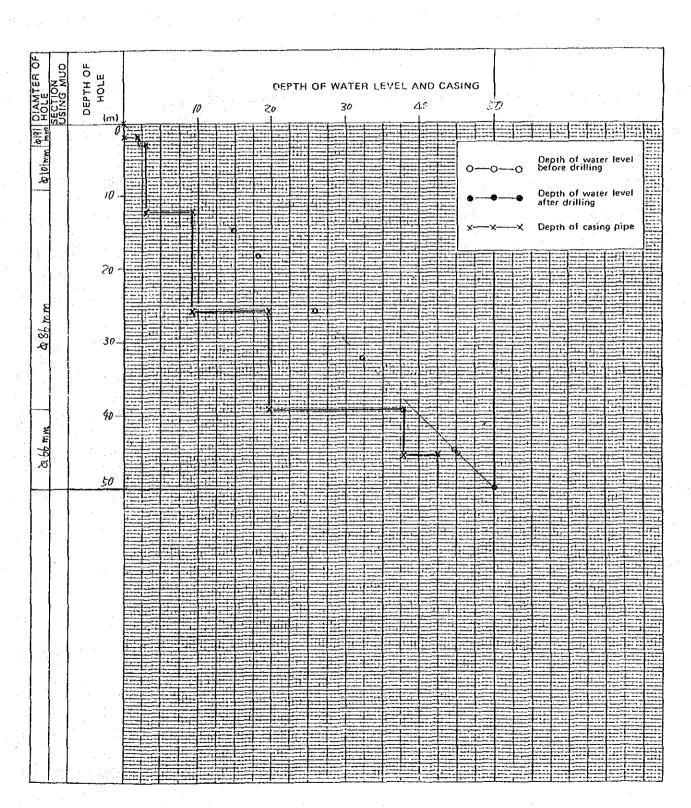
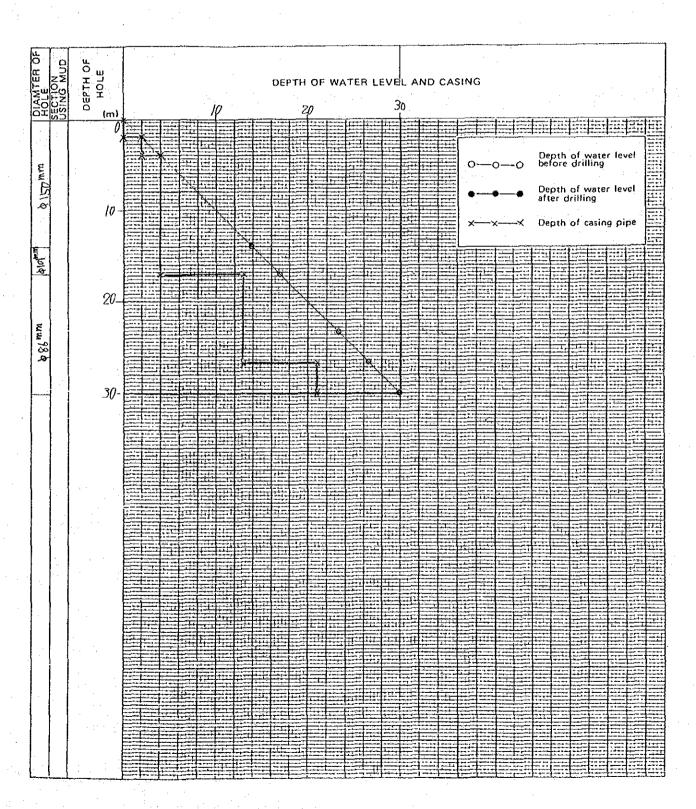
A-2-3 Record of Water Level in Borehole during Drilling

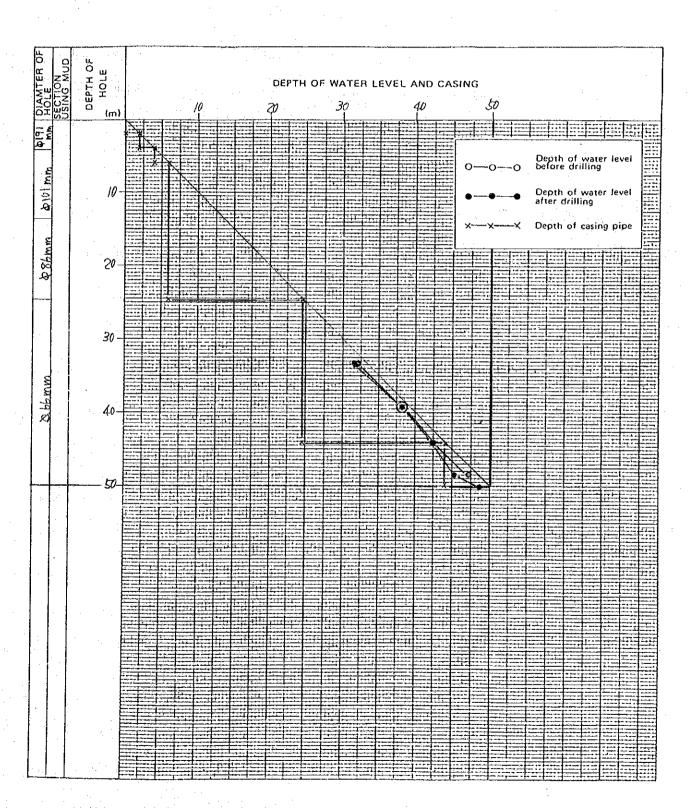
Kihansi PROJEC	· T	HOLE No. 7 1-	(SHEET OF)
LOCATION Uppen dam site ELEVATION 1373.61	DEPTH OF HOLE	50 m	COMPLETED 8.8.89
COORDINATE			MEASURED BY



