

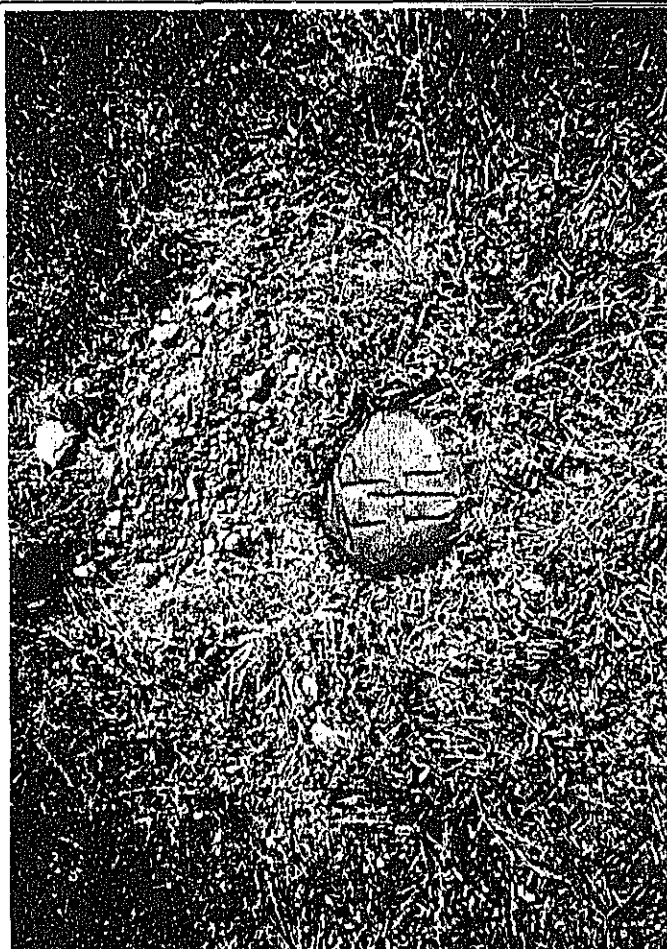
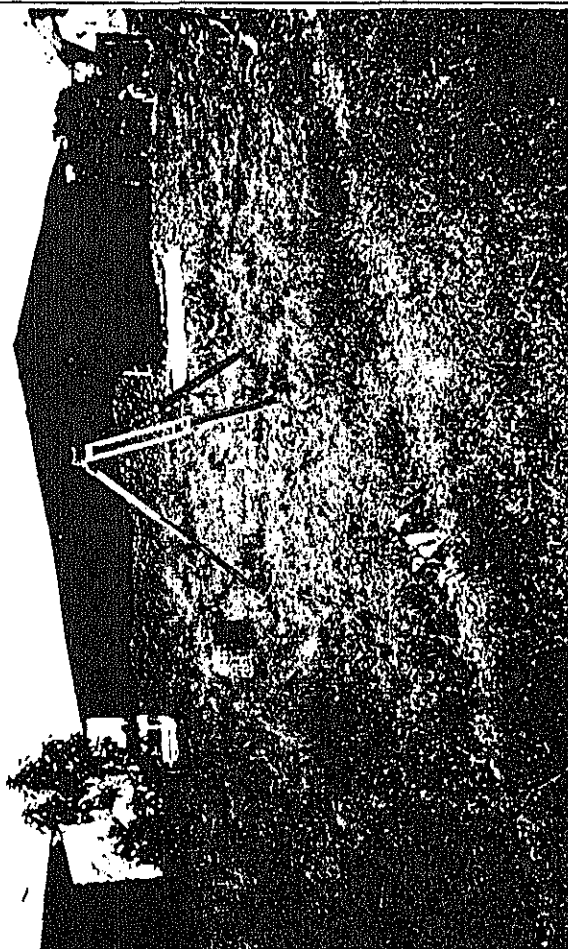
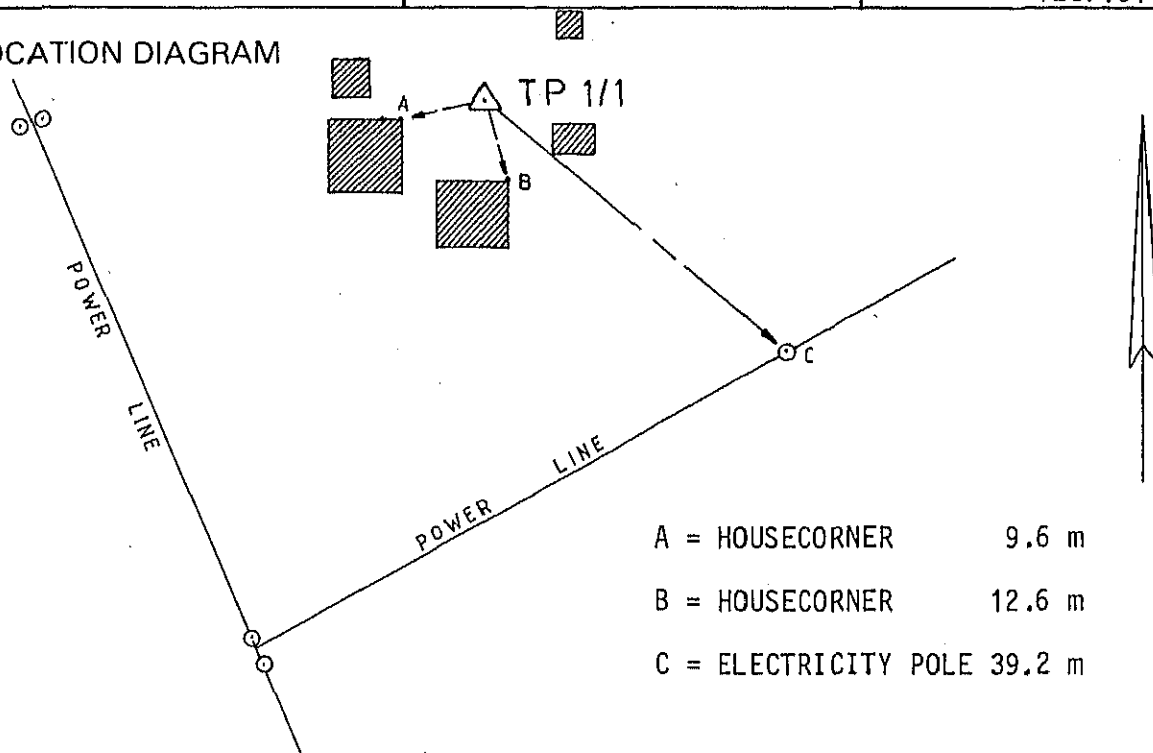
SURVEY MARK DESCRIPTION

RAMBULA DAMSITE 4.1

COUNTRY: KENYA JOB No. J 1061 POINT No. T.P. 1/1

TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 4-10-1990	SURVEYOR: MATTSSON
NORTHING: 21828.89	EASTING: 641852.13	HEIGHT: 1207.61

LOCATION DIAGRAM



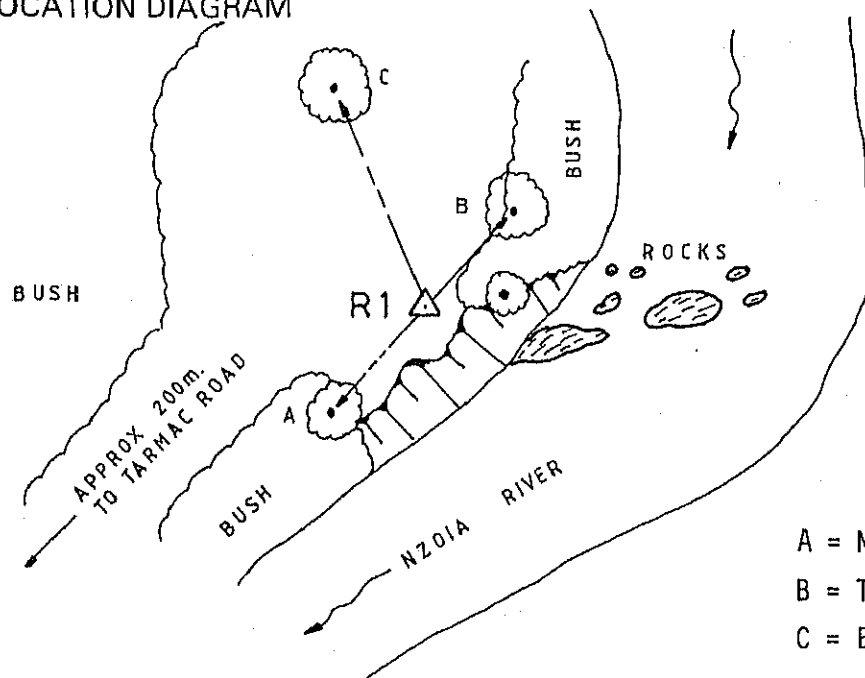
SURVEY MARK DESCRIPTION

RAMBULA DAMSITE 4.1

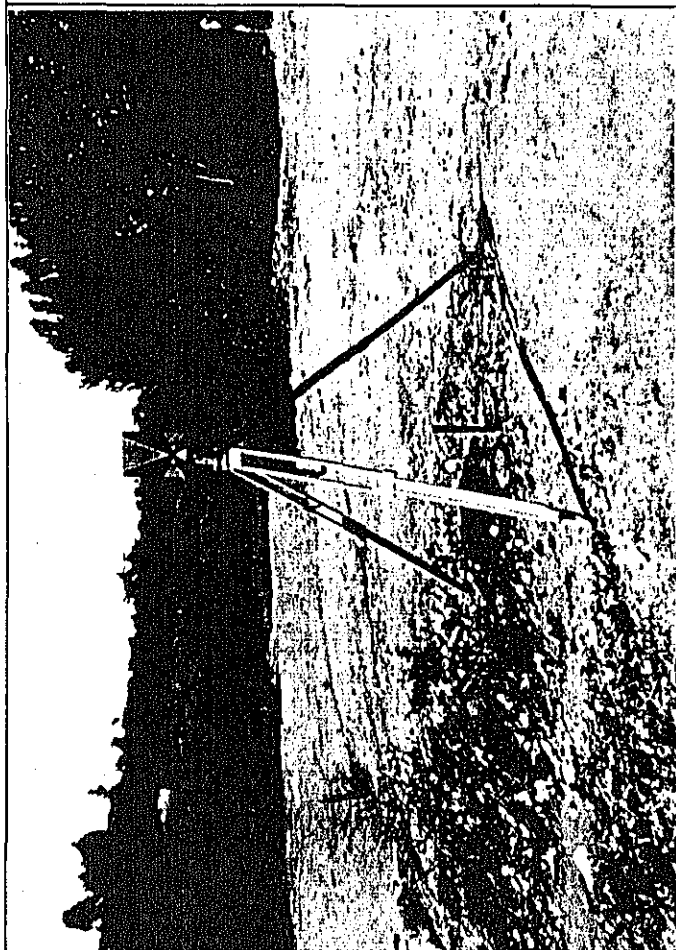
COUNTRY: KENYA JOB No. J 1061 POINT No. R 1

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 4-10-1990	SURVEYOR: MATTSSON
NORTHING: 22226.36	EASTING: 641994.40	HEIGHT: 1194.37

