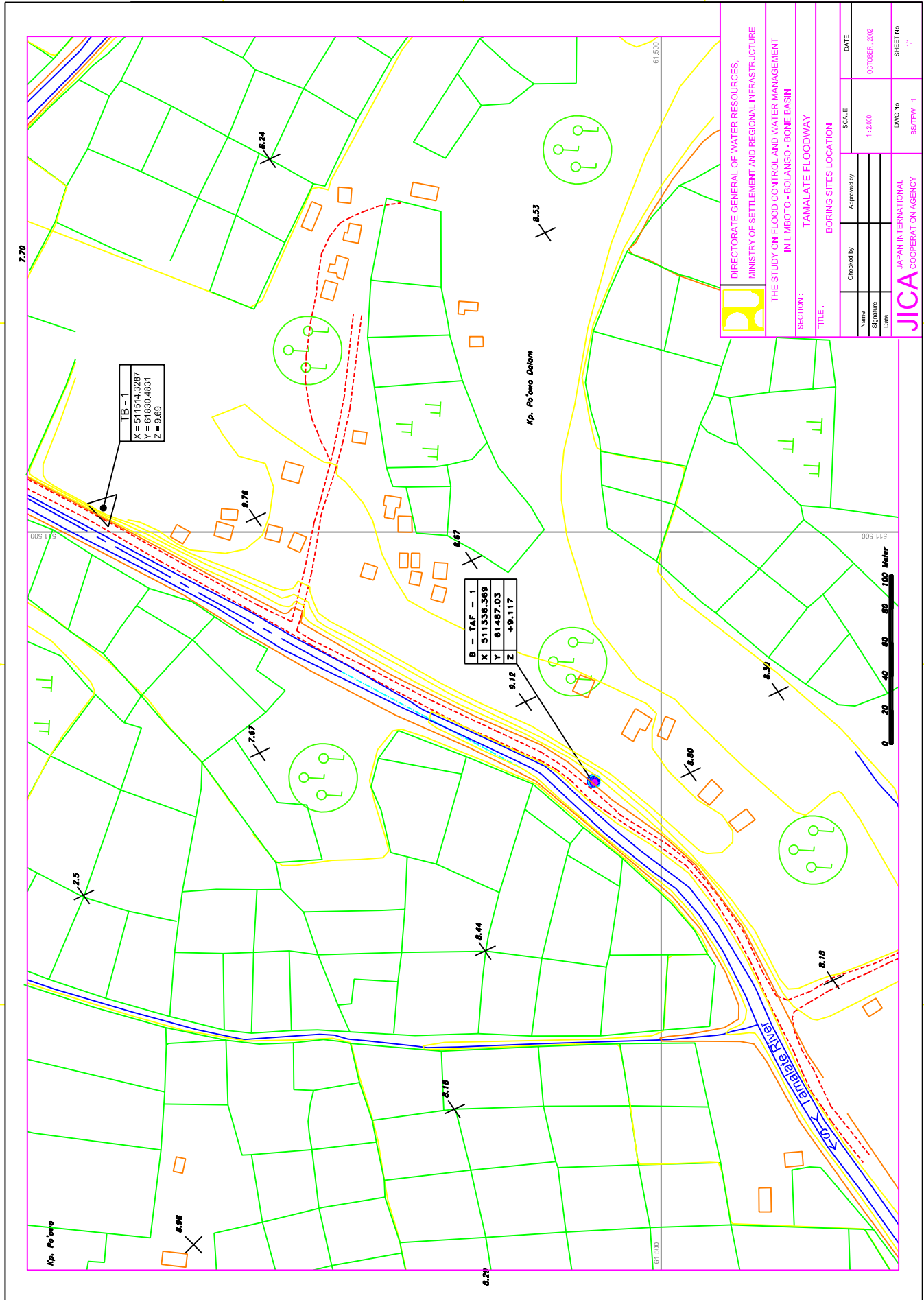


BOTTOM OF HOLE

DRILL LOG				HOLE NO. : B - SLC - 2				SHEET NO. 1 OF 1											
PROJECT		THE STUDY FLOOD CONTROL AND WATER MANAGEMENT IN L B B				DEPTH : 15.00 M		ELEVATION : + 3.591 M											
SITE		DONGGALA VILLAGE		COORDINATE		X : 123° 03.118'		INCLINATION : 90°		DRILLING : YBM YSO - 01									
AVERAGE CORE RECOVERY: 100%				Y : 00° 32.048'				DRILLED : TALLI		LOGGED : DWI HARSO									
GROUND WATER LEVEL : 2.20 M				DATE : AUGUSTUS 03 TO AUGUSTUS 05'02				DIA. MAX : 73 MM		CHECKED : Ir. DAVE M									
DATE	DEPTH (M)	ELEVATION (M)	COLOUM SECTION	SOIL, ROCK TYPE	COLOR	DIP OF FAULT, JOINT, BEDDING GEOLOGICAL BOUNDARY	DESCRIPTION	CORE RECOVERY (%)	R. Q. D. (%)	SHEARING BY FAULT	WEATHERING CONDITION	CLASSIFICATION		STANDARD PENETRATION TEST		GROUND WATER LEVEL	CORE BARREL BIT CASING	WATER SPRING OBSERVABLE WATER LOSS	
												HARDNESS	CONDITION OF JOINT PLANE	(N - Value)					
AUGUSTUS 05'2002	0.00 - 1.30	+2.291		ALLUVIUM	BLACK		(0.00 - 1.30) m Top soil, SILT, black, low plastic, contain of roots plant remains and shell.	100											
AUGUSTUS 04'2002	1.30 - 15.00			ALLUVIUM	WHITISH BROWN		(1.30 - 15.00) m Clayey Gravelly SAND, whitish brown, fine to medium sand, well graded gravelly, max. size 20 cm, sub angular to sub rounded, medium dense to very dense, low plastic, wet.												
AUGUSTUS 03'2002	15.00	-11.41																	
BOTTOM OF HOLE																			