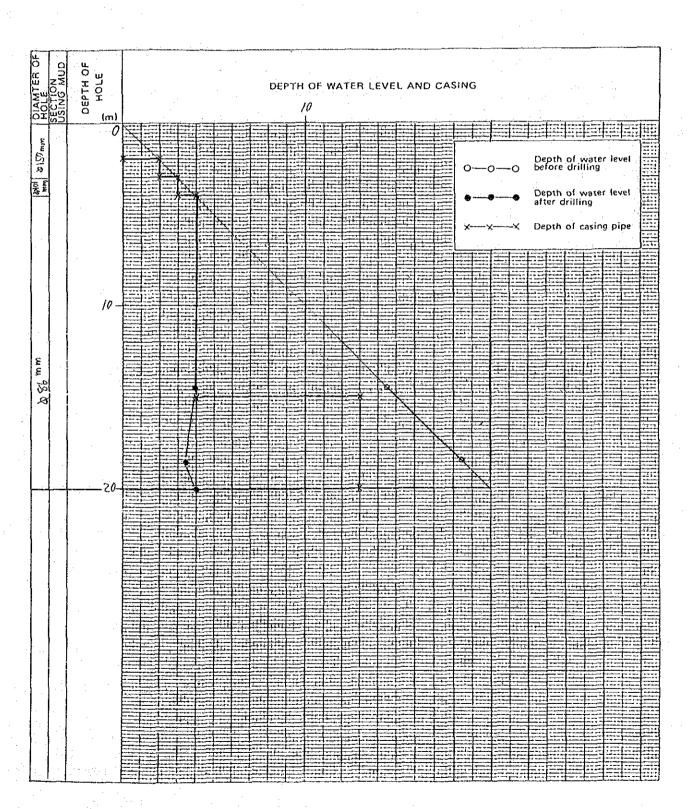
Kihansi PROJEC	Τ΄	HOLE No. ピノー	(SHEE	T OF)
LOCATION Vppen dam site ELEVATION 13666	DEPTH OF HOLE	30 m	COMMENCED COMPLETED	3. 9.89
COORDINATE			MEASURED BY	



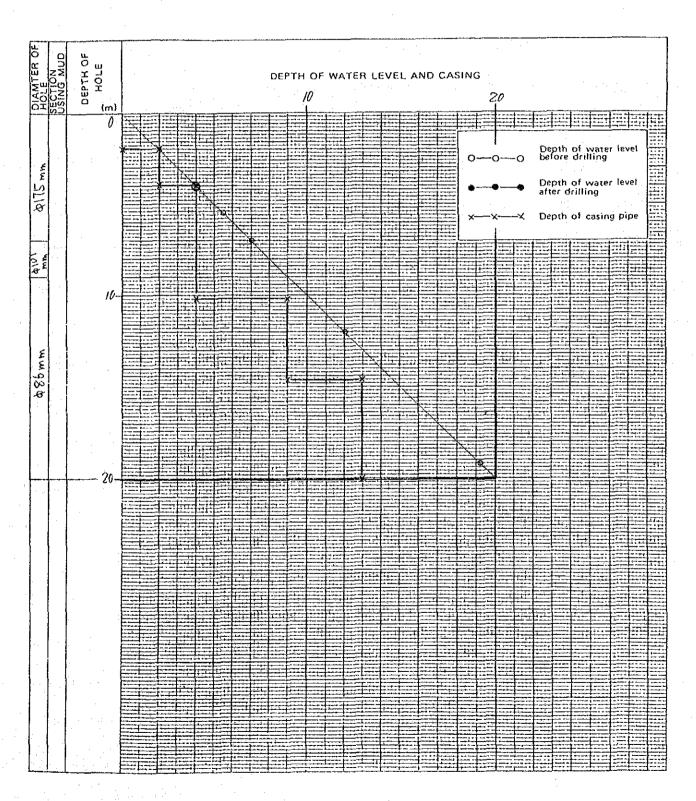
Kihansi.	PROJEC	T	HOLE No.	(SHEE	T OF)
LOCATION Upper day	n site	DEPTH OF HOLE		COMMENCED	8 - 2 - 39
ELEVATION	23	DIAMETER OF HOLE	\$191~ \$66 mm	COMPLETED	21. 1. 3
COORDINATE					
ANGLE FROM HORIZONTA	. <u>90°</u>	•	·	MEASURED BY	· ·