LOCATION DIAGRAM



A = MANGO TREE 15.3 m
B = TREE 14.6 m
C = BIG TREE 38.3 m



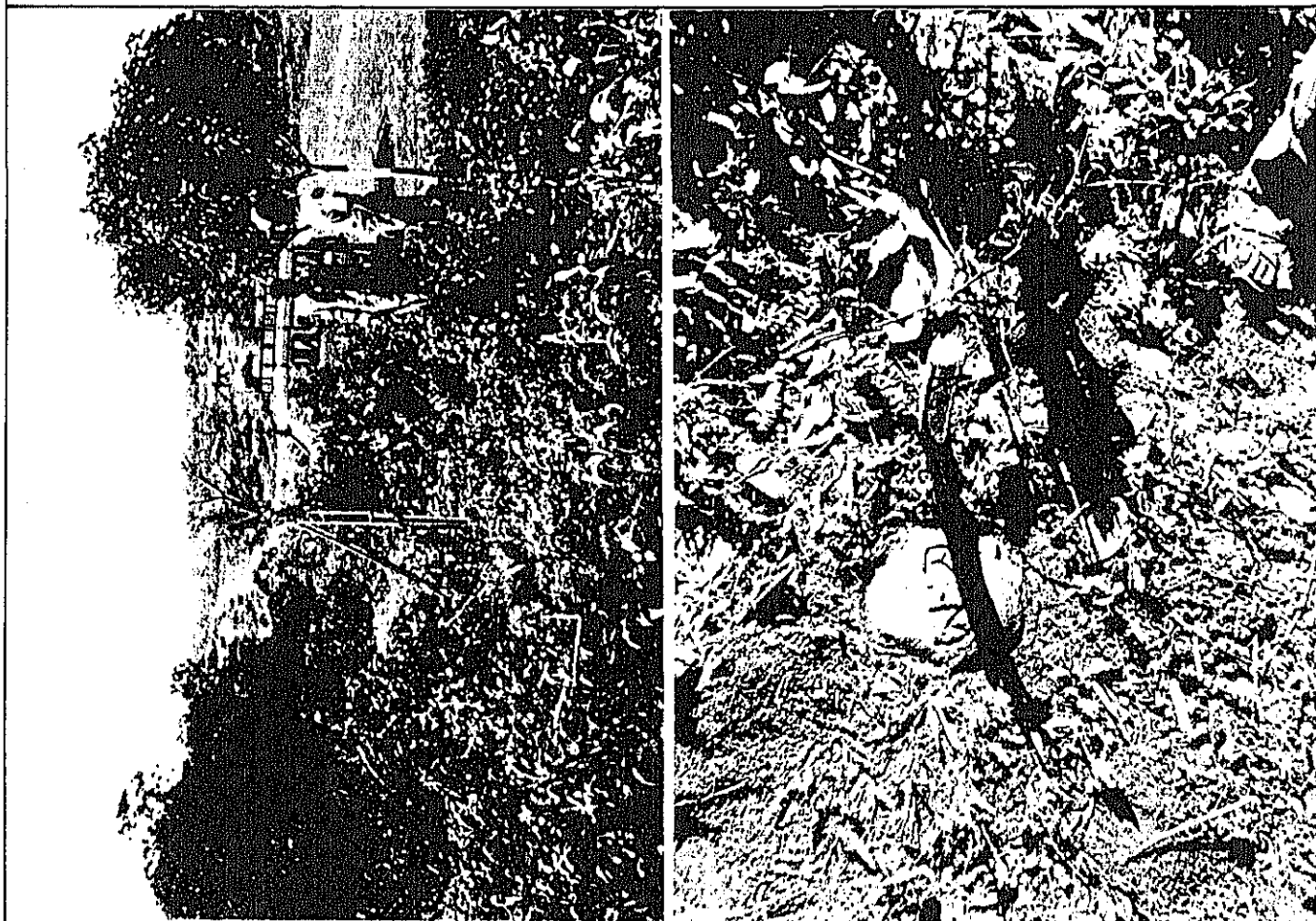
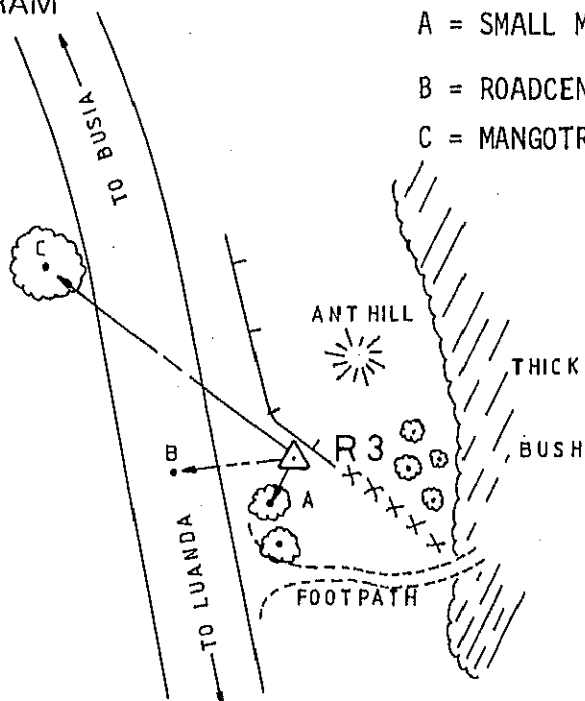
SURVEY MARK DESCRIPTION

RAMBULA DAMSITE 4.1

COUNTRY: KENYA JOB No. J 1061 POINT No. R 3

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 4-10-1990	SURVEYOR: MATTSSON
NORTHING: 22347.52	EASTING: 641725.17	HEIGHT: 1210.82

LOCATION DIAGRAM



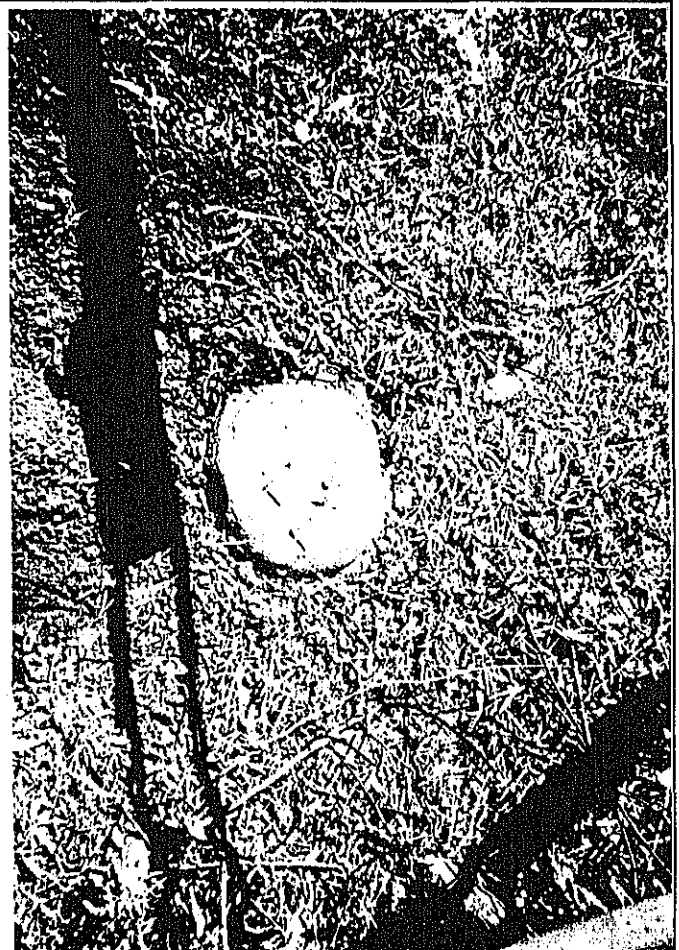
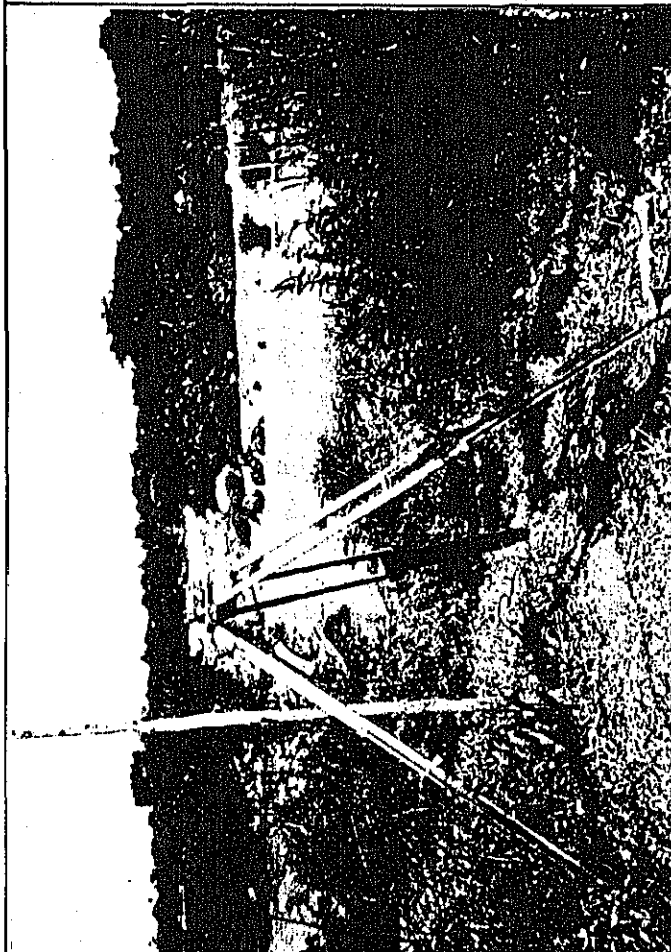
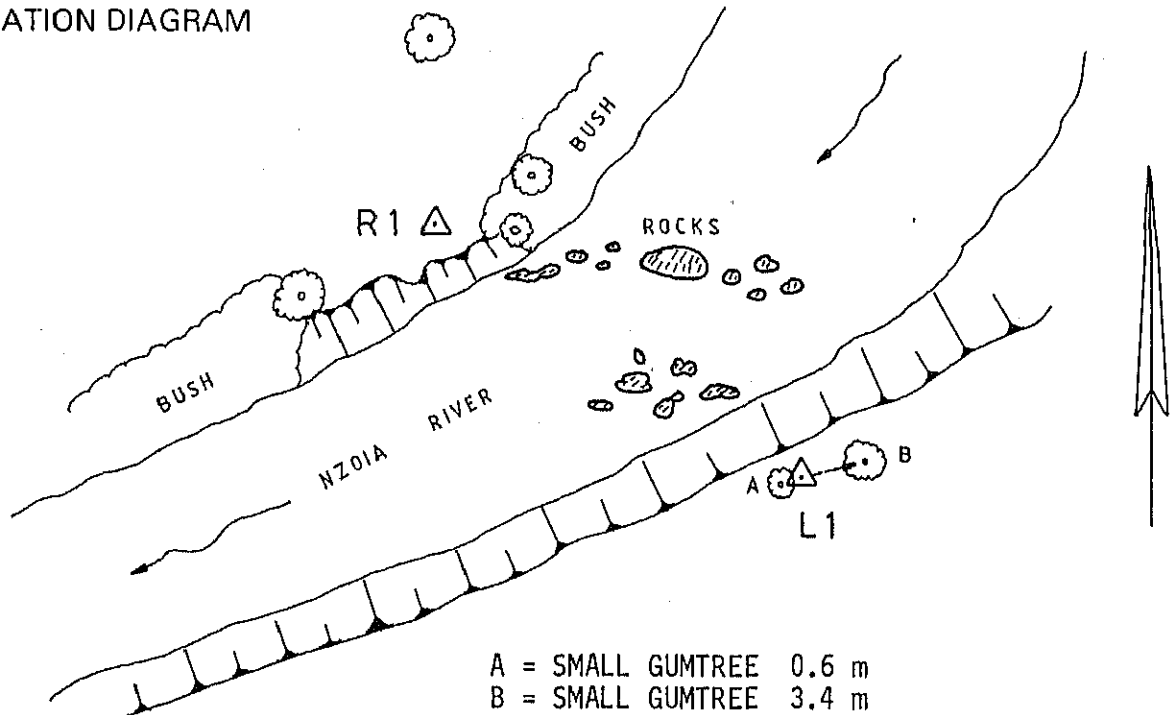
SURVEY MARK DESCRIPTION

RAMBULA DAMSITE 4.1

COUNTRY: KENYA JOB No. J 1061 POINT No. L 1

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 4-10-1990	SURVEYOR: MATTSSON
NORTHING: 22180.60	EASTING: 642096.10	HEIGHT: 1193.27

LOCATION DIAGRAM



GONGO DAMSITE

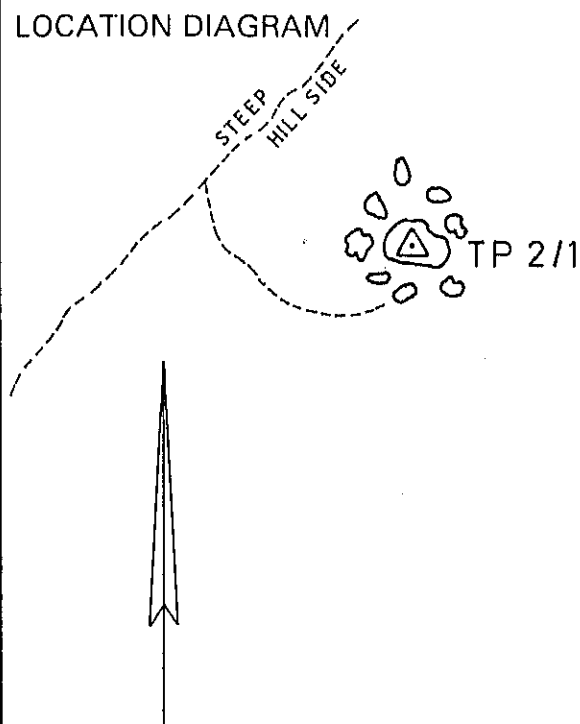
SURVEY MARK DESCRIPTION

GONGO DAMSITE 4.2

COUNTRY: KENYA JOB No. J 1061 POINT No. TP 2/1

TYPE: TRAVERSE	DESCRIPTION: HOLE IN ROCK	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 27-9-1990	SURVEYOR: MATTSSON
NORTHING: 6060.16	EASTING: 666402.16	HEIGHT: 1354.15

LOCATION DIAGRAM



IMMEDIATELY AFTER CROSSING OLD BRIDGE OVER YALA RIVER TURN RIGHT AND FOLLOW FOOTPATH ALONG THE RIVER AND AFTER PASSING OVER A SMALL STREAM TURN LEFT ON FOOTPATH GOING STEEP UP THE HILL, APPROX. 100 M. BEFORE REACHING THE SUMMIT TURN LEFT AND WALK 20 M. TO WHERE THE POINT IS LOCATED ON A ROCK BOULDER.



