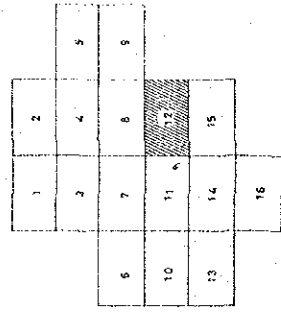


THE STUDY ON CONSTRUCTION OF DAM
IN MALEWA RIVER SYSTEM
FOR
GREATER NAKURU WATER SUPPLY PROJECT

Scale 1:500

TURASHA DAM SITE

SHEET INDEX



LEGEND

- Termac Road
- Murrow Road
- Railway Line
- Motorable Track
- Footpath
- Houses, Hut
- Fence, Hedge
- Cultivation
- Quarry
- Cuttings, Embankment
- Bridge
- Box culvert, Pipe culvert
- Revetment
- Sluice
- Watergate (flood gate)
- Rocks
- Precipice lands slide
- Cliffs
- Pond
- Rivers and streams
- Indefinite streams
- Forest, Trees
- Traverse Point, Principal Point
- Spot height
- Contours V.L.m. Index 10m.
- Form Lines

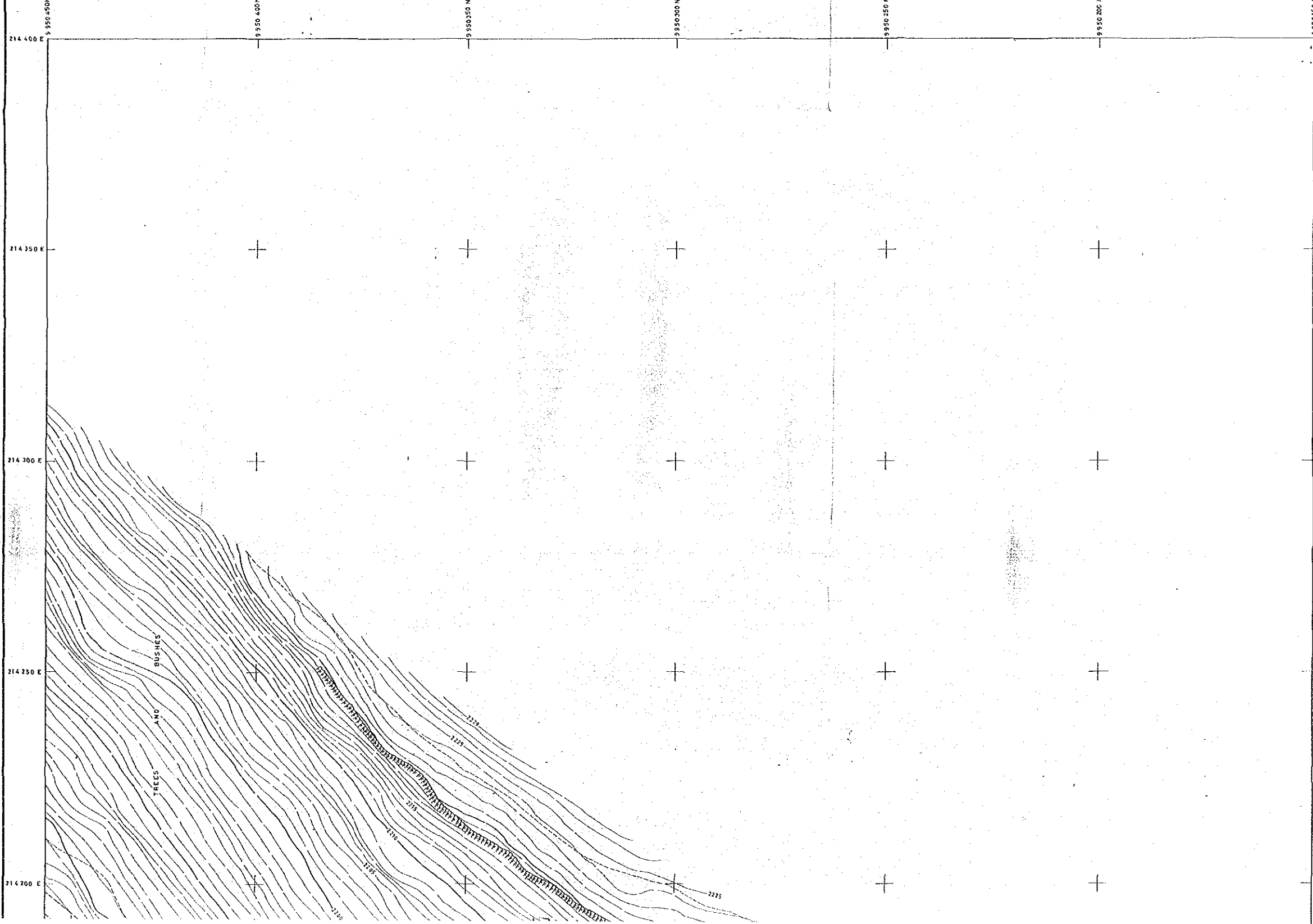
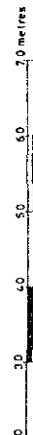
GRID INFORMATION

UTM ZONE 37

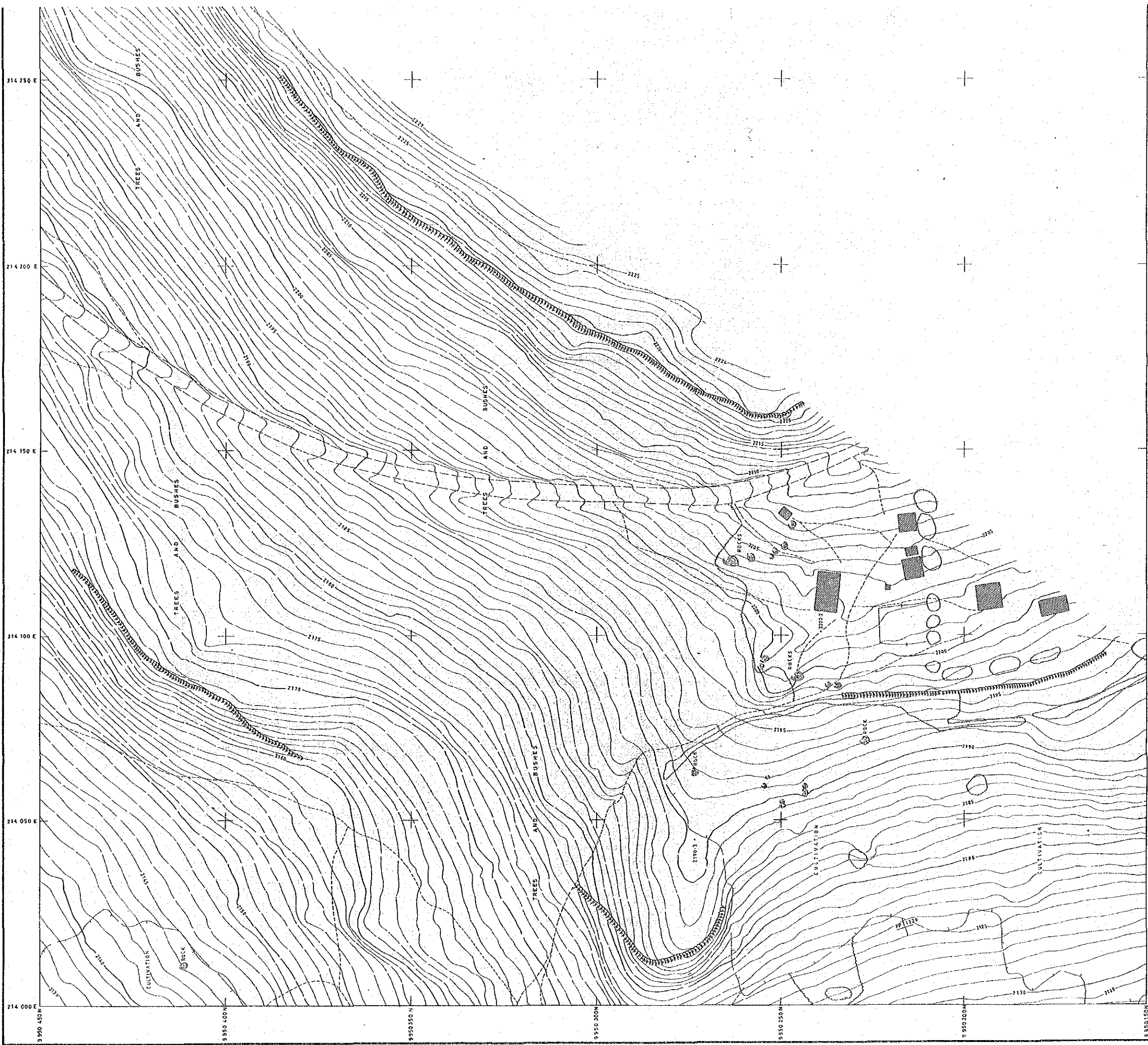
MAP HISTORY

AERIAL PHOTOGRAPHY (JANUARY 1989), GROUND
CONTROL AND PHOTOGRAMMETRIC COMPILATION
UNDERTAKEN BY PHOTOMAP (K) LTD. FOR
JAPAN INTERNATIONAL COOPERATION AGENCY.