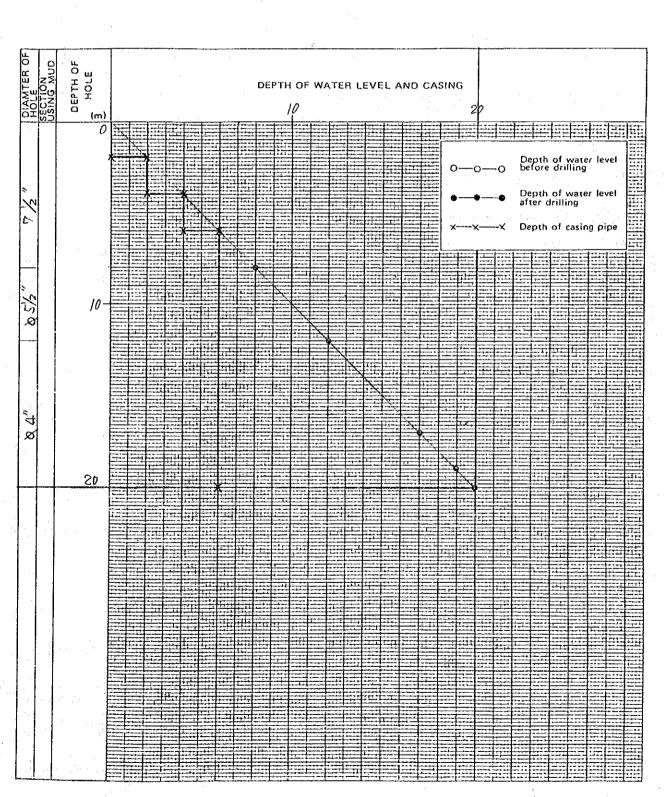
K: hansi PROJEC	τ	HOLE No.	(SHEE	T OF)
LOCATION Lower dam Site ELEVATION 1153.30	DEPTH OF HOLE DIAMETER OF HOLE	20 rn	COMMENCED COMPLETED	25. 9.79
COORDINATE			MEASURED BY	



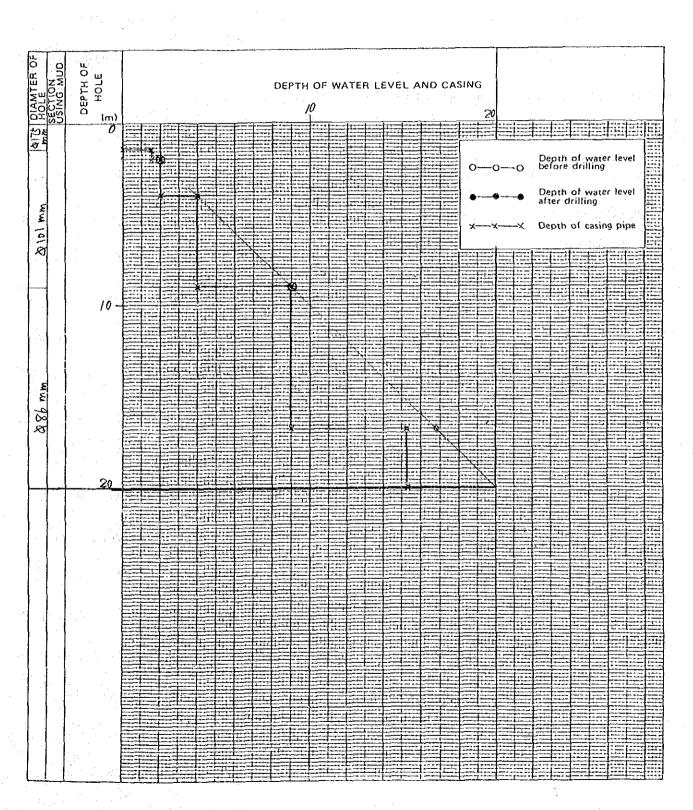
Kihansi PROJECT	HOLE No. (SHEET OF)
LOCATION Lower dam Site DEPTH OF HOLE ELEVATION //32,2 DIAMETER OF HOLE	20 m COMMENCED 18-8-70 4171-86 mm COMPLETED 21 9.78
ANGLE FROM HORIZONTAL 90°	MEASURED BY



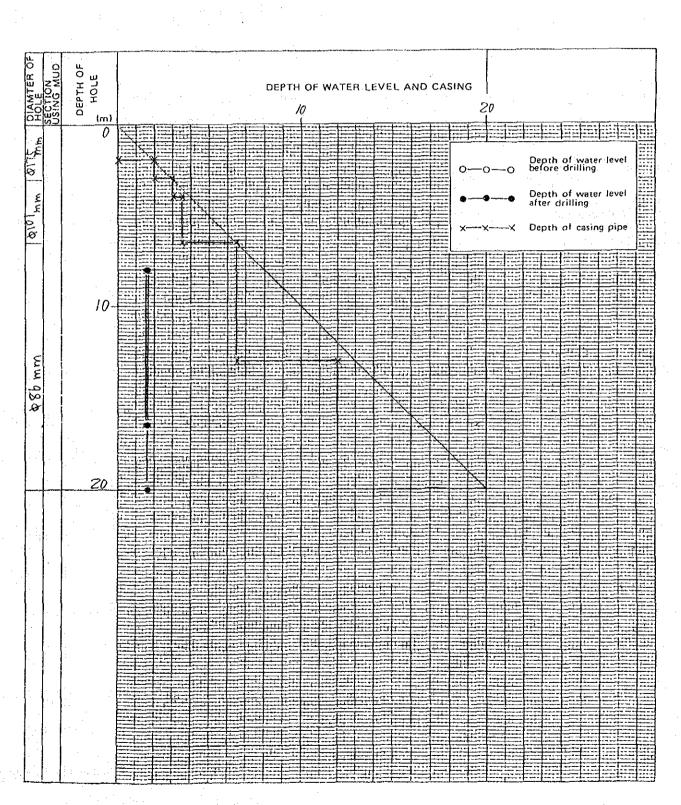
Kihansi PROJEC	τ	HOLE No.	(SHEET OF)
EOCATION Louse headface tunnel	DEPTH OF HOLE	20 m	COMMENCED 24. 8. 8
ELEVATION	DIAMETER OF HOLE	4 191 ~ 101 mm	COMPLETED 30.8 . 180
COORDINATE			
ANGLE FROM HORIZONTAL $q_{\theta^{\circ}}$			MEASURED BY



