CL | | 0-1 ft. | | Top soil. Dark brown silty clay with organic matter | | | | | |
| | | 1-4.5 ft | | Residual soil. Reddish brown silty clay (CL) | | | | | |
| | | 4.5-7.5 ft | | Bedrock- Highly weathered for 1 ft (4.5-5.5) and moderately weathered in the remaining section. Variegated argillaceous limestone in which a phacoidal texture has developed. Very difficult to excavate manually. In the middle of the test pit floor there is a highly jointed with the strike of joints at N 15°E-Dip almost vertically. Foundation class C _{II} | | | | | |
| REMARKS | | | | | | | | | |
| <p>NOTES: Record water test and density test data, if applicable, under remarks</p> <p>*Record after water has reached its natural level, give date of reading adjacent to graphic symbol or in remarks</p> <p>**Applicable only to borrow pits and to foundations which are potential sources of construction materials</p> <p>*** (lbs of rock sampled / 100)</p> <p>(bulk specific gravity of rock) / 62.4 (Cubic feet hole sampled)</p> <p>Record bulk specific gravity in remarks, stating how obtained (measured or estimated)</p> | | | | | | | | | |

Figure B-5-7 Log of Left Bank Test Pit No.3

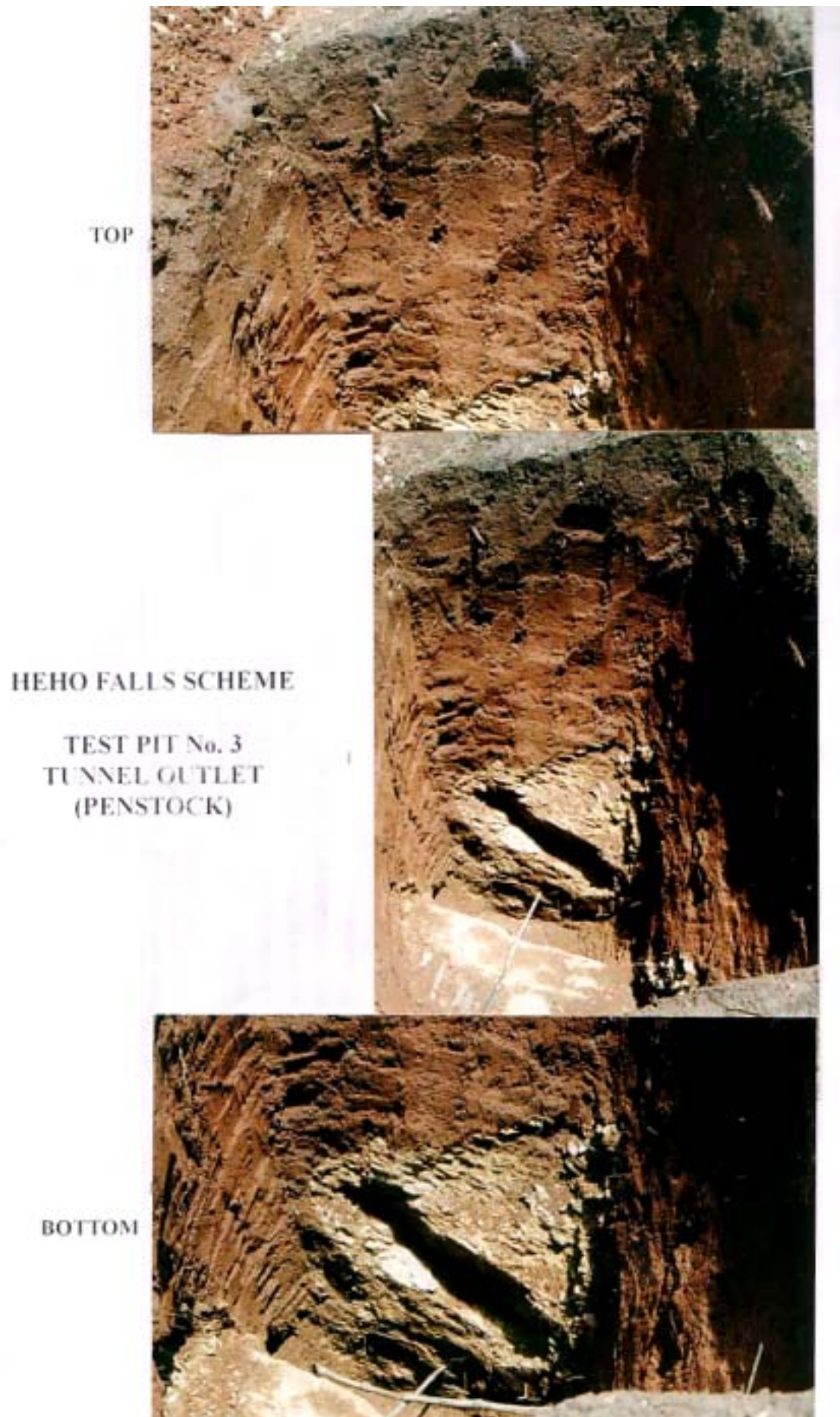


Figure B-5-8 Photograph of Left Bank Test Pit No.3

The Study on Introduction of Renewable Energies
in Rural Areas in Myanmar

Figure B-5-9 Log of Left Bank Test Pit No.4

| GEODYNAMICS CO.,LTD. Geotechnical Engineering. LOG OF TEST PIT OR AUGER HOLE FOR BORROW AND FOUNDATION INVESTIGATIONS | | | | | | | | | | | |
|--|---------|--------------|-------------------------------|---|--|-------------------------|--|---|---|---|--|
| Feature | | SADDLE PIER | | Project | | HEHO HYDROPOWER PROJECT | | Hole No. | | TP-4 | |
| Area Designation | | ----- | | Coordinates | | ----- | | Ground Elevation | | NIL | |
