

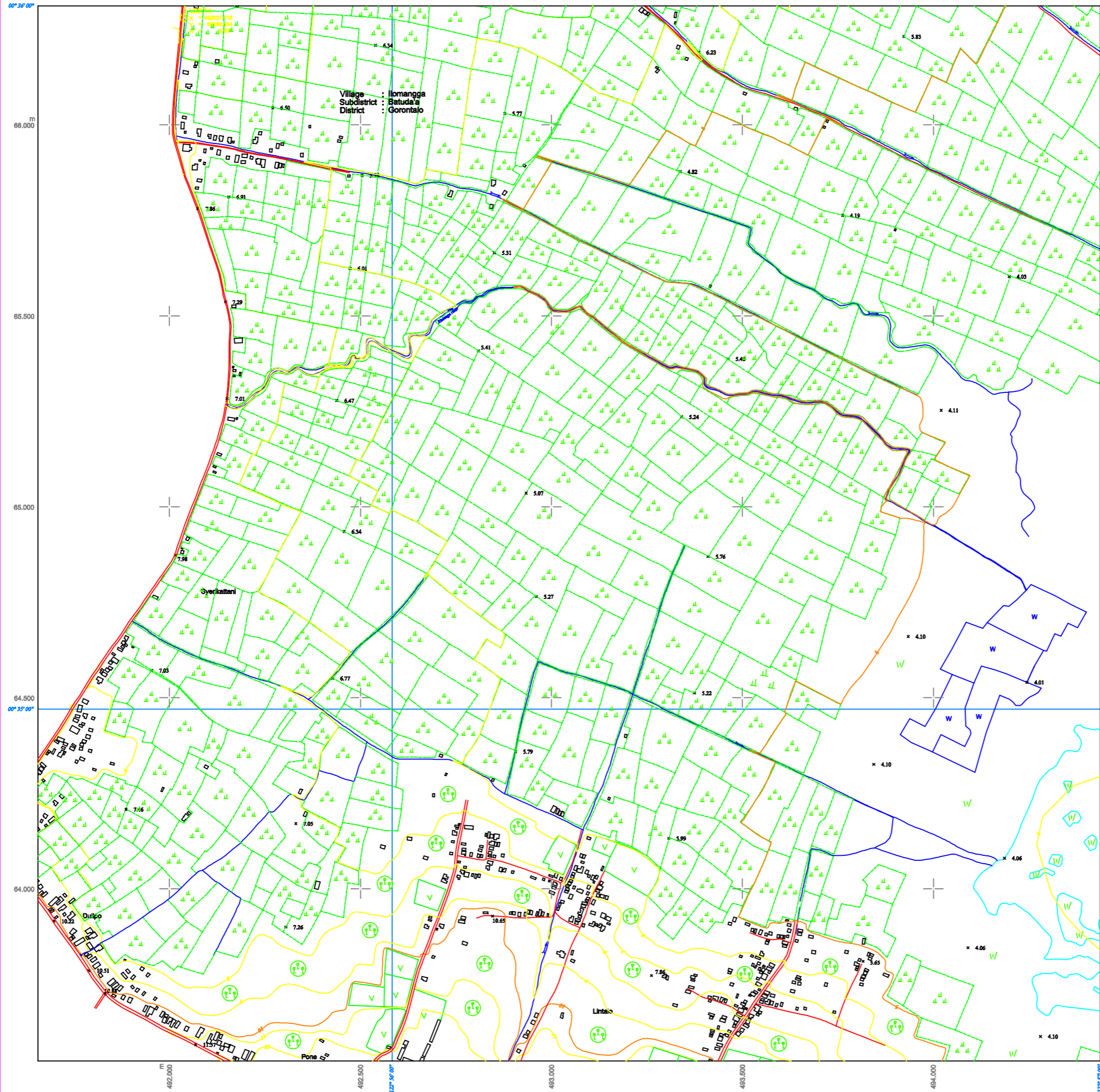
LEGEND

	Existing Triangulation Point Titik Tetap Triangulasi		Existing Power Line Jalur Tegangan Tinggi
	GCS Point Titik GCS		Cutting and Embankment Kerukan dan Timbunan
	Existing Bench Mark Bench Mark		Swamp Rawe
	Spot Height Titik Tinggi		Muslim graves Kuburan Muslim
	House / Building Bangunan		Christian cemetery Kuburan Kristen
	Factory Pabrik		Chinese graves Kuburan Cina
	Public Hall Balai Kota		Paddy field Sawah
	Police Station Kantor Polisi		Boundary of Vegetation Batas Tanaman
	Fire Station Stasiun Pemadam Kebakaran		Paddy field Sawah
	Post Office Kantor Pos		Forest Hutan
	Mosque Mesjid		Grass Rumput
	Church Gereja		Tree Pohon
	Hospital Rumah Sakit		Water hole Lubang Air
	School Sekolahan		Sluice Pintu Air
	Market Pasar		Pipe Culvert Gorong-gorong
	Telephone Office Kantor Telepon		Monuments Tugu
	Government Office Kantor Pemerintahan		Contour Line Garis Kontur
	Hotel Hotel		Pond, lake Kolam, danau
	Gasoline Pump Pompa Bensin		Sand Pasir
	Road Jalan		Land Slide Tebing
	Path Jalan Sepak		a. River / Sungai
	Bridge Jembatan		b. Rivulet / Anak Sungai
	Station		c. Direction / Arah Sungai
	Subdistrict Boundary Batas Kecamatan		
	Village Boundary Batas Kelurahan		

INDEX MAP

- Aerial Photography (1/25,000) : August 2001
 - Topographic map (1/5,000) : October 2001
 - Horizontal System : UTM (51 Zone)
 - Elevation System : MSL
 - Contour Interval : 1 m

		DIRECTORATE GENERAL OF WATER RESOURCES, MINISTRY OF SETTLEMENT AND REGIONAL INFRASTRUCTURE	
THE STUDY ON FLOOD CONTROL AND WATER MANAGEMENT IN LIMBOTO - BOLANGO - BONE BASIN			
