



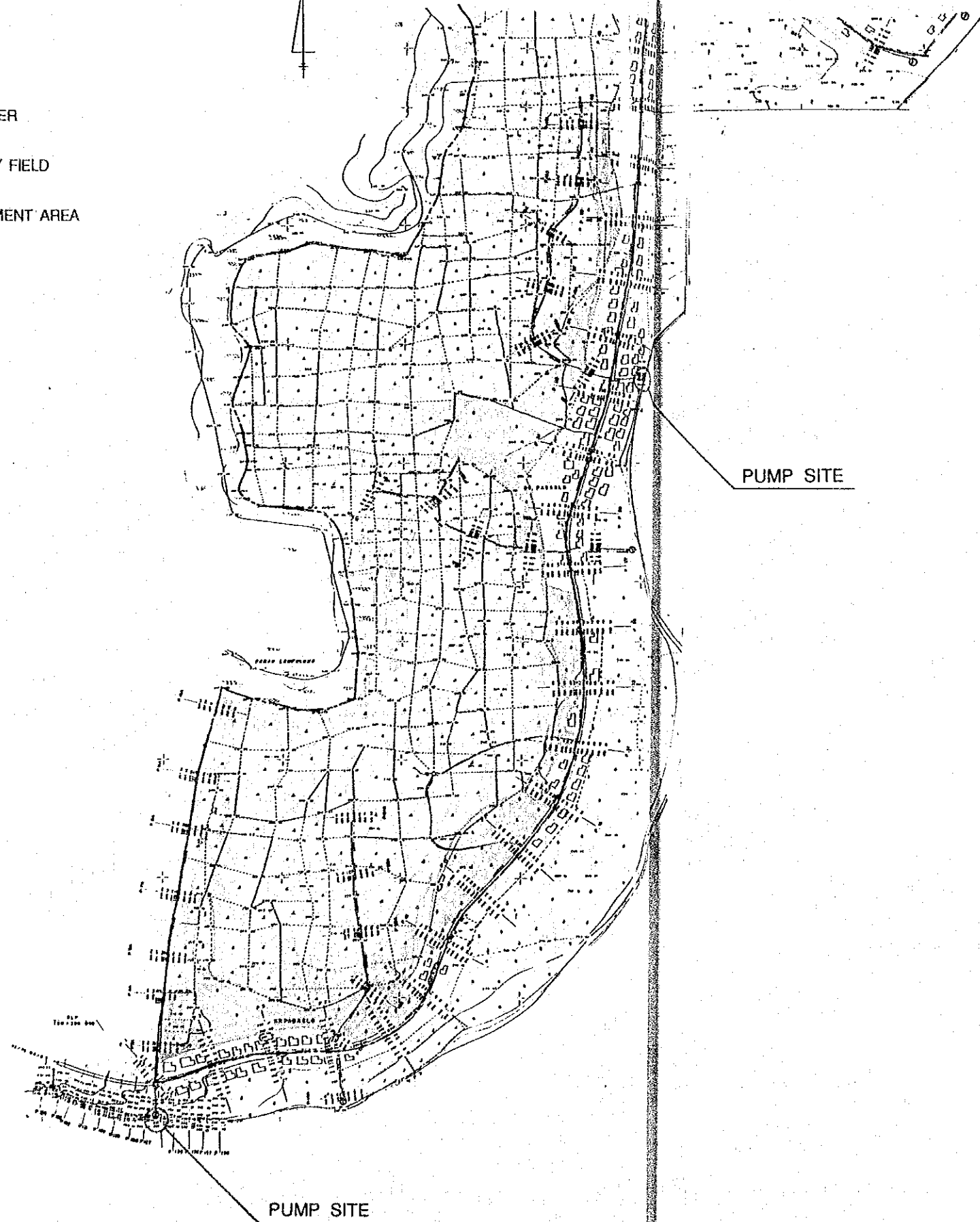


LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

















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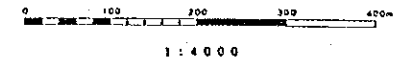
PUMP SITE

PUMP SITE

LEGEND
LEGENDA

-  Contour line
Garis ketinggian
-  School
Sekolah
-  Traverse point
Titik potong
-  Road
Jalan
-  House
Rumah
-  Mosque
Masjid
-  River
Sungai
-  Canal
Saluran
-  Flow direction
Arah aliran
-  Rice field
Rawa
-  Collect
Terang gantung
-  Coconut trees
Pohon kelapa
-  Non irrigated farming
Ladang
-  Horticulture
Tebuan
-  Mixed agriculture
Kebun campuran
-  Waterpump
Pompa air

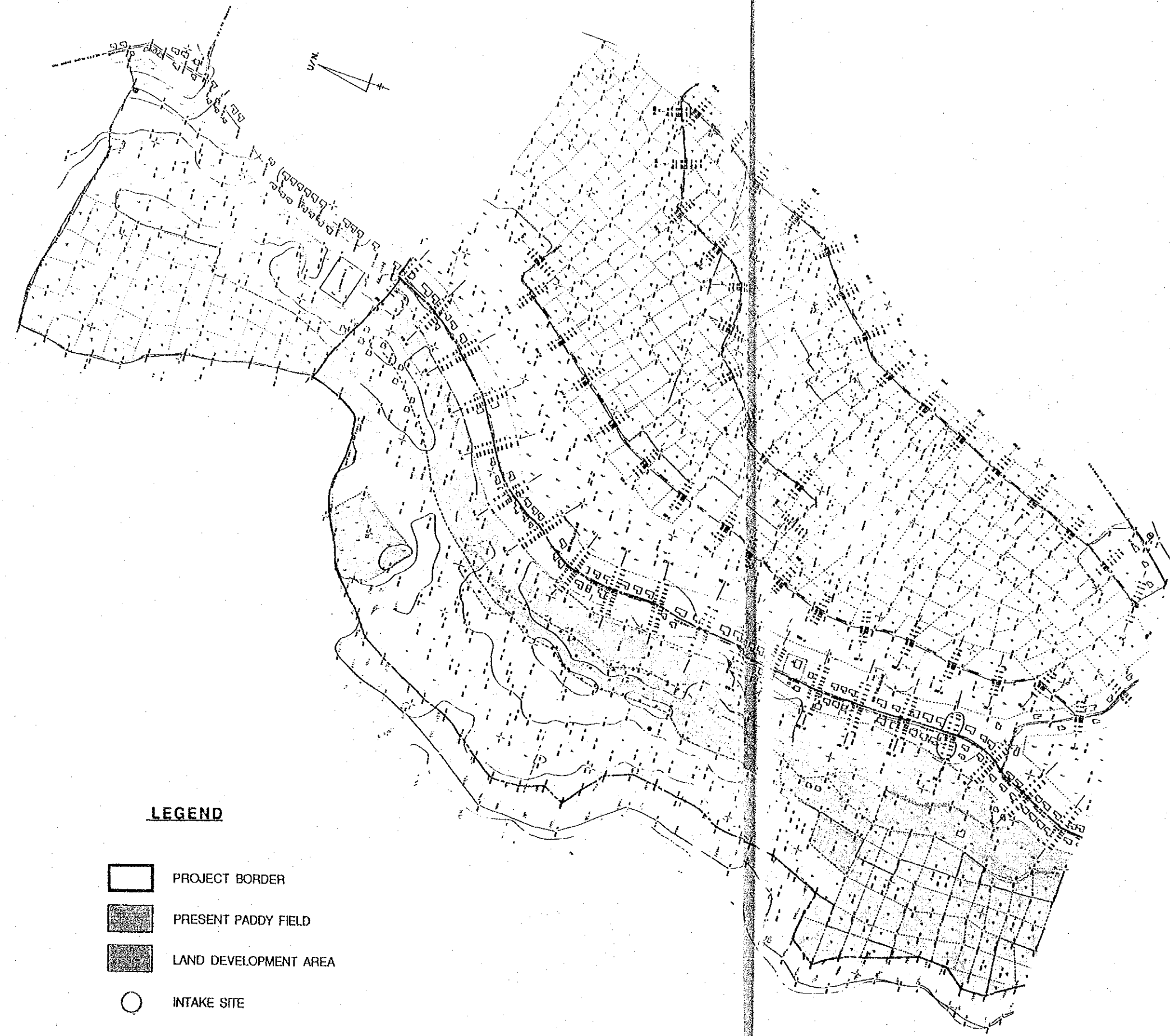
SCALE / SKALA







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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: PADAELO (1/2) PROVINCE: SOUTH SULAWESI

















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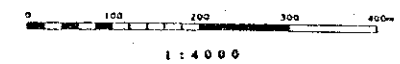
LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGENDA
LEGENDA**

-  Contour line
Garis ketinggian
-  School
Sekolah
-  Triangular point
Titik segitiga
-  Road
Jalan
-  House
Rumah
-  Mosque
Mesjid
-  River
Sungai
-  Canal
Saluran
-  Flow direction
Arah aliran
-  Rice field
Rawa
-  Canal
Saluran
-  Coconut tree
Pohon kelapa
-  Non-irrigated field
Ladang
-  Horticulture
Taman
-  Mixed agriculture
Kebun campuran
-  Water pump
Pompa air