| Method of Excavation | | Manual | | Approx. Dimension of Hole | | 4' X 6' X 15' | | Dates of Excavation | | 25/26-May-01 | |
| | | | | | | | | Depth to Ground Water Level | | NIL | |
| | | | | | | | | Hole Logged By | | S.Lwin | |
| CLASSIFICATION SYMBOL | | DEPTH (FEET) | SIZE AND TYPE OF SAMPLE TAKEN | CLASSIFICATION AND DESCRIPTION OF MATERIAL (SEE CHART UNIFIED SOIL CLASSIFICATION GIVE GEOLOGIC AND IN-PLACE DESCRIPTION FOR FOUNDATION INVESTIGATION) | | | PERCENTAGE OF COBBLES AND BOULDERS** | | | | |
| LETTER | GRAPHIC | | | | | | VOLUME OF HOLES SAMPLED (CUBIC FEET) | WEIGHT OF 3 TO 5 INCH SAMPLED (LBS) | PERCENTAGE BY VOLUME OF 3 TO 5 INCH | WEIGHT OF PLUS 5 INCH SAMPLED (LBS) | PERCENTAGE BY VOLUME OF PLUS TO 5 INCH |
| | | 0-1.5 | | 0-1.5ft. Top soil. Dark grey silty clay with organic matter | | | | | | | |
| | | 1.5-15 | | 1.5-15ft Soil, Reddish brown clayey soil (CL). At 5.5 ft level, there is 6 inches layer of weathered rock pieces in clayey soil. Another thin layers of weathered limestone pieces in reddish brown clay at 9.5 ft level and also at the bottom 13ft to 15ft section. | | | | | | | |
| | | 5 | | | | | | | | | |
| | | 10 | | | | | | | | | |
| | | 15 | | Note-On 26 th Night heavy rain fall and in the morning there is about 1.5ft of water in the morning and all percolated into ground in the after noon. | | | | | | | |
| REMARKS | | | | | | | | | | | |
| NOTES: Record water test and density test data, if applicable, under remarks. *Record after water has reached its natural level, give date of reading adjacent to graphic symbol or in remarks. **Applicable only to borrow pits and to foundations which are potential sources of construction materials. | | | | | | | | | | | |
| *** (lbs of rock sampled /100) (bulk specific gravity of rock/62.4 (Cubic feet hole sampled)) Record bulk specific gravity in remarks, stating how obtained (measured or estimated) | | | | | | | | | | | |