TOPOGRAPHIC MAP : LAKE LIMBOTO			
Checked by		Approved by	
Name	PT. ATLAS DELTASATYA	Name	Isoo Itashima
Signature		Signature	
Date	October 9, 2001	Date	October 19, 2001
JICA JAPAN INTERNATIONAL COOPERATION AGENCY		PT. ATLAS DELTASATYA SHEET No. 05/17	



N

0 100 200 300 400 500 Meter

LEGEND

▲ Existing Triangulation Point Titik Tetap Triangulasi	⊕ GPS Point Titik GPS	□ Existing Bench Mark Bench Mark	⊗ Spot Height Titik Tinggi	⊠ House / Building Bangunan	Ⓜ Mosque Mesjid	Ⓢ Church Gereja	Ⓜ Hospital Rumah Sakit	Ⓜ School Sekelahan	Ⓜ Market Pasar	Ⓜ Telephone Office Kantor Telepon	Ⓜ Government Office Kantor Pemerintahan	Ⓜ Hotel Hotel	Ⓜ Gasoline Pump Pompa Bensin	Ⓜ Road Jalan	Ⓜ Path Jalan Selapak	Ⓜ Bridge Jembatan	Ⓜ Station Stasiun	Ⓜ Subdistrict Boundary Batas Kecamatan	Ⓜ Village Boundary Batas Kelurahan	Ⓜ Electric Power Line Jalur Tegangan Tinggi	Ⓜ Cutting and Embankment Kerakan dan Timbunan	Ⓜ Swamp Rawe	Ⓜ Muslim graves Kuburan Muslim	Ⓜ Christian cemetery Kuburan Kristen	Ⓜ Chinese graves Kuburan Cina	Ⓜ Paddy field Sawah	Ⓜ Boundary of Vegetation Batas Tanaman	Ⓜ Field Ladang	Ⓜ Forest Hutan	Ⓜ Grass Rumput	Ⓜ Tree Pohon	Ⓜ Water hole Lubang Air	Ⓜ Sluice Pintu Air	Ⓜ Pipe Culvert Gorong - gorong	Ⓜ Monuments Tugu	Ⓜ Contour Line Garis Kontur	Ⓜ Pond, lake Kolam, danau	Ⓜ Sand Pasir	Ⓜ Land Slide Tebing	Ⓜ a. River / Sungai	Ⓜ b. Rivulet / Anak Sungai	Ⓜ c. Direction / Arah Sungai
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**DIRECTORATE GENERAL OF WATER RESOURCES,
MINISTRY OF SETTLEMENT AND REGIONAL INFRASTRUCTURE**

