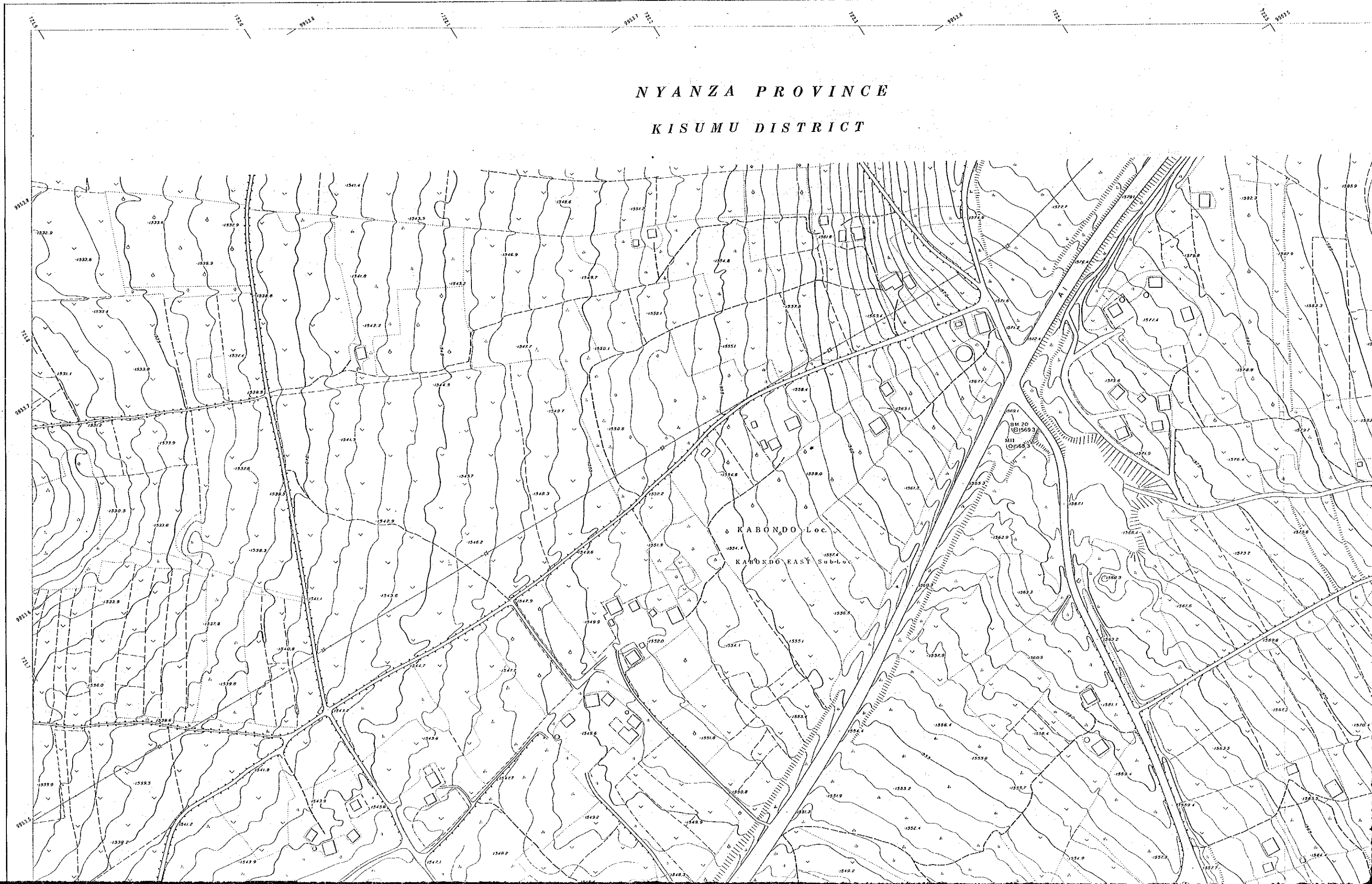
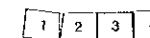


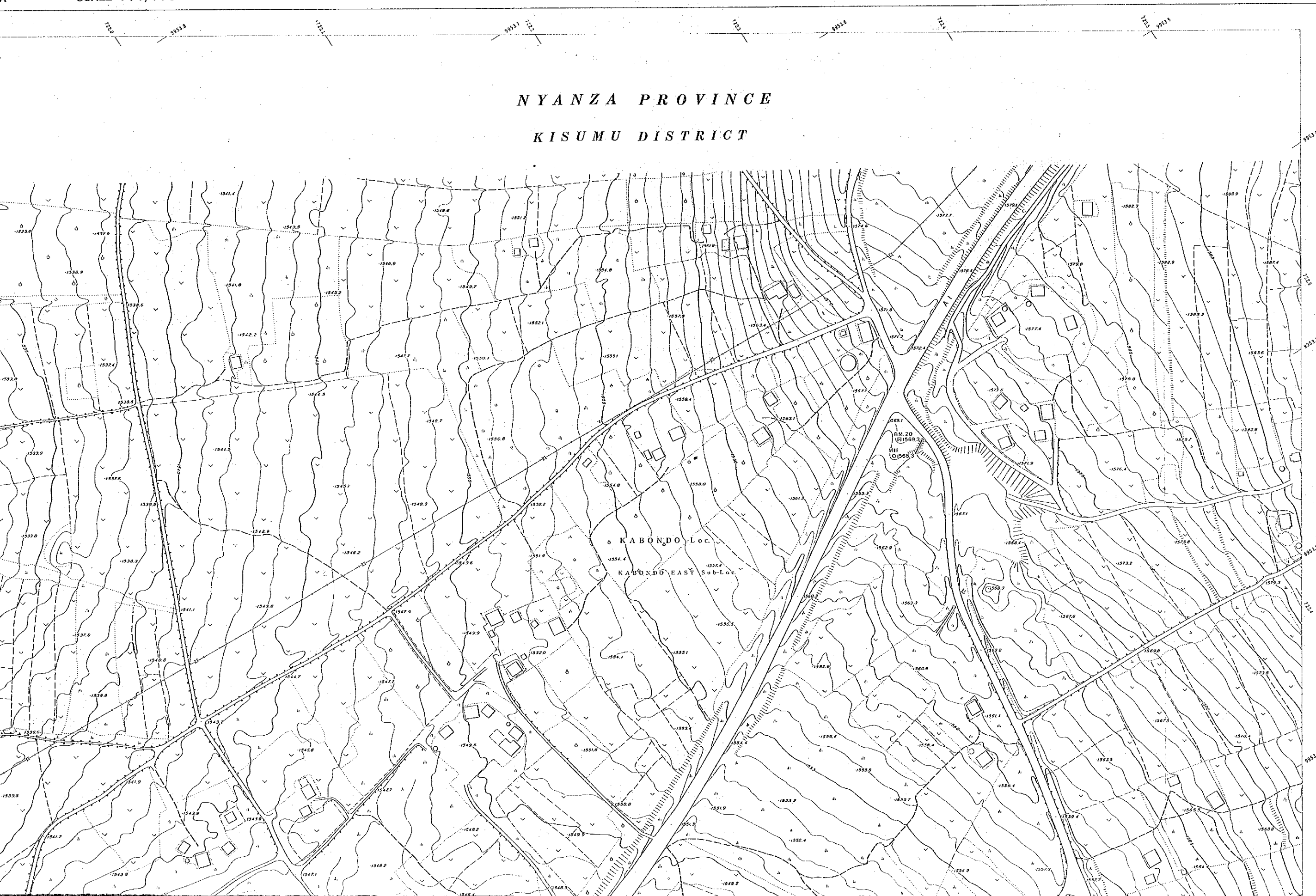
NYANZA PROVINCE

KISUMU DISTRICT





NYANZA PROVINCE  
 KISUMU DISTRICT



LEGEND

Buildings	
Mosk, Church, School	
Railway	
Road (Tarmac)	
Road (Earth Road)	
Tracks (Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Bench Mark (BM)	
Trigonometrical Station (GPS POINT)	
Minor Levelling	
Spot Height	
Sluice Gate (metal)	
Weir (drop)	
River Wall	
Water Fall, Rapids	
Step Slope	
Cut	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultivational Boundary	
Plot Boundary	
Rice Field	
Cultivated Area (Sugarcane Field)	
Cultivated Area (Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	
Location Boundary	