Scale 1:500



JAPAN INTERNATIONAL COOPERATION AGENCY



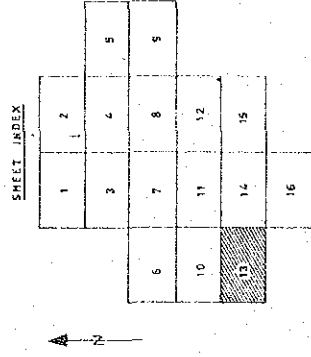
Scale 1:500



THE STUDY ON CONSTRUCTION OF DAM
IN MALEWA RIVER SYSTEM
FOR
GREATER NAKURU WATER SUPPLY PROJECT

Scale 1:500

TURASHA DAM SITE



LEGEND

- Tarmac Road
- Murum Road
- Railway Line
- Motorable Track
- Footpath
- Houses, Huts
- Fence, Hedge
- CULTIVATION
- Quarry
- Cutting, Embankment
- Bridge
- Box culvert, Pipe culvert
- Revetment
- Sluice
- Weirgate (flood gate)
- Rocks
- Precipice, land slide
- Cliffs
- Pond
- Rivers and streams
- Indefinite streams
- Forest, Trees
- Traverse Point, Principal Point
- Spot height
- Contours V.I. Im. Index 10m.
- Form Lines

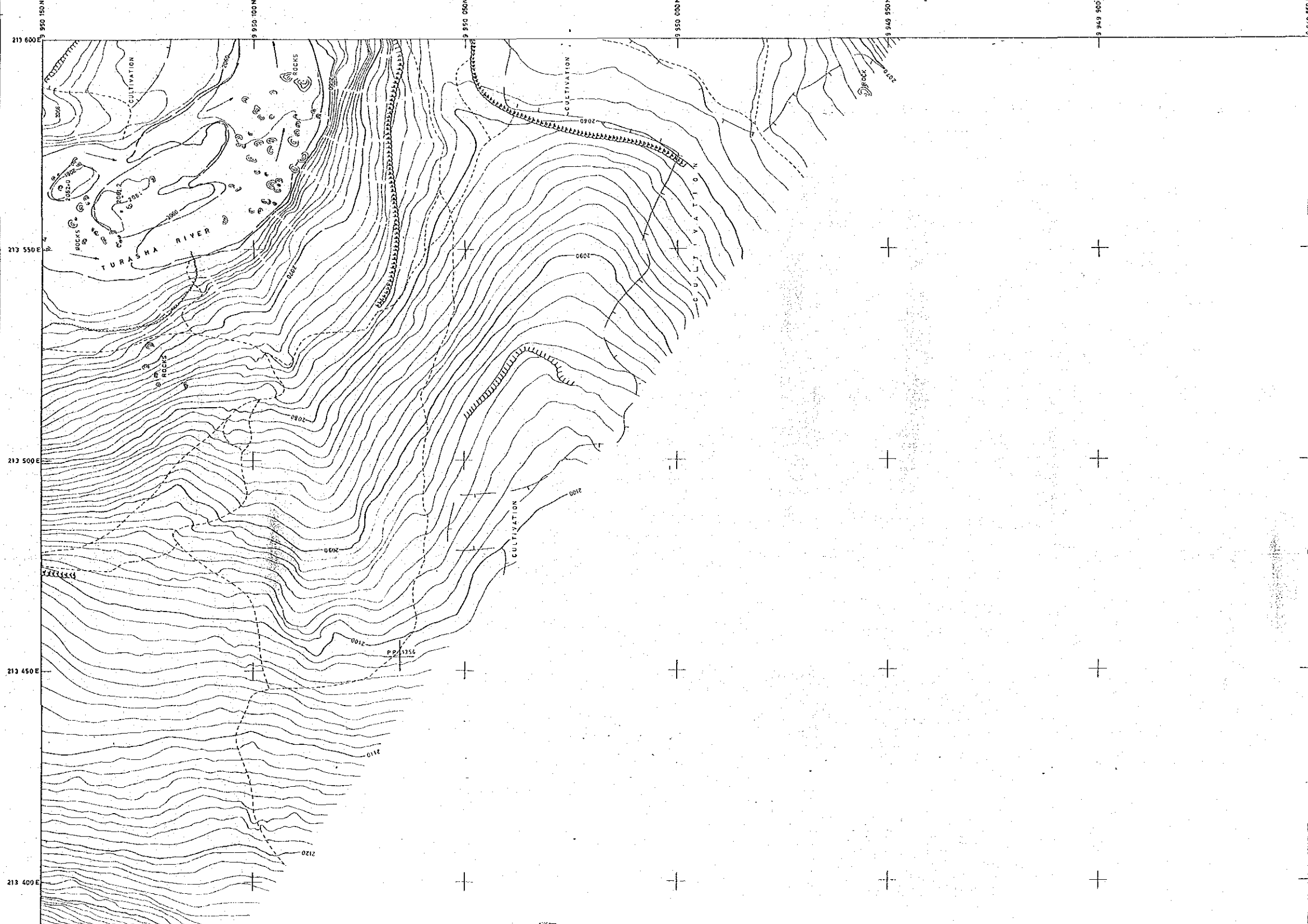
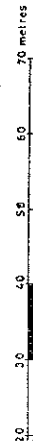
GRID INFORMATION

UTM ZONE 37

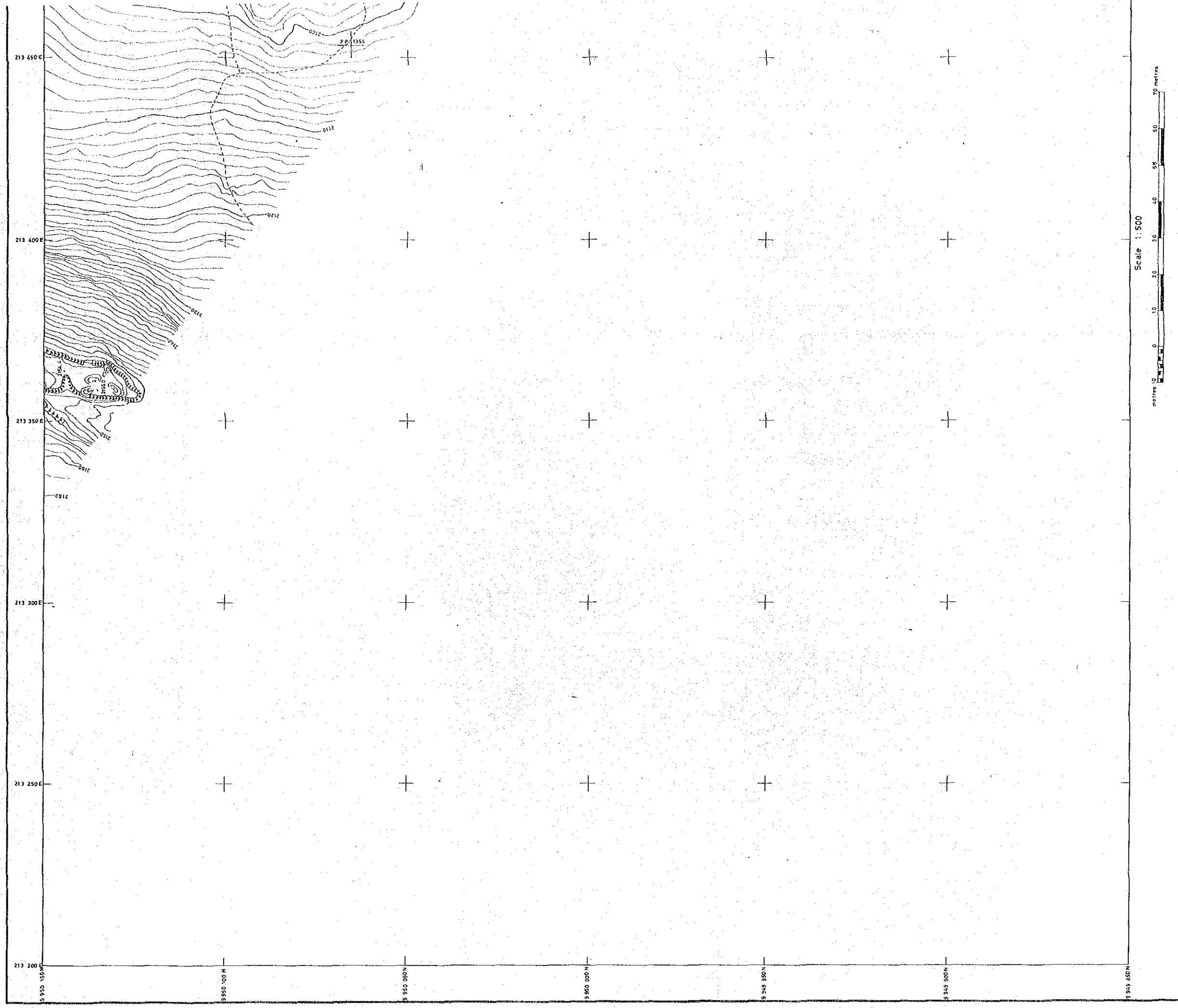
MAP HISTORY

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CONTROL AND PHOTOGRAMMETRIC COMPILATION
UNDERTAKEN BY PHOTOHAP (K) LTD. FOR
JAPAN INTERNATIONAL COOPERATION AGENCY.

Scale 1:500



JAPAN INTERNATIONAL COOPERATION AGENCY



Scale 1:500

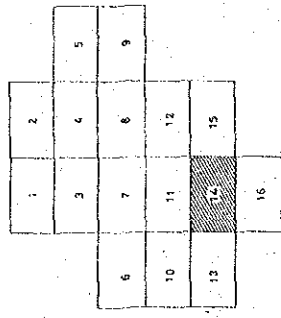
metres 0 10 20 30 40 50 60 70

THE STUDY ON CONSTRUCTION OF DAM
IN MALEWA RIVER SYSTEM
FOR
GREATER NAKURU WATER SUPPLY PROJECT

Scale 1:500

TURASHA DAM SITE

SHEET INDEX



LEGEND

- Tarmac Road
- Murrum Road
- Railway Line
- Motorable Track
- Footpath
- Houses, Huts
- Fence, Hedge
- Cultivation
- Quarry
- Cutting, Embankment
- Bridge
- Box Culvert, Pipe culvert
- Revetment
- Sluice
- Watergate (fixed gate)
- Rocks
- Precipice (and slide)
- Cliffs
- Pond
- Rivers and streams
- Undermine streams
- Forest, Trees
- Traverse Point, Principal Point
- Spot Height
- Contours V.I. Im. Index 10m.
- Form Lines