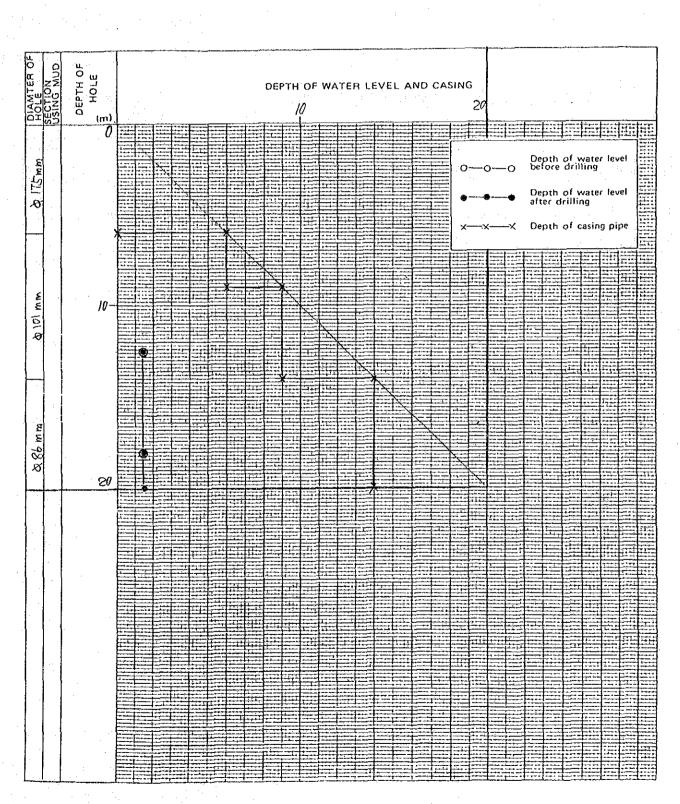
Kihansi PROJEC	e T	HOLE No. KL-4	(SHEET	OF)
LOCATION LOWER P/S ELEVATION 325.04	DEPTH OF HOLE	$\frac{20}{80.00}$ m	COMMENCED	12 7 . 789 15 8 . 789
COORDINATE			MEASURED BY	



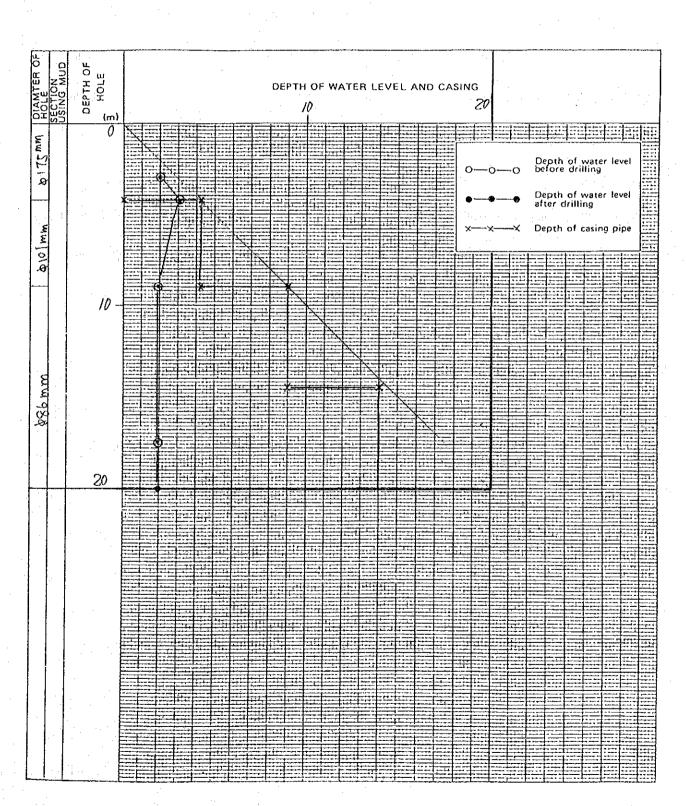
Kihansi PROJECT	HOLE No. /L -5 (SHEET OF)
LOCATION LOWER P/S DEPTH OF HOLE	20 m COMMENCED 10 - 7 - 89
ELEVATION 311,66 DIAMETER OF HOLE	\$175~86 mm COMPLETED 12-8-89
COORDINATE	
ANGLE FROM HORIZONTAL GOO	MEASURED BY