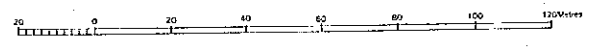


Buildings	
Monk, Church, School	
Railway	
(Tarmac)	
Road	
(Earth Road)	
Tracks	
(Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Trigonometrical Station (SK)	
Trigonometrical Station (GPS POINT)	
Bench Mark	
Minor Leveling	
Spot Height	
Shoos Gate (stake)	
Wall (dike)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Cliff	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Conventional Boundary	
Plot Boundary	
Rice Field	
(Sugarcane Field)	
Cultivated Area	
(Other Cultivated Area)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	
Location Boundary	
Sub-Location Boundary	

**GRID DATA**  
 Universal Transverse Mercator  
 Grid Zone 36  
 Projection Transverse Mercator  
 Spheroid Clark 1880 (Modified)

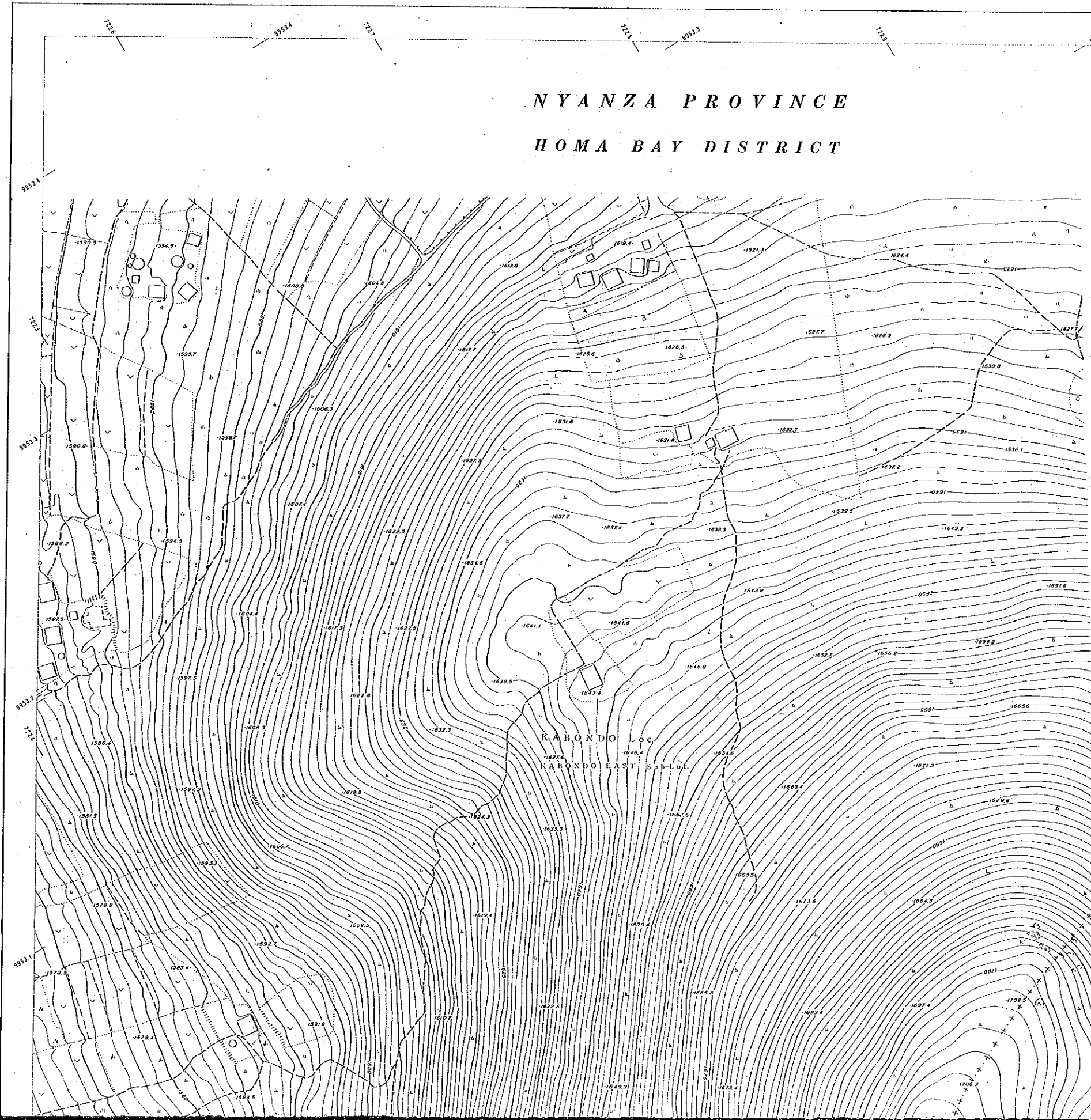
No.3

SCALE 1:1,000

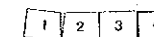
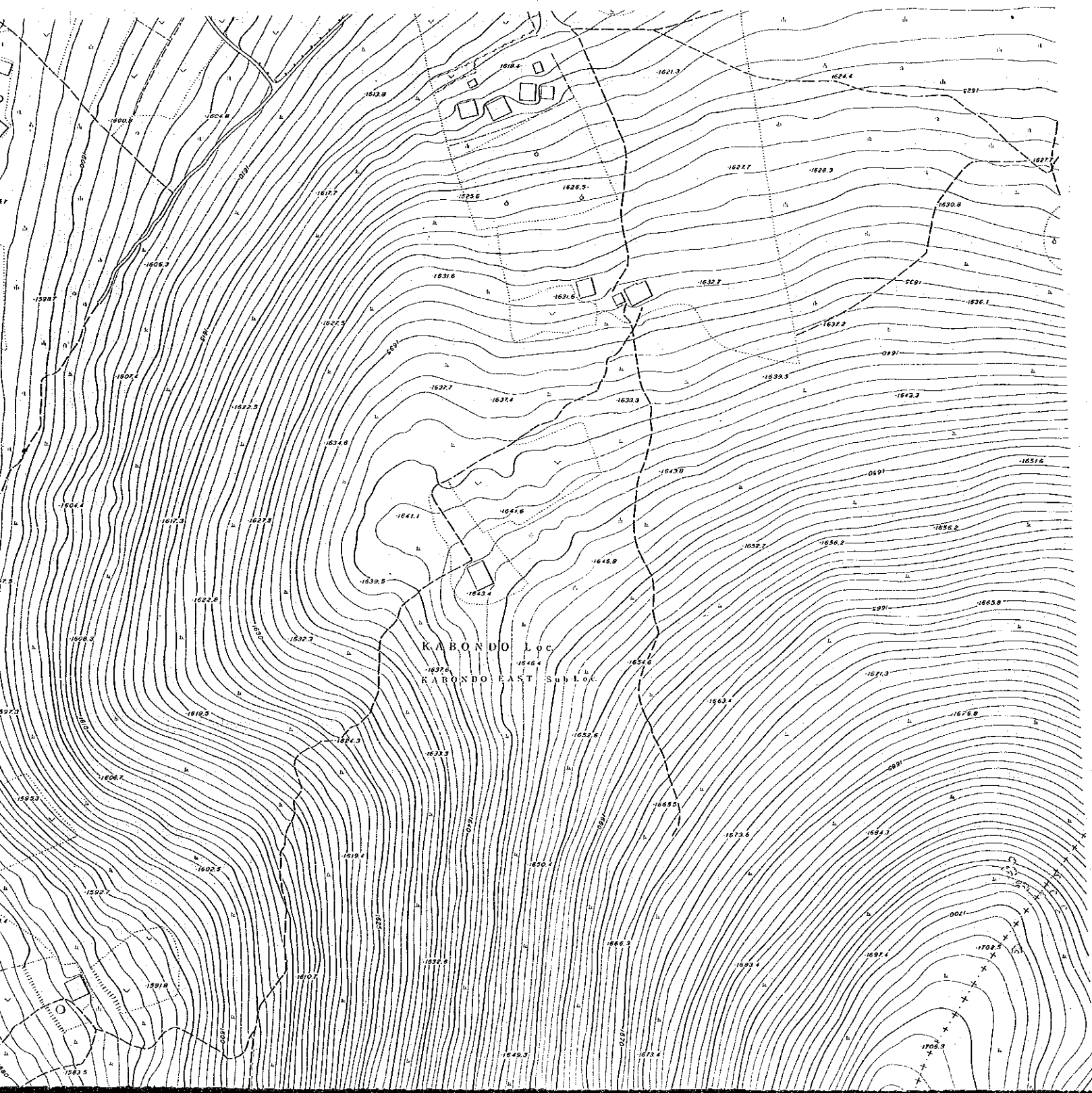


Planning Organization : Japan International Cooperation Agency (JICA)  
 Executing Organization : PASCO INTERNATIONAL INC.

