TEST PIT No.4 (PEN STOCK)

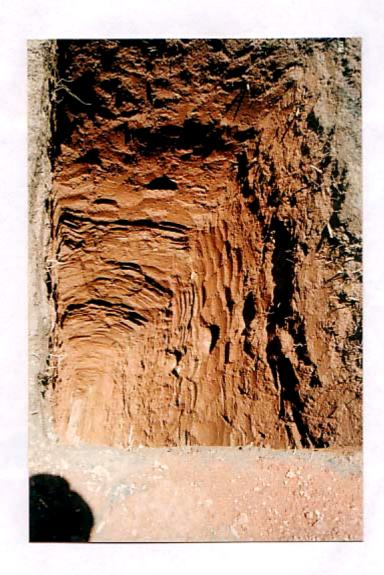


Figure B-5-10 Photograph of Left Bank Test Pit No.4 (1/2)

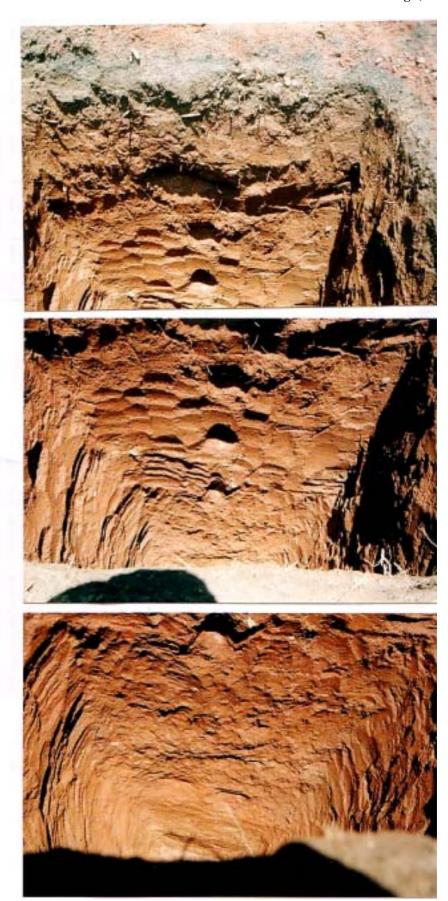


Figure B-5-11 Photograph of Left Bank Test Pit No.4 (2/2)

TEST PIT No. 4 (PENSTOCK) Figure B-5-12

Geotechnical Engineering.

LOG OF TEST PIT OR AUGER HOLE

FOR BORROW AND FOUNDATION INVESTIGATIONS

Feature POWER STATION Project HEHO HYDROPOWER PROJECT

Hole No.

TP-5

Area Designation-

------ Coordinates-------Ground Elevation-----

Depth to Ground Water Level

NIL

APPENDIX B-5 Test Pitting (12/24)

Method of Excavation Manual

Approx; Dimension of Hole 4'X 6'X 15'

Dates of Excavation

25/27-May-01

Hole Logged By S.Lwin

CLASSEDFICATION SYMBOL		DEPTH	SEZE AND	CLASSIFICATION AND DESCRIPTION OF MATERIAL	PERCENTAGE OF COBBLES AND BOULDERS**				
LETTER		(PEET)	THE OF SAMPLE TAKEN	(SEE CHART UNIFIED SOIL CLASSIFICATION GIVE GEOLOGIC AND IN-PLACE DESCRIPTIONFOR FOUNDATION INVESTIGATION)	HOLES EARTLED (CUC FEET)	WEIGHT OF 3 TO 3 INCH SAMPLED (LBS)	PERCENTAGE BY VOLUMEGES TO SINCH	WEIGHT OF PLUS SINOH SAMPLED (LIST)	PERCENTAGE VOLUME C PLUS TO S R
201L	" " " " " " " " " " " " " " " " " " "	5 -	1	8.5-11.5ft Bedrock. Highly weathered reddish yellow: and thin bedded limestone-moist and stiff 11.5-12.5ft . Highly weathered yellow, highly plastic very stiff in excavation					
HW HW		10 -		12.5-15ft Moderately weathered yellowish white siltstone, dry and dense, very hard to excavate manually. Foundation class CH					
REMA	RKS	15 -							