SCALE / SKALA

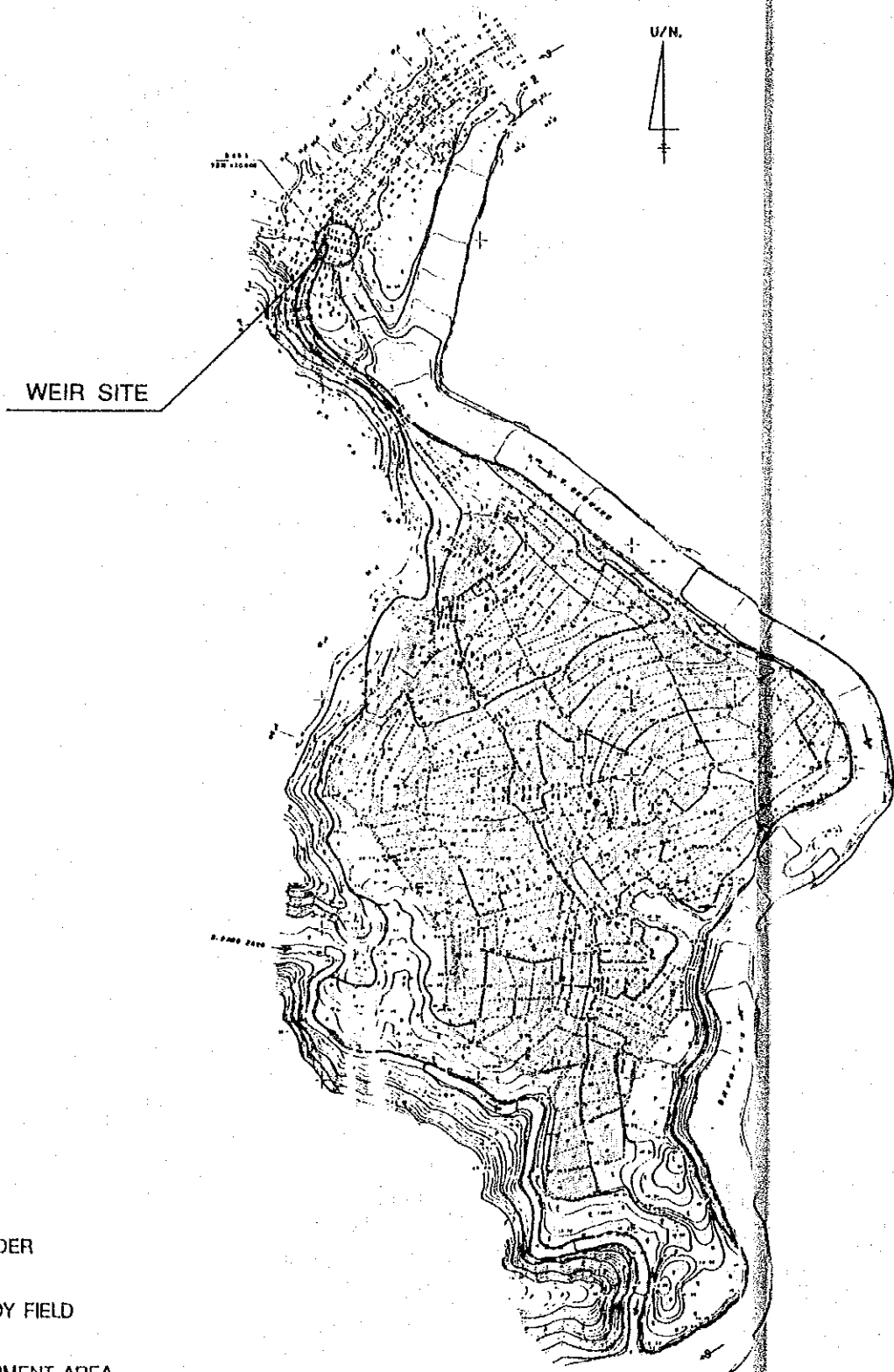


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AT FARM LEVEL





GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: PADAELO (2/2) PROVINCE: SOUTH SULAWESI

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)

















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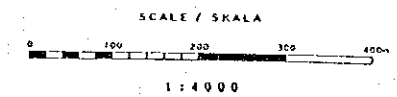


LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

LEGEND
LEGENDA

-  Contour line
Garis ketinggian
-  School
Sekolah
-  Teacher post
Titik guru
-  Road
Jalan
-  House
Rumah
-  Mosque
Mesjid
-  River
Sungai
-  Canal
Saluran
-  Flow structure
Arah aliran
-  Rice field
Rawa
-  Culvert
Gorong gorong
-  Coconut tree
Pohon kelapa
-  Non irrigated farming
Ladang
-  Horticulture
Tegalan
-  Mixed agriculture
Kebun campuran
-  Water pump
Pompa air



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AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: MALIMBU PROVINCE: SOUTH SULAWESI





JAPAN INTERNATIONAL COOPERATION AGENCY
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













WEIR SITE

U/N.

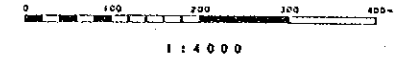
LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

LEGEND
LEGENDA

-  Contour line
Garis kontur
-  School
Sekolah
-  Temple
Tempel
-  Road
Jalan
-  House
Rumah
-  Mosque
Masjid
-  River
Sungai
-  Canal
Saluran
-  Flow direction
Arah aliran
-  Rice field
Sawah
-  Culvert
Salang perahu
-  Coccol tree
Pohon ketupa
-  Non irrigated farming
Ladang
-  Horticulture
Tegalan
-  Mixed agriculture
Kebun campuran
-  Water pump
Pompa air

SCALE / SKALA



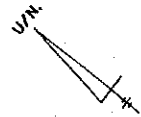
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REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
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AT FARM LEVEL





GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: SALU AKUNG PROVINCE: SOUTH SULAWESI

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














WEIR SITE



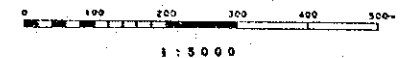
LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGEND
LEGENDA**

-  Contour line
Garis ketinggian
-  School
Sekolah
-  Triangular plot
Tilak polygon
-  Road
Jalan
-  House
Rumah
-  Mosque
Masjid
-  River
Sungai
-  Canal
Saluran
-  Flow direction
Arah aliran
-  Rice field
Rawa
-  Culvert
Gerong gerong
-  Coconut tree
Pohon kelapa
-  Man irrigated terrace
Ladang
-  Horticulture
Vegetasi
-  Mixed agriculture
Kebun campuran
-  Waterpump
Pompa air

SCALA / SKALA



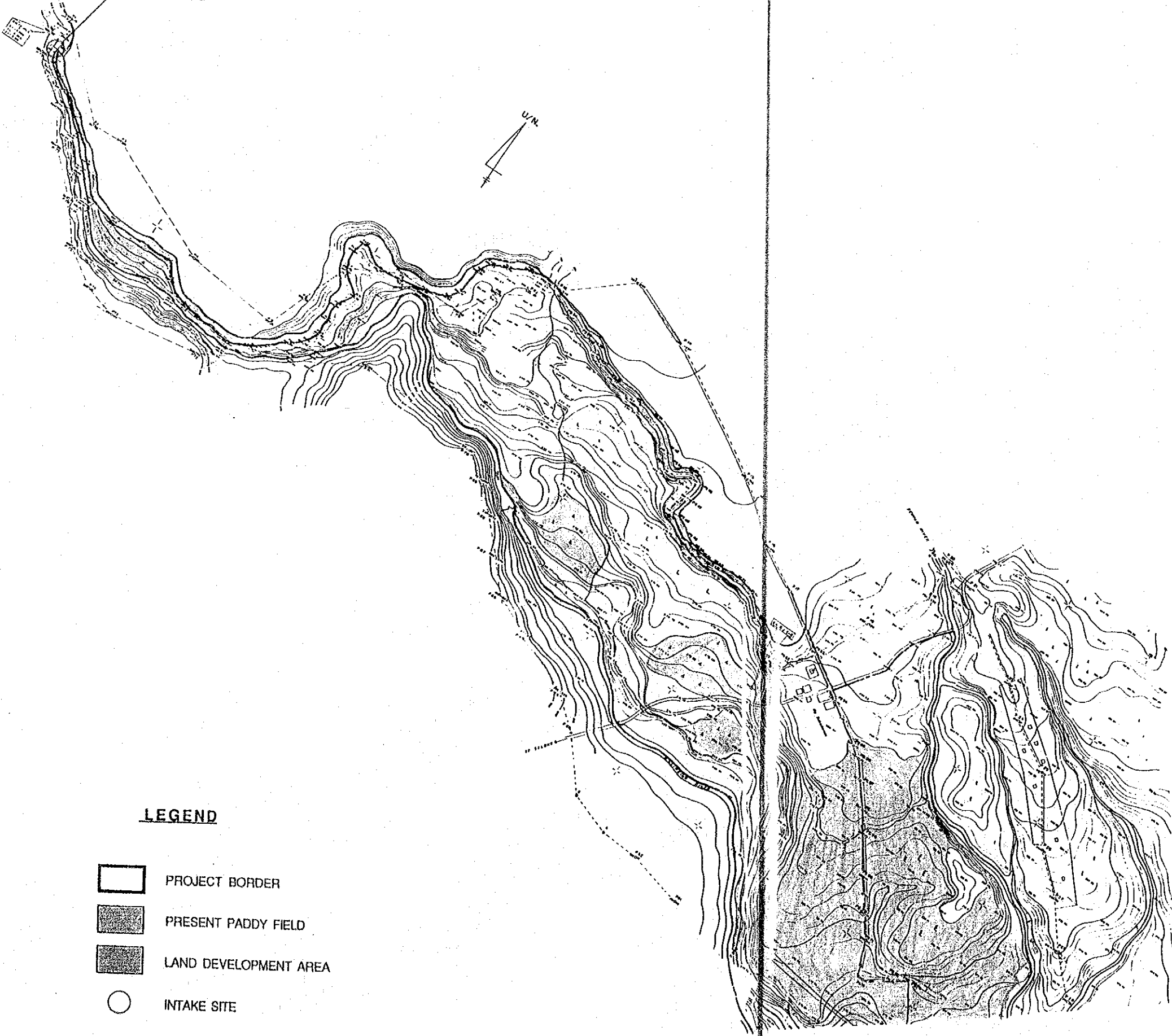
REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: MARIRI PROVINCE: SOUTH SULAWESI





JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)