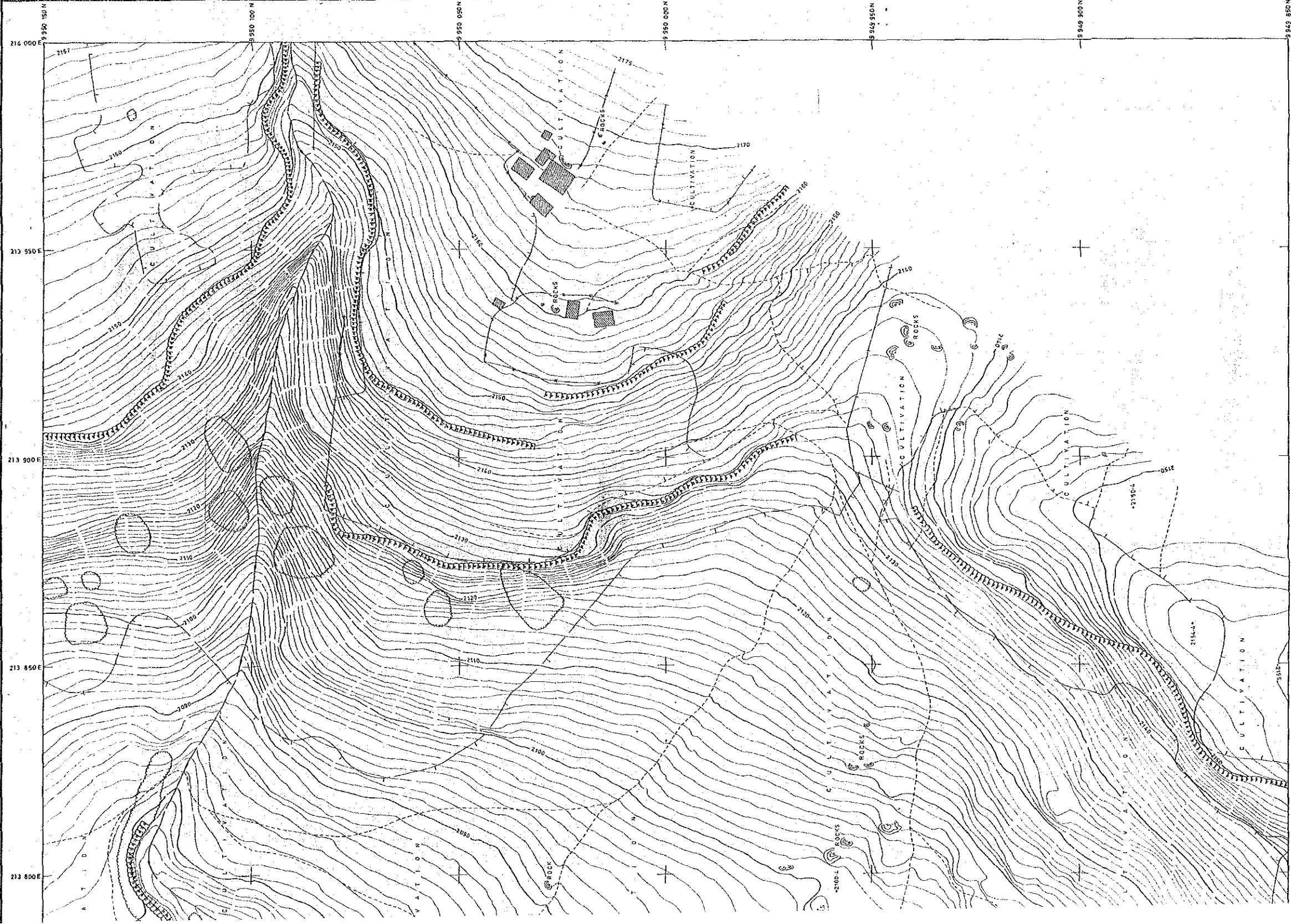
GRID INFORMATION

UTM ZONE 37

MAP HISTORY

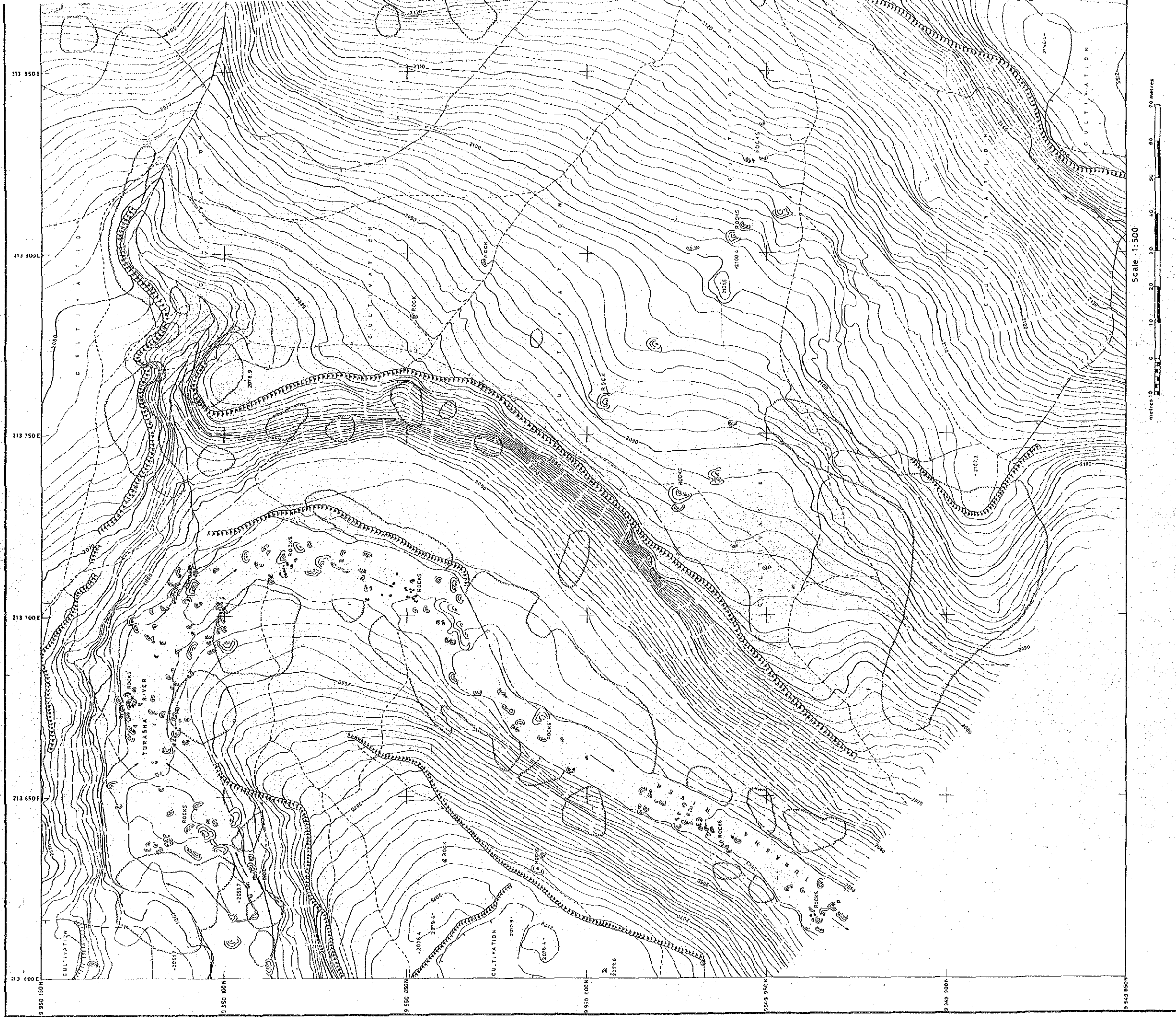
AERIAL PHOTOGRAPHY JANUARY 1989, GROUND
CONTROL AND PHOTOGRAMMETRIC COMPILATION
UNDERTAKEN BY PHOTOMAP (K) LTD. FOR
JAPAN INTERNATIONAL COOPERATION AGENCY.

JAPAN INTERNATIONAL COOPERATION AGENCY



Scale 1:500

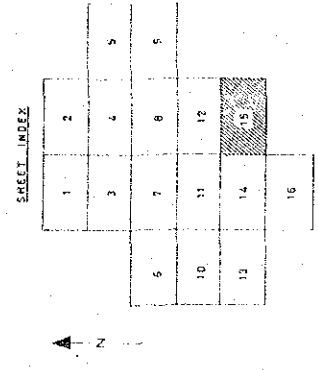
20 40 50 70 metres



THE STUDY ON CONSTRUCTION OF DAM
IN MALEWA RIVER SYSTEM
FOR
GREATER NAKURU WATER SUPPLY PROJECT

Scale 1:500

TURASHA DAM SITE



LEGEND

- Tarmac Road
- Murrum Road
- Railway Line
- Motorable Track
- Footpath
- Houses, Muris
- Fence, hedge
- Cultivation
- Quarry
- Cutting, Embankment
- Bridge
- Box culvert, Pipe culvert
- Revetment
- Sluice
- Watergate (Flood gate)
- Rocks
- Fracture land slide
- Cliffs
- Pond
- Rivers and streams
- Indefinite streams
- Forest, Trees
- Traverse Point, Principal Point
- Spot height
- Contours V.L.M. Index 10m.
- Form Lines

GRID INFORMATION

UTM ZONE 37

MAP HISTORY

AERIAL PHOTOGRAPHY (JANUARY 1989), GROUND
CONTROL AND PHOTOGRAMMETRIC COMPILATION
UNDERTAKEN BY PHOTONAP (K) LTD FOR
JAPAN INTERNATIONAL COOPERATION AGENCY.