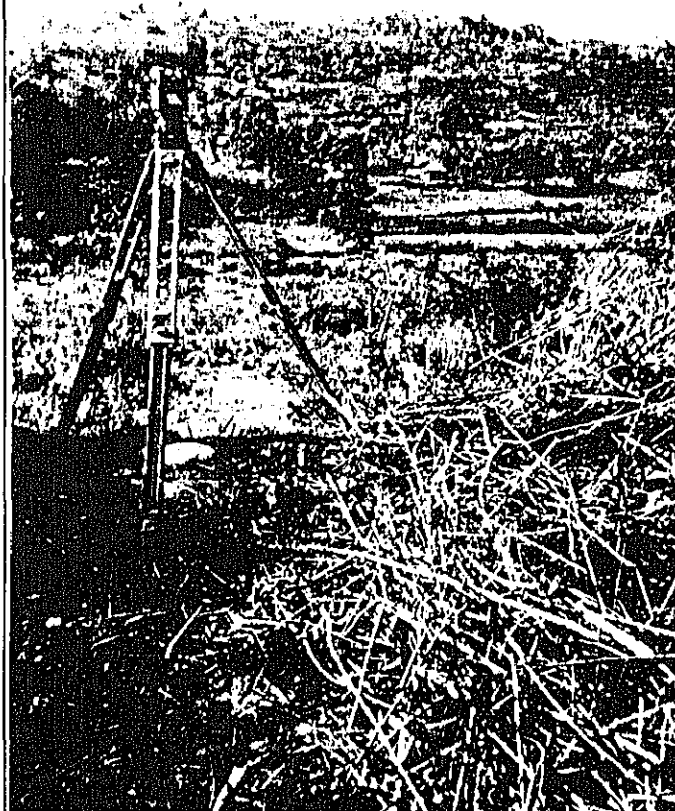
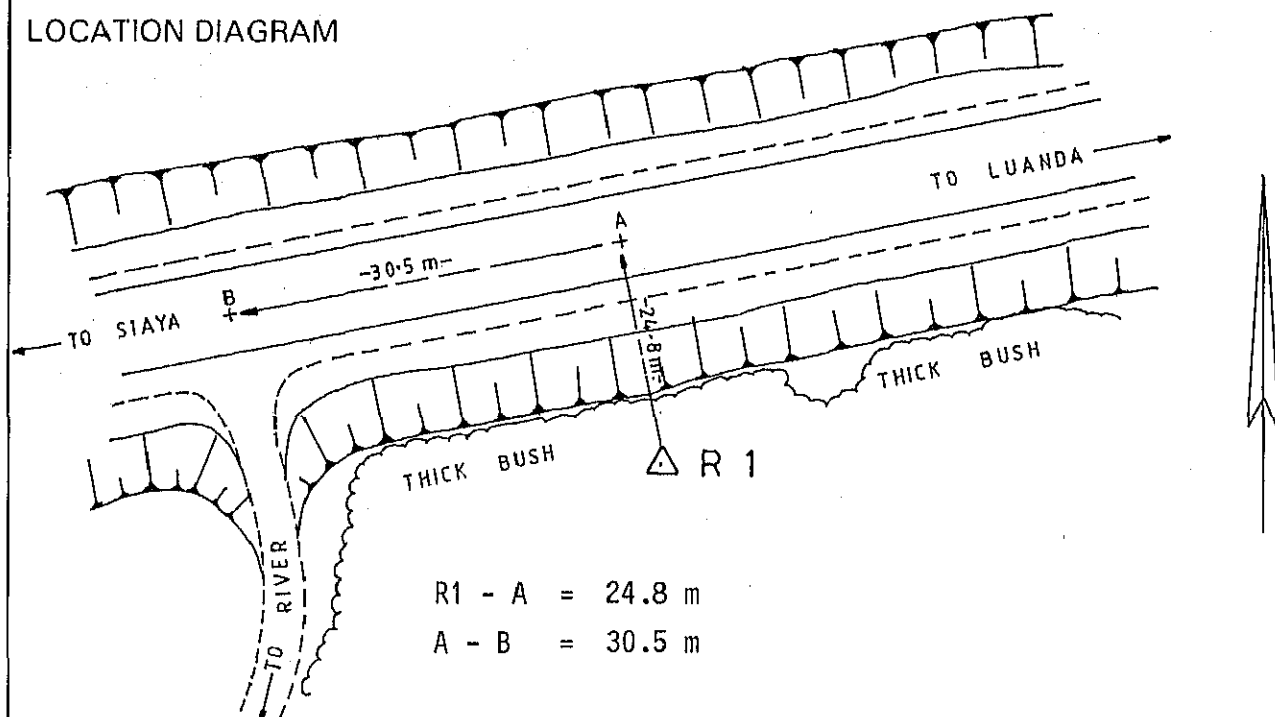
SURVEY MARK DESCRIPTION

GONGO DAMSITE 4.2

COUNTRY: KENYA JOB No. J 1061 POINT No. R 1

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 22-9-1990	SURVEYOR: MATTSSON
NORTHING: 6598.61	EASTING: 666789.42	HEIGHT: 1307.26

LOCATION DIAGRAM



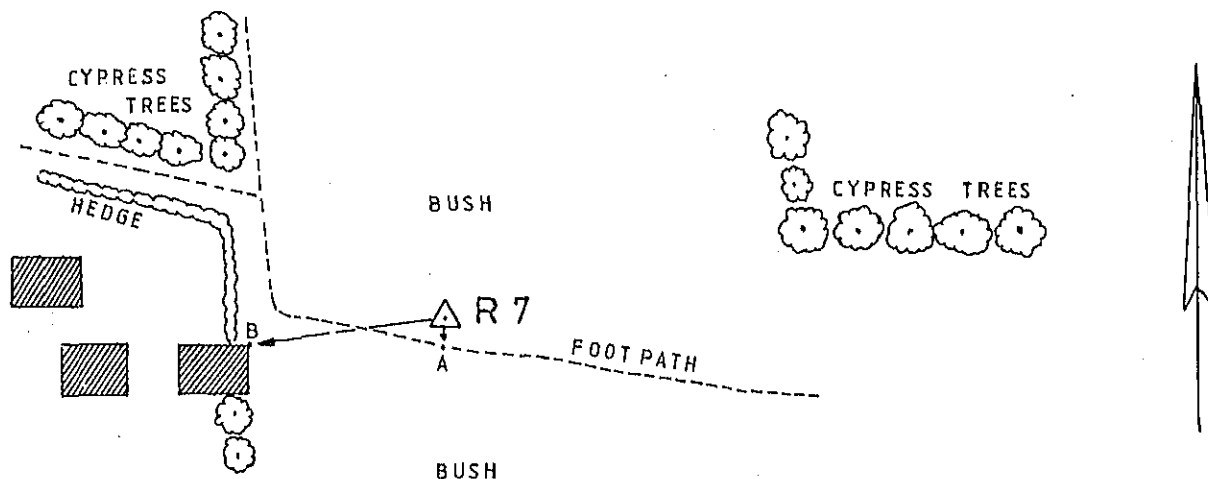
SURVEY MARK DESCRIPTION

GONGO DAMSITE 4.2

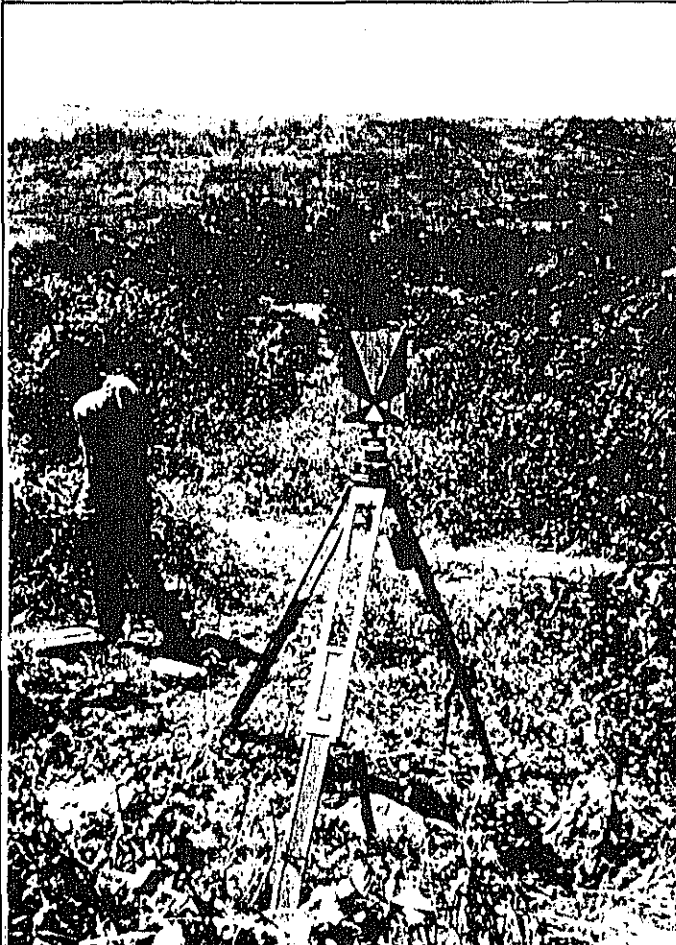
COUNTRY: KENYA JOB No. J1061 POINT No. R 7

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 27-9-1990	SURVEYOR: MATTSSON
NORTHING: 7163.96	EASTING: 666612.18	HEIGHT: 1371.06

LOCATION DIAGRAM



A = CENTRE FOOTPATH 4.7 m
B = HOUSECORNER 23.6 m



SURVEY MARK DESCRIPTION

GONGO DAMSITE 4.2

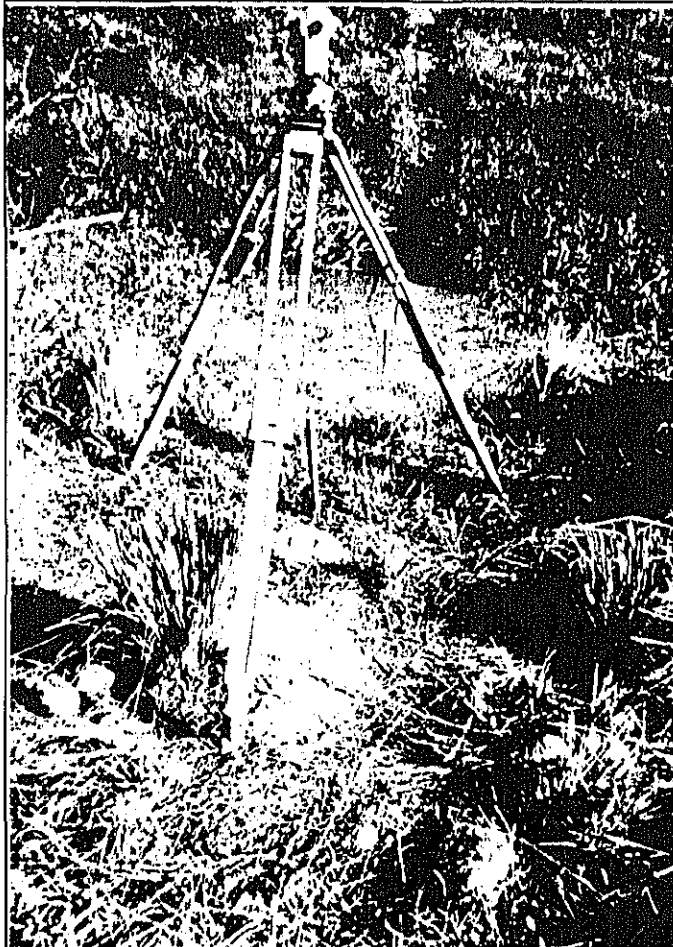
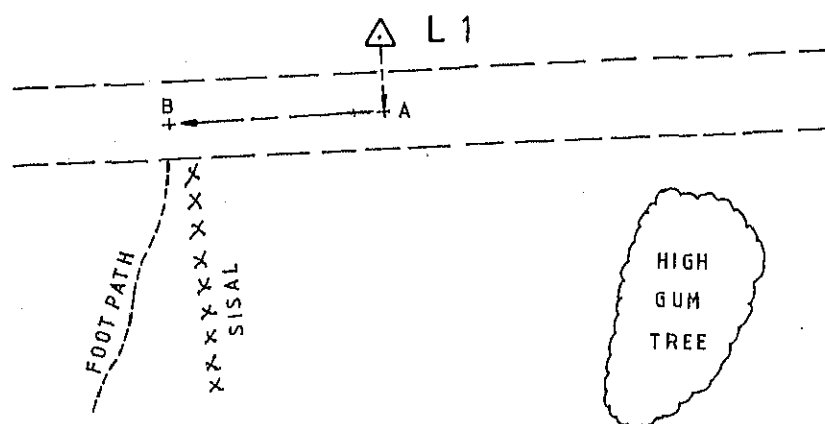
COUNTRY: KENYA JOB No. J 1061 POINT No. L 1

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 101/4	DATE: 27-9-1990	SURVEYOR: MATTSSON
NORTHING: 6463.40	EASTING: 666831.80	HEIGHT: 1297.84