Kihan Si PROJECT	HOLE No. 1/1-	(SHEET OF)
LOCATION Sand growty / P/S DEPTH OF HOLE ELEVATION 1353.7 DIAMETER OF HOLE	20 m	COMPLETED 16- 9- 50
COORDINATE		MEASURED BY

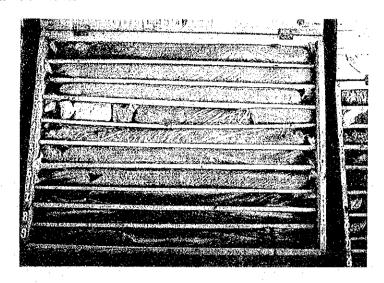


Kihansi PROJEC	Τ	HOLE No.	(SHEE	T OF)
LOCATION Sand greated	DEPTH OF HOLE		COMMENCED	P. <u>6</u>	-89
ELEVATION 280.9	DIAMETER OF HOLE	\$175~86 mm	COMPLETED	(8	.' 89
COORDINATE					
ANGLE FROM HORIZONTAL 90°			MEASURED BY	·	

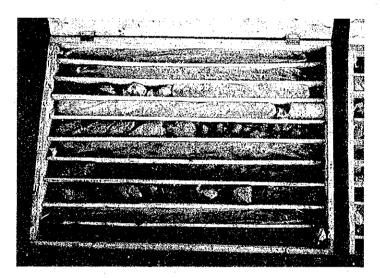


A-2-4 Core Photograph

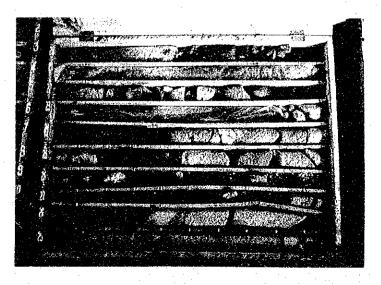
KU-1 Depth 0.0-10.0m



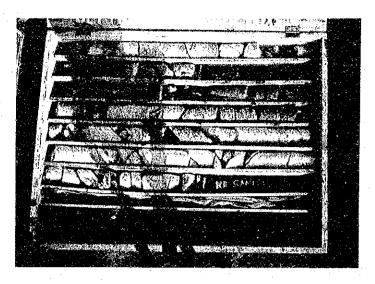
KU-1 Depth 10.0-20.0m



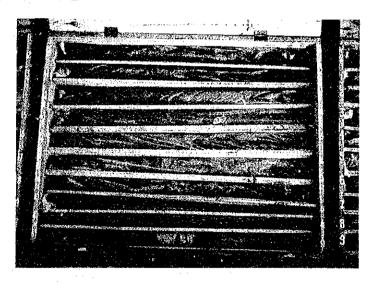
KU-1 Depth 20.0-30.0m



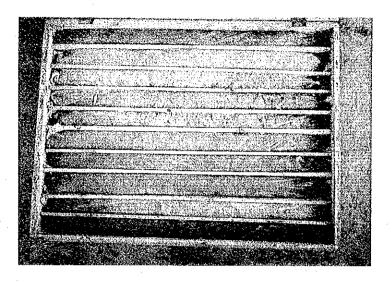
KU-1 Depth 30.0-40.0m



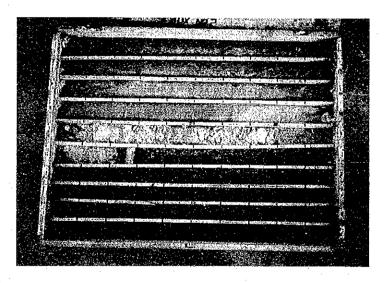
KU-1 Depth 40.0-50.0m



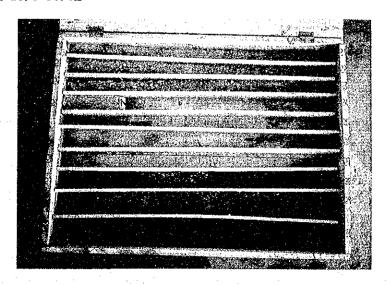
KU-2 Depth 0.0-10.0m



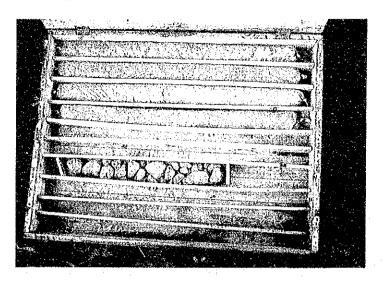
KU-2 Depth 10.0-20.0m



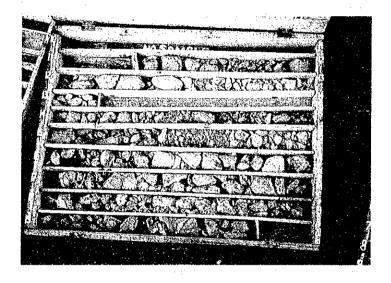
KU-2 Depth 20.0-30.0m



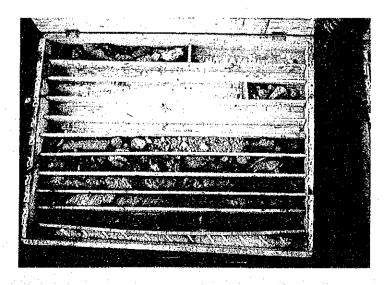
KU-3 Depth 0.0-10.0m



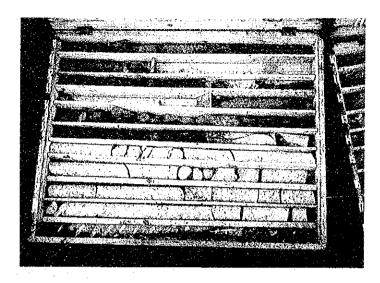
KU-3 Depth 10.0-20.0m



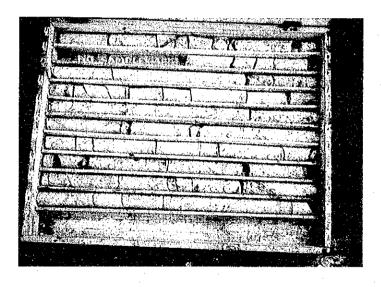
KU-3 Depth 20.0-30.0m



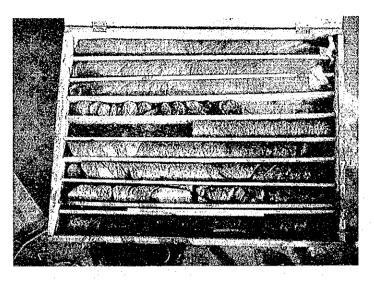