1:500



214 400 E

214 350 E

214 300 E

214 250 E

214 200 E

9950 100 N

9950 050 N

9950 000 N

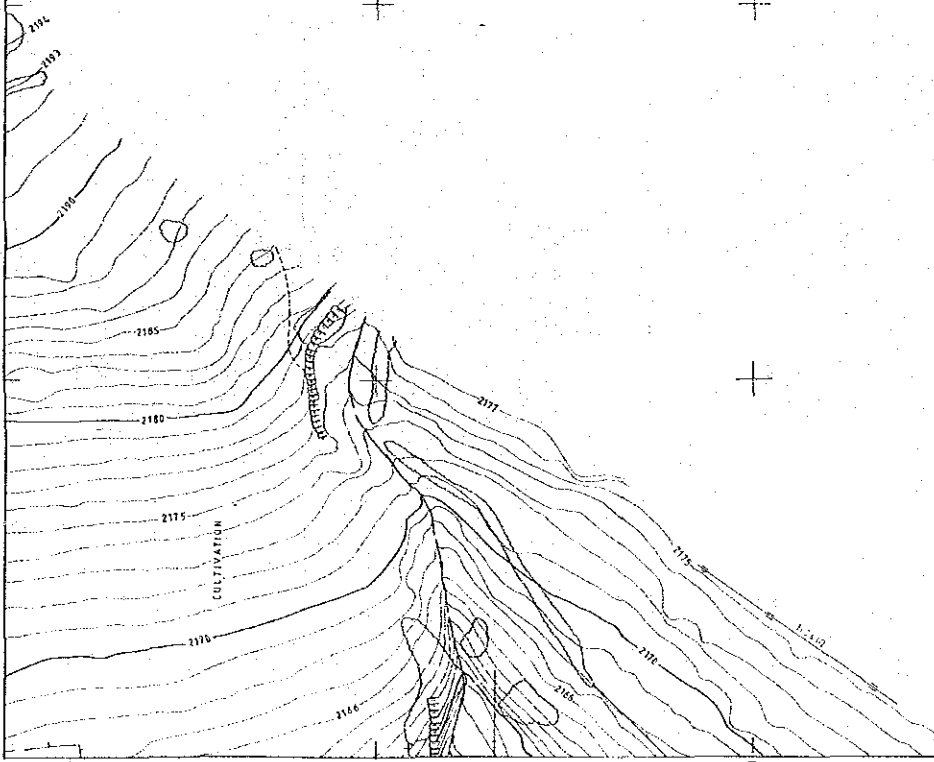
9949 950 N

9949 900 N

9949 850 N

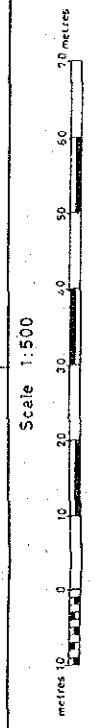
JAPAN INTERNATIONAL COOPERATION AGENCY

214 250 E
214 200 E
214 150 E
214 100 E
214 050 E
214 000 E
9550 150 N
9550 100 N
9550 050 N
9550 000 N
9549 950 N
9549 900 N
9549 850 N



MT 19
224130

pe 1320

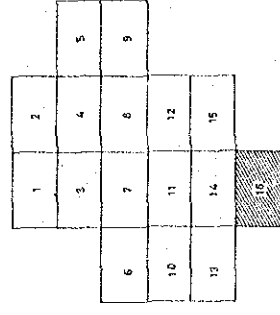


THE STUDY ON CONSTRUCTION OF DAM
IN MALEWA RIVER SYSTEM
FOR
GREATER NAKURU WATER SUPPLY PROJECT

Scale 1:500

TURASHA DAM SITE

SHEET INDEX



LEGEND

- Tarmac Road
- Murum Road
- Railway Line
- Motorable Track
- Footpath
- Houses/Huts
- Fence, Hedge
- Cultivation
- Quarry
- Cutting, Embankment
- Bridge
- Box culvert, Pipe culvert
- Revetment
- Sluice
- Watergate (flood gate)
- Reefs
- Precipice land slide
- Cliffs
- Pond
- Rivers and streams
- Indefinite streams
- Forest, Trees
- Traverse Point, Principal Point
- Spot height
- Contours V.L.M. Index 10m
- Fern Lines

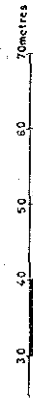
GRID INFORMATION

UTM ZONE 37

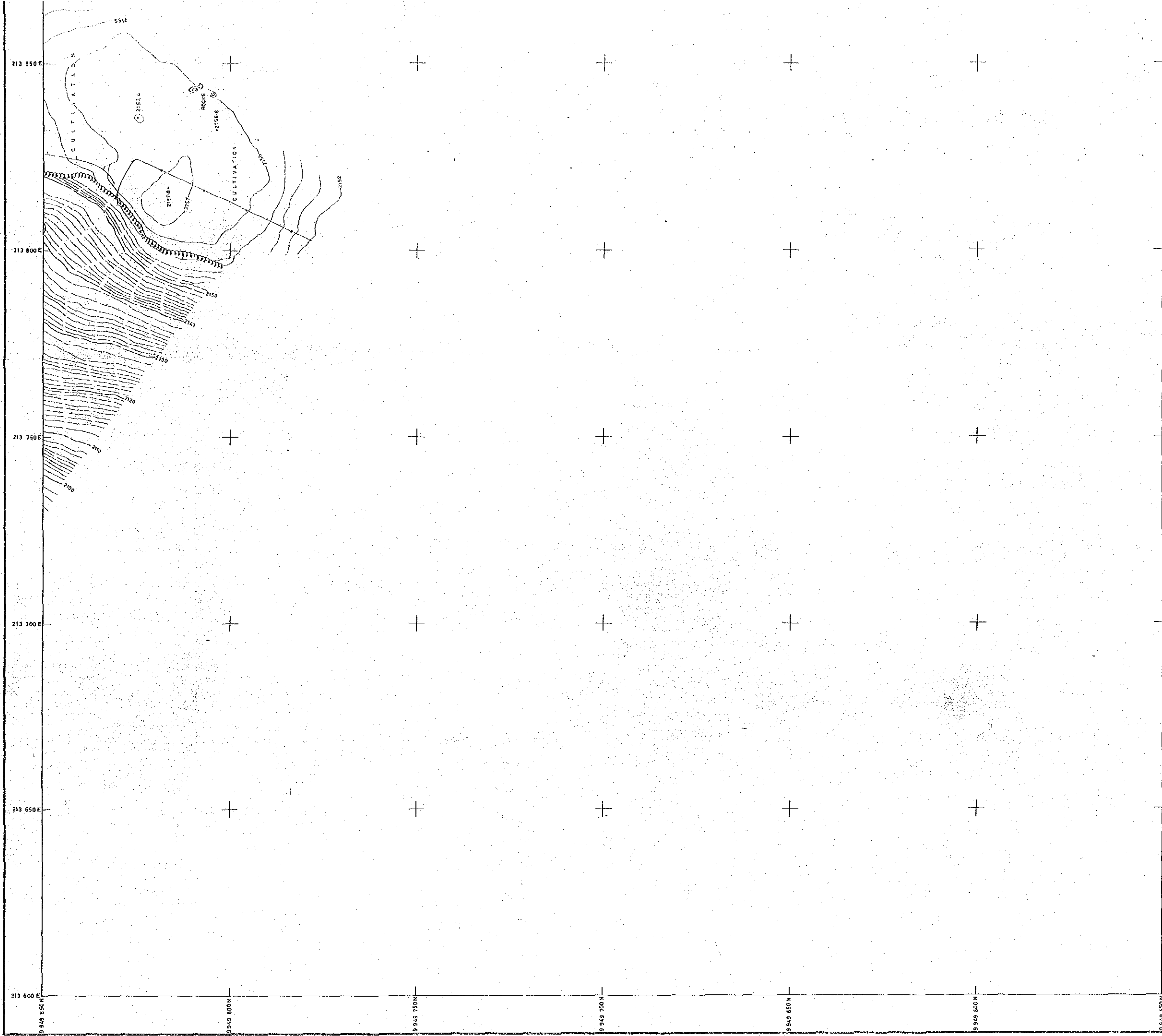
MAP HISTORY

AERIAL PHOTOGRAPHY (JANUARY 1969), GROUND
CONTROL AND PHOTOGRAMMETRIC COMPILATION
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JAPAN INTERNATIONAL COOPERATION AGENCY.