NYANZA PROVINCE  
HOMA BAY DISTRICT

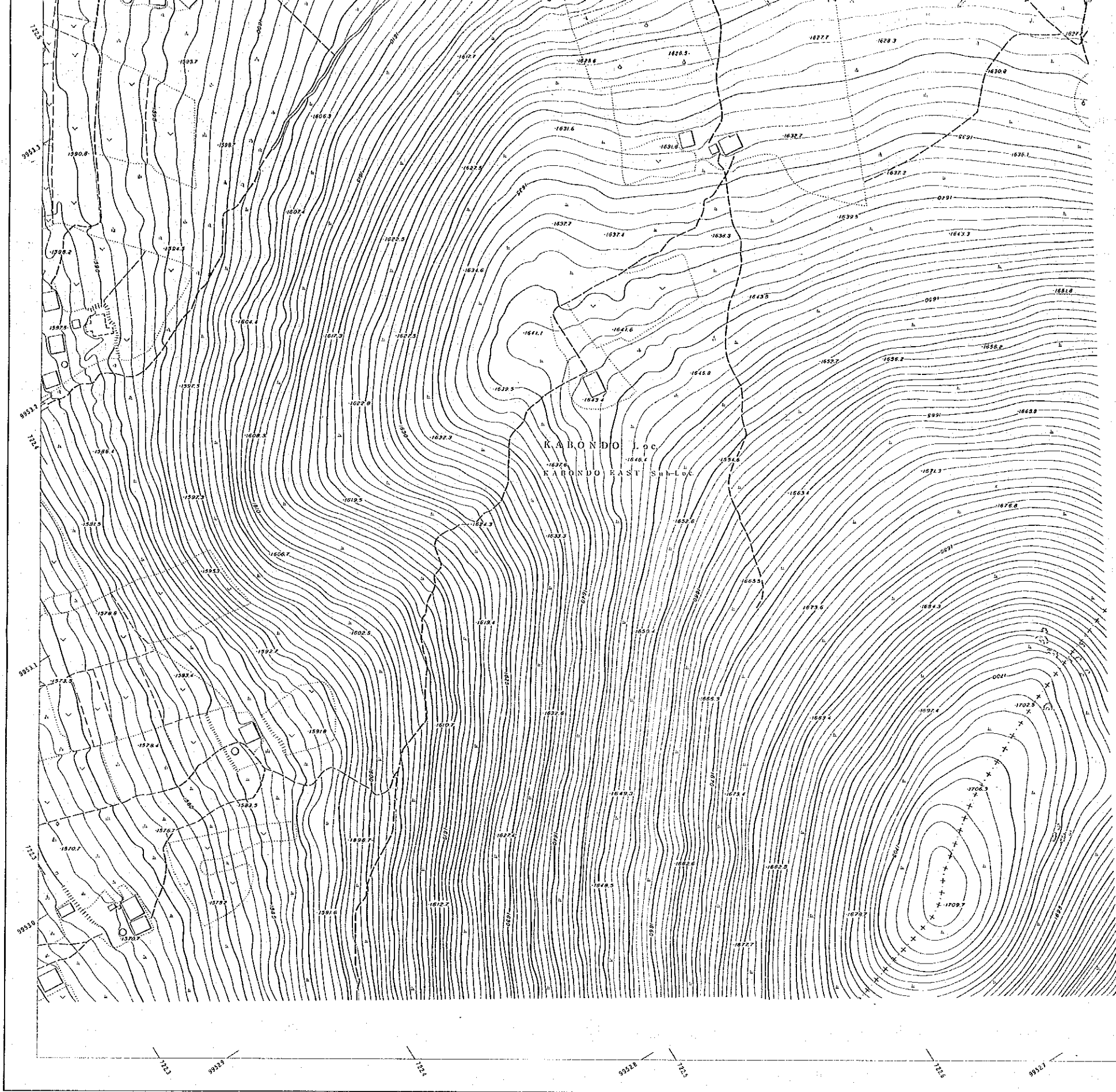


NYANZA PROVINCE  
HOMA BAY DISTRICT



LEGEND

Buildings	
Mosk, Church, School	
Railway	
(Farm) Road	
(Earth Road)	
Tracks (Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Trigonometrical Station (SK)	
Trigonometrical Station (GPS POINT)	
Bench Mark	
Minor Leveling	
Spot Height	
Splice Gate (intake)	
Weir (drop)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Cut	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultivational Boundary	
Plot Boundary	
Rice Field	
(Sugarcane Field)	
Cultivated Area (Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	
Location Boundary	



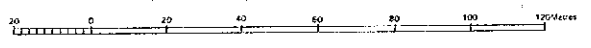
**NYAMIRA DISTRICT**

NORTH MUGIRANGO Loc.

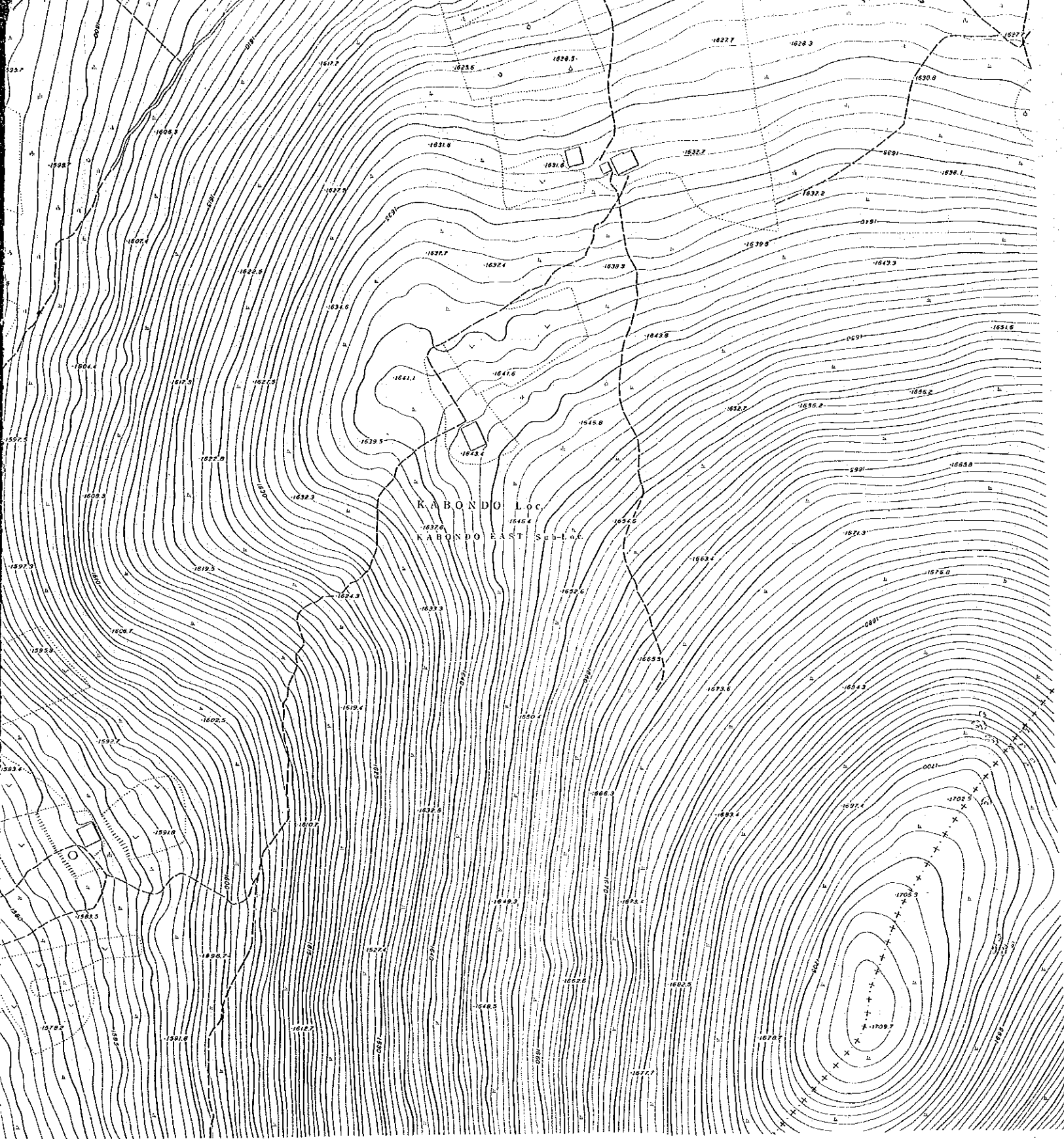
BOREIRA 1 Sub-Loc.