**THE STUDY ON FLOOD CONTROL AND WATER MANAGEMENT
IN LIMBOTO - BOLANGO - BONE BASIN**

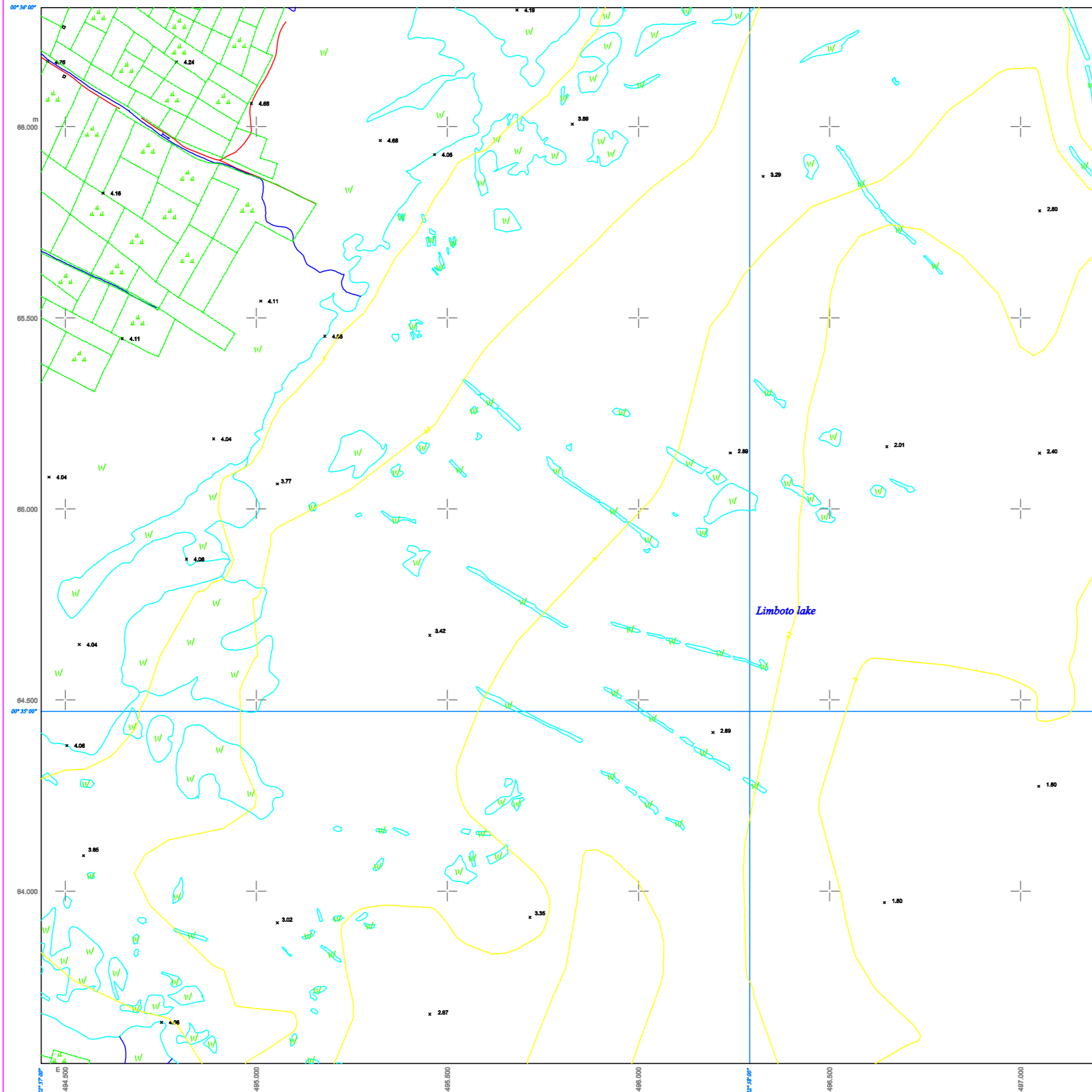
TOPOGRAPHIC MAP : LAKE LIMBOTO

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Name	PT. ATLAS DELTASATYA	Name	Isoo Iteahima
Signature		Signature	
Date	October 9, 2001	Date	October 19, 2001

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JAPAN INTERNATIONAL
COOPERATION AGENCY

PT. ATLAS DELTASATYA
JALAN ...