LOCATION DIAGRAM

L1-A = 4.8 m

A-B = 24.1 m



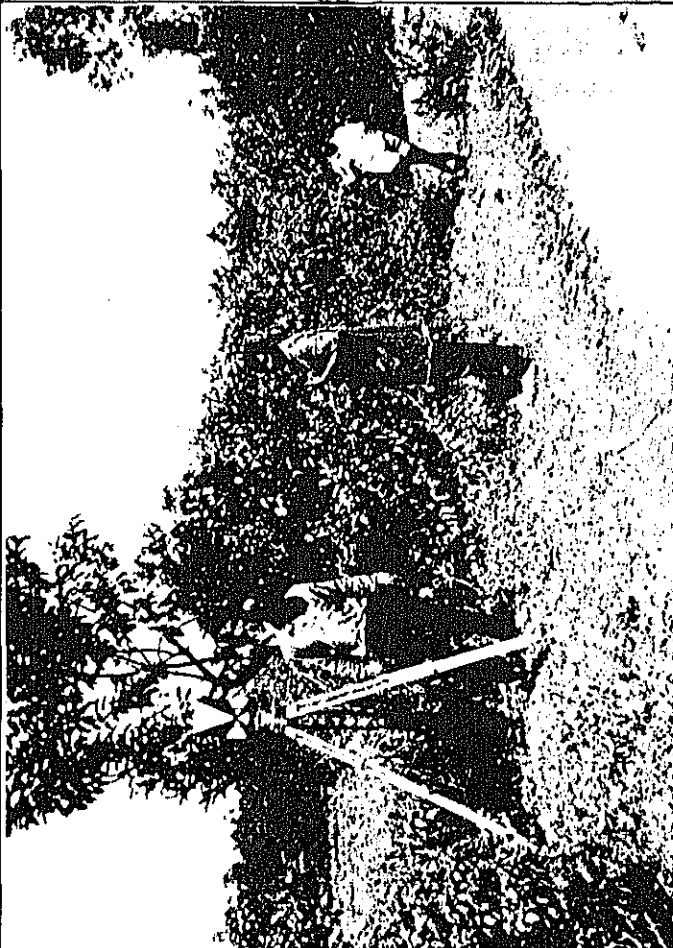
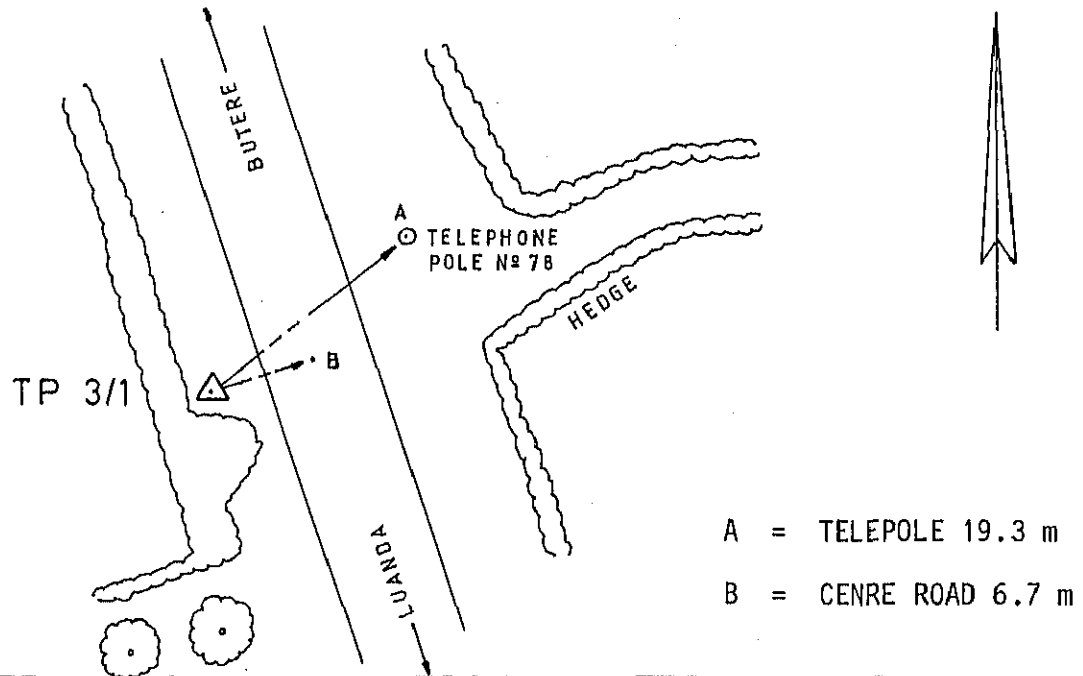
MUSHAGUMBO DAMSITE

SURVEY MARK DESCRIPTION MUSHA GUMBO DAMSITE 4,3

COUNTRY: KENYA JOB No. J 1061 POINT No. TP 3/1

TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 102/3	DATE: 14-9-1990	SURVEYOR: MATTSSON
NORTHING: 13341.89	EASTING: 675085.81	HEIGHT: 1443.90

LOCATION DIAGRAM



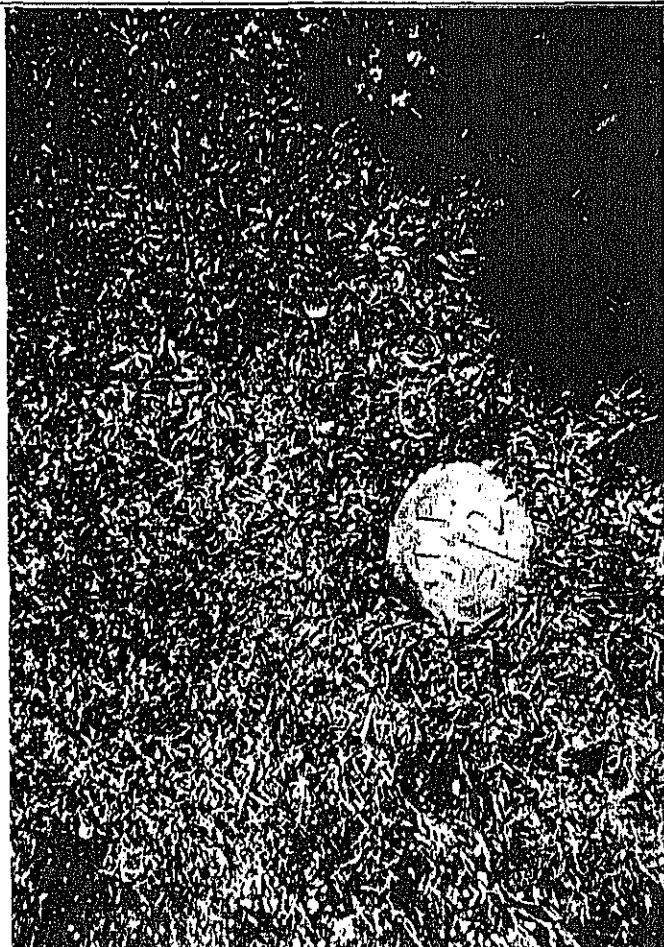
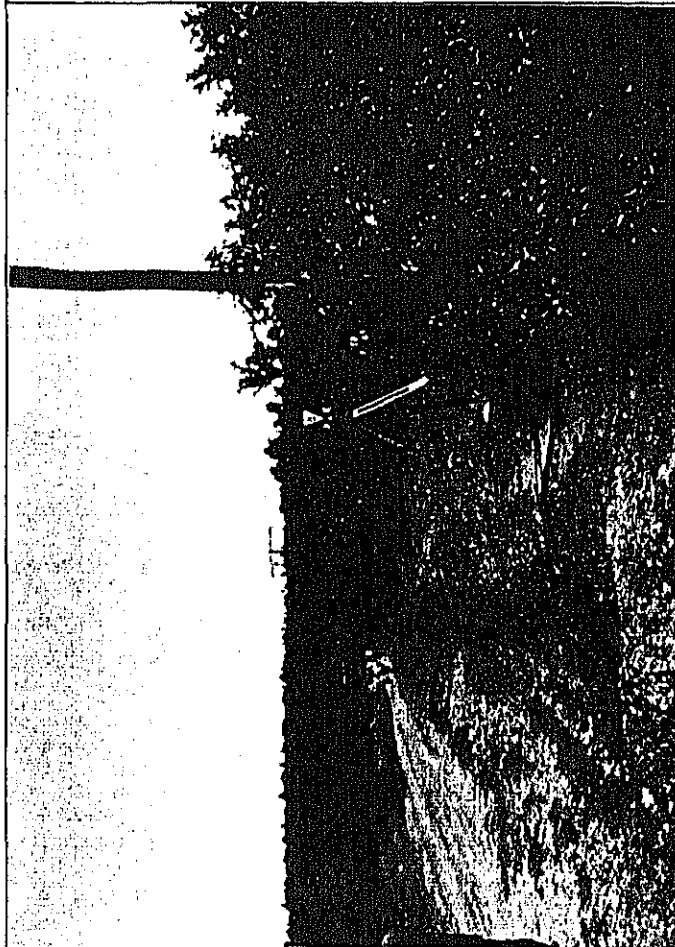
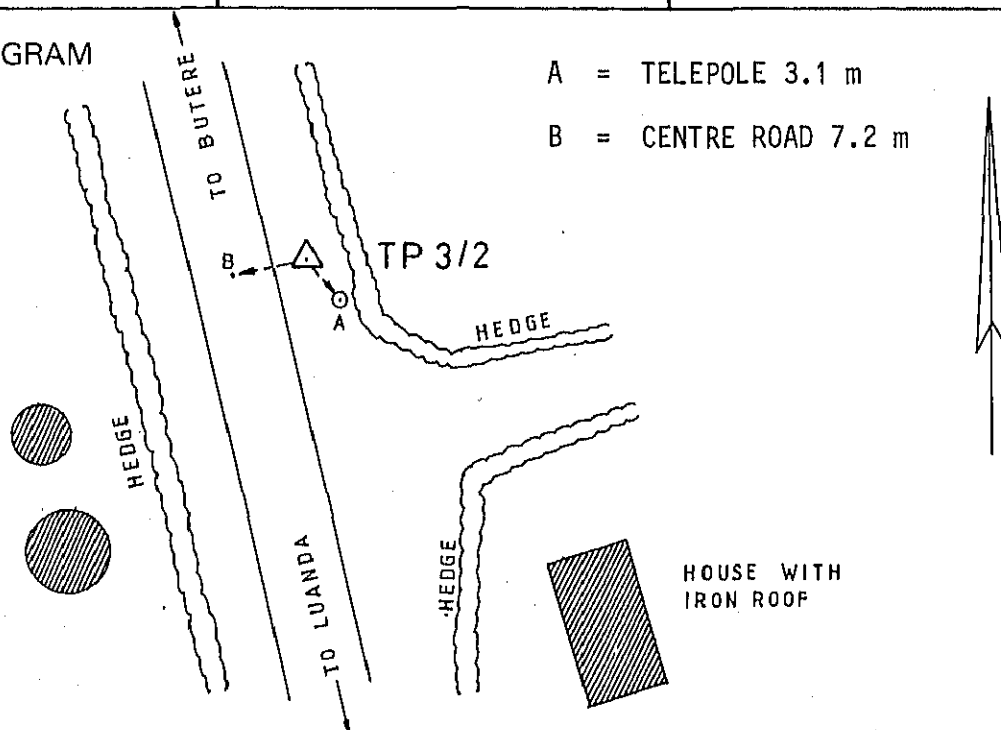
SURVEY MARK DESCRIPTION

MUSHAGUMBO DAMSITE 4.3

COUNTRY: KENYA JOB No. J 1061 POINT No. TP 3/2

TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 102/3	DATE: 14-9-1990	SURVEYOR: MATTSSON
NORTHING: 13679.13	EASTING: 674944.23	HEIGHT: 1437.02

LOCATION DIAGRAM



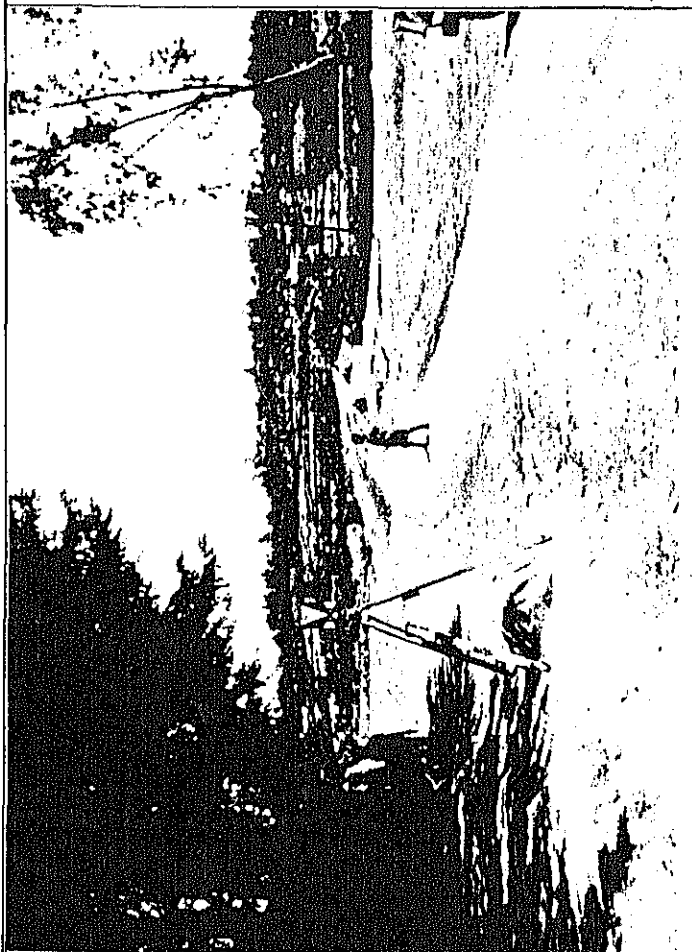
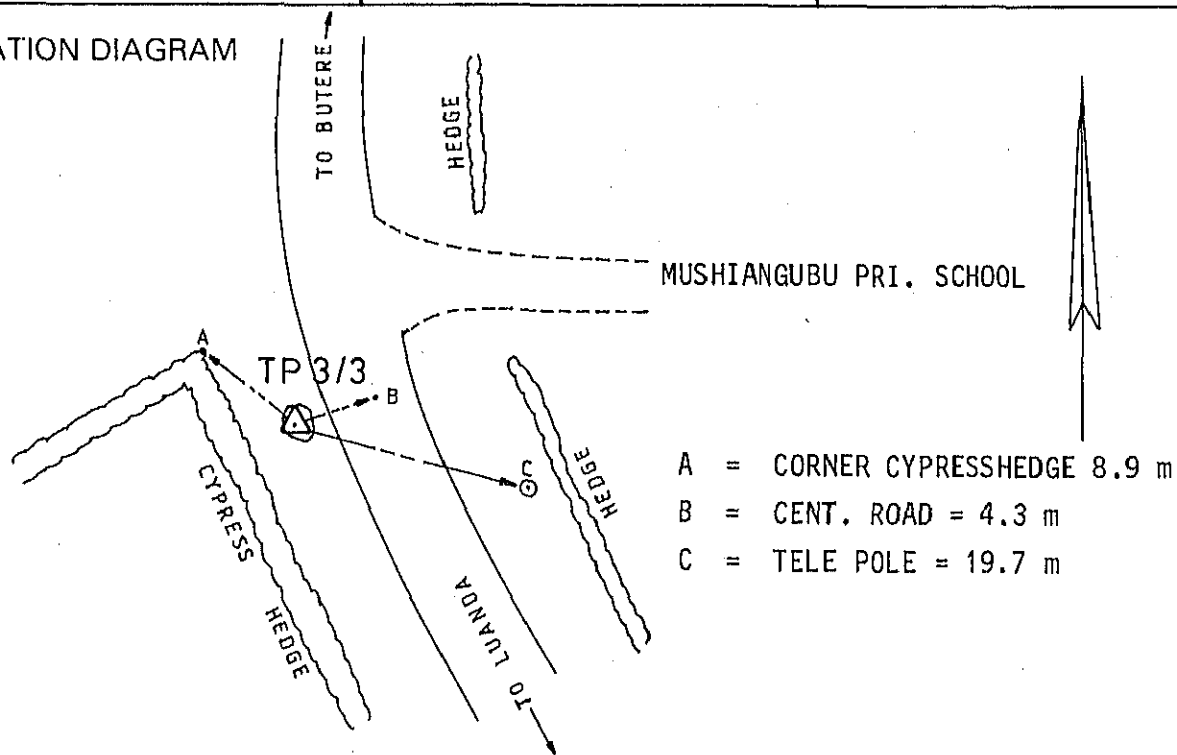
SURVEY MARK DESCRIPTION