Aerial Photography Date : February 1990  
 Mapping Date : September 1990

SCALE 1:1,000



Planning Organization : Japan International Co-Operation Agency  
 Executing Organization : PASCO INTERNATIONAL



**NYAMIRA DISTRICT**

NORTH MUGIRANGO Loc.

BOKEIRA I Sub-Loc.

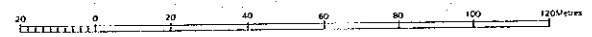
Buildings	
Mask Church, School	
Railway	
Road (Tarmac)	
Road (Earth Road)	
Tracks (Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contour	
Depression	
Trigonometrical Station (SK)	
Trigonometrical Station (GPS POINT)	
Bench Mark	
Move Limiting	
Spot Height	
Sluice Gate (Intake)	
Weir (Sag)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Clim	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultural Boundary	
Plot Boundary	
Rice Field	
(Sugarcane Field)	
Cultivated Areas (Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph (Under construction)	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	
Location Boundary	
Sub-Location Boundary	

**GRID DATA**

Universal Transverse Mercator  
 Grid Zone 36  
 Projection Transverse Mercator  
 Spheroid Clark 1880 (Modified)

No.4

SCALE 1:1,000

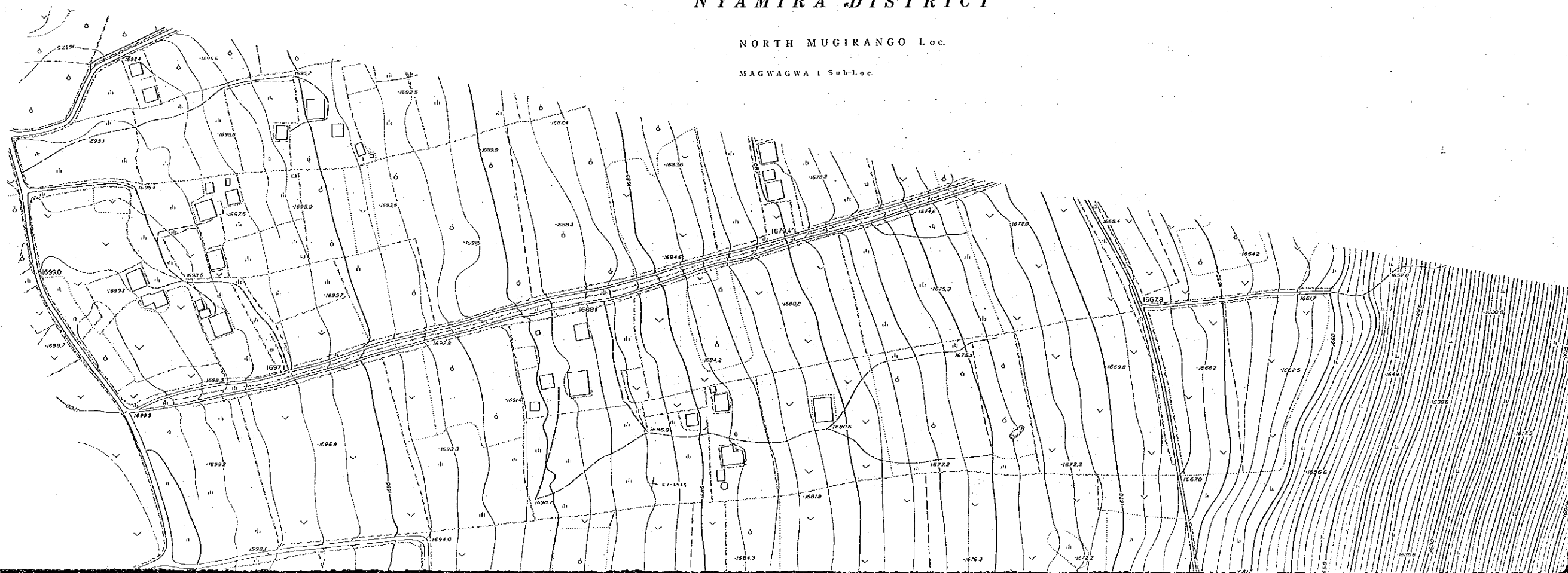


Planning Organization : Japan International Cooperation Agency (JICA)  
 Executing Organization : PASCO INTERNATIONAL INC.



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9946.1  
9946.0  
9945.9  
9945.8

NYANZA PROVINCE  
NYAMIRA DISTRICT  
NORTH MUGIRANGO Loc.  
MAGWAGWA I Sub-Loc.

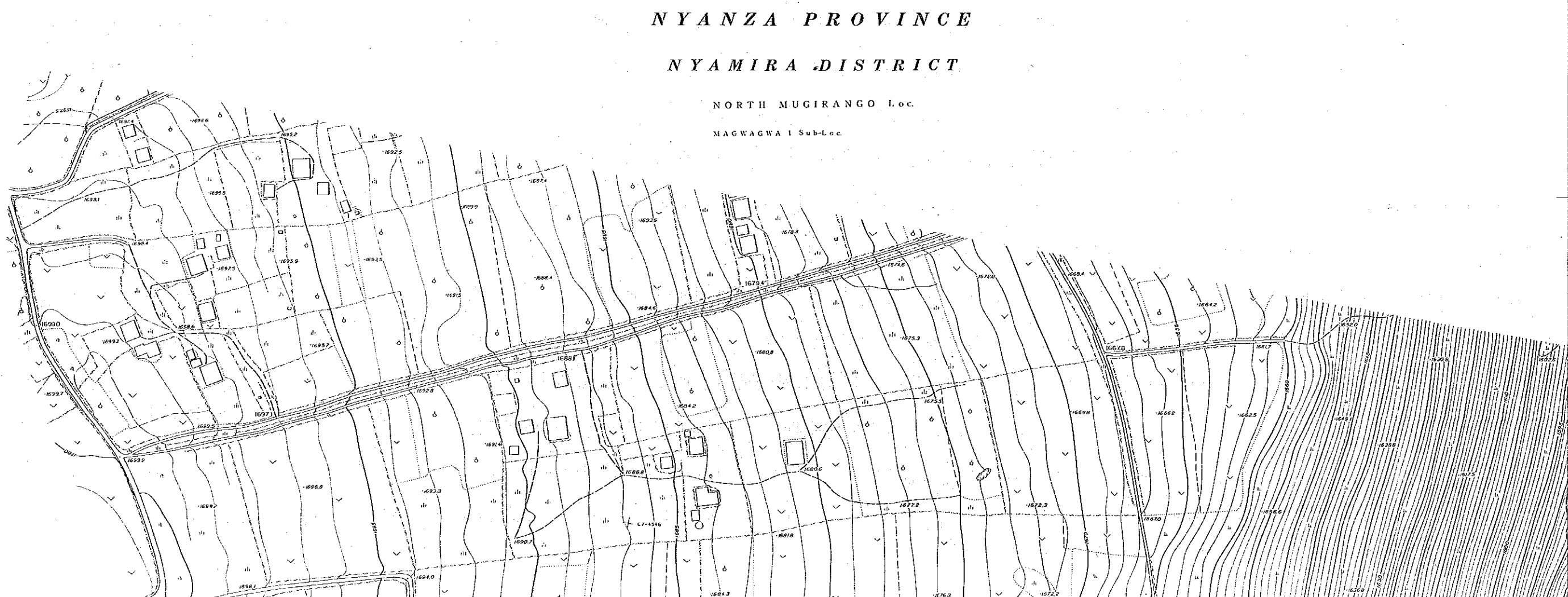


		5	6
7	8	9	10
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LEGEND

Buildings	
Mosk, Church, School	
Railway	
(Farm) Road	
(Earth Road)	
Tracks (Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Trigonometrical Station (SPS POINT)	
Bench Mark	
Minor Leveling	
Spot Height	
Sluice Gate (Lake)	
Weir (Drop)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Cliff	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultural Boundary	
Plot Boundary	
Rice Field	
(Sugarcane Field)	
Cultivated Area (Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph	
Pipe Line (Water)	
River Line	
Provincial Boundary	
District Boundary	
Division Boundary	