Scale 1:500



JAPAN INTERNATIONAL COOPERATION AGENCY



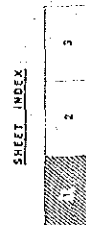
Scale 1:500
metres 0 10 20 30 40 50 60

THE STUDY ON CONSTRUCTION OF DAM
IN MALEWA RIVER SYSTEM
FOR
GREATER NAKURU WATER SUPPLY PROJECT

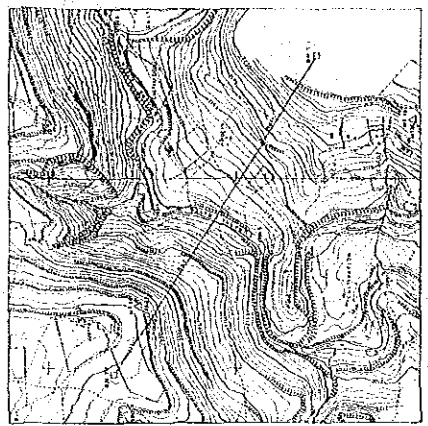
RIVER CROSS SECTION SURVEY

Scale H = 1 : 500
V = 1 : 500

TURASHA RIVER



INDEX MAP
Scale 1 : 10,000

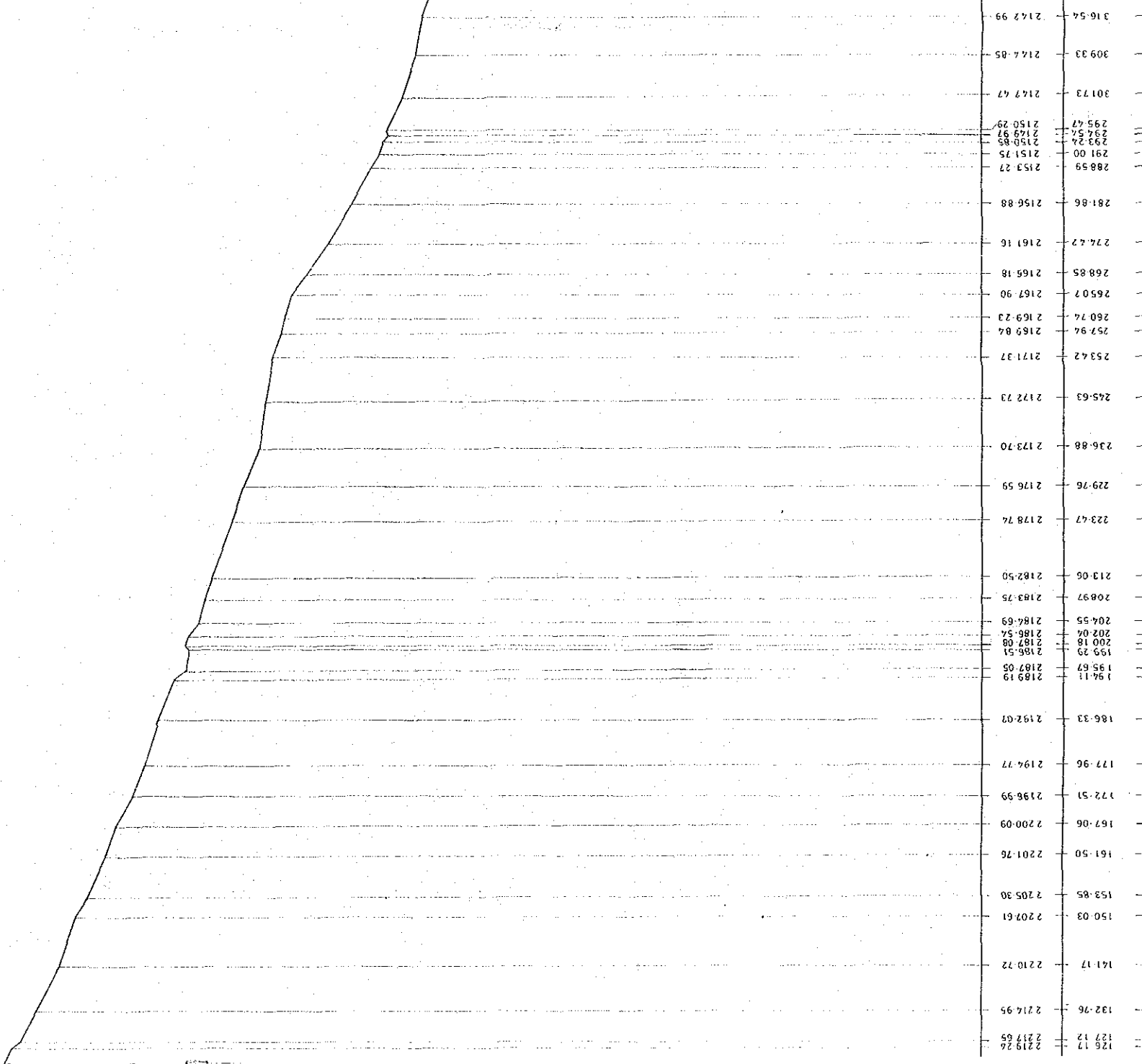


MAP HISTORY
RIVER CROSS SECTION SURVEY UNDERTAKEN BY
PHOTOMAP (M.) LTD. FOR JAPAN INTERNATIONAL
COOPERATION AGENCY

JAPAN INTERNATIONAL COOPERATION AGENCY

SHA RIVER
SECTION No. 1

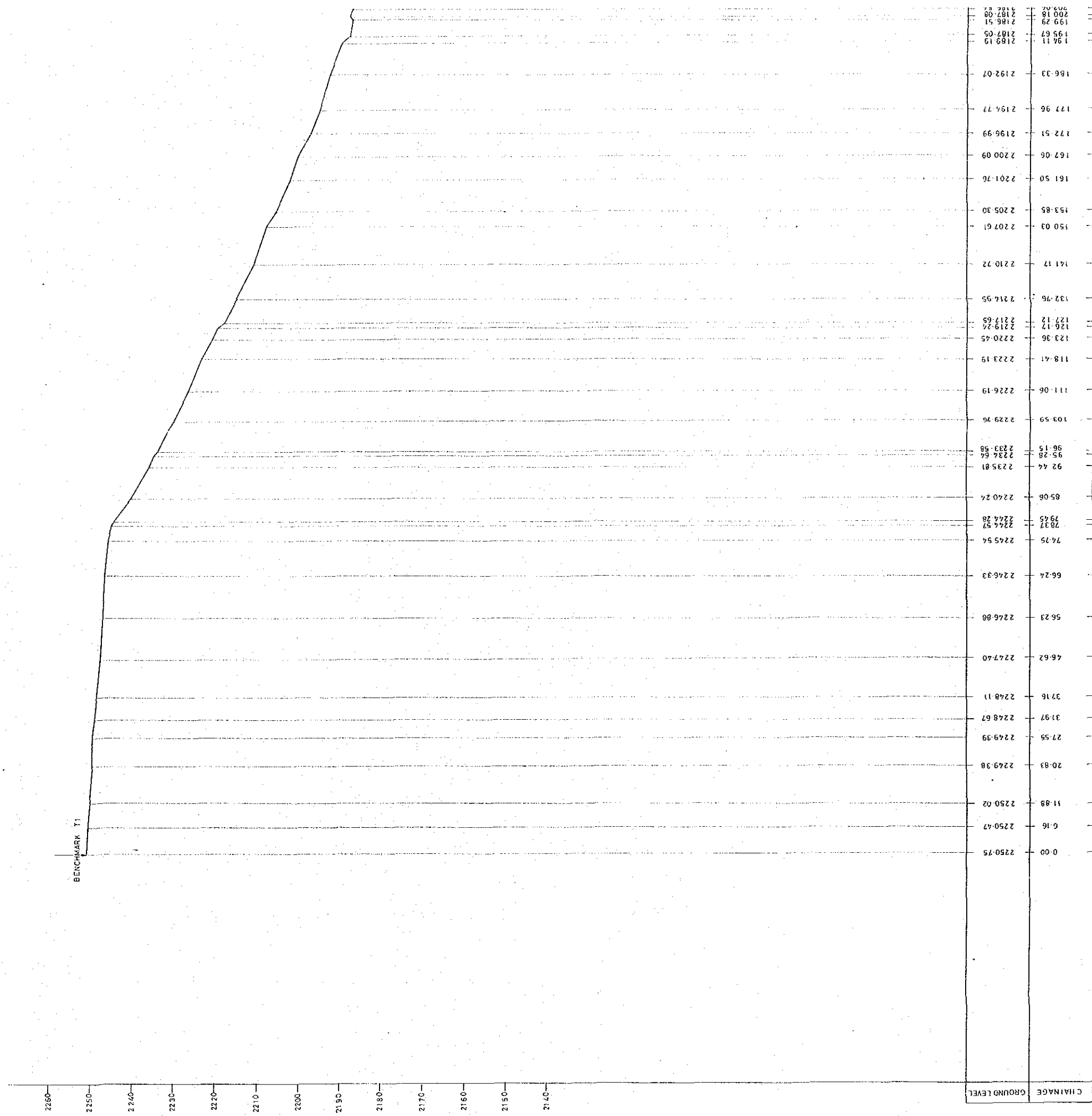
2260
2250
2240
2230
2220
2210
2200
2190
2180
2170
2160
2150
2140



126.17	2219.26
127.17	2217.55
132.76	2214.95
141.17	2210.72
150.03	2207.61
153.85	2205.30
161.50	2201.76
167.06	2200.09
172.51	2198.99
177.96	2194.77
186.33	2192.07
189.19	2189.19
195.67	2187.05
199.39	2186.51
200.18	2187.08
202.04	2186.54
204.55	2186.69
208.97	2183.75
213.06	2182.50
223.47	2178.74
229.76	2176.59
236.88	2173.70
245.63	2172.73
253.42	2171.37
257.94	2169.84
260.74	2169.23
265.07	2167.90
268.85	2166.18
274.27	2161.16
281.86	2156.88
288.59	2153.27
291.00	2151.75
293.24	2150.85
294.54	2149.97
295.47	2150.29
301.73	2147.47
309.33	2144.85
316.54	2142.99