(lbs of rock sampled)100

(bulk specific gravity of rock)624 (Cubic feet hole sampled)

Record bulk specific gravity in remarks, stating how obtained (measured or estimated)

NOTES Record water test and density test data, if applicable, under remarks

*Record after water has reached its natural level, goive date of reading adjacent to graphic symbol or in remarks **Applicable aly to borrow pits and to foundations which are potential sources of construction materials

TEST PIT No. 5 POWER HOUSE (TAIL RACE)

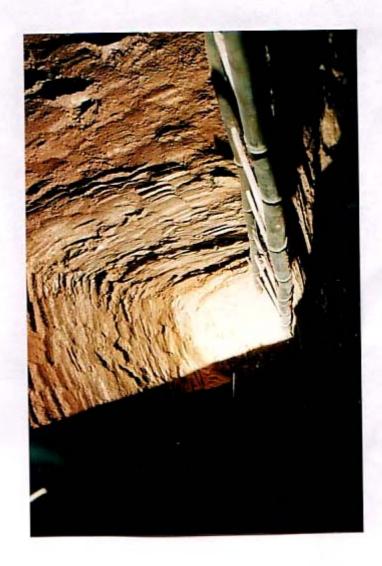


Figure B-5-13 Photograph of Left Bank Test Pit No.5 (1/2)

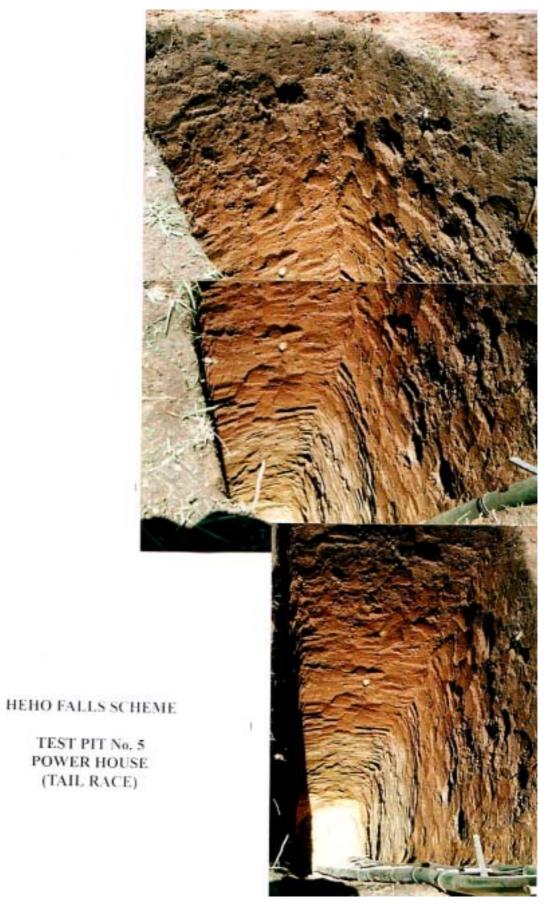


Figure B-5-14 Photograph of Left Bank Test Pit No.5 (2/2)

STATES. Record water test and should need data if applicable, under speciels.

Record after water has maded its natural layer, give date of quality adjacent to people; marked on a record

Applicable only to honore gibs and ne franchises which are potential sources of crossnoons constituted