SHEET No.
06/17



LEGEND

△ Existing Triangulation Point Titik Tetapan Triangulasi	⚡ Electric Power Line Jalur Tegangan Tinggi
⊙ GPS Point Titik GPS	▬ Culling and Embankment Kerukan dan Timbunan
⊠ Existing Bench Mark Bench Mark	▬ Swamp Rawas
⊗ Spot Height Titik Tinggi	☪ Muslim graves Kuburan Muslim
⊠ House / Building Bangunan	✠ Christian cemetery Kuburan Kristen
⊠ Factory Pabrik	☪ Chinese graves Kuburan Cina
⊠ Public Hall Balai Kota	▬ Paddy field Sawah
⊠ Police Station Kantor Polisi	⋯ Boundary of Vegetation Batas Tanaman
⊠ Fire Station Stasiun Pemadam Kebakaran	▬ Field Ladang
⊠ Post Office Kantor Pos	⊙ Forest Hutan
⊠ Mosque Masjid	▬ Grass Rumput
⊠ Church Gereja	⊙ Tree Pohon
⊠ Hospital Rumah Sakit	⊠ Water hole Lubang Air
⊠ School Sekolahan	▬ Sillice Pintu Air
⊠ Market Pasar	▬ Pile Culvert Gorong-gorong
⊠ Telephone Office Kantor Telepon	⊠ Monuments Tugu
⊠ Government Office Kantor Pemerintahan	▬ Contour Line Garis Kontur
⊠ Hotel	▬ Pond, lake Kolam, danau
⊠ Gasoline Pump Pompa Bensin	▬ Sand Pasir
▬ Road Jalan	▬ Land Slide Tebing
▬ Path Jalan Setapak	▬ a. River / Sungai b. Rivulet / Anak Sungai c. Direction / Arah Sungai
▬ Bridge Jembatan	
▬ Station Stasiun	
▬ Subdistrict Boundary Batas Kecamatan	
▬ Village Boundary Batas Kelurahan	