MUSHAGUMBO DAMSITE 4.3

COUNTRY: KENYA JOB No. J 1061 POINT No. T P 3/3

TYPE: TRAVERSE	DESCRIPTION: HOLE IN ROCK	PHOTO NO.
MAP SHEET No. 1:50,000 102/3	DATE: 14-9-1990	SURVEYOR: MATTSSON
NORTHING: 14108.07	EASTING: 674670.64	HEIGHT: 1406.30

LOCATION DIAGRAM



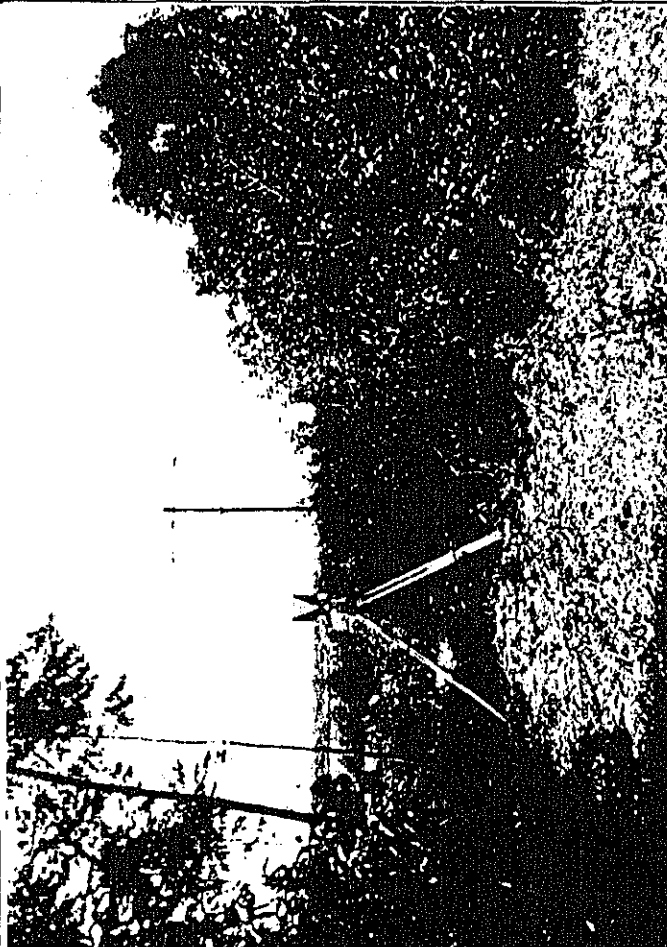
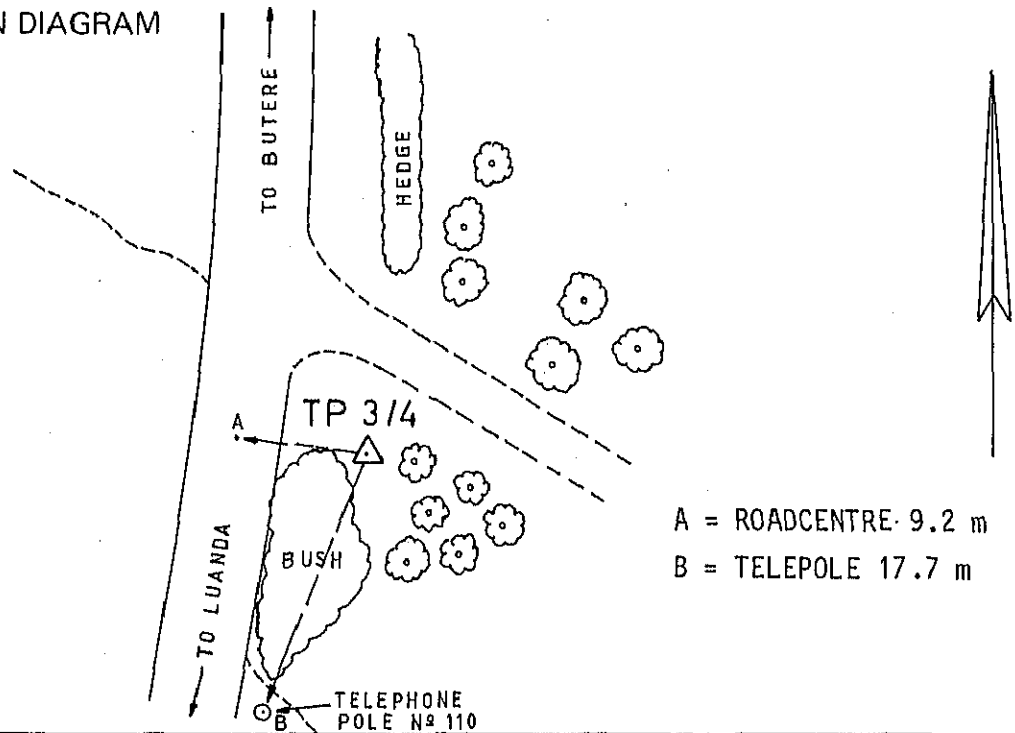
SURVEY MARK DESCRIPTION

MUSHAGUMBO DAMSITE 4.3

COUNTRY: KENYA JOB No. J 1061 POINT No. TP 3/4

TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 102/3	DATE: 14-9-1990	SURVEYOR: MATTSSON
NORTHING: 14839.40	EASTING: 674782.41	HEIGHT: 1431.32

LOCATION DIAGRAM



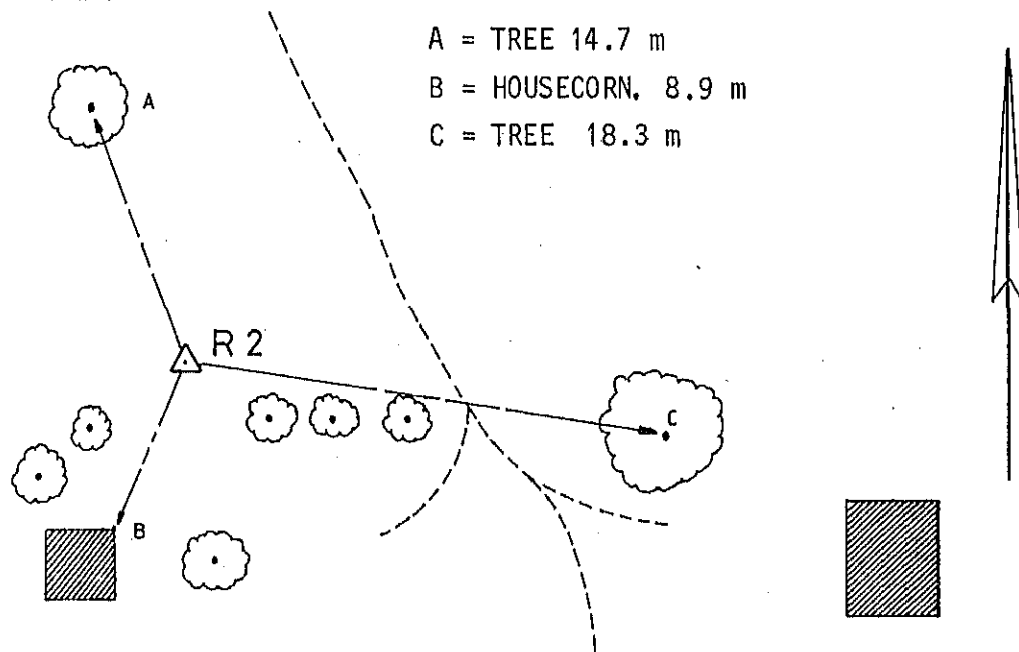
SURVEY MARK DESCRIPTION

MUSHAGUMBO DAMSITE 4.3

COUNTRY: KENYA JOB No. J 1061 POINT No. R 2

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 102/3	DATE: 19-9-1990	SURVEYOR: MATTSSON
NORTHING: 14631.79	EASTING: 674903.85	HEIGHT: 1414.88

LOCATION DIAGRAM



SURVEY MARK DESCRIPTION

MUSHAGUMBO DAMSITE 4.3

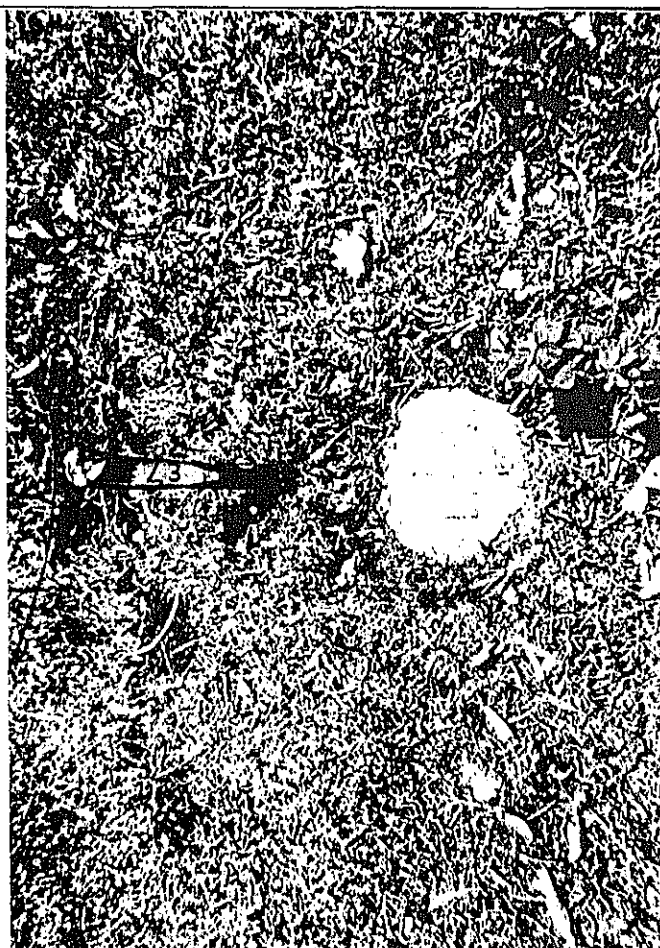
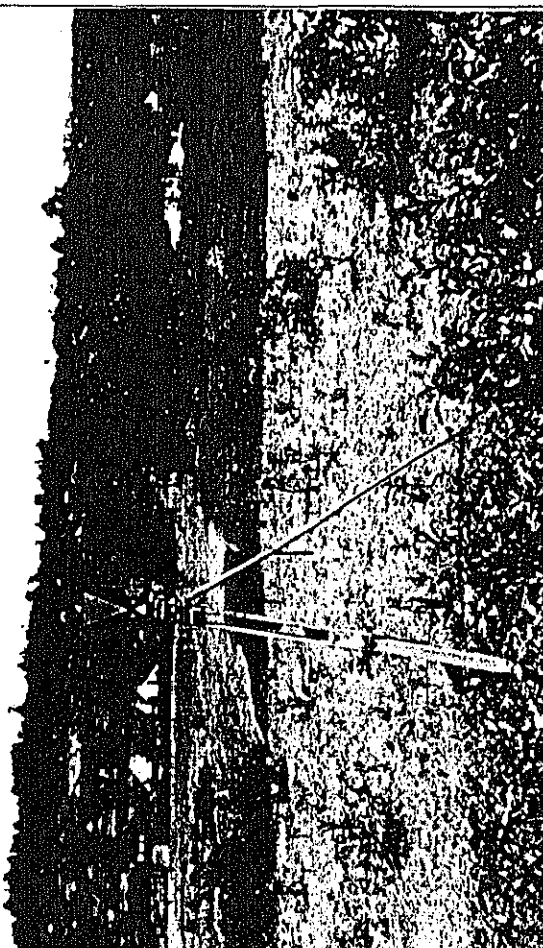
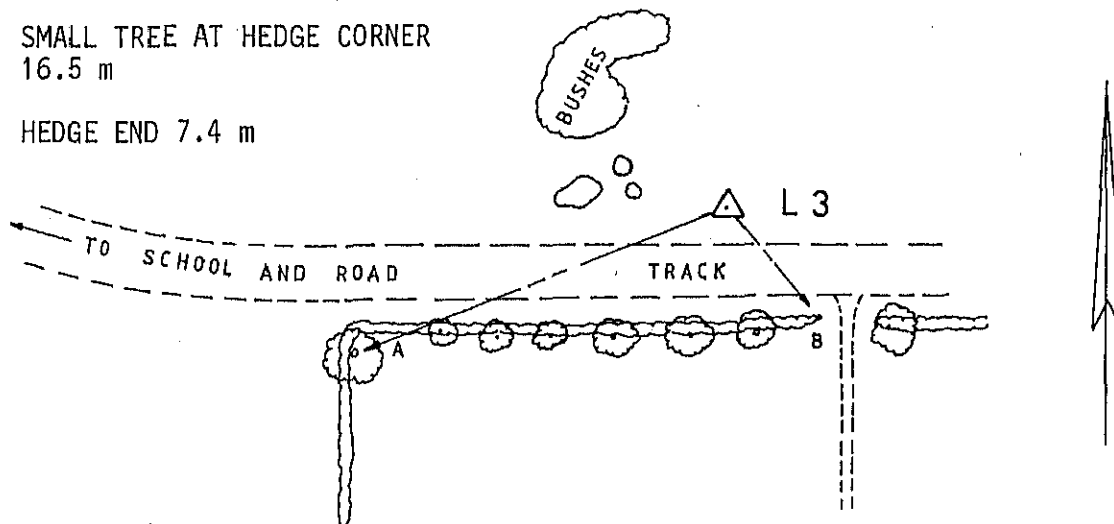
COUNTRY: KENYA JOB No. J 1061 POINT No. L 3