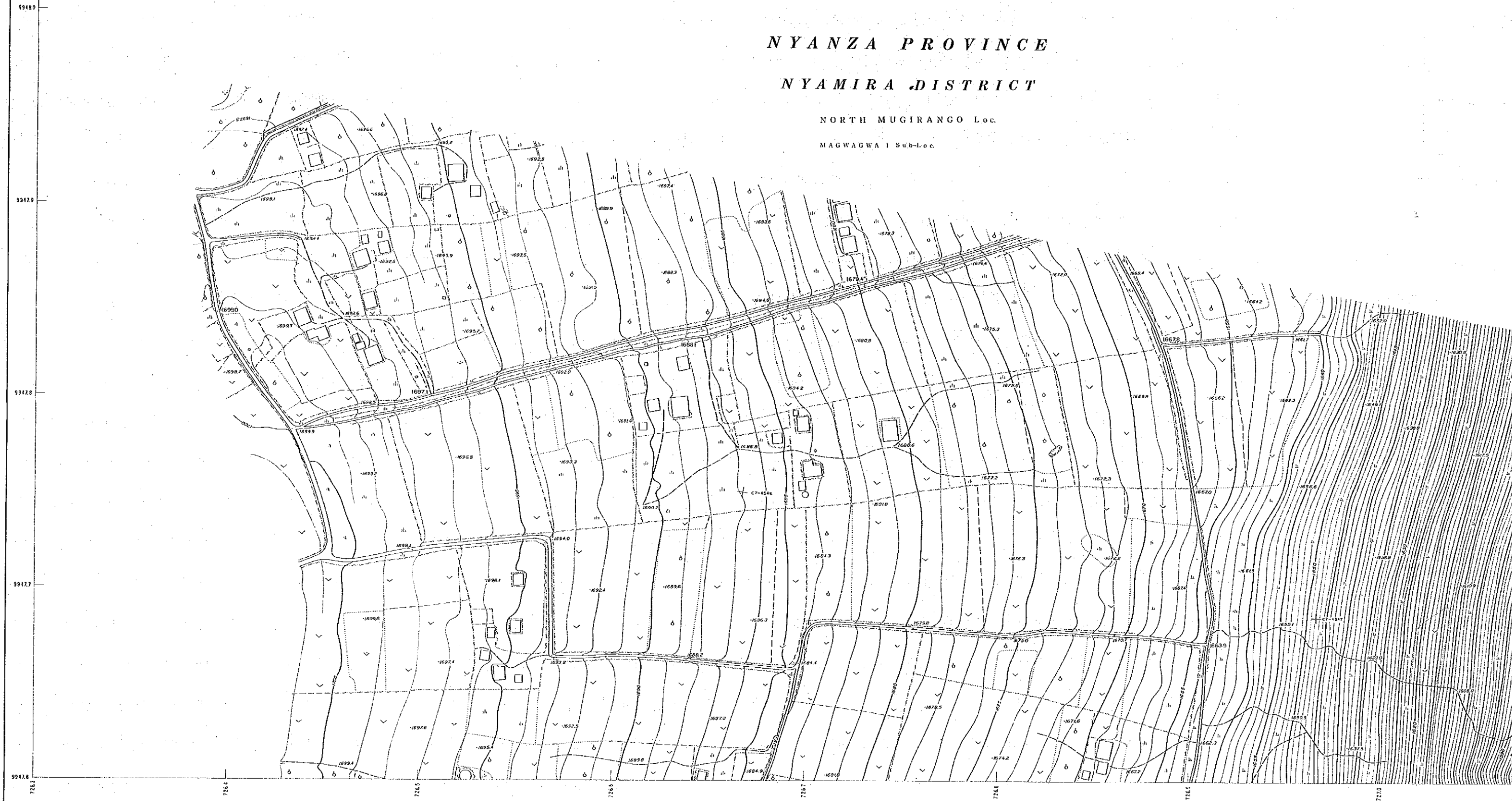


NYANZA PROVINCE

NYAMIRA DISTRICT

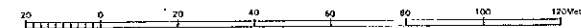
NORTH MUGIRANGO Loc.

MAGWAGWA 1 Sub-Loc.



Aerial Photography Date : February 1990  
Mapping Date : September 1990

SCALE 1:1,000



Planning Organization : Japan International  
Executing Organization : PASCO INTER

# NYANZA PROVINCE

## NYAMIRA DISTRICT

NORTH MUGIRANGO Loc.

MAGWAGWA I Sub-Loc.



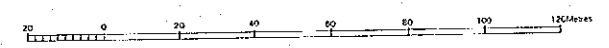
Buildings	
Mail, Church, School	
Railway	
(Tarmac)	
Road	
(Earth Road)	
Tracks	
(Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Trigonometrical Station (GPS POINT)	
Block Mark	
Minor Leveling	
Spot Height	
Splice Gate (intake)	
Weir (weir)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Cliff	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultivational Boundary	
Plot Boundary	
Rice Field	
(Sugarcane Field)	
Cultivated Area (Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	
Location Boundary	
Sub-Location Boundary	

### GRID DATA

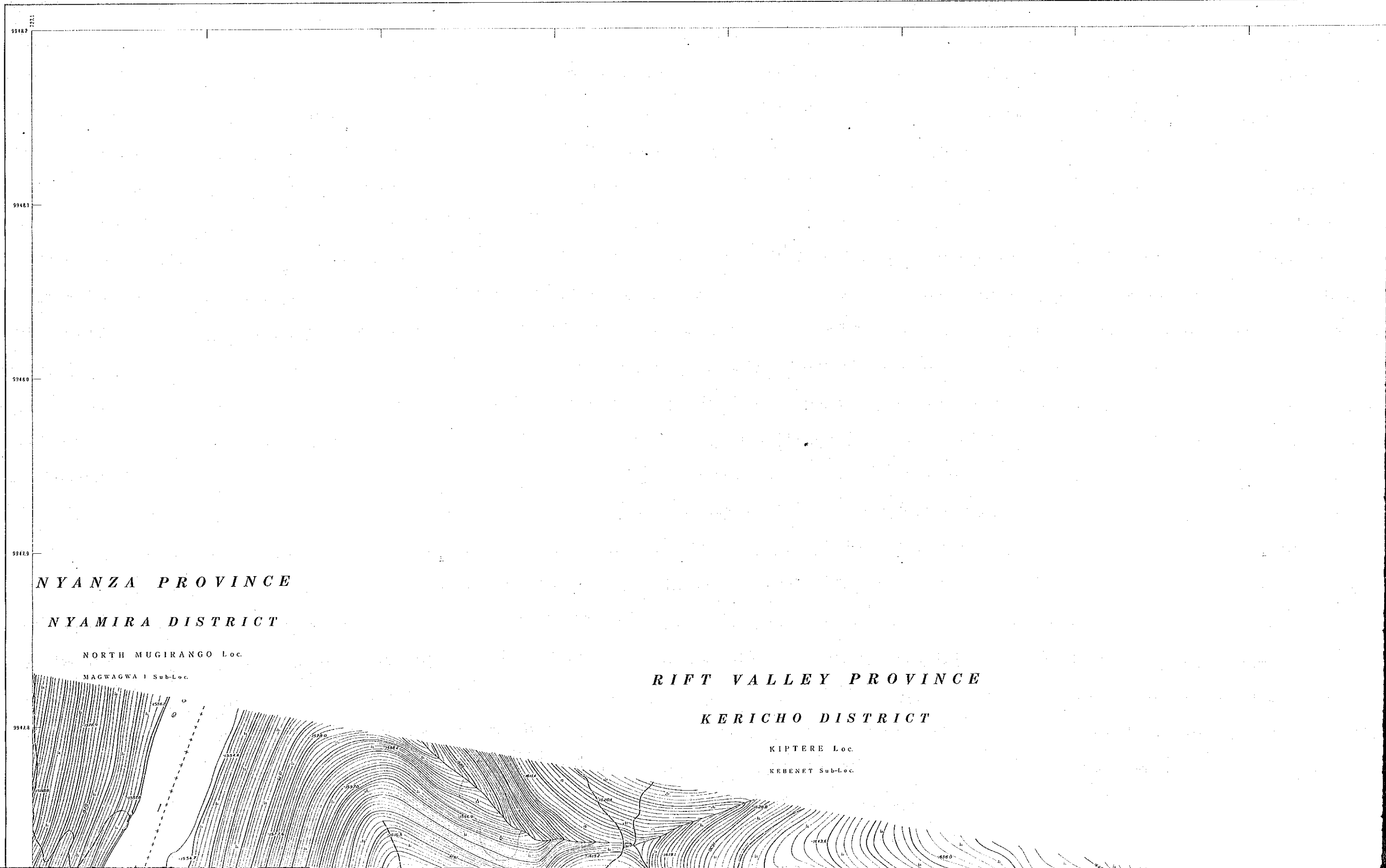
Universal Transverse Mercator  
 Grid Zone 36  
 Projection Transverse Mercator  
 Spheroid Clark 1860 (Modified)

No.5

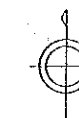
SCALE 1:1,000



Planning Organization: Japan International Cooperation Agency (JICA)  
 Executing Organization: PASCO INTERNATIONAL INC.