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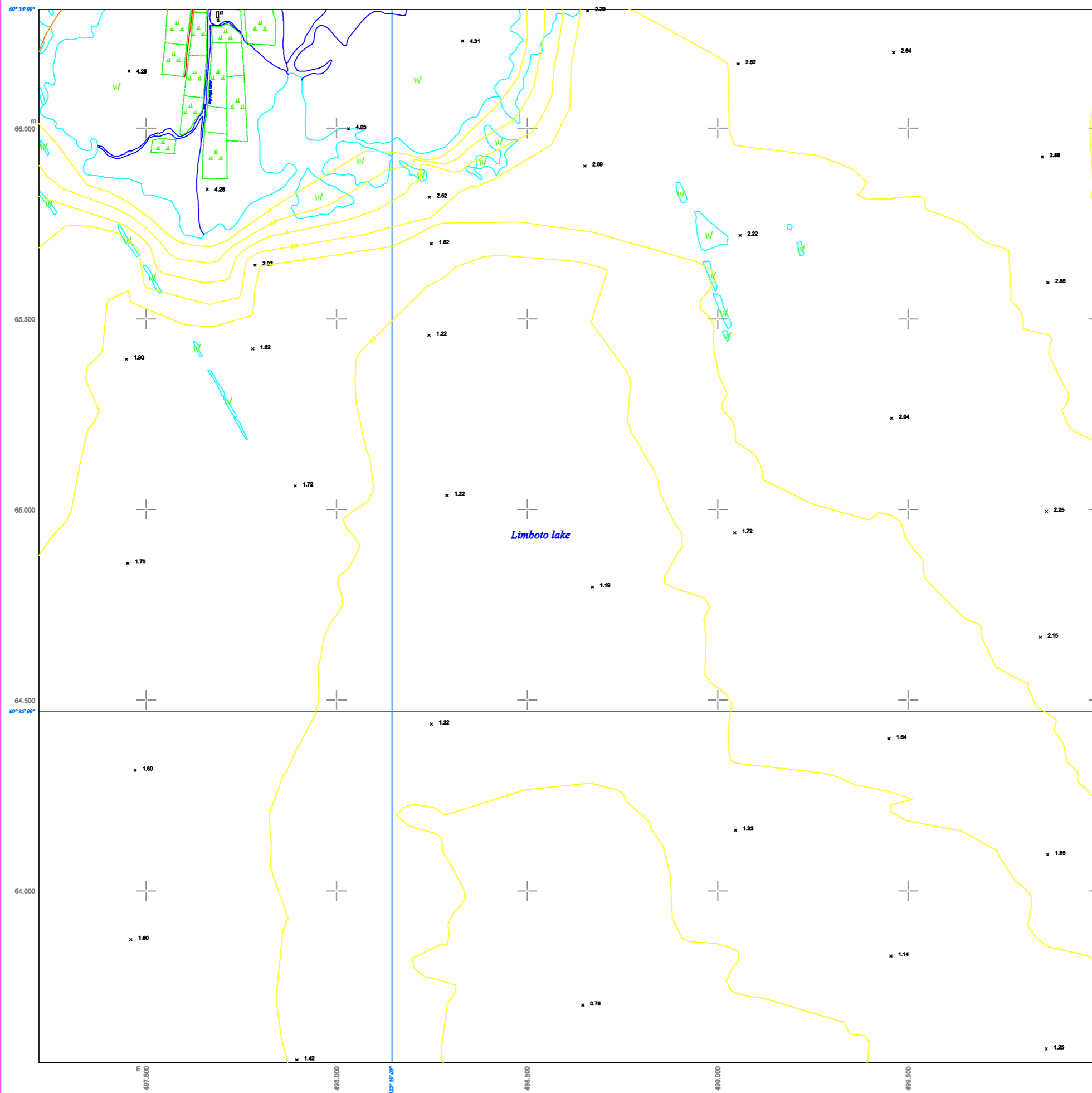
**DIRECTORATE GENERAL OF WATER RESOURCES,
MINISTRY OF SETTLEMENT AND REGIONAL INFRASTRUCTURE**

**THE STUDY ON FLOOD CONTROL AND WATER MANAGEMENT
IN LIMBOTO - BOLANGO - BONE BASIN**

TOPOGRAPHIC MAP : LAKE LIMBOTO

Checked by		Approved by	
Name	PT. ATLAS DELTASATYA	Name	Isao Beahima
Signature		Signature	
Date	October 9, 2001	Date	October 19, 2001

JICA JAPAN INTERNATIONAL COOPERATION AGENCY		SHEET No. 07/17
	PT. ATLAS DELTASATYA Jl. Raya Bontomatene - Bontomatene Kec. Bontomatene - Kota Bontomatene - Kabupaten Bontomatene - Sulawesi Selatan	



N

0 100 200 300 400 500 Meter

LEGEND

△ Existing Triangulation Point Titik Tetap Triangulasi	⊕ GPS Point Titik GPS	□ Existing Bench Mark Bench Mark	⊙ Spot Height Titik Tinggi	⊕ Muslim graves Kuburan Muslim
⊕ House / Building Bangunan	⊕ Factory Pabrik	⊕ Public Hall Balai Kota	⊕ Police Station Kantor Polisi	⊕ Fire Station Stasiun Pemadam Kebakaran
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**DIRECTORATE GENERAL OF WATER RESOURCES,
MINISTRY OF SETTLEMENT AND REGIONAL INFRASTRUCTURE**

**THE STUDY ON FLOOD CONTROL AND WATER MANAGEMENT
IN LIMBOTO - BOLANGO - BONE BASIN**

TOPOGRAPHIC MAP : LAKE LIMBOTO

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Date	October 8, 2001	Date	October 19, 2001

JICA JAPAN INTERNATIONAL
COOPERATION AGENCY

PT. ATLAS DELTASATYA
PETA DAN INFRASTRUKTUR

SHEET No.
08/17