DWG. NO.
32
















































WEIR SITE

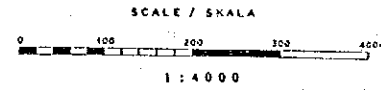


LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGENDA
LEGEND**

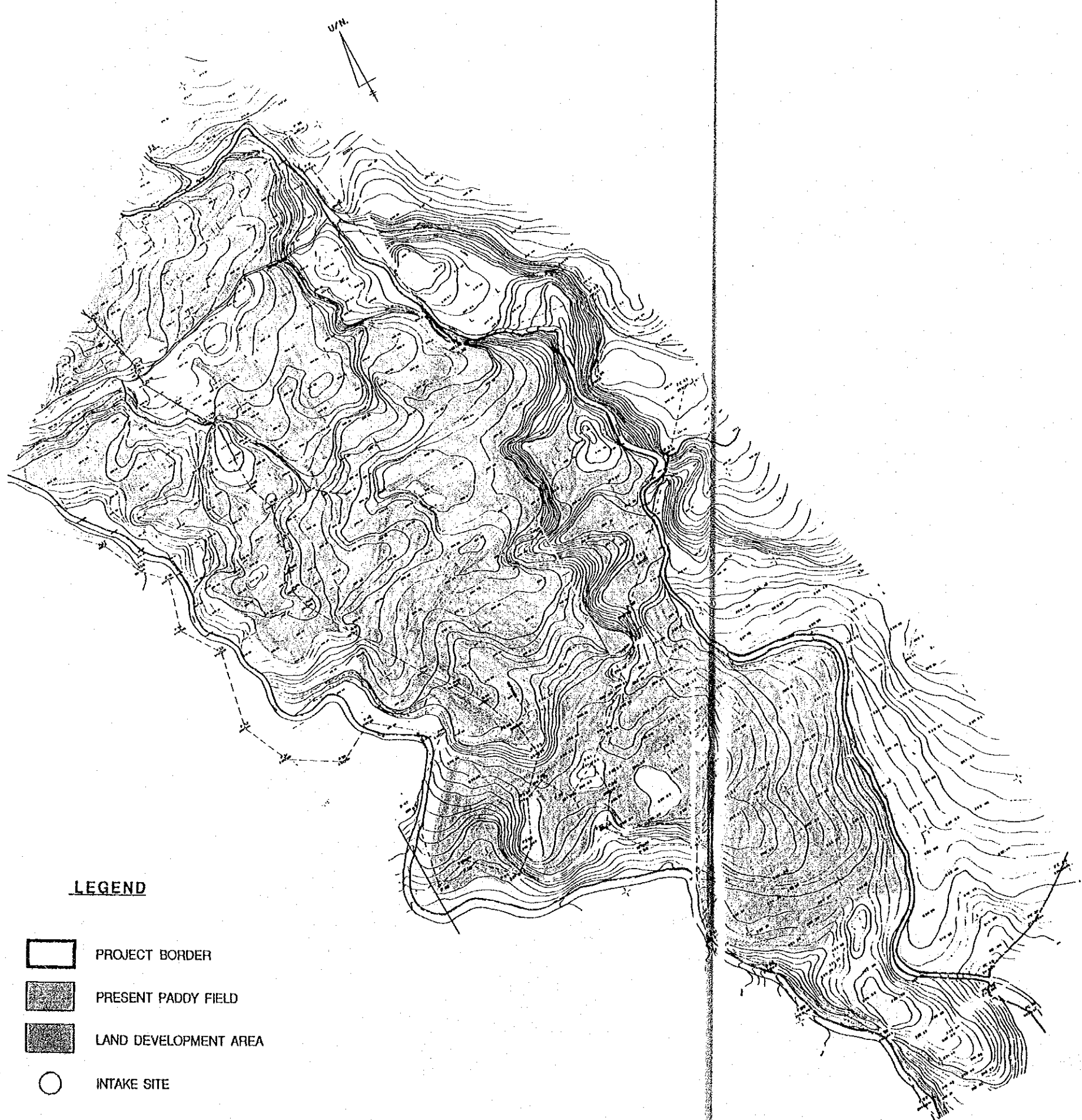
- | | | | |
|---|---|---|--|
|  | TITIK KAT KOORDINAT (X, Y) DAN IP SPOI HEIGHT |  | BAFAS TIMBUNAN BOUNDARY PLANTATION |
|  | TITIK BETHOGIOLAN BENCH MARK |  | SAWAH PADDY FIELD |
| BANGUNAN STRUCTURE | |  | LADANG/KEBUN UPLAND FIELD |
|  | RUMAH HOUSING |  | BUAH-BUAHAN FIELD OF FRUIT |
|  | KANTOR PEMERINTAHAN GOVERNMENT OFFICE |  | KELAPA COCONUT FIELD |
|  | KANTOR POLISI POLICE OFFICE |  | KARET RUBBER FIELD |
|  | KANTOR POS POST OFFICE |  | LADA PEPPER FIELD |
|  | SEKOLAH SCHOOL |  | HUTAN BELUKAR FOREST |
|  | RUMAH SAKIT HOSPITAL |  | ALANG-ALANG GRASS |
|  | MASJID MOSQUE |  | SOIL PIT |
|  | GEREJA/RELENTING CHURCH | PERAIRAN | |
|  | PABRIK FACTORY |  | ARAH ARUS DISCHARGE DIRECTLY |
|  | PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION |  | SUNGAI DAN ANAK SUNGAI RIVER & TRIBUTARY |
|  | PASAR MARKET |  | SALURAN AIR CANAL |
|  | TEMPAT POMPA AIR WATER PUMP STATION |  | TALUD LEVEE |
| JALAN | |  | BENDUNGAN WEIR |
|  | JALAN > 2 m |  | PINTU AIR GATE WEIR |
|  | JALAN 1 - 2 m |  | RAWA SWAMP |
|  | JALAN SETAPAK JEFTY ROAD | RELIEF | |
|  | JALAN SEDANG DIRAHAIKAN UNDER CONSTRUCTION ROAD |  | GARIS SAMA TINGGI CONTOUR |
|  | BAGIAN JALAN GALIAN |  | INDEX GARIS SAMA TINGGI INDEX CONTOUR |
|  | BAGIAN JALAN TIMBUNAN |  | CEFF OR ESCARPMENT |
|  | JEMBATAN BATA/BESE STONE/STEEL BRIDGE |  | SUSUR CURAM |
|  | JEMBATAN BAMBU BAMBOO BRIDGE |  | GARIS SAMA TINGGI DEPRESI |
|  | GORONG-GORONG PEMBUANG SEWERAGE CULVERT |  | TERANG BERBATU |
| | |  | LERENG TEREROSI |







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AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: DAMAR JENKANG (1/2) PROVINCE WEST NUSA TENGGARA




















































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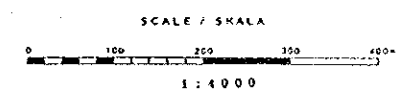


LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGENDA
LEGEND**

- | | | | |
|---|--|---|--|
|  | TITIK WAT KOORDINAT (E.T) DAN U.P SPOT HEIGHT |  | PLANTATION |
|  | TITIK KEJANGGUAN BENCH MARK |  | BATAS TIMBUNAN BOUNDARY PLANTATION |
|  | BANGUNAN STRUCTURE |  | SAWAH PADDY FIELD |
|  | RUMAH HOUSE |  | LADANG/PERUM UPLAND FIELD |
|  | KANTOR PEMERINTAHAN GOVERNMENT OFFICE |  | BUAH-BUAHAN FIELD OF FRUIT |
|  | KANTOR POLISI POLICE OFFICE |  | KELAPA COCONUT FIELD |
|  | KANTOR POS POST OFFICE |  | KAREE RUBBER FIELD |
|  | SEKOLAH SCHOOL |  | LADA PEPPER FIELD |
|  | RUMAH SAKIT HOSPITAL |  | HUTAN BELUKAR FOREST |
|  | MASJID MOSQUE |  | JALANG-JALANG CRASS |
|  | GEREJA/KELEMIENG CHURCH |  | SOIL PIT |
|  | PABRIK FACTORY |  | PERAIRAN |
|  | PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION |  | ARAH ARUS DISCHARGE DIRECTLY |
|  | PASAR MARKET |  | SUNGAJ DAN ANAK SUNGAI RIVER & TRIBUTARY |
|  | TEMPAT POMPA AIR WATER PUMP STATION |  | SALURAN AIR CANAL |
|  | JALAN > 2 m |  | SALUD LEVEE |
|  | JALAN 1 - 2 m |  | BENDUNGAN WEIR |
|  | JALAN SETAPAK JETTY ROAD |  | PINTU AIR GATE WEIR |
|  | JALAN SEDANG DIPANGUNG UNDER CONSTRUCTION ROAD |  | RAWA SWAP |
|  | BAGIAN JALAN GALIAN |  | RELIEF |
|  | BAGIAN JALAN TIMBUNAN |  | GARIS SAMA TINGGI CONTOUR |
|  | JEMBATAN BATU/BESEI STONE/STEEL BRIDGE |  | INDEX GARIS SAMA TINGGI INDEX CONTOUR |
|  | JEMBATAN BAMBU BAMBOO BRIDGE |  | CENF OR ESCARPMENT |
|  | GORONG-GORONG PENBUANG SEWERAGE CULVERT |  | SUSUR CURAM |
| | |  | GARIS SAMA TINGGI DEPRESI |
| | |  | TERONG BERBATU |
| | |  | LERENG TEROKSI |