TURASHA RIVER
SECTION No. 1



Scale 1:500



THE STUDY ON CONSTRUCTION OF DAM
IN MALEWA RIVER SYSTEM
FOR
GREATER NAKURU WATER SUPPLY PROJECT

RIVER CROSS SECTION SURVEY

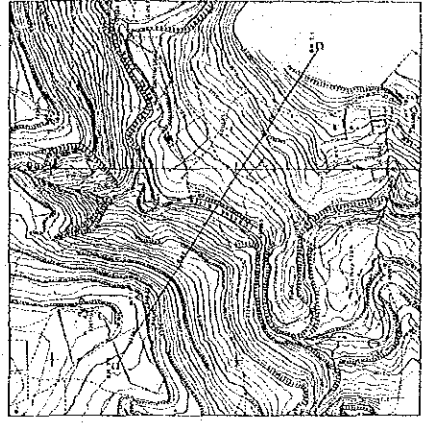
Scale H = 1 : 500
V = 1 : 500

TURASHA RIVER

SHEET INDEX



INDEX MAP
Scale 1 : 10,000

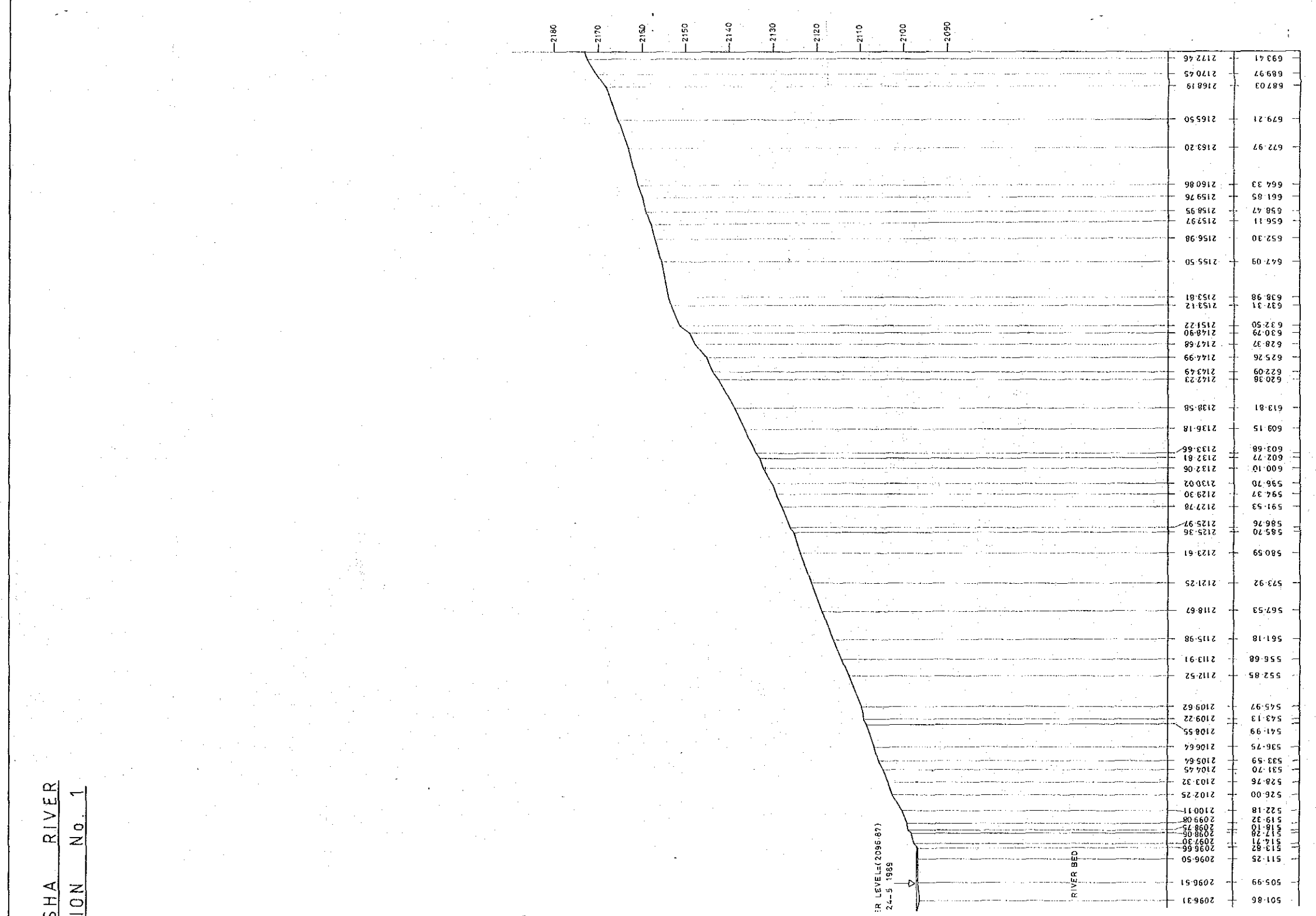


MAP HISTORY

RIVER CROSS SECTION SURVEY UNDERTAKEN BY
PHOTOMAP INT. LTD. FOR JAPAN INTERNATIONAL
COOPERATION AGENCY.

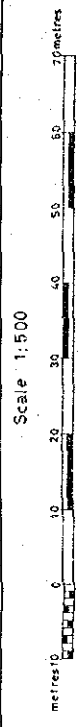
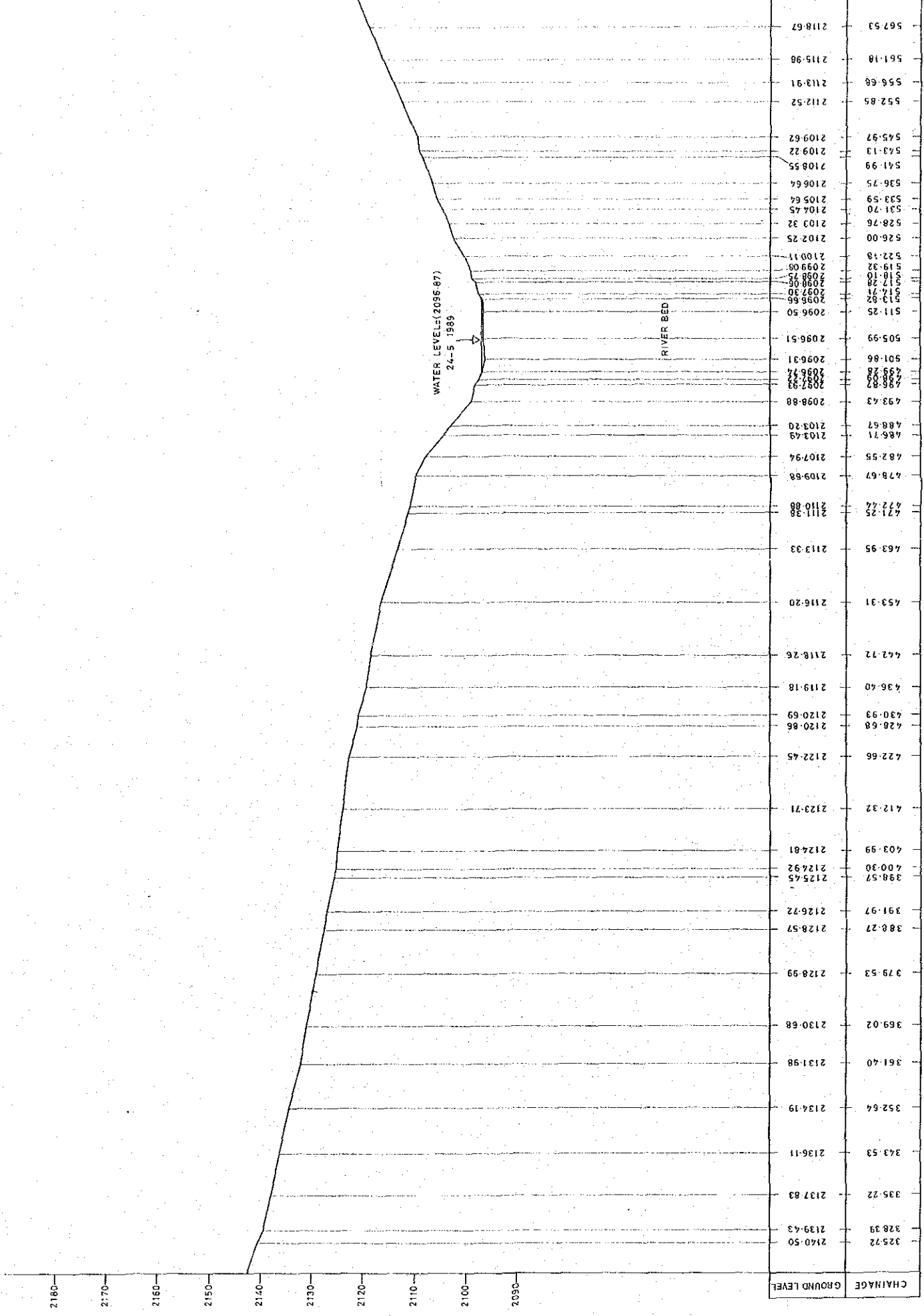
JAPAN INTERNATIONAL COOPERATION AGENCY

SHA RIVER
SECTION No. 1



IR LEVEL (2086.87)
24-5 1985

TURASHA RIVER
SECTION No. 1



SHA RIVER
 ION No. 1

THE STUDY ON CONSTRUCTION OF DAM
 IN MALEWA RIVER SYSTEM
 FOR
 GREATER NAKURU WATER SUPPLY PROJECT

RIVER CROSS SECTION SURVEY

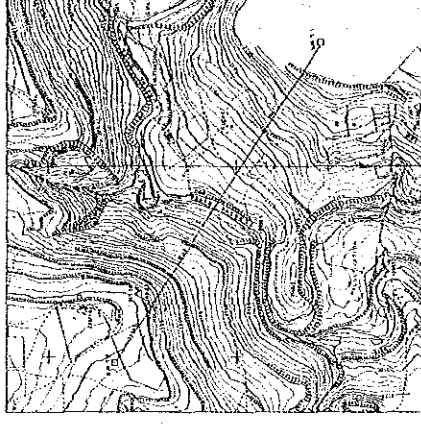
Scale H = 1 : 500
 V = 1 : 500

TURASHA RIVER

SHEET INDEX

1	2	3
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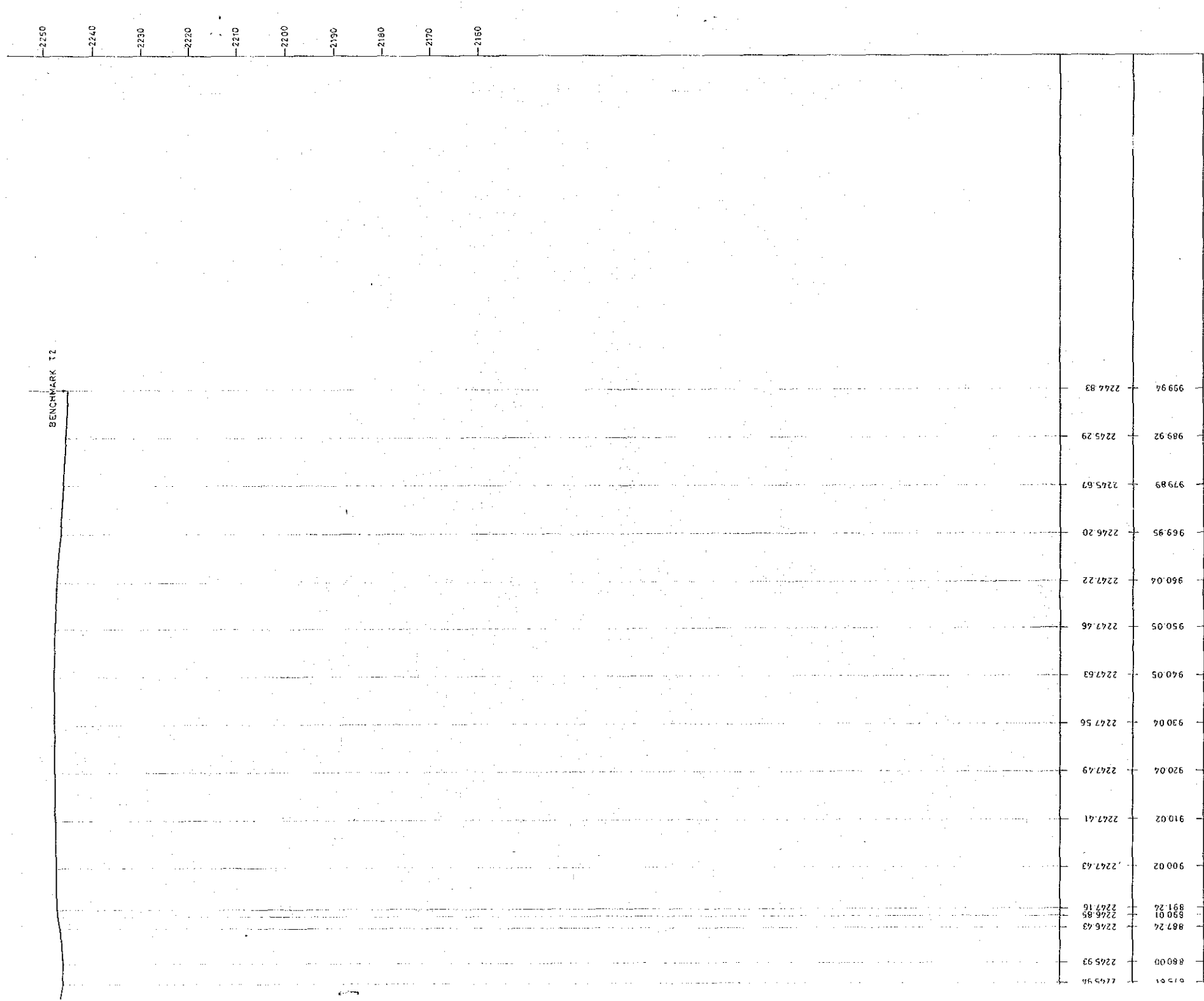
INDEX MAP
 Scale 1 : 10,000