TB - 1
 X = 511514.3287
 Y = 61430.4831
 Z = 9.69

B - TAF - 1
 X 511336.369
 Y 61487.03
 Z +9.117

JICA
 COOPERATION AGENCY

Checked by: _____ Approved by: _____
 Name: _____ Signature: _____
 Date: _____

SCALE: 1:2,000
 DATE: OCTOBER, 2002

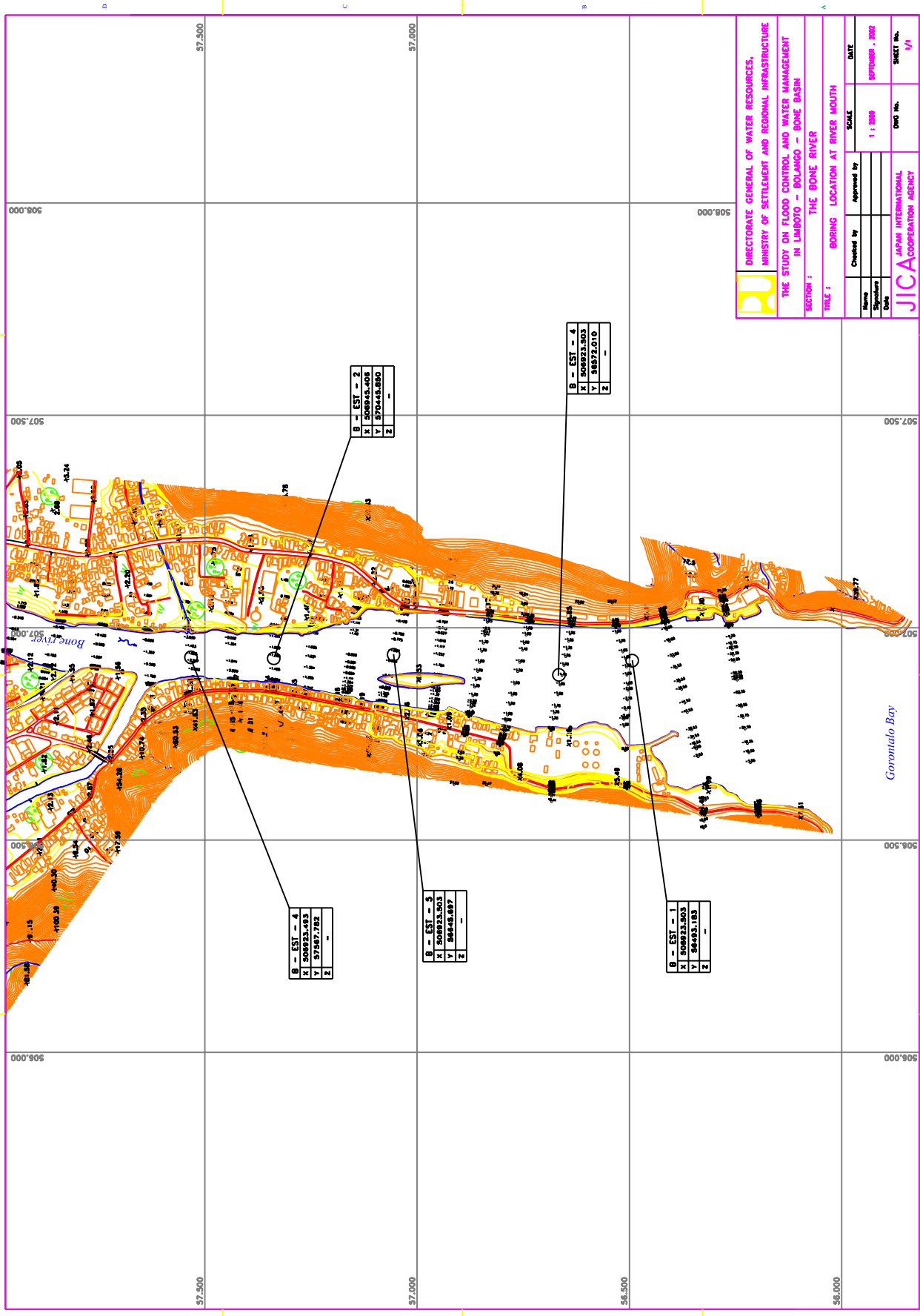
DWG No. BS/TFW-1
 SHEET No. 1/1

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

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

SECTION: TAMALATE FLOODWAY
 TITLE: BORING SITES LOCATION

DRILL LOG		HOLE NO. : B - TAF - 1				SHEET NO. 1 OF 1														
PROJECT		THE STUDY FLOOD CONTROL AND WATER MANAGEMENT IN L B B				DEPTH : 15.00 M														
SITE		POOWO VILLAGE		COORDINATE X : 123° 06.085'		ELEVATION : +9.117 M														
AVERAGE CORE RECOVERY: 100%				Y : 00° 33.357'		INCLINATION : 90°														
GROUND WATER LEVEL : 2.25 M		DATE : AUGUSTUS 01 TO AUGUSTUS 02,02		DIA. MAX : 73 MM		LOGGED : DWI HARSO														
						CHECKED : Ir. DAVE M														
DATE	DEPTH (M)	ELEVATION (M)	COLOUR SECTION	SOIL, ROCK TYPE	COLOR	DESCRIPTION	CORE RECOVERY (%)	R. Q. D. (%)	SHEARING BY FAULT	WEATHERING CONDITION	HARDNESS	CORE LENGTH AND SHARP	CONDITION OF JOINT PLANE	CLASSIFICATION OF ROCK MASS	DEPTH (M)	BLOW (CM)	STANDARD PENETRATION TEST (N - Value)	CORE BARREL BIT CASING	GROUND WATER LEVEL	WATER SPRING OBSERVABLE WATER LOSS
AUGUSTUS 01*2002	0.50	+8.617		BROWN	BROWN	(0.00 - 0.50) m Top soil,SILT, brown, stiff, contain of roots plant.									9					