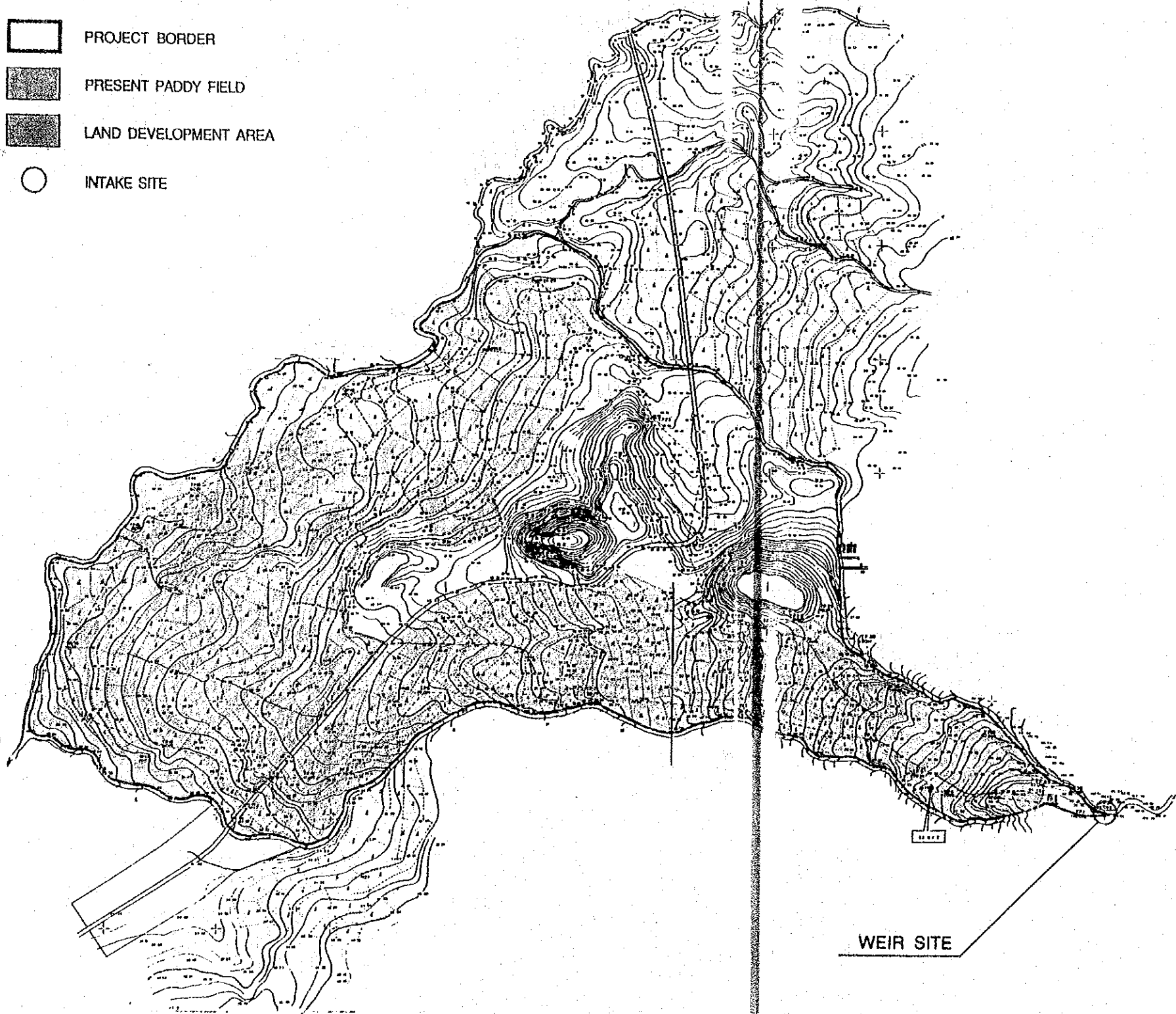
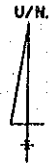
REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
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GENERAL PLAN OF REPRESENTATIVE SCHEMES
 SCHEME: DAMAR JENKANG (2/2) PROVINCE: WEST NUSA TENGGARA

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














































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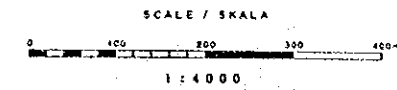
-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE



WEIR SITE

**LEGENDA
LEGEND**

- | | | | |
|---|---|---|--|
|  | TITIK DATAR KOORDINAT (K.T.) DAN ID SPOT HEIGHT |  | BATAS TUMBUKAN BOUNDARY PLANTATION |
|  | TITIK KETHINGGIAN BENCH MARK |  | SAWAH PADDY FIELD |
| BANGUNAN STRUCTURE | |  | LADANG/KEBUN UPLAND FIELD |
|  | RUMAH HOUSING |  | BUAH-BUAHAN FIELD OF FRUIT |
|  | KANTOR PEMERINTAHAN GOVERNMENT OFFICE |  | KELAPA COCONUT FIELD |
|  | KANTOR POLISI POLICE OFFICE |  | KARET RUBBER FIELD |
|  | KANTOR POS POST OFFICE |  | LADA PEPPER FIELD |
|  | SEKOLAH SCHOOL |  | HUTAN BELUKAR FOREST |
|  | RUMAH SAKIT HOSPITAL |  | ALANG-ALANG GRASS |
|  | MASJID MOSQUE |  | SOIL PIT |
|  | CEREA/KELEMTENG CHURCH | PERAIRAN | |
|  | PABRIK FACTORY |  | ARAH ARUS DISCHARGE DIRECTLY |
|  | PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION |  | SUNGGAI DAN ANAK SUNGGAI RIVER & TRIBUTARY |
|  | PASAR MARKET |  | SALURAN AIR CANAL |
|  | TEMPAT POMPA AIR WATER PUMP STATION |  | TALUD LEVEE |
| JALAN | |  | BENDUNGAN WEIR |
|  | JALAN > 2 m |  | PINTU AIR GATE WEIR |
|  | JALAN 1 - 2 m |  | RAWA SWAM |
|  | JALAN SETAPAK JETTY ROAD | RELIEF | |
|  | JALAN SEDANG DIBANGUN UNDER CONSTRUCTION ROAD |  | GARIS SAMA TINGGI CONTOUR |
|  | BAGIAN JALAN CALAKAN |  | INDEKS GARIS SAMA TINGGI INDEX CONTOUR |
|  | BAGIAN JALAN TIMBUNAN |  | CEFF OR ESCARPMENT |
|  | JEMBATAN BATU/BESI STONE/STEEL BRIDGE |  | SUSUR CURAM |
|  | JEMBATAN BAMBU BAMBOO BRIDGE |  | GARIS SAMA TINGGI DEPRESI |
|  | CORONG-CORONG PEMBUANG SEWERAGE CULVERT |  | TERENG BERBATU |
| | |  | LERENG TEREROSI |



REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: MADA MANINI PROVINCE: WEST NUSA TENGGARA

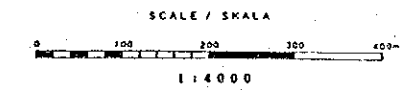
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO (JICA) DWG. NO 35

**LEGENDA
LEGEND**

	TITIK BATAS KOORDINAT (EVI) DAM W SPOT HEIGHT		PLANTATION BATAS TUMBUHAN BOUNDARY PLANTATION
	TITIK KETINGGALAN BENCH MARK		SAWAH PADDY FIELD
	BANGUNAN STRUCTURE		LADANG/KEBUN UPLAND FIELD
	RUMAH HOUSING		BUNAI-BUNAIAN FIELD OF FRUIT
	KANTOR PEMERINTAHAN GOVERNMENT OFFICE		KELAPA COCONUT FIELD
	KANTOR POLISI POLICE OFFICE		KARET RUBBER FIELD
	KANTOR POS POST OFFICE		LADA PEPPER FIELD
	SEKOLAH SCHOOL		HUTAN BELUKAR FOREST
	RUMAH SAKIT HOSPITAL		ALANG-ALANG GRASS
	MASJID MOSQUE		SOIL PIT
	CEPEJA/KELEKEMO CHURCH		PERAIRAN ARAH ARUS DISCHARGE DIRECTION
	PABRIK FACTORY		SUNGAI DAN ANAK SUNGAI RIVER & TRIBUTARY
	PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION		SALURAN AIR CANAL
	PASAR MARKET		TALUD LEVEE
	TEMPAT POMPA AIR WATER PUMP STATION		SEHONGGAN WEIR
	JALAN		PINBU AIR GATE WEIR
	JALAN > 2 m		RAWA SWAP
	JALAN 1 - 2 m		RELIEF GARIS SAMA TINGGI CONTOUR
	JALAN SETIAPAK JETTY ROAD		INDICES GARIS SAMA TINGGI INDEX CONTOUR
	JALAN SEDANG DIBANGUN UNDER CONSTRUCTION ROAD		CEFF OR ESCARPMENT
	BAGIAN JALAN GELAS		SUSUR CUKAM
	BAGIAN JALAN TUMBUHAN		GARIS SAMA TINGGI DEPRESI
	JEMBATAN BATU/BEH STONE/STEEL BRIDGE		TEBING BERBATU
	JEMBATAN BAMBUI BAMBOO BRIDGE		LERENG TERBOSI
	GORONG-GORONG PEMBUNANG SEWERAGE CULVERT		

LEGEND

	PROJECT BORDER
	PRESENT PADDY FIELD
	LAND DEVELOPMENT AREA
	INTAKE SITE



REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
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AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: UMA LEBANG PROVINCE: WEST NUSA TENGGARA

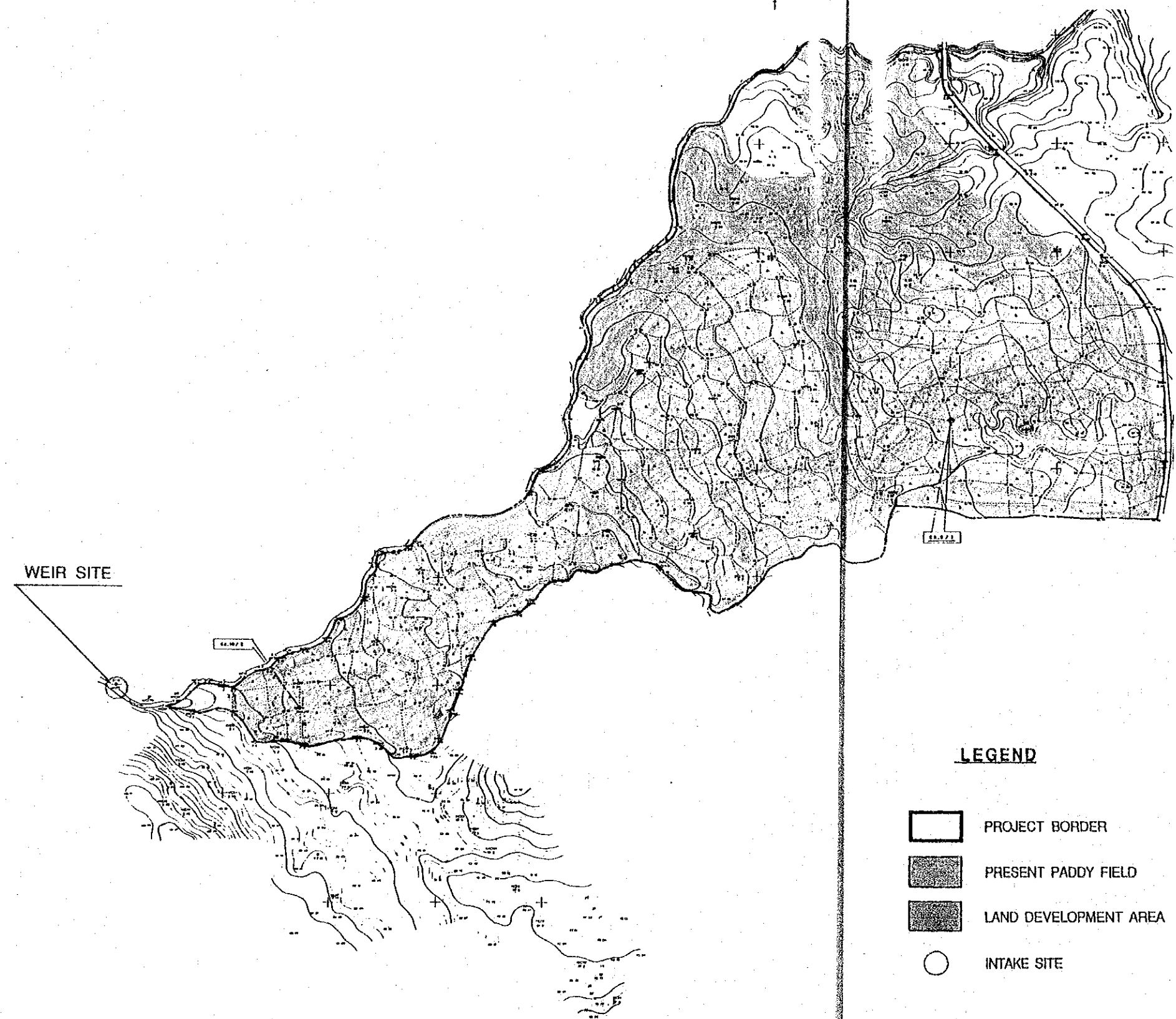
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO (JICA) DWG. NO. 36