TYPE: PROFILE POINT	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. 1:50,000 102/3	DATE: 19.9.1990	SURVEYOR: MATTSSON
NORTHING: 14083.99	EASTING: 675008.79	HEIGHT: 1416.76

LOCATION DIAGRAM

A = SMALL TREE AT HEDGE CORNER
16.5 m

B = HEDGE END 7.4 m



NAMBA KODERO DAMSITE

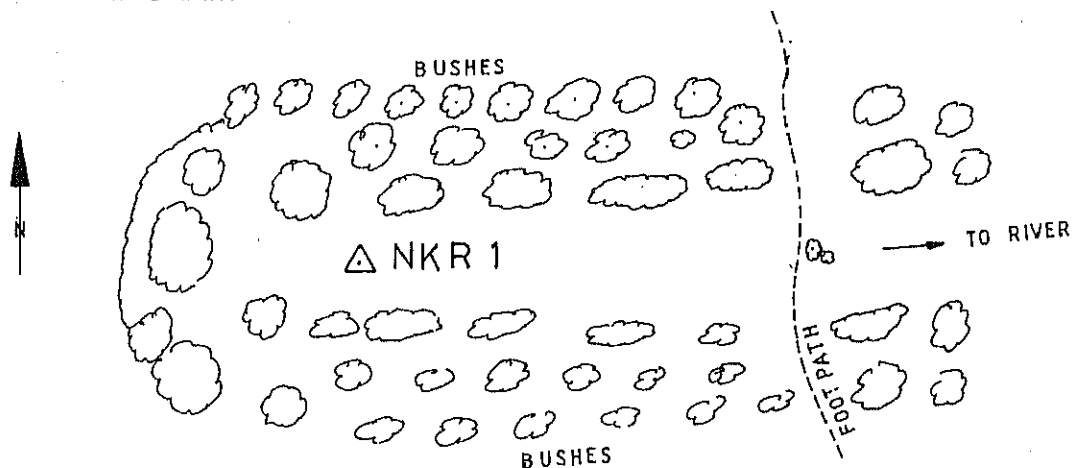
SURVEY MARK DESCRIPTION

NAMBA KODERO DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. NKR 1

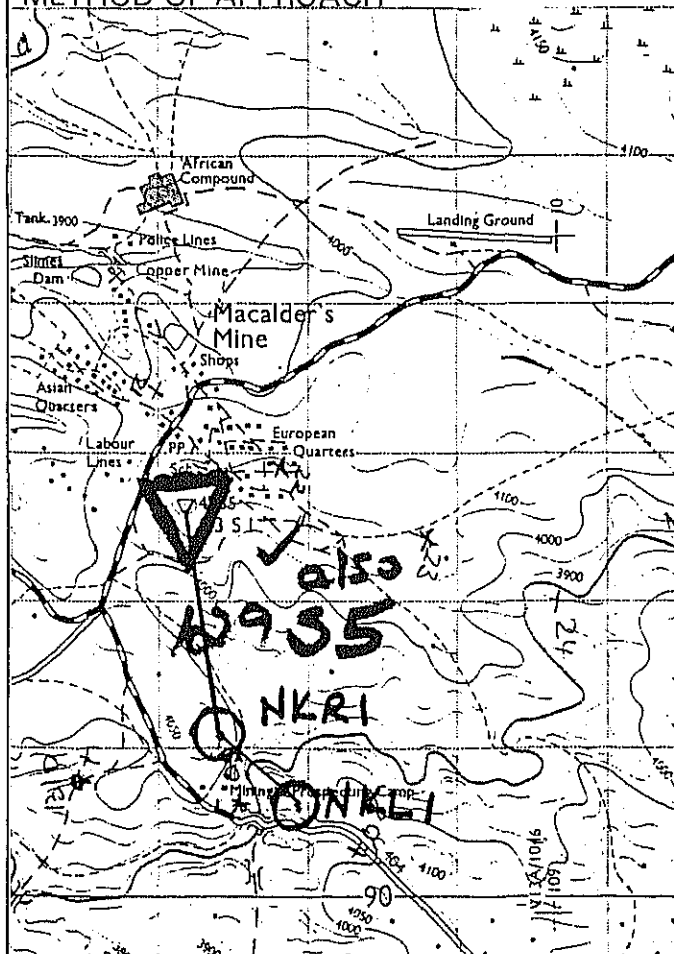
TYPE: TRAVERSE	DESCRIPTION: IPC	PHOTO NO.
MAP SHEET No.	DATE: OCT. 1990	SURVEYOR: J. KARIOKI
NORTHING: 9 891 055.03	EASTING: 643 396.72	HEIGHT: 1224.95

LOCATION DIAGRAM



NKR1 IS AN IRON PIN IN
CONCRETE AT END OF PROFILE
LINE OF PROPOSED NAMBA-KODERO
DAM

METHOD OF APPROACH



SURVEY MARK DESCRIPTION

NAMBA KODERO DAMSITE

COUNTRY: KENYA

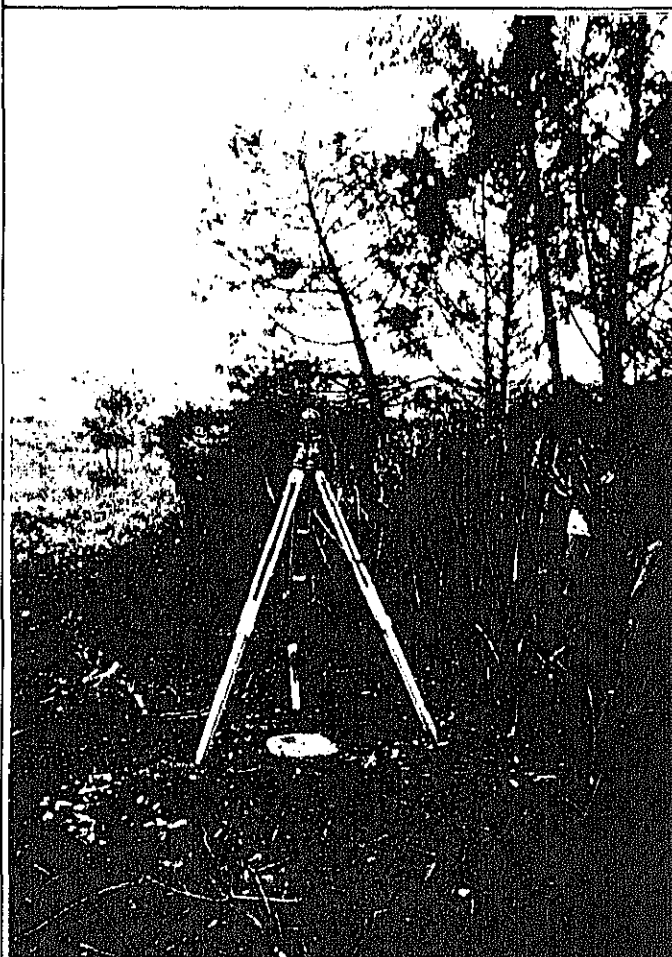
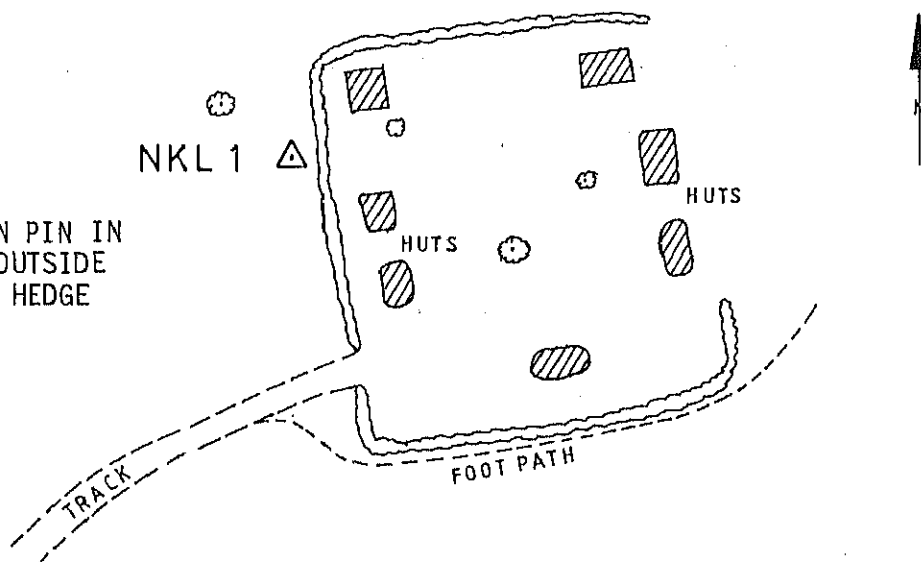
JOB No. J1061

POINT No. NKL1

TYPE: TRAVERSE	DESCRIPTION: IPC	PHOTO NO.
MAP SHEET No.	DATE: OCT. 1990	SURVEYOR: J. KARIOKI
NORTHING: 9 890 620.31	EASTING: 643 969.37	HEIGHT: 1195.12

LOCATION DIAGRAM

NKL1 IS AN IRON PIN IN
CONCRETE JUST OUTSIDE
HOMESTEAD NEAR HEDGE



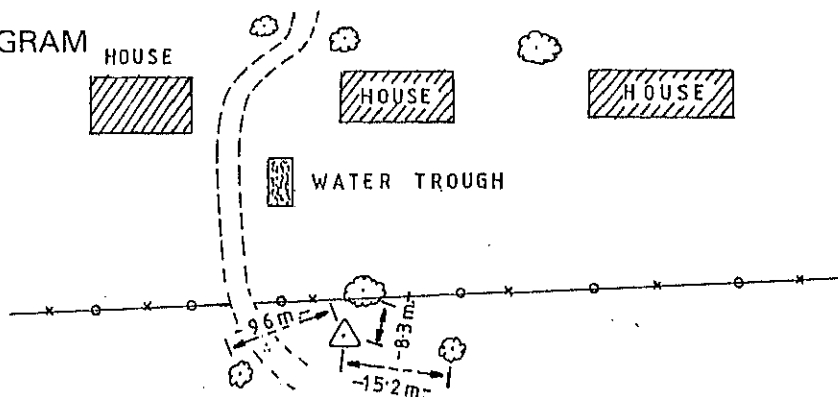
SURVEY MARK DESCRIPTION

NAMBA KODERO DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. NK 2

TYPE: TRAVERSE	DESCRIPTION: IPC	PHOTO NO.
MAP SHEET No.	DATE: OCT. 1990	SURVEYOR: J. KARIOKI
NORTHING: 9 892 645.39	EASTING: 643 606.34	HEIGHT: -