KU-3 Depth 30.0-40.0m



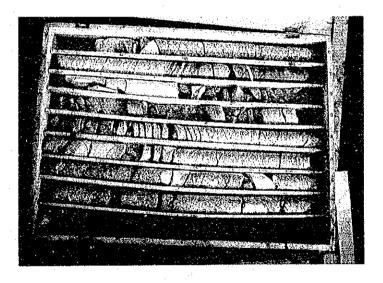
KU-3 Depth 40.0-50.0m



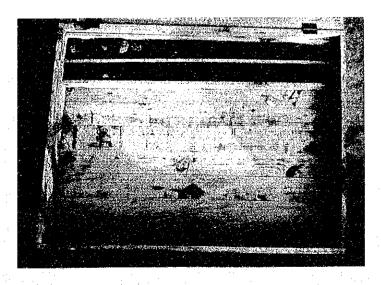
KL-1 Depth 0.0-9.0m



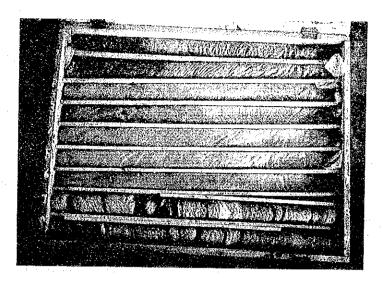
KL-1 Depth 9.0-18.0m



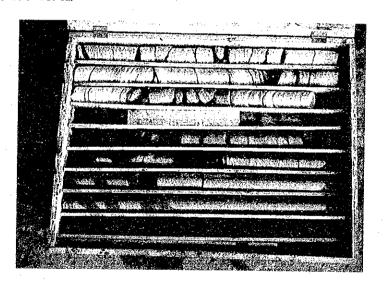
KL-1 Depth 18.0-20.0m



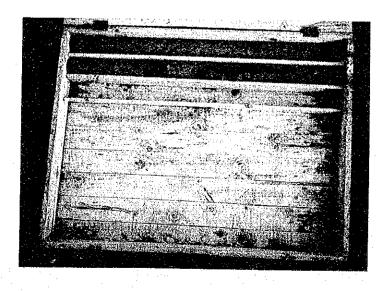
KL-2 Depth 0.0-9.0m



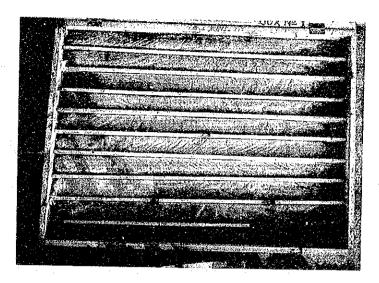
KL-2 Depth 9.0-18.0m



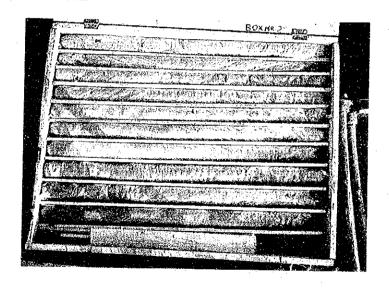
KL-2 Depth 18.0-20.0m



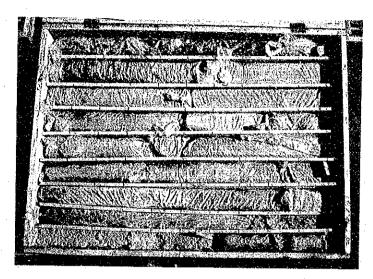
KL-3 Depth 0.0-10.0m



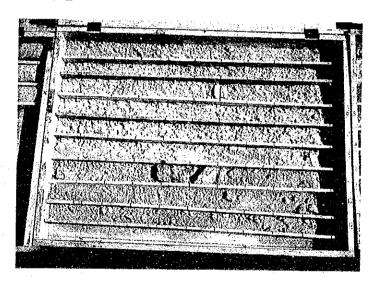
KL-3 Depth 10.0-20.0m



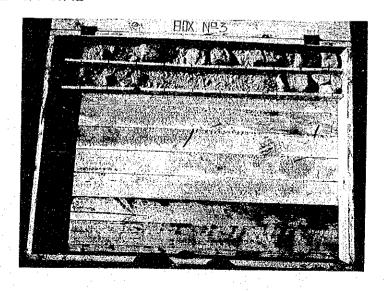
KL-4 Depth 0.0-9.0m



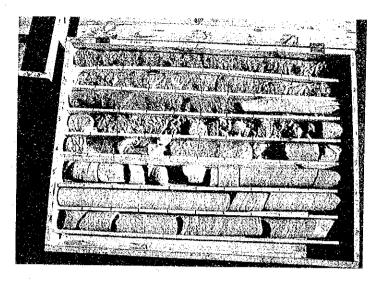
KL-4 Depth 9.0-18.0m



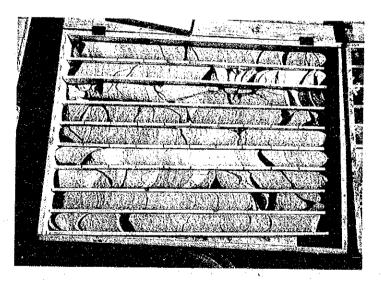
KL-4 Depth 18.0-20.0m



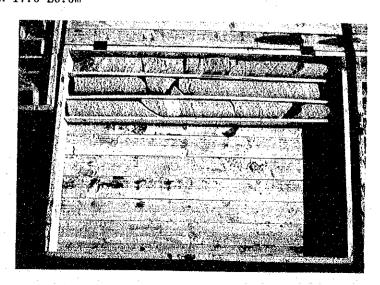
KL-5 Depth 0.0-8.0m



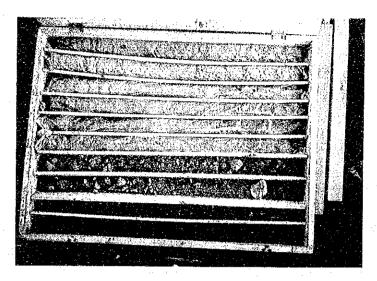
KL-5 Depth 8.0-17.0m



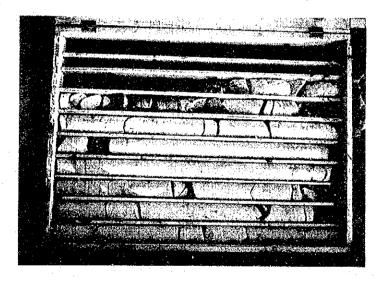
KL-5 Depth 17.0-20.0m



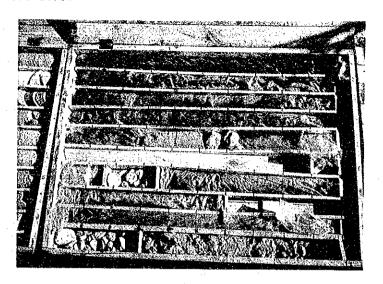
KM-1 Depth 0.0-10.0m



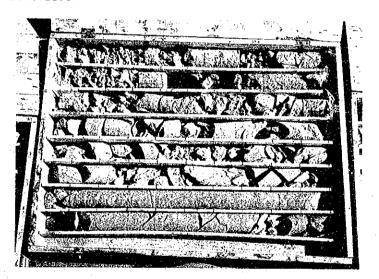
KM-1 Depth 10.0-20.0m



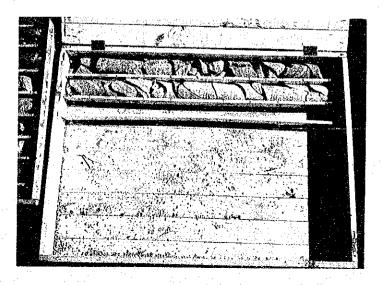
KM-2 Depth 0.0-10.0m



KM-2 Depth 10.0-18.0m