	7	8	9	10
5	6	7	8	9
11	12	13	14	



LEGEND

Buildings	
Mosk, Church, School	
Railway	
Road (Tarmac)	
Road (Earth Road)	
Tracks (Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Trigonometrical Station (SK)	A 1235.4
Trigonometrical Station (GPS POINT)	O 1235.4
Bench Mark	□ 1235.4
Minor Leveling	• 1235.4
Spot Height	- 1235.4
Sluice Gate (Intake)	
Weir (Drop)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Cut	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultivational Boundary	
Prot. Boundary	
Rice Field (Sugarcane Field)	
Cultivated Area (Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph (Point)	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	

PROVINCE  
 A DISTRICT

MUGIRANGO Loc.

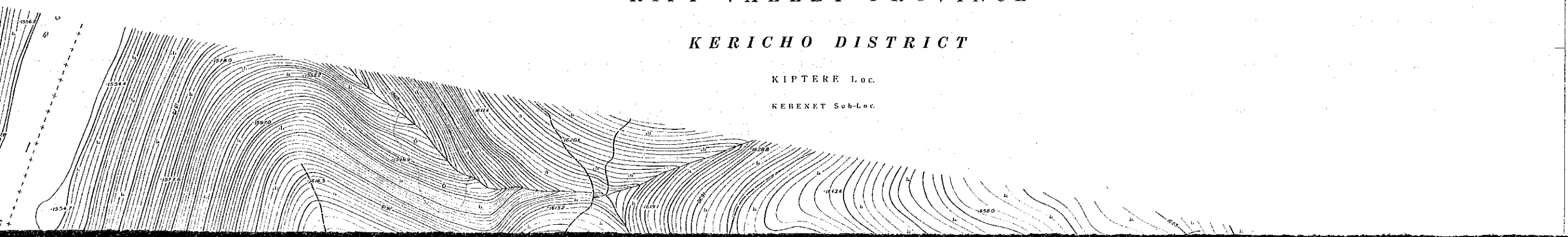
Sub-Loc.

RIFT VALLEY PROVINCE

KERICHO DISTRICT

KIPTERE Loc.

KEBENET Sub-Loc.



92480  
92473  
92470  
92476  
92472  
92476

**NYANZA PROVINCE**

**NYAMIRA DISTRICT**

NORTH MUGIRANGO Loc.

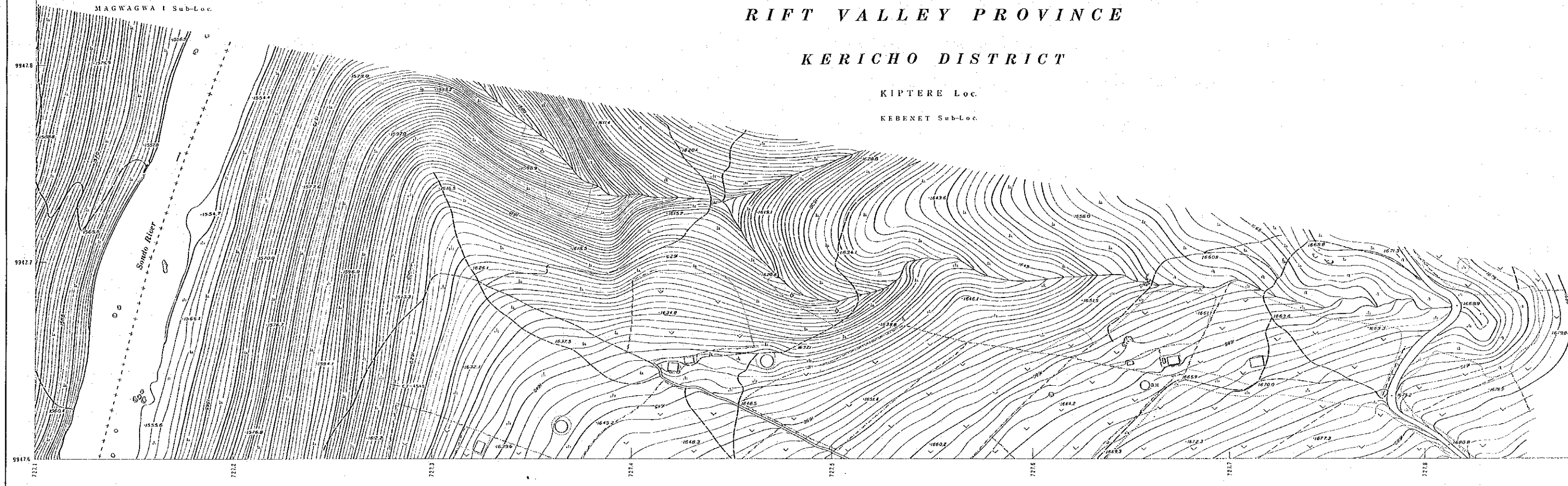
MAGWAGWA I Sub-Loc.

**RIFT VALLEY PROVINCE**

**KERICHO DISTRICT**

KIPTERE Loc.

KEBENET Sub-Loc.



Aerial Photography Date : February 1990  
Mapping Date : September 1990

SCALE 1:1,000



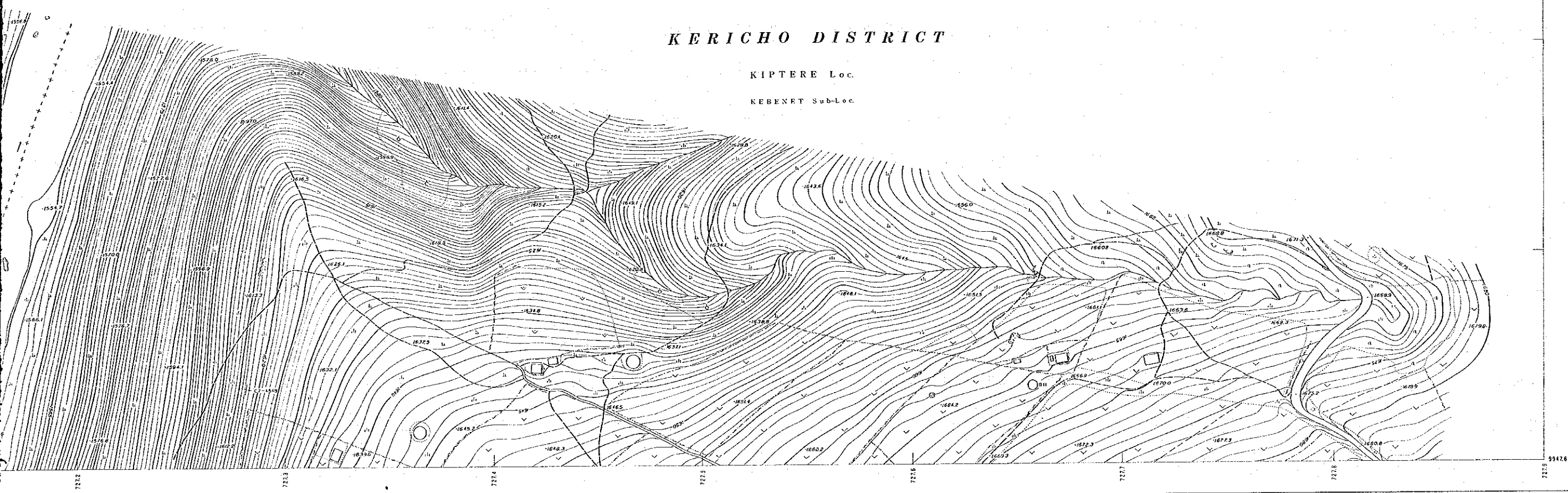
Planning Organization : Japan International Co-Operation Agency  
Executing Organization : PASCO INTERNATIONAL

PROVINCE  
DISTRICT

UGIRANGO Loc.  
Sub-Loc.