MAP HISTORY

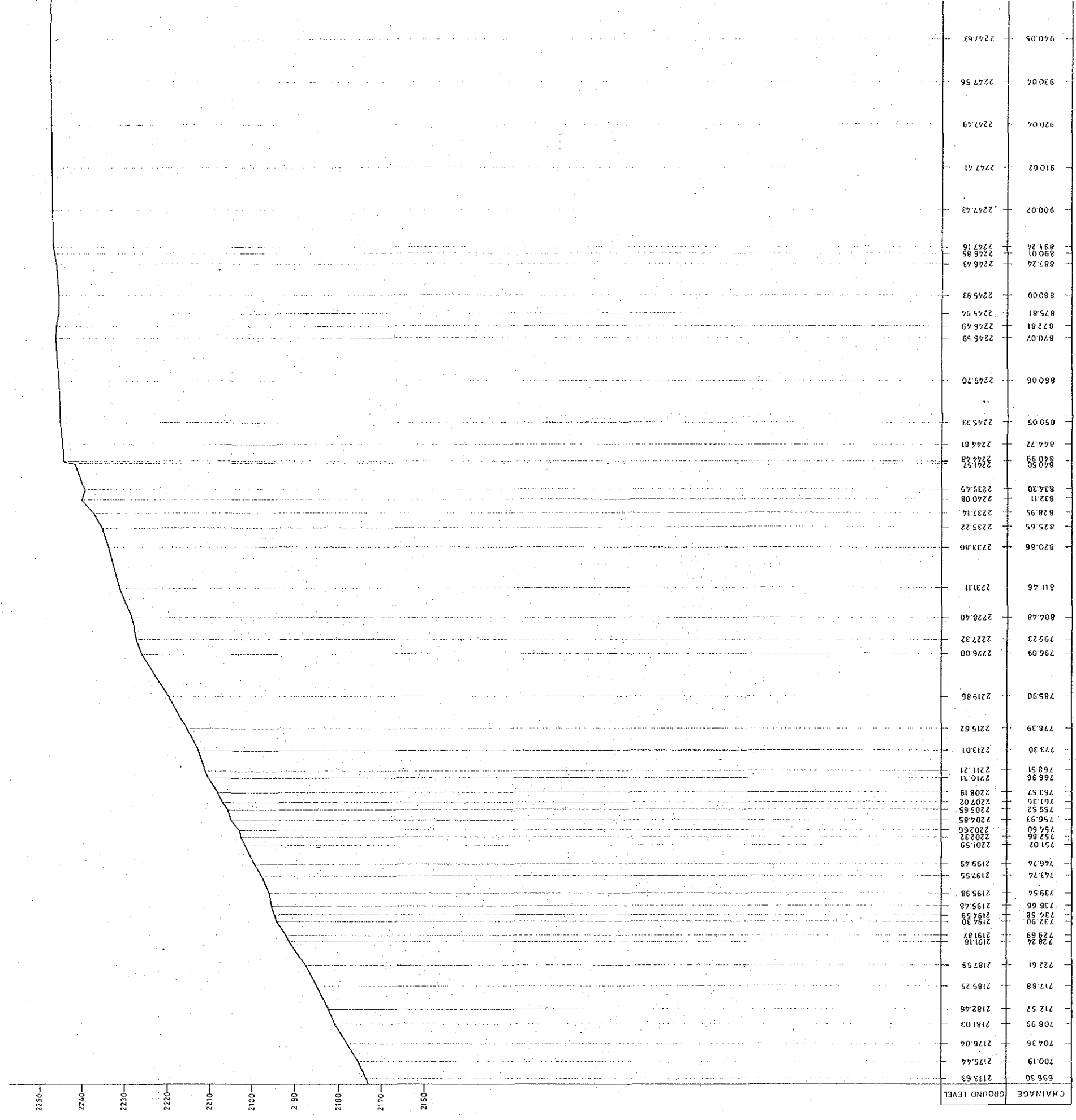
RIVER CROSS SECTION SURVEY UNDERTAKEN BY
 PHOTOGRAPHIC LTD. FOR JAPAN INTERNATIONAL
 COOPERATION AGENCY.

Scale 1 : 500



JAPAN INTERNATIONAL COOPERATION AGENCY

TURASHA RIVER
SECTION No. 1



Scale 1:500



KIPIRI ROAD QUARRY SITE

Scale 1:5000

LEGEND

- Tarmac Road
- Murum Road
- Railway Line
- Motorable Track
- Footpath
- Houses, Huts
- Fence, Hedge
- Cultivation
- Quarry
- Cutting, Embankment
- Bridge
- Box culvert, Pipe culvert
- Reverment
- Sluice
- Watergate (Flood gate)
- Rocks
- Pracpice, Land slide
- Cliffs
- Pond
- Rivers and streams
- Indefinite streams
- Forest, Trees
- Traverse point, Principal point
- Spot height
- Contours V.I. Sm. under 25m.
- Fern Lines

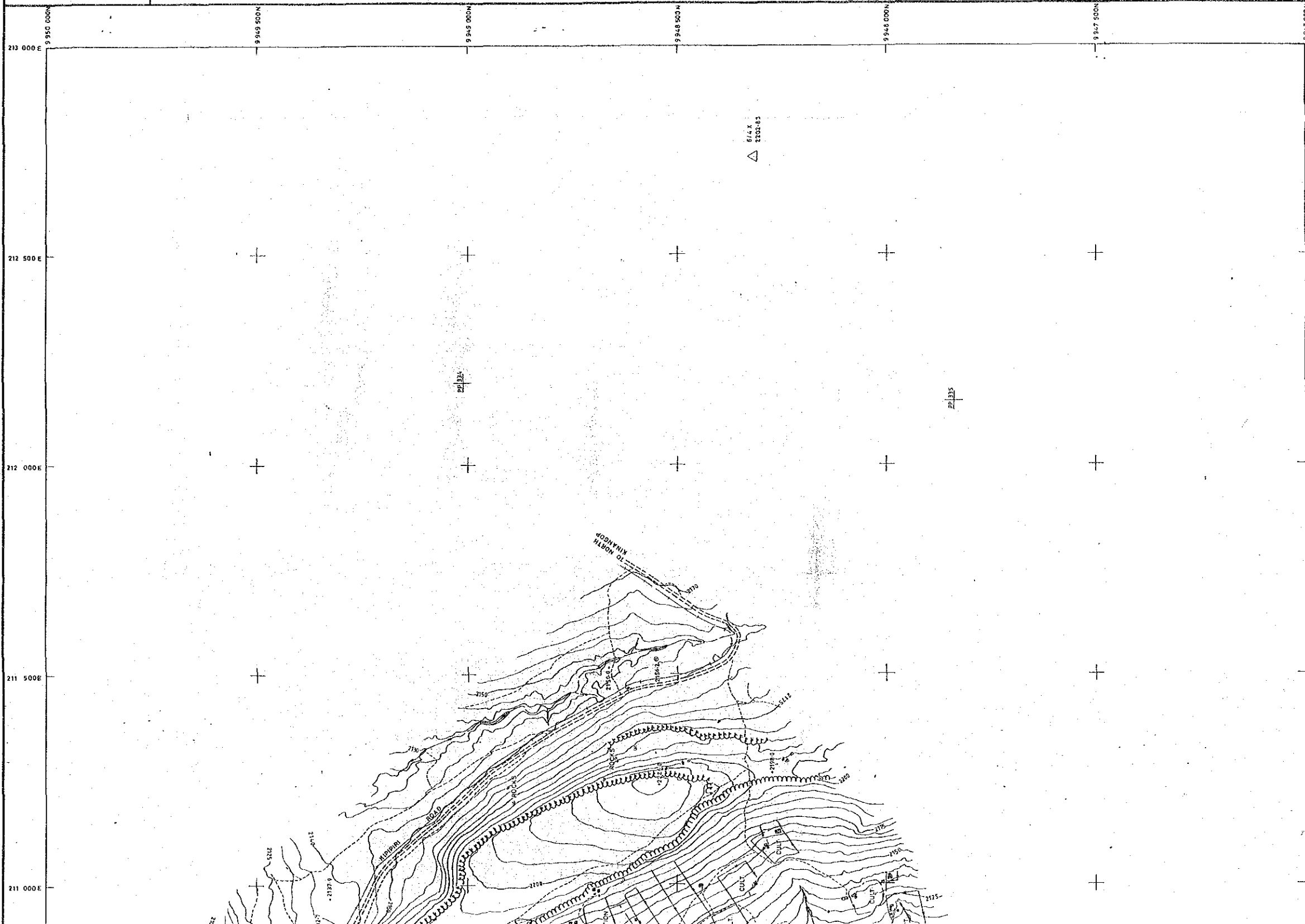
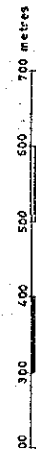
GRID INFORMATION

