



LEGEND	
	Existing Triangulation Point
	GPS Point
	Existing Bench Mark
	Spot Height
	House / Building
	Factory
	Public Hall
	Police Station
	Fire Station
	Post Office
	Mosque
	Church
	Hospital
	School
	Market
	Telephone Office
	Government Office
	Hotel
	Gasoline Pump
	Road
	Path
	Bridge
	Station
	Subdistrict Boundary
	Village Boundary
	Electric Power Line
	Cutting and Embankment
	Swamp
	Muslim graves
	Christian cemetery
	Chinese graves
	Paddy field
	Boundary of Vegetation
	Field
	Forest
	Grass
	Tree
	Water hole
	Sluice
	Pipe Culvert
	Contour Line
	Pond, lake, etc.
	Sand
	Land Slide
	a. River / Sungai
	b. Rivulet / Anak Sungai
	c. Direction / Arah Sungai

- 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
Signature	JICA Study Team
Date	

SHEET No.	3 / 4