RIFT VALLEY PROVINCE  
KERICHO DISTRICT

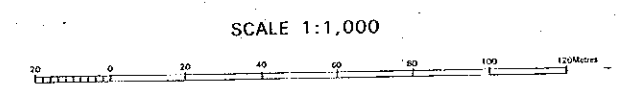
KIPTERE Loc.  
KEBENET Sub-Loc.



Buildings	
Mosk, Church, School	
Railway	
(Tarmac)	
Road (Earth Road)	
Tracks (Foot Paths and Other Tracks)	
Row of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Trigonometrical Station (SK)	
Trigonometrical Station (GPS POINT)	
Bench Mark	
Minor Leveling	
Spot Height	
Sluice Gate (Gataka)	
Weir (Skop)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Cliff	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultivational Boundary	
Fruit Boundary	
Rice Field (Sugarcane Field)	
Cultivated Areas (Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	
Location Boundary	
Sub-Location Boundary	

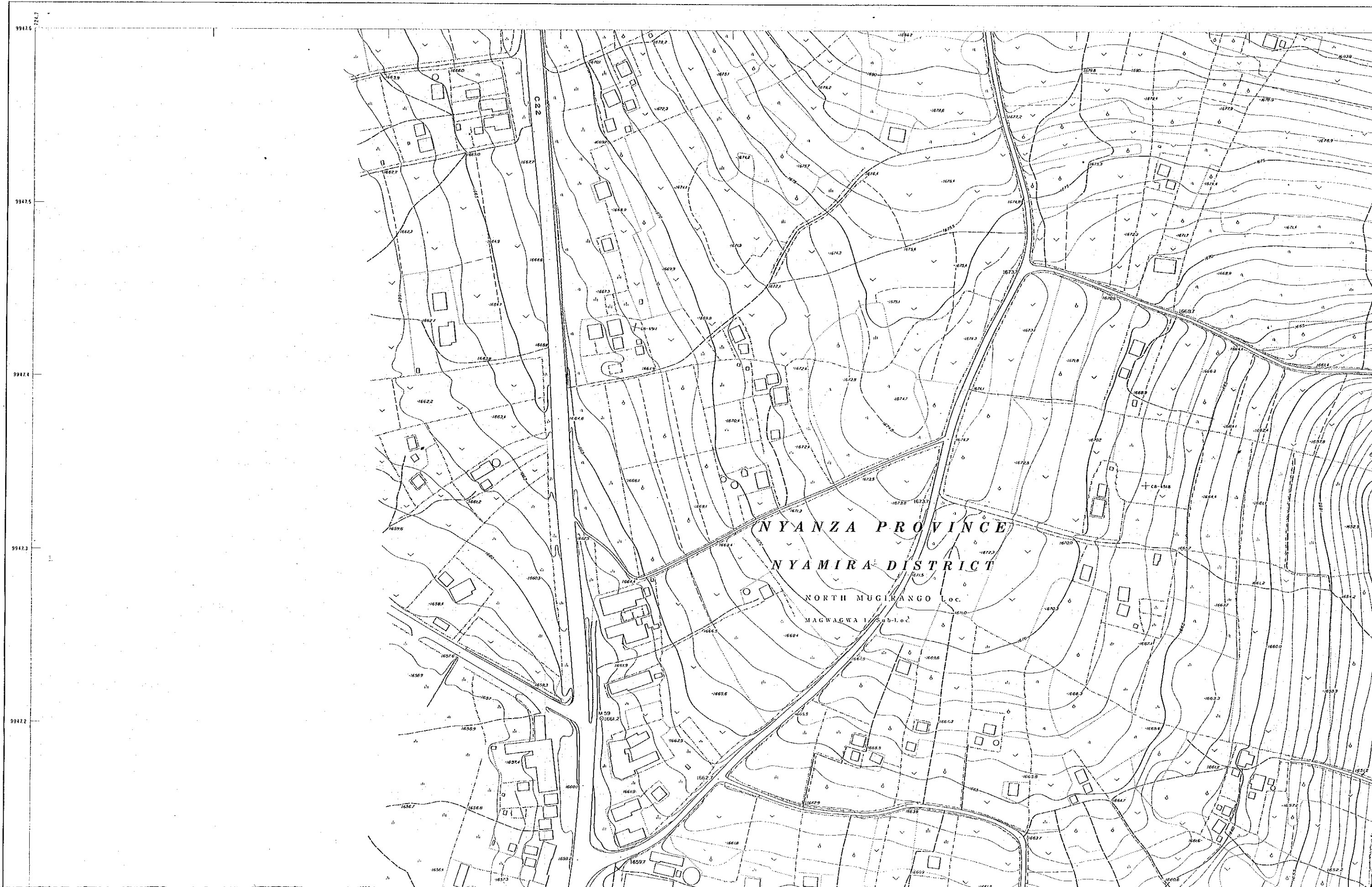
**GRID DATA**  
 Universal Transverse Mercator  
 Grid Zone 36  
 Projection Transverse Mercator  
 Spheroid Clark 1880 (Modified)

No. 6

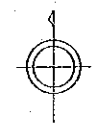


Planning Organization: Japan International Cooperation Agency (JICA)  
 Executing Organization: PASCO INTERNATIONAL INC.