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

GEODYNAMICS CO., LTD. Georgelmical Engineering LOG OF TEST PIT OR AUGER HOLE FOR BORROW AND FOUNDATION INVESTIGATIONS Feature Flat Plane, Right bank Project Heho Hydropower Project HoleNo. Intake Area. Ground Elevation 1138 (?) Depth to Ground Water Level 14 ft Coordinates Area Desigantion Hole Logged By S.Lwin Approx; Dimension of Hole 4*6*14.5 ft Dates of Excavation 19/21-12-01 Method of Excavation Manual PERCENTAGE OF COBBLES AND BOULDERS ** CLASSIFICATION CLASSIFICATION AND DESCRIPTION OF MATERIAL DEPTH SEZE AND TYPE SEE CHARL SMITH SOIL CLASSIFICATION GIVE GEOLOGIC AND EXPLACE DESCRIPTION become a RECOVER N (FEET) SAMPLE TAKEN FOR FOUNDATION INVESTIGATIONS) LETTER GRAPHIC GAMPLETING REP 0 - 1.5Dark grey, silty clayey soil with shell pieces, and vegetation roots. Moist, little cohesive. Whitish yellow, calcareous sand, derived from tuffa, 1.5 - 2.3Loose, moist. 2.3-2.5 Grey, ashy color, silty Paleo-soil layer, slightly plastic, moist, with pieces of tuffa 2.5-4.5 Whitish yellow - calcareous sand, derived from tuffa, with pieces of : tuffa, moist, soft, easy to excavate with hand tools. 2nd layer of paleo-soil, Grey ashy color, slightly plastic, moist. Whitish yellow - tuffaceous sand with pieces of tuff. 4.9-6.3 3rd layer of paleo-soil grey, slightly plastic, moist. 6.3-6.5 Yellowish white - tuffaceous sand ,soft, moist. 6.5-7.7 4th layer of grey paleo-soil, slightly plastic, moist, Yellowish white - tuffaceous sand with pieces of tuffa, soft, moist. 14-14.5 5th layer of grey paleo-soil, saturated, soft Besides the top dark gray, silty clayer soil layer, five horizons of paleo-soil layer are observed in this test pit, indicating that there are at least six! times of deposition and hiatus took placed in the past at this site.

Obtain specific growing of modify 624 (Curiot first of larty complete).

House of Palls, specific participy in Remarks, arming low obtained forecasted or color mode.

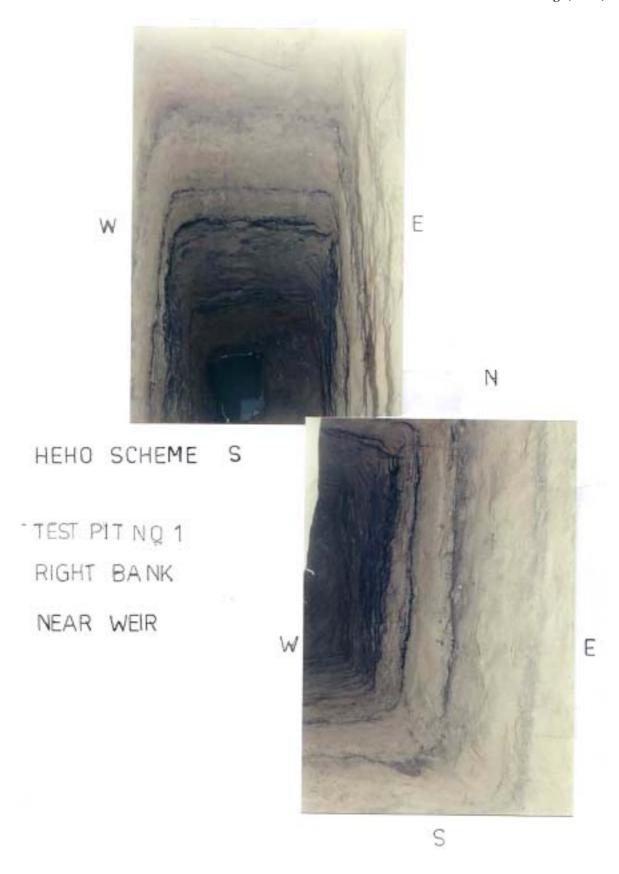


Figure B-5-16 Photograph of Right Bank Test Pit No.1 (1/3)