	2.80	+6.631				(0.50 - 2.80) m CLAY,brown,stiff,dry,low plastic.									10					
	5.85	+2.314		GREY	GREY	(2.80 - 5.85) m Clayey SILT,greystiff to very stiff soft,moist,low plastic.									24					
	6.70	+2.314		RIVER DEPOSITE		(5.85 - 6.70) m Silty SAND,greystiff, fine sand,wet.									11					
	8.10	+2.314				(6.70 - 8.10) m Silty SAND,greystiff, fine to coarse sand,medium dense,wet.									11					
AUGUSTUS 02*2002	9.10	+2.314		BLAKISH GREY	BLAKISH GREY	(8.10 - 9.10) m CLAY,greystiff,low plastic,wet.									11					
	12.50	-5.086		GREY	GREY	(9.10 - 12.50) m CLAY,blackish grey,soft,moist, low plastic,soft,contain organic.									12					
	15.00	-9.486				(12.50 - 15.00) m Silty SAND,greystiff, fine sand,medium dense,wet									28					
BOTTOM OF HOLE																				





B - EST - 1
X 506923.503
Y 57387.782
Z -

B - EST - 2
X 506923.503
Y 57387.782
Z -

B - EST - 3
X 506923.503
Y 57387.782
Z -

B - EST - 4
X 506923.503
Y 57387.782
Z -

	DIRECTORATE GENERAL OF WATER RESOURCES, MINISTRY OF SETTLEMENT AND REGIONAL INFRASTRUCTURE	
	THE STUDY ON FLOOD CONTROL AND WATER MANAGEMENT IN LIMBOTO - BOLANGO - BONE BASIN	
SECTION : THE BONE RIVER		
TITLE : BORING LOCATION AT RIVER MOUTH		
Checked by	Approved by	SCALE
Home		1 : 2500
Signature		DATE
Date		SEPTEMBER - 2002
 JICA JAPAN INTERNATIONAL COOPERATION AGENCY		DWS No. SHEET No.
		07