KM-2 Depth 18.0-20.0m



A-2-5 Microscopic Observation

Microscopic Observation

Project; Kihansi Hydor	poelectric Power Development Project.
Locality; Drillhole KU-	1,Depth 34.0m,Upper Damsite.
Sample No.; $K-1$	Slice No.: K-1

Biotite psammitic gneiss

Rock name ;

Texture Dynamothermal metamorphism. Gneissose fabric - Cataclastic fabric. Psammitic type, holocrystalline, equi-granular banded structure. Granoblastic - Lepidoblastic texture and Porphyroblastic texture.

	Na	me	Characteristcs				
Rock forming	Grano - Lepid	oblastic f	0.1 - 0.3 - 3.0 mm., in size. ction: consisting of chiefly quartz (elongated) - orthols - microcline - plagioclase (oligoclase, An مرابعه), and retained as the palimpsest the original grain-boundaries of psammitic facies. action: consisting of chiefly biotite (brown type), associating with epidote - sphene granules. portion: plagioclase with poikiloblastic inclusions.				
mineral				-			
Description	This the psa	rock was d	termined by the granoblastic - lepidoblastic texture and mpsests.				
tion							
	gree of teration						

Occurence;

Macroscopic observation;

This rock is the coarse grained, leucocratic, crystalline, and gneissic rock.

Project; Kihansi Hydoroelectric Power Development Project.