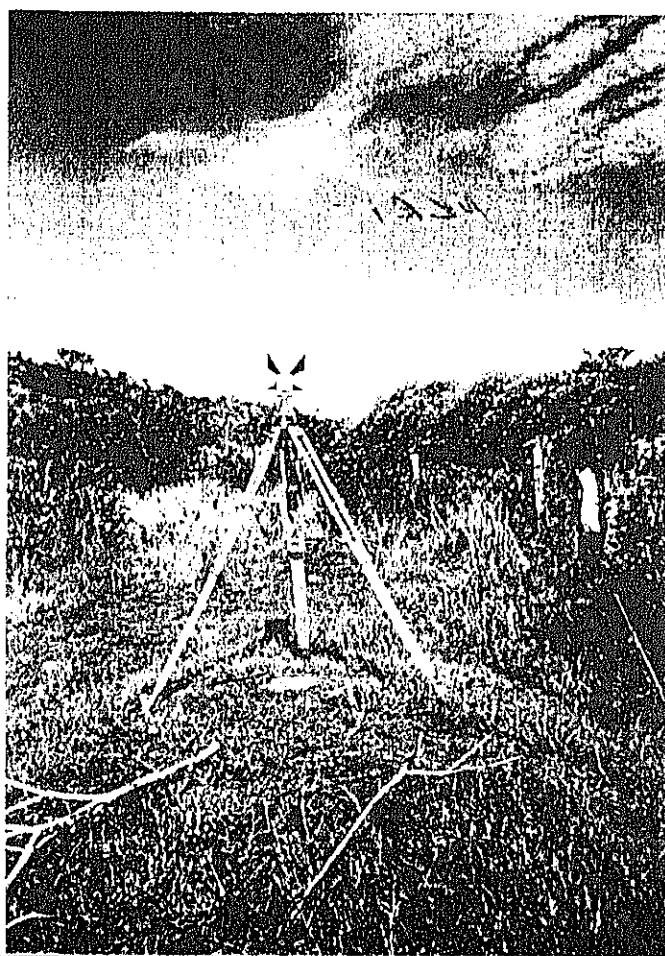
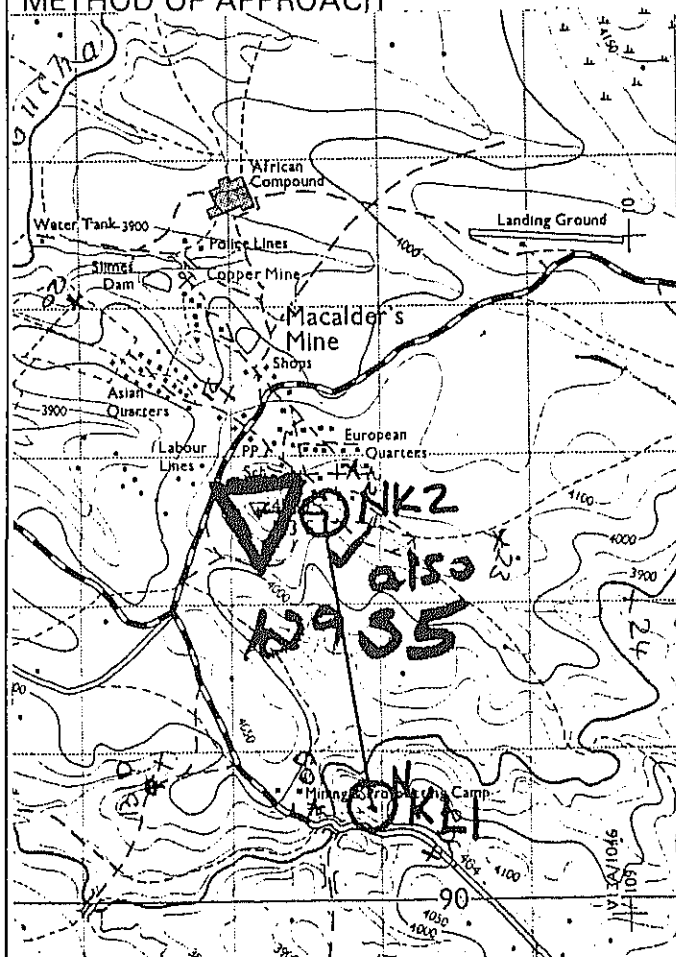
LOCATION DIAGRAM



NK 2

NK2 IS AN IRON PIN ON
RAISED GROUND NEXT TO
FENCE AND NEAR A TRACK
LEADING SOUTHWARDS INTO
THE BUSHES

METHOD OF APPROACH



SURVEY MARK DESCRIPTION

NAMBA KODERO DAMSITE

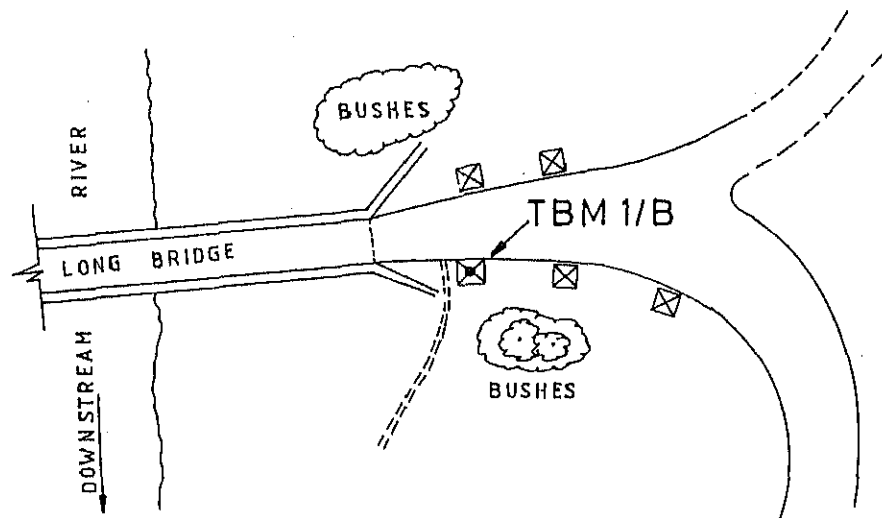
COUNTRY: KENYA

JOB No. J1061

POINT No. TBM 1/B

TYPE: TBM	DESCRIPTION: IRON PIN IN WOOD	PHOTO NO.
MAP SHEET No.	DATE: OCT. 1990	SURVEYOR: KARIOKI
NORTHING: -	EASTING: -	HEIGHT: 1164.78

LOCATION DIAGRAM



TBM1/B IS AN IRON PIN DRIVEN IN WOODPOST SUPPORTING
GUARD RAIL AT START OF BRIDGE

METHOD OF APPROACH

KERIO-A DAMSITE

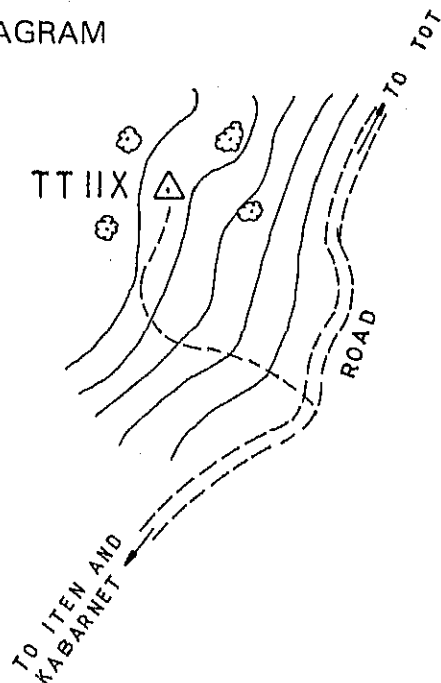
SURVEY MARK DESCRIPTION

KERIO A DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. TT 11X

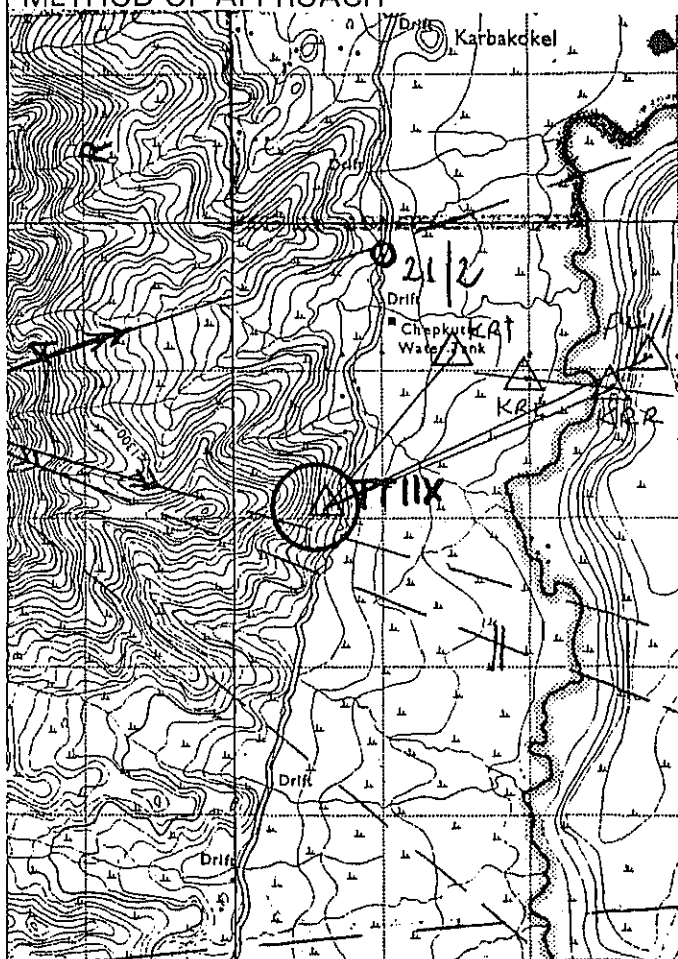
TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO.
MAP SHEET No. Y731-90/1	DATE: NOV. 1990	SURVEYOR: KARIOKI
NORTHING: 098 075.00	EASTING: 790 625.00	HEIGHT: 1136.56

LOCATION DIAGRAM



TT11X IS AN IRON PIN IN CONCRETE ON RELATIVELY FLAT GROUND ON SIDE OF SLOPE. IT IS PLACE APPROXIMATELY WHERE AN OLD POINT (TT11) USED TO BE AND WHICH WAS FOUND DESTROYED. THE ABOVE COORDINATES ARE SCALED FROM 1:50,000 SCALE MAPPING AND FORM THE BASIS FOR THE LOOP TRAVERSE ESTABLISHED.

METHOD OF APPROACH



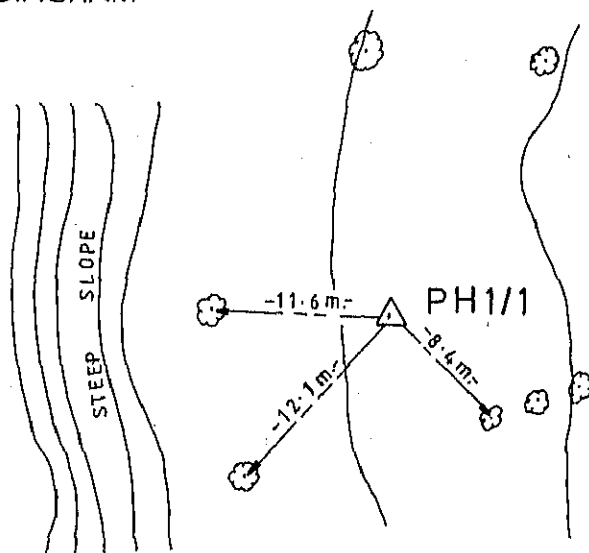
SURVEY MARK DESCRIPTION

KERIO A DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. PH 1/1

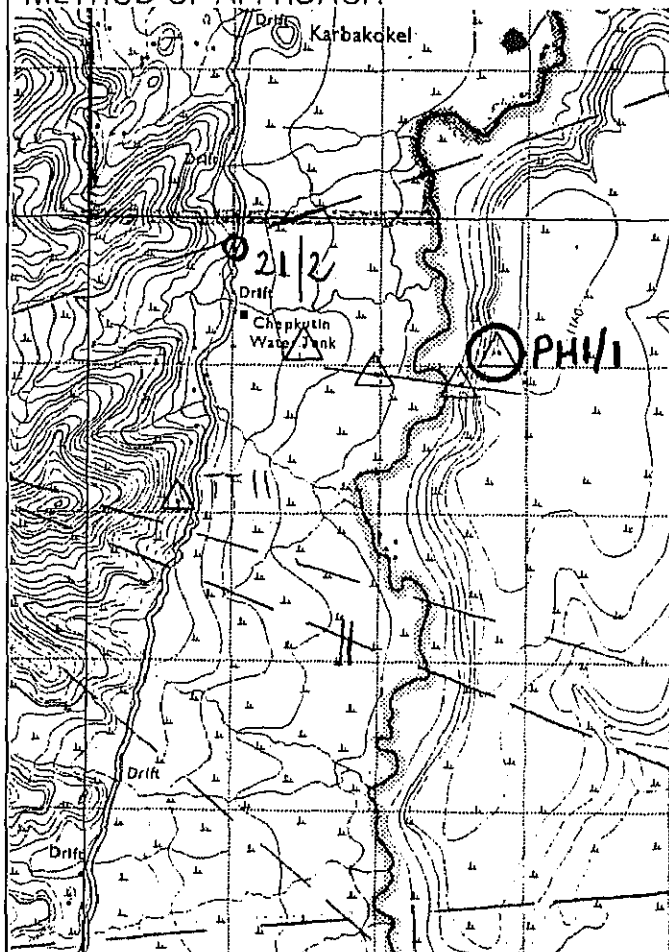
TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO. 0733
MAP SHEET No. Y731-90/1	DATE: NOV. 1990	SURVEYOR: KARIOKI
NORTHING: 099 082.84	EASTING: 792 793.91	HEIGHT: 1157.71

LOCATION DIAGRAM



PH1/1 IS AN IRON PIN IN CONCRETE ON RELATIVELY FLAT GROUND TO THE EAST OF STEEP SLOPE EAST OF RIVER KERIO.

METHOD OF APPROACH



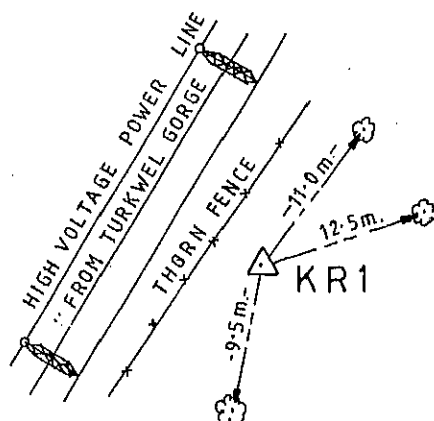
SURVEY MARK DESCRIPTION

KERIO A DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. KR 1

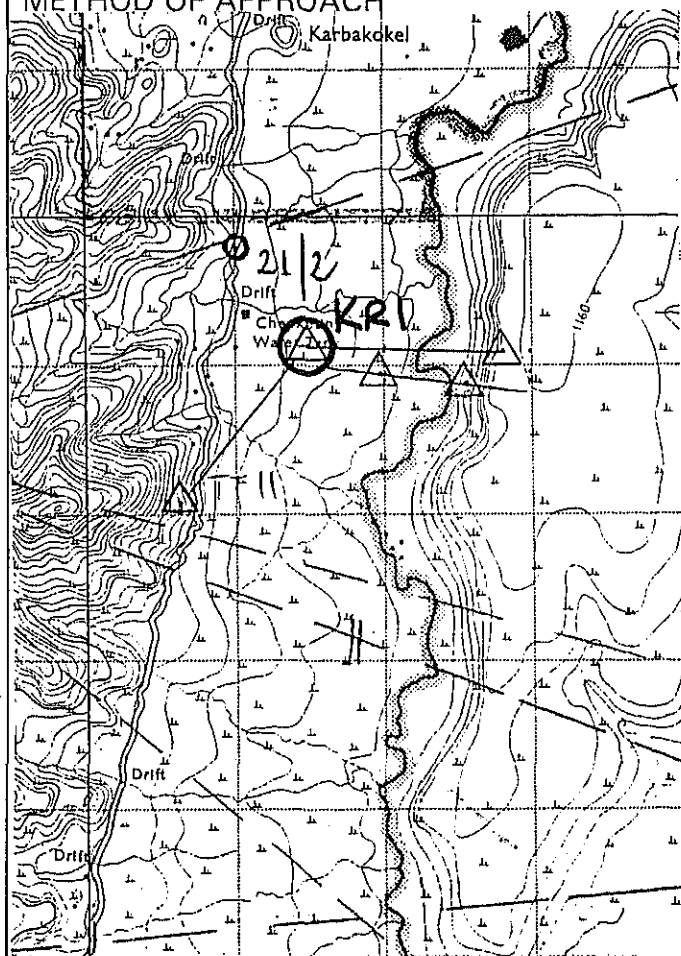
TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO. 0733
MAP SHEET No. Y731-90/1	DATE: NOV. 1990	SURVEYOR: KARIOKI
NORTHING: 099 136.66	EASTING: 791 484.71	HEIGHT: 1053.00

LOCATION DIAGRAM



KR1 IS AN IRON PIN IN CONCRETE
NEAR HIGH VOLTAGE POWER LINE FROM
TURKWEL GORGE HYDROELECTRIC STATION.