WEIR SITE





KAMPUNG

SEKOLAH




















































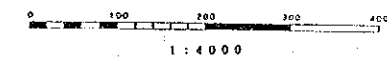
LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGENDA
LEGEND**

- | | |
|---|--|
|  TITIK WAK KOORDINAT (X,Y) DAN ID SPOT HEIGHT |  BATAS TUMBUHAN BOUNDARY PLANTATION |
|  TITIK PETHINGGUAN BENCH MARK |  SAWAH PADDY FIELD |
| BANGUNAN STRUCTURE |  LADING/KERUH UPLAND FIELD |
|  RUMAH HOUSING |  BUAH-BUAHAN FIELD OF FRUIT |
|  KANTOR PEMERINTAHAN GOVERNMENT OFFICE |  KELAPA COCONUT FIELD |
|  KANTOR POLISI POLICE OFFICE |  KAYU RUBBER FIELD |
|  KANTOR POS POST OFFICE |  LADA PEPPER FIELD |
|  SEKOLAH SCHOOL |  HUTAN BELUKAR FOREST |
|  RUMAH SAKIT HOSPITAL |  ALANG-ALANG CRASS |
|  MASJID MOSQUE |  SOIL PIT |
|  GEREJA/KELEHING CHURCH | PERAIRAN |
|  PABRIK FACTORY |  ARAH ARUS DISCHARGE DIRECTLY |
|  PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION |  SUNGAI DAN ANAK SUNGAI RIVER & TRIBUTARY |
|  PASAR MARKET |  SALURAN AIR CANAL |
|  TEMPAT POMPA AIR WATER PUMP STATION |  TALUD LEVEE |
| JALAN |  BENDUNGAN WEIR |
|  JALAN > 2 m |  PINTU AIR GATE WEIR |
|  JALAN 1 - 2 m |  RAWA SWAMP |
|  JALAN SETAPAK JETTY ROAD | RELIEF |
|  JALAN SEDANG DIBANGUN UNDER CONSTRUCTION ROAD |  GARIS SAMA TINGGI CONTOUR |
|  BAGIAN JALAN GALSIAN |  INDEKS GARIS SAMA TINGGI INDEX CONTOUR |
|  BAGIAN JALAN TIMBUHAN |  CEIF OR ESCARPMENT |
|  JEMBATAN BATU/BESE STONE/STEEL BRIDGE |  SUSUR CURVAM |
|  JEMBATAN BAMBU BAMBOO BRIDGE |  GARIS SAMA TINGGI DEPRESI |
|  CORONG-CORONG PEMBUANG SEWERAGE CULVERT |  TEBING BERBATU |
| |  LERENG TEREROSI |

SCALE / SKALA

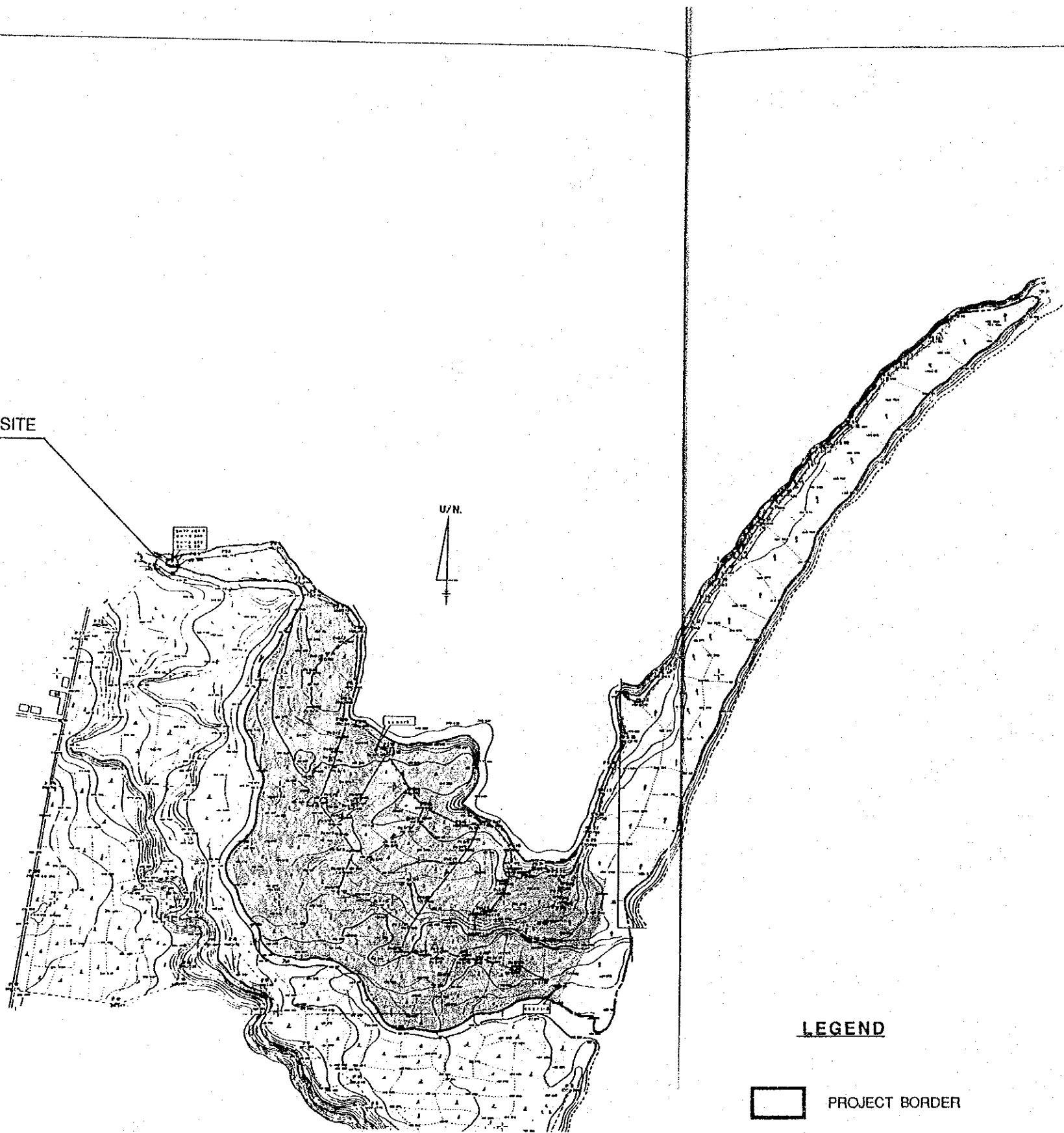


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AT FARM LEVEL





GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: LOKOK TRIPAS PROVINCE: WEST NUSA TENGGARA

JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO (JICA) DWG NO 37

















































WEIR SITE



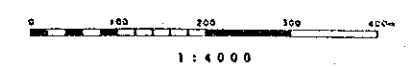
LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGENDA
LEGEND**

- | | | | |
|---|---|---|--|
|  | TITIK WAT KOORDINAT (L.T) DAN IP SPOT HEIGHT |  | PLANTATION |
|  | TITIK PENDINGGIAN BENCAN MARK |  | BATAS TIMBUHAN BOUNDARY PLANTATION |
| BANGUNAN STRUCTURE | |  | SAWAH PADDY FIELD |
|  | RUMAH HOUSE |  | LADANG/PESUK UPLAND FIELD |
|  | KANTOR PEMERINTAHAN GOVERNMENT OFFICE |  | BUAH-BUAHAN FIELD OF FRUIT |
|  | KANTOR POLISI POLICE OFFICE |  | KELAPA COCONUT FIELD |
|  | KANTOR POS POST OFFICE |  | KAKET RUBBER FIELD |
|  | SEKOLAH SCHOOL |  | LADA PEPPER FIELD |
|  | RUMAH SAKIT HOSPITAL |  | HUTAN BELUKAR FOREST |
|  | MASJID MOSQUE |  | ALANG-ALANG GRASS |
|  | CEREA/KELENTENG CHURCH |  | SOIL PIT |
|  | PABRIK FACTORY | PERAIRAN | |
|  | PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION |  | ARAH ARUS DISCHARGE DIRECTLY |
|  | PASAR MARKET |  | SUNGAI DAN ANAK SUNGAI RIVER & TRIBUTARY |
|  | TEMPAT POMPA AIR WATER PUMP STATION |  | SALURAN AIR CANAL |
| JALAN | |  | TALUD LEVEL |
|  | JALAN > 2 m |  | BENDUNGAN WEIR |
|  | JALAN 1 - 2 m |  | PINTU AIR GATE WEIR |
|  | JALAN SETAPAK JETTY ROAD |  | KAWA SWAMP |
|  | JALAN SEDANG DIBANGUN UNDER CONSTRUCTION ROAD | RELIEF | |
|  | BAGIAN JALAN GELIAN |  | GARIS SAMA TINGGI CONTOUR |
|  | BAGIAN JALAN TIMBUHAN |  | INDEKS GARIS SAMA TINGGI INDEX CONTOUR |
|  | JEMBATAN BATA/BESE STONE/STEEL BRIDGE |  | CEFF OR ESCARPMENT |
|  | JEMBATAN BAMBU BAMBOO BRIDGE |  | SUSUR CURAM |
|  | CORONG-CORONG PERBUJANG SEWERAGE CULVERT |  | GARIS SAMA TINGGI DEPRESI |
| | |  | TERING BERBATU |
| | |  | LERENG TEREROSI |

