



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

- Aerial Photography ( 1 / 25.000 )	: August 2001
- Topographic map ( 1 / 5.000 )	: July 2002
- Horizontal System	: UTM ( 51 Zone )
- Elevation System	: MSL
- Contour interval	: 1 m
- Supplemental Contour	: 0,5 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 BOLANGO RIVER**

Checked by		Approved by	
Name	PT. ATLAS DELTASATYA	Name	JICA Study Team
Signature		Signature	
Date		Date	

<p><b>JICA JAPAN INTERNATIONAL COOPERATION AGENCY</b></p>	<p><b>PT. ATLAS DELTASATYA</b></p>	SHEET No.
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