METHOD OF APPROACH



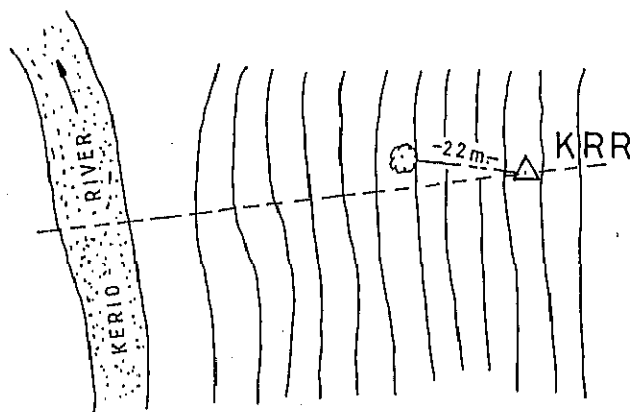
SURVEY MARK DESCRIPTION

KERIO A DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. KRR

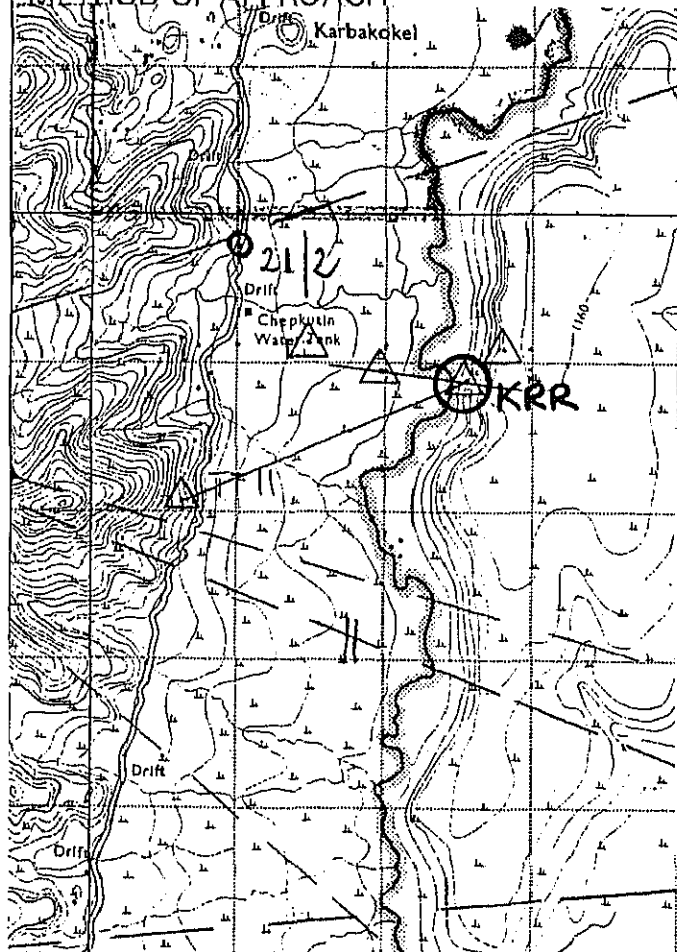
TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO. 0733
MAP SHEET No. Y731-90/1	DATE: NOV. 1990	SURVEYOR: KARIOKI
NORTHING: 098 897.15	EASTING: 792 525.81	HEIGHT: 1036.28

LOCATION DIAGRAM



KRR IS AN IRON PIN IN CONCRETE ON THE LINE OF THE PROPOSED DAM AXIS ABOUT 22 METRES FROM A BIG TREE.

METHOD OF APPROACH



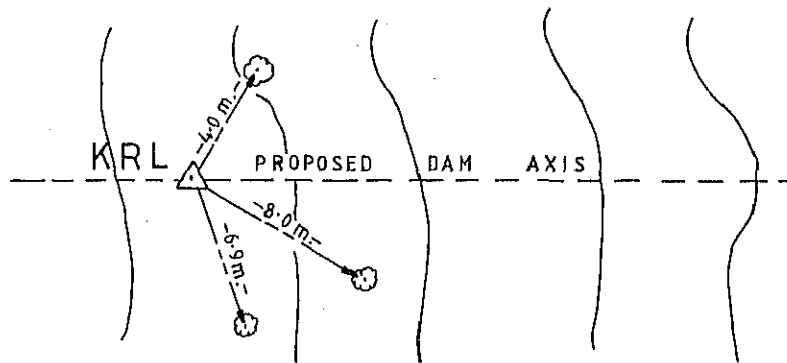
SURVEY MARK DESCRIPTION

KERIO A DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. KRL

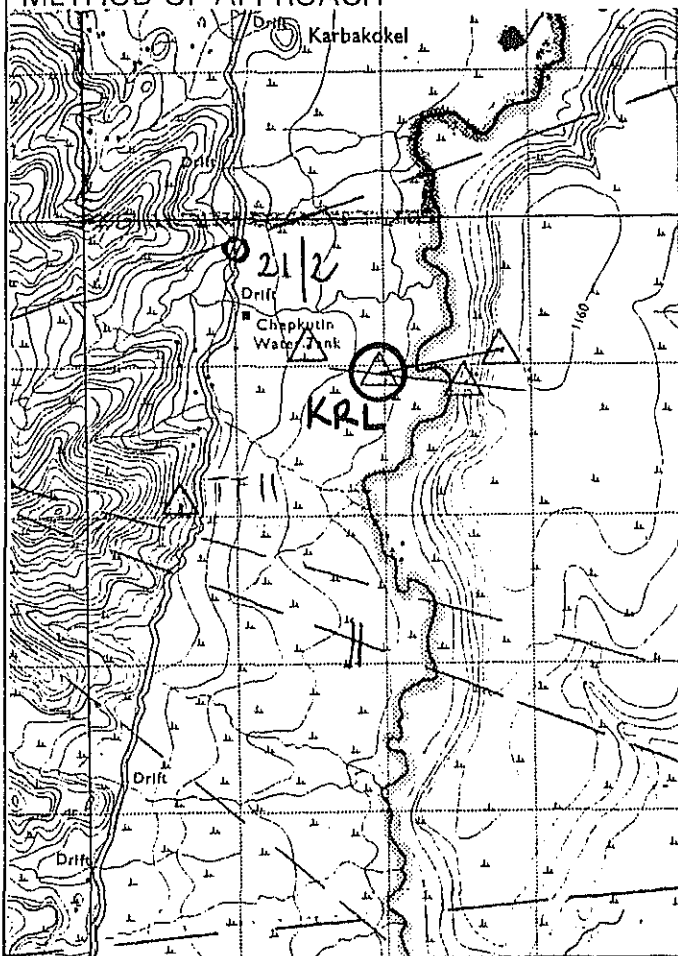
TYPE: TRAVERSE	DESCRIPTION: I.P.C.	PHOTO NO. 0733
MAP SHEET No. Y731-90/1	DATE: NOV. 1990	SURVEYOR: KARIOKI
NORTHING: 098 957.48	EASTING: 791 964.92	HEIGHT: 1031.92

LOCATION DIAGRAM



KRL IS AN IRON PIN IN CONCRETE
ALONG THE LINE OF THE PROPOSED
DAM AXIS TO THE LEFT OF THE
RIVER WHEN FACING DOWNSTREAM.

METHOD OF APPROACH



MOLO DAMSITE

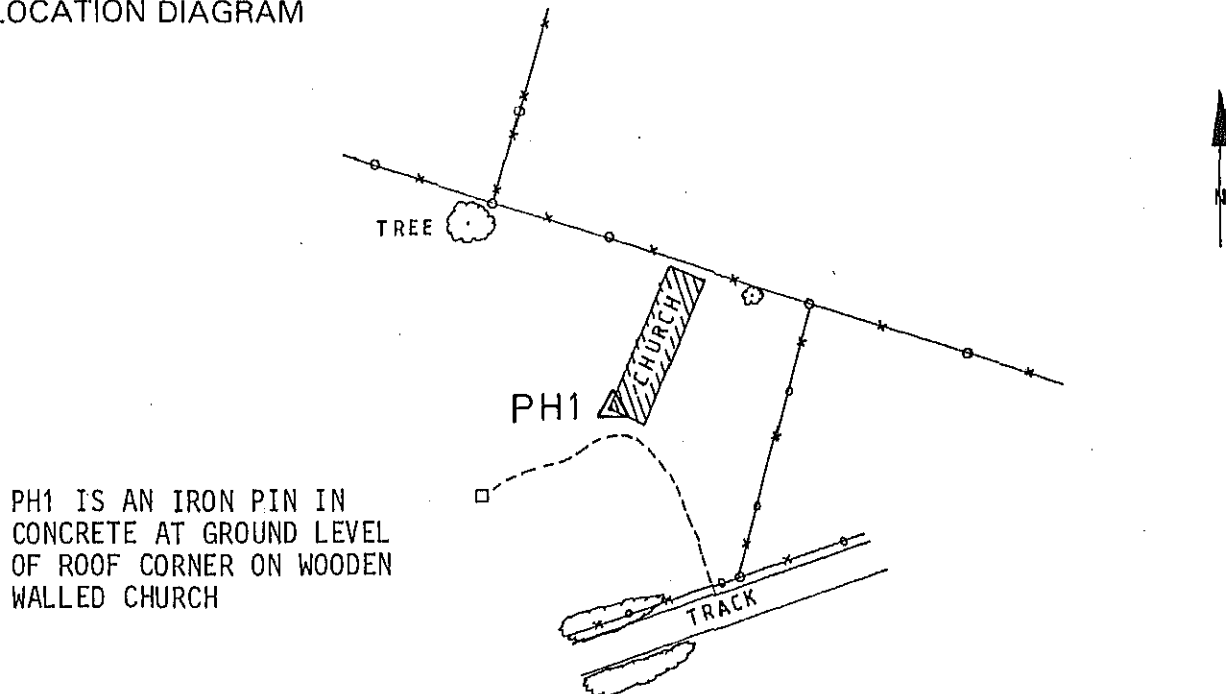
SURVEY MARK DESCRIPTION

MOLO DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. PH1

TYPE: TRAVERSE	DESCRIPTION: IPC	PHOTO NO. 1040
MAP SHEET No.	DATE: OCT. 1990	SURVEYOR: J. KARIOKI
NORTHING: 9 976 129.16	EASTING: 813 416.95	HEIGHT: 2036.53

LOCATION DIAGRAM



METHOD OF APPROACH



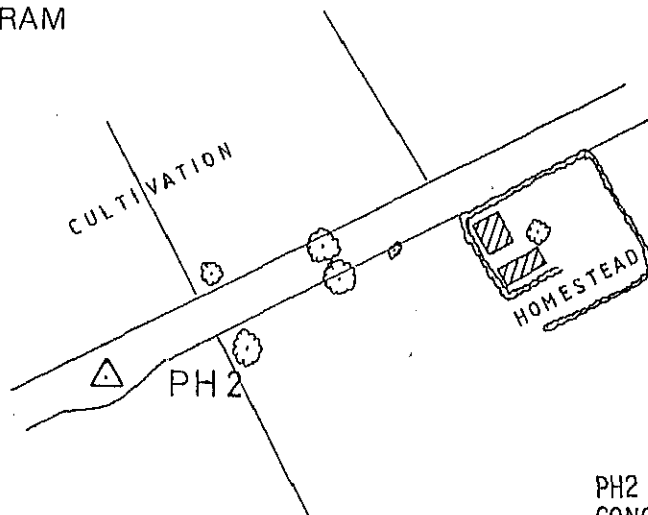
SURVEY MARK DESCRIPTION

MOLO DAMSITE

COUNTRY: KENYA JOB No. J1061 POINT No. PH 2

TYPE: TRAVERSE	DESCRIPTION: IPC	PHOTO NO. 1040
MAP SHEET No.	DATE: OCT. 1990	SURVEYOR: J. KARIOKI
NORTHING: 9 976 982.28	EASTING: 812 604.18	HEIGHT: 2050.72

LOCATION DIAGRAM



PH2 IS AN IRON PIN IN
CONCRETE ON TRACK SEPARATING
CULTIVATED LAND

METHOD OF APPROACH