SCALE / SKALA

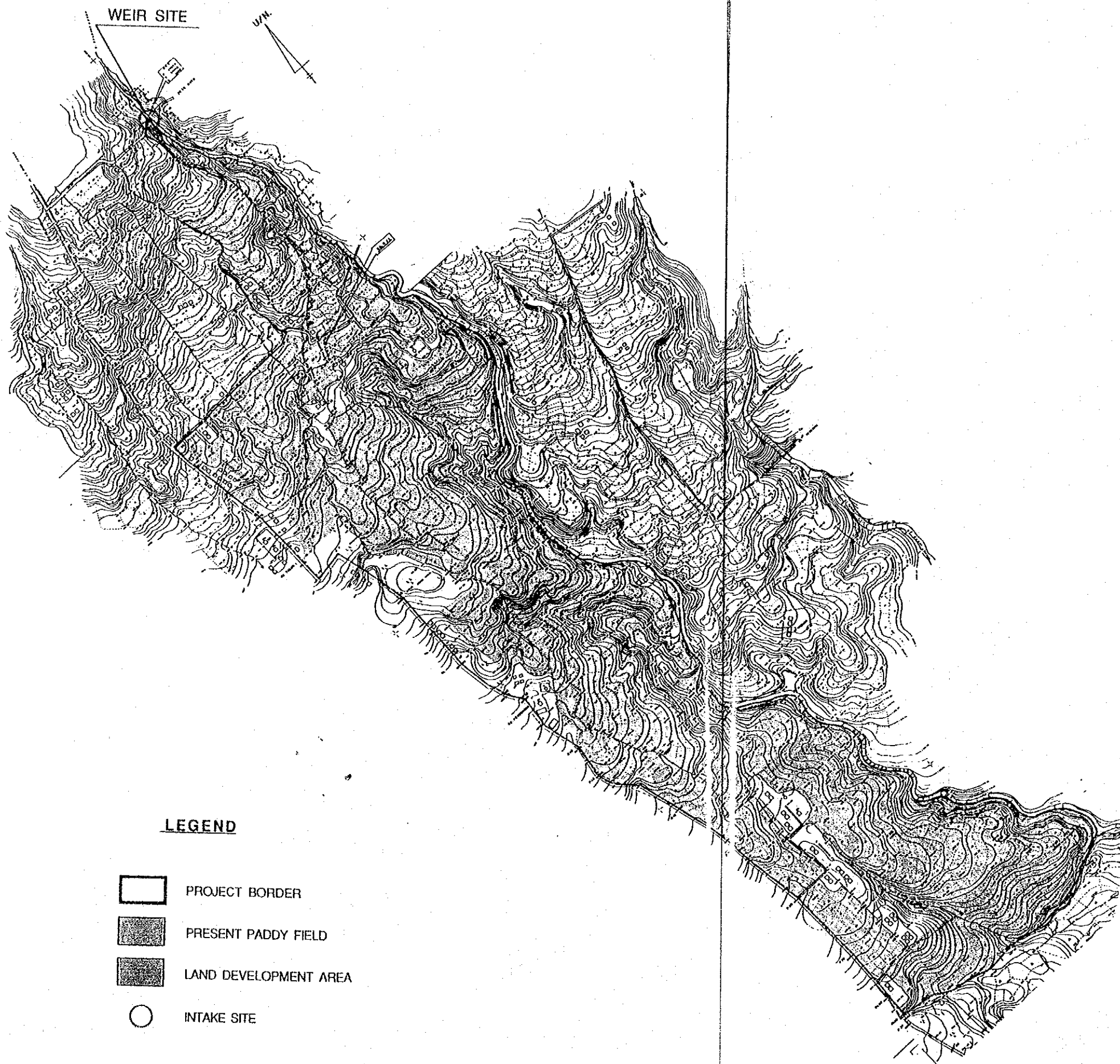






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












































GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: LINGKUK DUDU PROVINCE: WEST NUSA TENGGARA

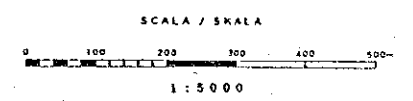
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- LEGEND**
-  PROJECT BORDER
 -  PRESENT PADDY FIELD
 -  LAND DEVELOPMENT AREA
 -  INTAKE SITE

**LEGENDA
LEGEND**

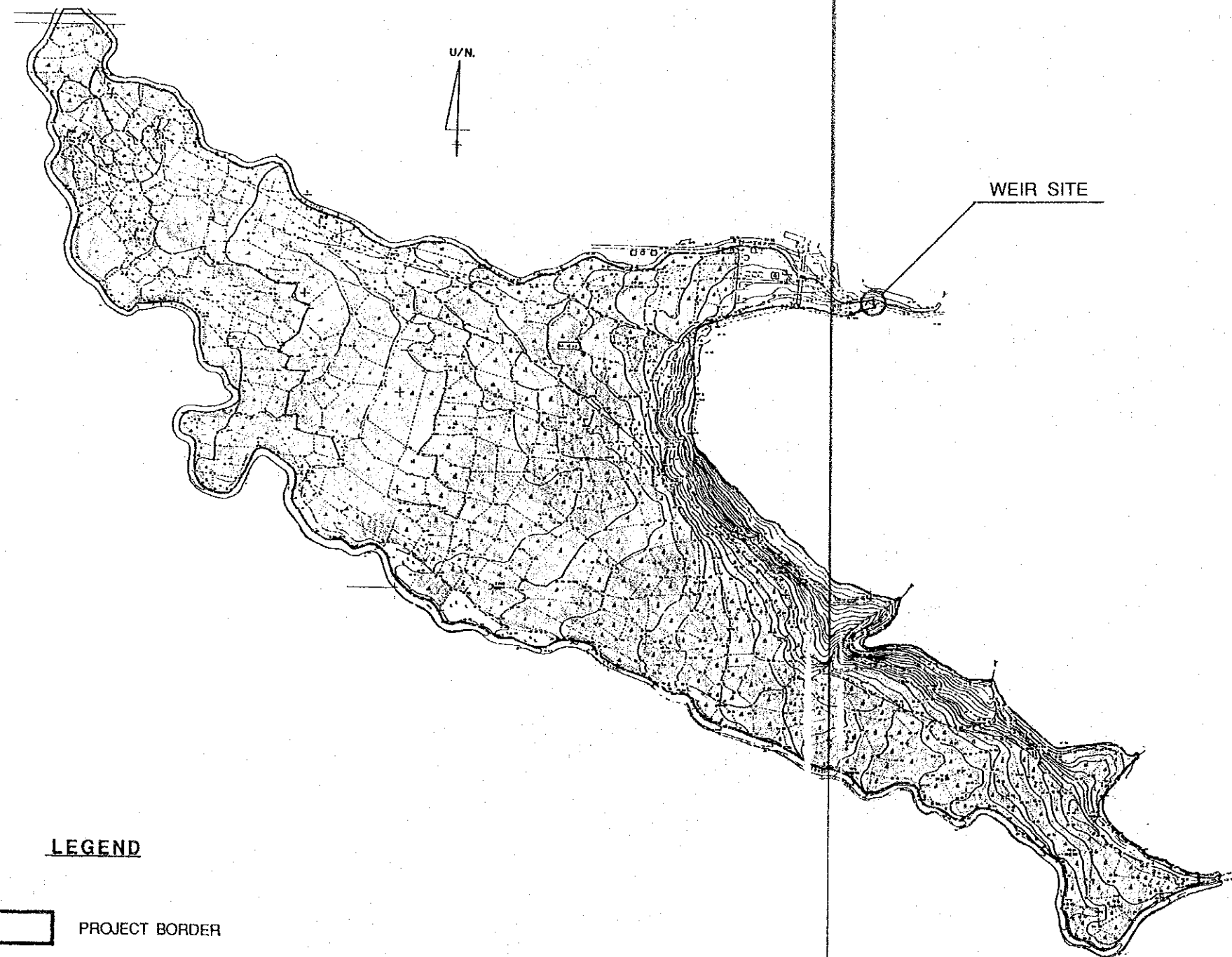
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|---|--|
|  TITIK IKAT KOORDINAT (CY) DAN SPOT HEIGHT |  SAWAH PADDY FIELD |
|  TITIK KETIMOCIAN BENCH MARK |  LADANG/KEBUN UPLAND FIELD |
| BANGUNAN STRUCTURE |  BUAH-BUAHAN FIELD OF FRUIT |
|  RUMAH HOUSING |  KELAPA COCONUT FIELD |
|  KANTOR PEMERINTAHAN GOVERNMENT OFFICE |  KARET RUBBER FIELD |
|  KANTOR POLISI POLICE OFFICE |  LADA PEPPER FIELD |
|  KANTOR POS POST OFFICE |  HUTAN BELUKAR FOREST |
|  SEKOLAH SCHOOL |  JALANG-JALANG GRASS |
|  RUMAH SAKIT HOSPITAL |  SOIL PIT |
|  MASJID MOSQUE | PERAIRAN |
|  GEREJA/KELENTENG CHURCH |  ARAH ARUS DISCHARGE DIRECTLY |
|  PABRIK FACTORY |  SUNGAI DAN ANAK SUNGAI RIVER & TRIBUTARY |
|  PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION |  SALURAN AIR CANAL |
|  PASAR MARKET |  TALUD LEVEE |
|  TEMPAT POMPA AIR WATER PUMP STATION |  BENDUNGAN WEIR |
| JALAN |  PINTU AIR GATE WEIR |
|  JALAN > 2 m |  RAWA SWAMP |
|  JALAN 1 - 2 m | RELIEF |
|  JALAN SETIAPAK JETTY ROAD |  GARIS SAMA TINGGI CONTOUR |
|  JALAN SEDANG DIBANGUN UNDER CONSTRUCTION ROAD |  INDEX GARIS SAMA TINGGI INDEX CONTOUR |
|  RAGIAN JALAN GALIAN |  CEEF OR ESCARPMENT |
|  RAGIAN JALAN TIMBUNAN |  SUSUR CURVAN |
|  JEMBATAN BATU/ESI/STEEL BRIDGE |  GARIS SAMA TINGGI DEPRESI |
|  JEMBATAN BAMBU BAMBOO BRIDGE |  TEBING BERBATU |
|  CORONG-CORONG PEMBANGUNAN SEWERAGE CULVERT |  LERENG TEREROSI |