Locality; Drillhole Kh-1,Depth 18.4m,Lower Damsite.

Sample No.; K-2 Slice No.; K-2

Rock name ;

Lamprophyre --- Comptonite ---

Texture ;

Hypabyssal rocks, holocrystalline, granophyric structure.

rorphyritic texture.

Bostonitic texture in groundmass.

<u> </u>	Name	Characteristcs			
Rock forming	Tra Grandingo)				
Buj					
mineral					
É					
Description	This rock was deto lamprophyre - compto	ermined by the textures and the constituents, as the onite			
De	Serpnenting gree of Biotitisation teration Aluitisation Paragenesis	on products siotite			

Occurence;

Macroscopic observation;

This rock is the fine grained, melanocratic, holocrystalline, and homogeneous rocks.

Project;	Kihansi Hydoroelectric Power Development Project.					
Locality;	Drillhole KL-2,Depth 2	20.0m,Lower Damsite.				
Sample No	•;x -3	Slice No.: K-3				

Gneissic amphibolite Rock name ;

Texture ; Dynamothermal metamorphism. uneissose fabric, holocrystalline, equi-granular banded structure.

	Granoblastic - Nematoblastic texture, and rorphyroblastic texture.				
	Name	Characteristcs			
Rock forming	Nematoblastic te	0.1 - 1.0 - 1.5 mm., in size. ture: Guartz - rlagioclase (oligoclase - andesine, An j xture: Hornblende(green variety, very aboundantly) with a few biotite - garnet - haematite. texture: Hornblende (green t, pe, sieved by poikiloblastic texture).			
gal					
mineral					
al					
Description	This rock was de amphibolite,derived	termined by the textures and the constituents, as the from the basic igneous rocks.			
ption					
	gree of teration				

Occurence;

Macroscopic observation;

This rock is the medium grained, melanocratic, and gneissose banded rocks.

Project;	<u>Kihansi Hydoroelectr</u>	ic Power Development Project.	
Locality;	Right bank of Lower	Damsite.	
Sample No	K - 4	Slice No.: K-4	ديث المستخريد بنو

Rock name ; Biotite psammitic gneiss

Texture; Dynamothermal metamorp.hism. Gneissose fabric - Granulose fabric. Psammitic type,holocrystalline,equi-granular banded structure. Granoblastic - lepidoblastic texture.

		reprodutastic texture.
	Name	Characteristcs
Rock form	Constituents : Granoblastic -Gran Lepidoblastic text	0.2 - 2.0 mm., in size. lose texture.: Quartz - plagioclase - microcline (very aboundant), associating with the mozaic interlocked sub-equigranular grain -boundaries of psammitic palimpsest are: Biotite (brown type) with a few epidote and garnet granules.
forming mineral		
ral		
Description		ermined by the textures and constituents of psammitic totite psammitic gneiss.
otion		
	gree of teration	

Occurence;

Macroscopic observation;

This rock is the medium to coarse grained, leucocratic, banded and granulose rocks.

A-2-6 Microscopic Photograph

MICROSCOPIC PHOTOGRAPH

PHOTOGRAPH

MICROSCOPIC

Project Name: _____Sample No. : ____

Project Name: Sample No. : L-2



O 1 X 4 X N O S O 5 A X 1 O

Fil Mc

OPEN 4×10

Q2.; Quartz Am.; Ambribole C1.; Claymineral F1.; Feldsbar Mc.; Mtca Ir.; [robmineral Gn.; Garbet

CROSS 4X10

Am FI

OPEN 4×10

ы Х Q2.: Quartz Am.: Ambhibole Cl.: Claymineral Fl.: Feldspar Mc.: Mica Gn.: Garnet Ir.: Frommineral

2 - 77

A-2-7 X-ray Analysis Data

	w W		7	7-7	1
	α-Quartz Plagioclase Oithoclase Chlorite Muscovite Biotite Magnetite Kaolinite Chamosite	. *	_1		
				1	200
· .*	1018(OH)2		*		
	(Si, Al), (OH), (OH), (OH),	_		*	99
	Si0 ₂ (Mg, Fe) ₆ (Si, Al) ₄ 0 ₁ ₈ (GH) ₂ KAl ₂ Si ₂ 0 ₅ (GH) ₂ K(Fe, Mg) ₃ AlSi ₃ 0, ₈ (GU) ₂ Fe ₃ 0 ₄ Al ₂ Si ₂ 0 ₅ (OH) ₄ (Fe, Al, Mg) ₆ (Si, Al) ₄ 0 _{1,8} (GH) ₈ CaCO ₃		_ ,		4
	1. 50490 S 2. – – 3. – 4.160351 (3. 5. 70032 K 6. 20045 K 7.190629 F 8.130375 A 9.130029 (F	9	7		\
	1. 5 2. 3. 4.16 5. 7 6. 2 7.19 8.13 9.13	م		\	46
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			\$2 \$2 \$2 \$2		6
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52		, .	45 4 M 2		78 8 2 2 8
DATE: 89. P. Cu. Cu. 55m.A.			}		805
(7 14) 4			2		6
KIHANSHI R(MONDCHRO) ENT: 45KV RS: 15 SS	DEG/W 2. 82 C 8 SEC 4.				
不乐识员	្រ ប៊ុះ ៊ី ←				

CPS