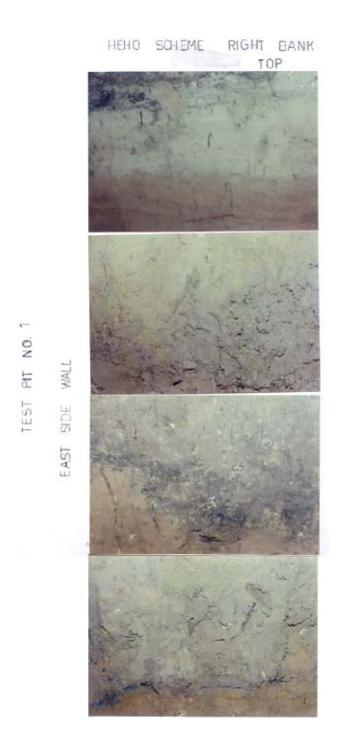


Figure B-5-17 Photograph of Right Bank Test Pit No.1 (2/3)

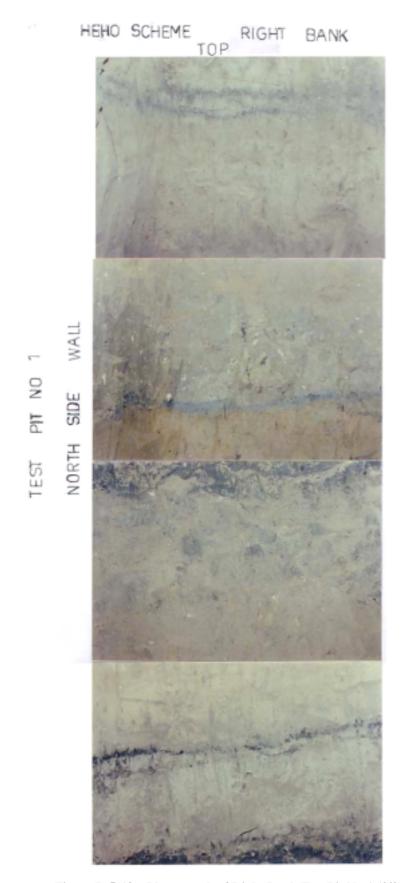


Figure B-5-18 Photograph of Right Bank Test Pit No.1 (3/3)

GEODYNAMICS CO., LTD. Geotechnical Engineering LOG OF TEST PIT OR AUGER HOLE FOR BORROW AND FOUNDATION INVESTIGATIONS Project Heho Hydropower Project Slightly sloping Ground Feature HoleNo. Area Designation Penstock alignment Ground Elevation 910 (approx) Depth to Ground Water Level Nil Coordinates Dates of Excavation 19/21-12-01 Method of Excavation Manual Approx; Dimension of Hole 4*6*7.5 ft Hole Logged By S.Lwin CLASSIFICATION PERCENTAGE OF COURLES AND BOULDERS ** SIZE AND TYPE OF SAMPLE TAKEN CLASSIFICATION AND DESCRIPTION OF MATERIAL DEPTH STMBOL. REPORT SAMPLE BY STATES TOURSE OF HOLE SAMPLE (CTIC FLLI) CHE CHART-TUNIFICD SOIL CLASSIFICATION GRIT GEOLOGIC AND IN-PLACE DESCRIPTION dTET) FOR PURPOATRON DIVESTIGATIONS) LETTER GRAPHS 0-3.5 Reddish brown highly plastic, moist, slope wash materials mixed with ... 100 3-12 inches subangular limestone pebbles and boulders. Reddish brown highly plastic, moist, slope wash materials with scattered 2262 limestone pebbles, subangular to subrounded. Limestone boulder, 1.5-2.0 ft, subangular, covered the whole test pit bottom. The observed mode of deposition of the boulders at the pit bottom indicated that the stream on the left of this pit, once flow over this place. The ground between this test pit and about the contour No. 910 (approx) is made up of talus materials. The limestone boulders are slightly weathered with whitish weathered crust. STRES. Record correction and devolvement data, if applicable, under sexual co. (Bu of each sampled) 2009

(this specific grains of section 200 into first of hole complete Record half, specific grains in Terminia, section have obtained treatment of second selfAPPENDIX B-5 Test Pitting (19/24)

Figure B-5-19 Log of Right Bank Test Pit No.2

Bused ofter come becomined to make all local, pine after of reading adjacent to propile spatial or in sexual-

"Applicable cole to bette a pix and to foundations which are potential towers of production named a