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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
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AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME : KELOKOS UDANG PROVINCE : WEST NUSA TENGGARA
















































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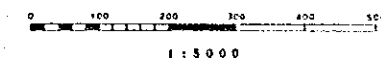
LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGENDA
LEGEND**

	TITIK BATAS KOORDINAT (U.T.) DARI DI SPOT HEIGHT		PLANTATION BATAS TANJUNGAN BOUNDARY PLANTATION
	TITIK KETINGGIAN BENCH MARK		SAWAH PADDY FIELD
BANGUNAN STRUCTURE			LADANG/KERUN UPLAND FIELD
	RUMAH HOUSING		BUAH-BUAHAN FIELD OF FRUIT
	KANTOR PEMERINTAHAN GOVERNMENT OFFICE		KELAPA COCONUT FIELD
	KAMRUS POLISI POLICE OFFICE		KAREE RUBBER FIELD
	KANTOR POS POST OFFICE		LADA PEPPER FIELD
	SEKOLAH SCHOOL		MUTAN BELUKAR FOREST
	RUMAH SAKIT HOSPITAL		ALANG-ALANG GRASS
	MASJID MOSQUE		SOIL PIT
	GEREJA/PELENTENG CHURCH	PERAIRAN	
	PABRIK FACTORY		ARAH ARUS DISCHARGE DIRECTLY
	PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION		SUNGAI DAN ANAK SUNGAI RIVER & TRIBUTARY
	PASAR MARKET		SALURAN AIR CANAL
	TEMPAT POMPA AIR WATER PUMP STATION		TALUD LEVEE
JALAN			BENDUNGAN WEIR
	JALAN > 3 m		PINTU AIR GATE WEIR
	JALAN 1 - 3 m		RAWA SWAMP
	JALAN SETAPAK JEETTY ROAD	RELIEF	
	JALAN SEDANG DIBANGUN UNDER CONSTRUCTION ROAD		GARIS SAMA TINGGI CONTOUR
	BAGIAN JALAN GALIAN		INDEX GARIS SAMA TINGGI INDEX CONTOUR
	BAGIAN JALAN TIMBUHAN		CEFF OR ESCARPMENT
	JEMBATAN BATA/BESE STONE/STEEL BRIDGE		SUSUR CURAM
	JEMBATAN BAWU BAMBOO BRIDGE		GARIS SAMA TINGGI DEPRESI
	GORONG-GORONG PEMBUANG SEWERAGE CULVERT		TRIBING BEBBATU
			LERENG TEREROSI

SCALA / SKALA



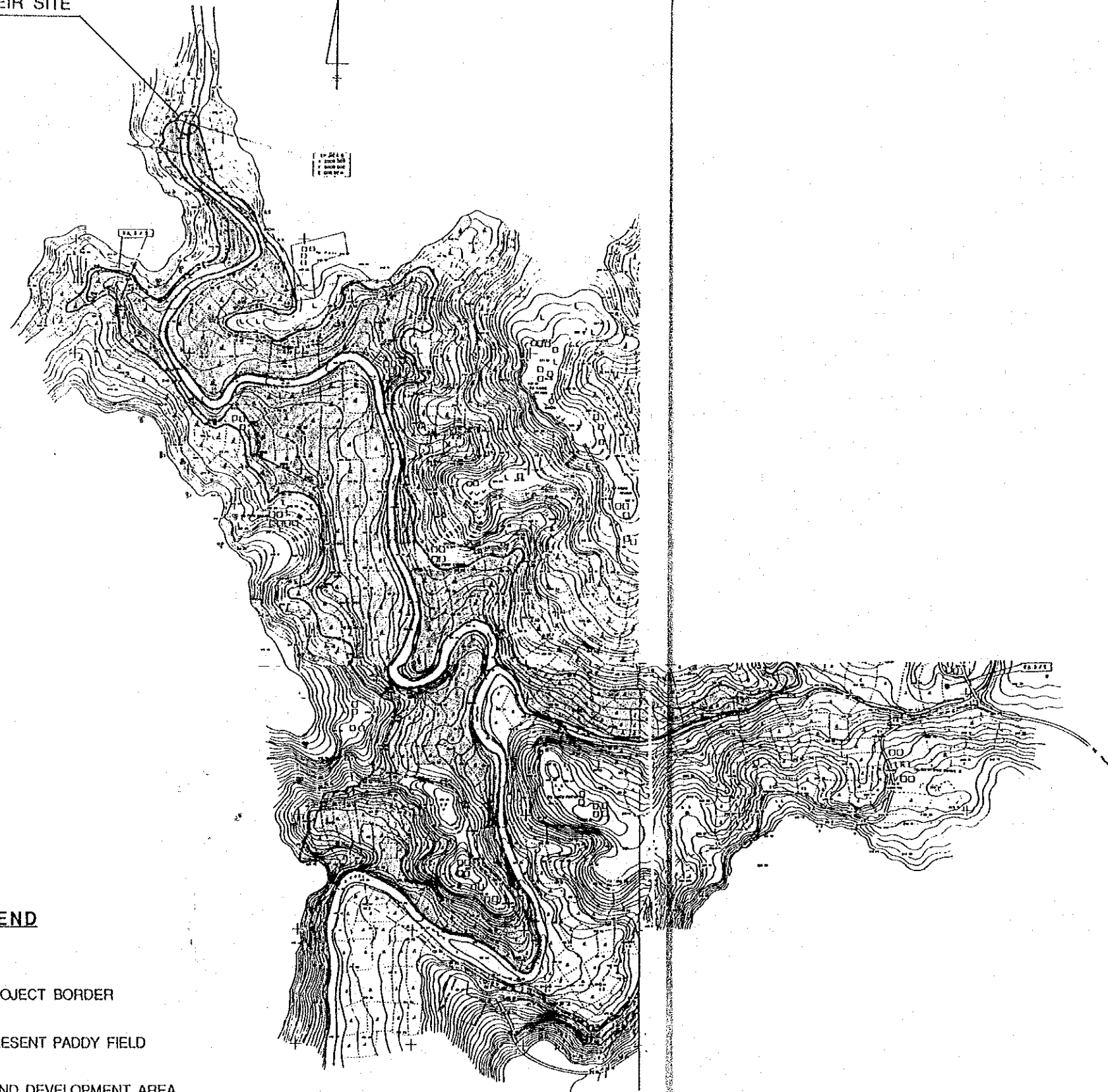
REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: RABA SANGGA PROVINCE: WEST NUSA TENGGARA





JAPAN INTERNATIONAL COOPERATION AGENCY
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WEIR SITE
















































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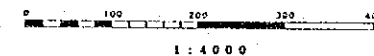
LEGEND

-  PROJECT BORDER
-  PRESENT PADDY FIELD
-  LAND DEVELOPMENT AREA
-  INTAKE SITE

**LEGENDA
LEGEND**

- | | |
|---|--|
|  TITIK WAT KOORDINAT (X, Y) DAN W/ SPOT HEIGHT |  BATAS TANJUNGAN BOUNDARY PLANTATION |
|  TITIK REFUNGSIAN BENCH MARK |  SAWAH PADDY FIELD |
| BANGUNAN STRUCTURE |  LADANG/KEBUM UPLAND FIELD |
|  RUMAH HOUSING |  BUAH-BUAHAN FIELD OF FRUIT |
|  KANTOR PEMERINTAHAN GOVERNMENT OFFICE |  KELAPA COCONUT FIELD |
|  KANTOR POLISI POLICE OFFICE |  KATEK RUBBER FIELD |
|  KANTOR POS POST OFFICE |  LADA PEPPER FIELD |
|  SEKOLAH SCHOOL |  HUTAN BELUKAR FOREST |
|  RUMAH SAKIT HOSPITAL |  ALANG-ALANG GRASS |
|  MASJID MOSQUE |  SOIL PIT |
|  GEREJA/KELEKTEHO CHURCH | PERAIRAN |
|  PABRIK FACTORY |  ANAK ANAK DISCHARGE DIRECTLY |
|  PUSAT LISTRIK TENAGA AIR HYDRO POWER STATION |  SUNGAI DAN ANAK SUNGAI RIVER & TRIBUTARY |
|  PASAR MARKET |  SALURAN AIR CANAL |
|  TEMPAT POMPA AIR WATER PUMP STATION |  TALUD LEVEE |
| JALAN |  BENDUNGAN WEIR |
|  JALAN > 2 m |  PINTU AIR GATE WEIR |
|  JALAN 1 - 2 m |  RAWA SWAP |
|  JALAN SETAPAK JETTY ROAD | RELIEF |
|  JALAN SEBANG DI BANGUN UNDER CONSTRUCTION ROAD |  GARIS SAMA TINGGI CONTOUR |
|  BAGIAN JALAN CALLAN |  INDEKS GARIS SAMA TINGGI INDEX CONTOUR |
|  BAGIAN JALAN TIMBUNAN |  CEMF OR ESCARPMENT |
|  JEMBATAN BATU/SESI STONE/STEEL BRIDGE |  SUSUN CURAM |
|  JEMBATAN BAWU BAMBOO BRIDGE |  GARIS SAMA TINGGI DEPRESSI |
|  CORONG-CORONG PEMBUANG SEWERAGE COLLECT |  TEBING BERBATU |
| |  LERENG TERKROSI |