UTM ZONE 37

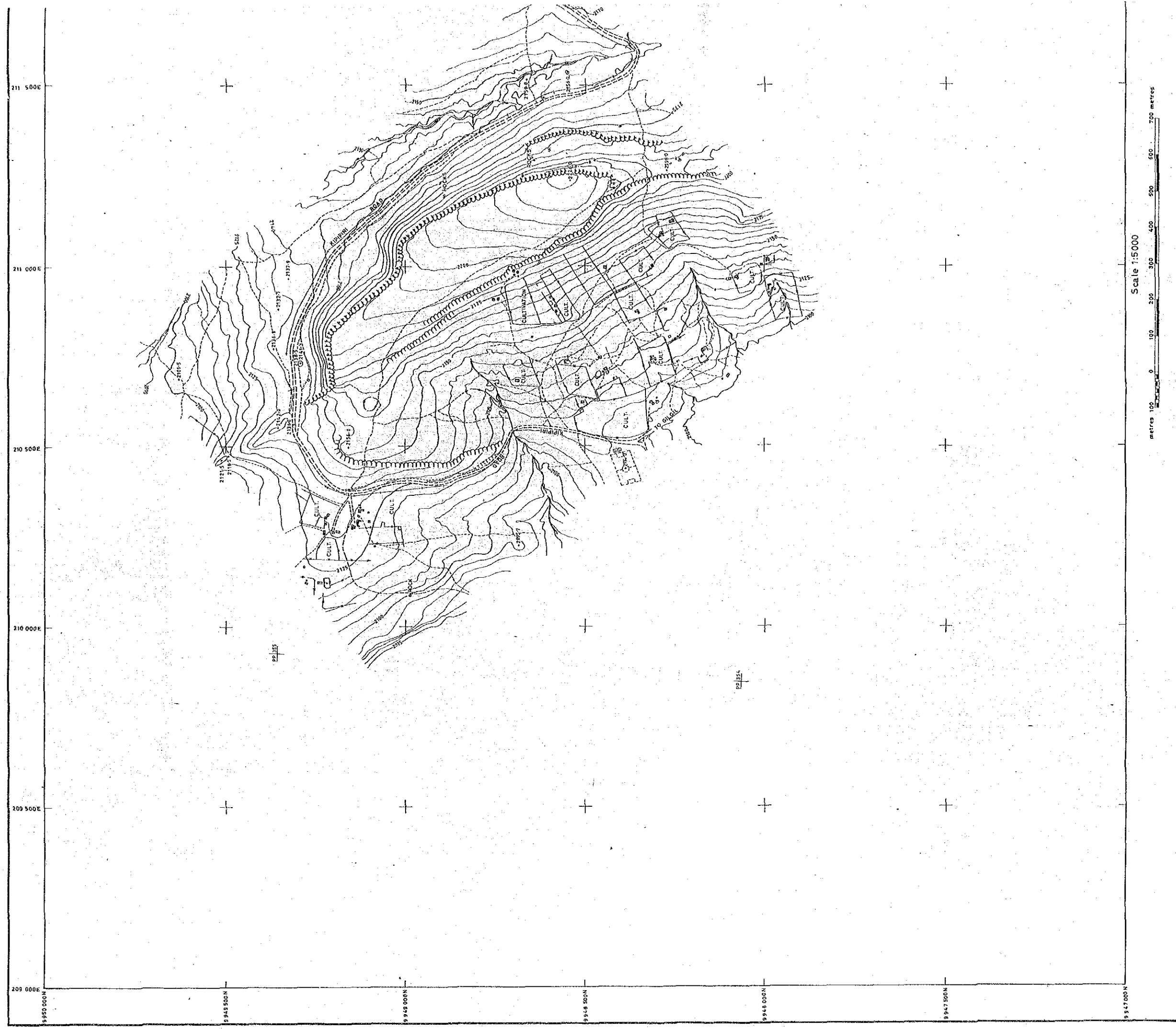
MAP HISTORY

GROUND CONTROL AND PHOTOGRAMMETRIC COMPILATION
 UNDERTAKEN BY PHOTOAP IKS LTD. FOR JAPAN
 INTERNATIONAL COOPERATION AGENCY, FROM AERIAL
 PHOTOGRAPHY UNDERTAKEN IN 1974.

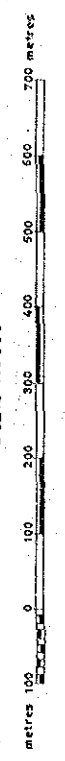
Scale 1:5000



JAPAN INTERNATIONAL COOPERATION AGENCY



Scale 1:5000



211 500E
211 000E
210 500E
210 000E
209 500E
209 000E

9 950 000N
9 948 500N
9 947 000N
9 945 500N
9 944 000N
9 942 500N
9 941 000N

EAST ROAD BORROW AREA

Scale 1:5000

LEGEND

- Temac Road
- Murum Road
- Railway Line
- Honorable Track
- Footpath
- Houses, Huts
- Fence, Hedge
- Cultivation
- Quarry
- Cutting, Embankment
- Bridge
- Box culvert, Pipe culvert
- Revetment
- Sluice
- Wargate (Pisc gate)
- Rocks
- Practice Land slide
- Cliffs
- Pond
- Rivers and streams
- Indefinite streams
- Forest, Trees
- Traverse point, Principal point
- Spot height
- Contours V.L. 2m. Index 5m.
- Form Lines

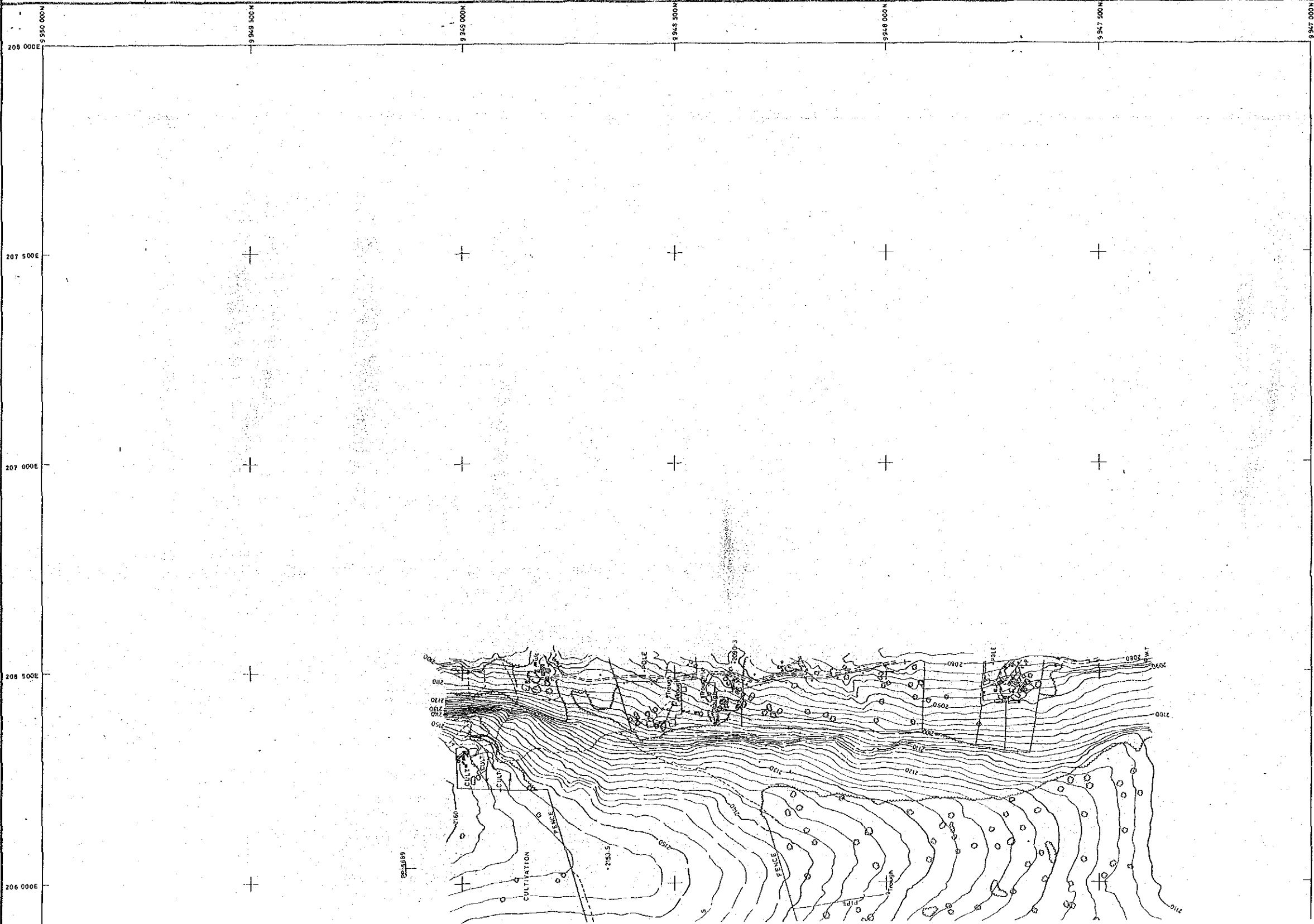
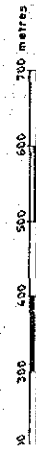
GRID INFORMATION

UTM ZONE 37

MAP HISTORY

GROUND CONTROL AND PHOTOGRAMMETRIC COMPILATION
 UNDERTAKEN BY PHOTOGRAPHIC LTD. FOR JAPAN
 INTERNATIONAL COOPERATION AGENCY, FROM AERIAL
 PHOTOGRAPHY UNDERTAKEN IN 1976 AND 1980

Scale 1:5000



JAPAN INTERNATIONAL COOPERATION AGENCY