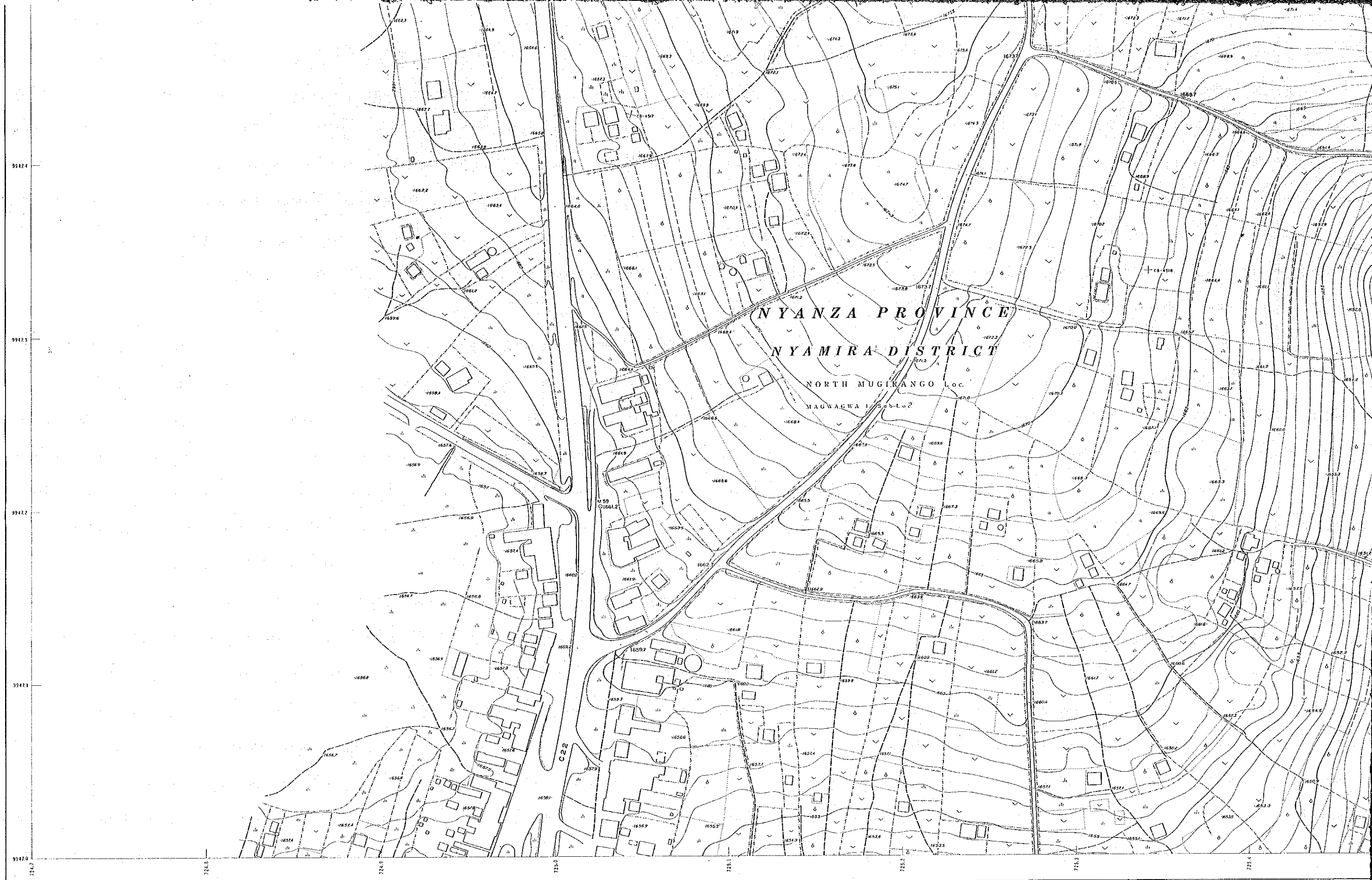
		5	6
7	8	9	10
11	12	13	14



LEGEND

- Buildings
- Mask, Church, School
- Railway
- Road (Tarmac)
- Road (Earth Road)
- Tracks (Foot Paths and Other Tracks)
- Row of Trees
- Bridge, Culvert
- River
- Irrigation Canal
- Lake or Pond
- Contours
- Depression
- Triangulation Station (S.M.)
- Triangulation Station (GPS POINT)
- Bench Mark
- Minor Leveling
- Spot Height
- Sluice Gate (Stake)
- Weir (drop)
- River Wall
- Water Fall, Rapids
- Steep Slope
- Ditch
- Outcrop (Rock)
- Cutting
- Embankment
- Fence
- Hedge
- Cultivational Boundary
- Plot Boundary
- Rice Field
- Cultivated Area (Sugarcane Field)
- Cultivated Area (Other Cultivated Areas)
- Forest (Wood Land)
- Scrub
- Scattered Trees
- Orchard
- Isolated Tree
- Seasonal Swamp
- Grassland
- Principal Point of Aerial Photograph
- Pipe Line (Water)
- Power Line
- Provincial Boundary
- District Boundary
- Division Boundary



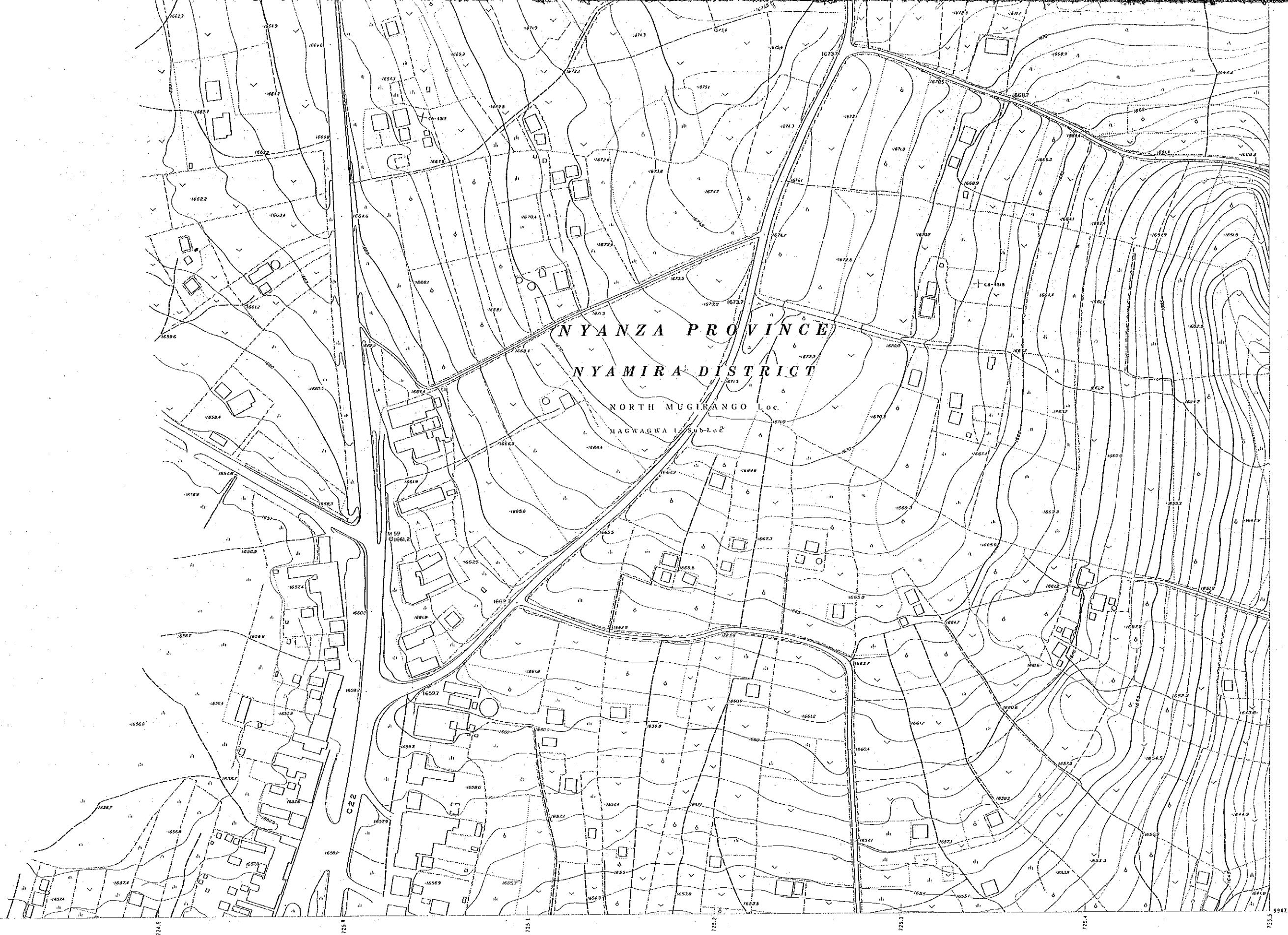


Aerial Photography Date : February 1990  
Mapping Date : September 1990

SCALE 1:1,000



Planning Organization : Japan International Cooperation Agency  
Executing Organization : PASCO INTERNATIONAL



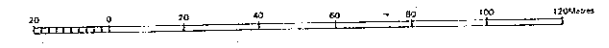
**NYANZA PROVINCE**  
**NYAMIRA DISTRICT**  
 NORTH MUGIRANGO Loc.  
 MAGWAGWA I Sub-Loc.

Buildings	
Work, Church, School	
Railway	
(Tarmac)	
Road (Earth Road)	
Trails (Foot Paths and Other Trails)	
Rise of Trees	
Bridge, Culvert	
River	
Irrigation Canal	
Lake or Pond	
Contours	
Depression	
Trigonometrical Station (GPS POINT)	
Bench Mark	
Minor Levelling	
Spot Height	
Sluice Gate (otaka)	
Weir (drop)	
River Wall	
Water Fall, Rapids	
Steep Slope	
Cliff	
Outcrop (Rock)	
Cutting	
Embankment	
Fence	
Hedge	
Cultivational Boundary	
Plot Boundary	
Rice Field	
Cultivated Areas (Sugarcane Field)	
(Other Cultivated Areas)	
Forest (Wood Land)	
Scrub	
Scattered Trees	
Orchard	
Isolated Tree	
Seasonal Swamp	
Grassland	
Principal Point of Aerial Photograph	
Pipe Line (Water)	
Power Line	
Provincial Boundary	
District Boundary	
Division Boundary	
Location Boundary	
Sub Location Boundary	

**GRID DATA**  
 Universal Transverse Mercator  
 Grid Zone 36  
 Projection Transverse Mercator  
 Spheroid Clark 1880 (Mod500)

No. 7

SCALE 1:1,000



Planning Organization : Japan International Cooperation Agency (JICA)  
 Executing Organization : PASCO INTERNATIONAL INC.