SCALE / SKALA

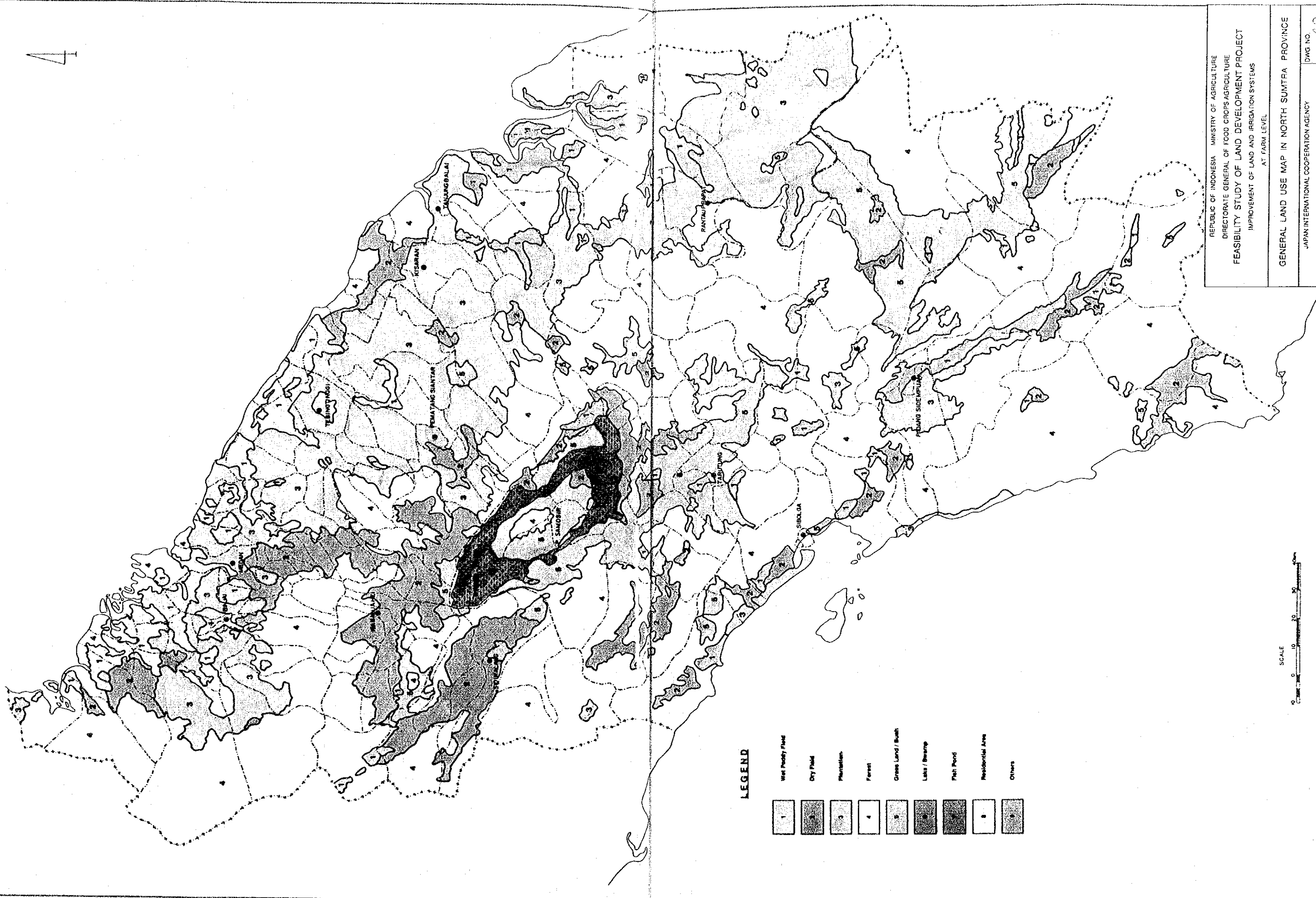


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DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

GENERAL PLAN OF REPRESENTATIVE SCHEMES
SCHEME: MONTONG SAPAH/PURI PROVINCE: WEST NUSA TENGGARA

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)

DIWG HO
41



LEGEND

- 1 Wet Paddy Field
- 2 Dry Field
- 3 Plantation
- 4 Forest
- 5 Green Land / Bush
- 6 Lake / Swamp
- 7 Fish Pond
- 8 Residential Area
- 9 Others

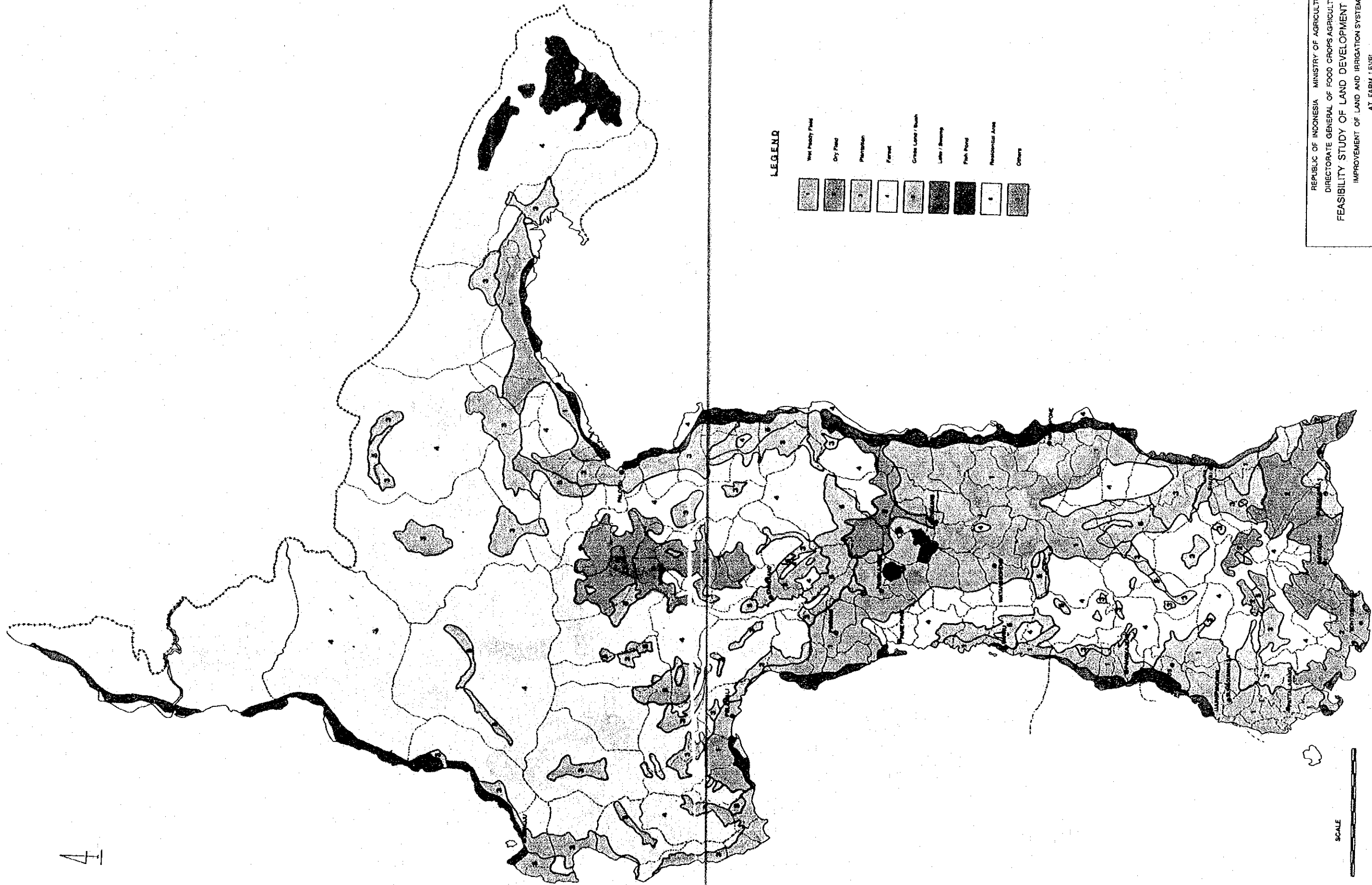


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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
 IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
 AT FARM LEVEL

GENERAL LAND USE MAP IN NORTH SUMTRA PROVINCE

JAPAN INTERNATIONAL COOPERATION AGENCY
 TOKYO (JICA)

DWG NO. 4.2



LEGEND

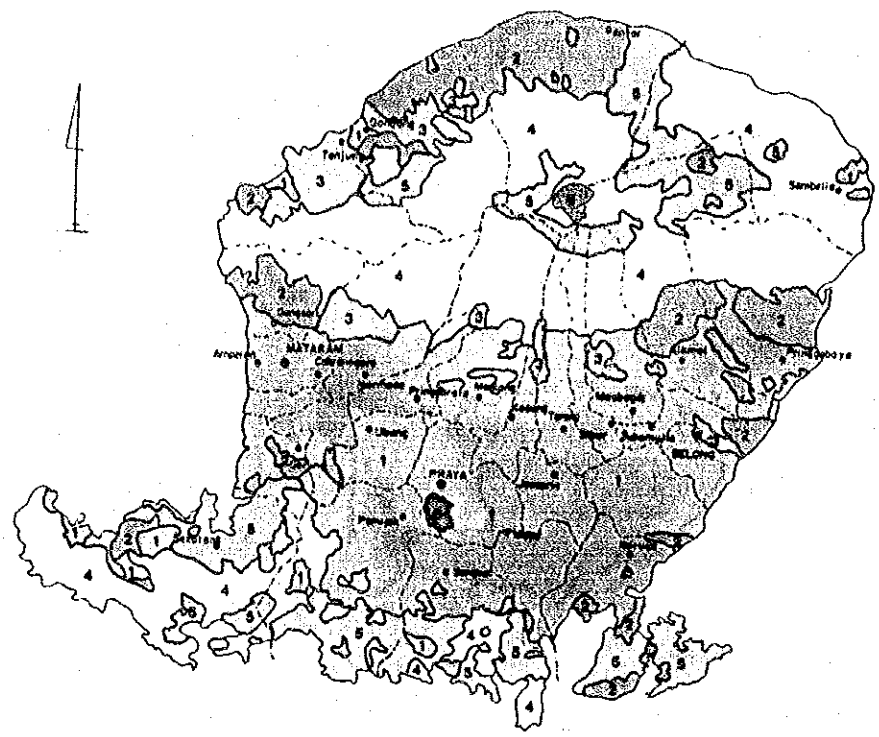
- Wet Peatly Field
- Dry Field
- Plantation
- Forest
- Cross Land / Bush
- Lake / Swampy
- Peat Field
- Residential Area
- Others

SCALE

REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
 DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
 FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
 IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
 AT FARM LEVEL

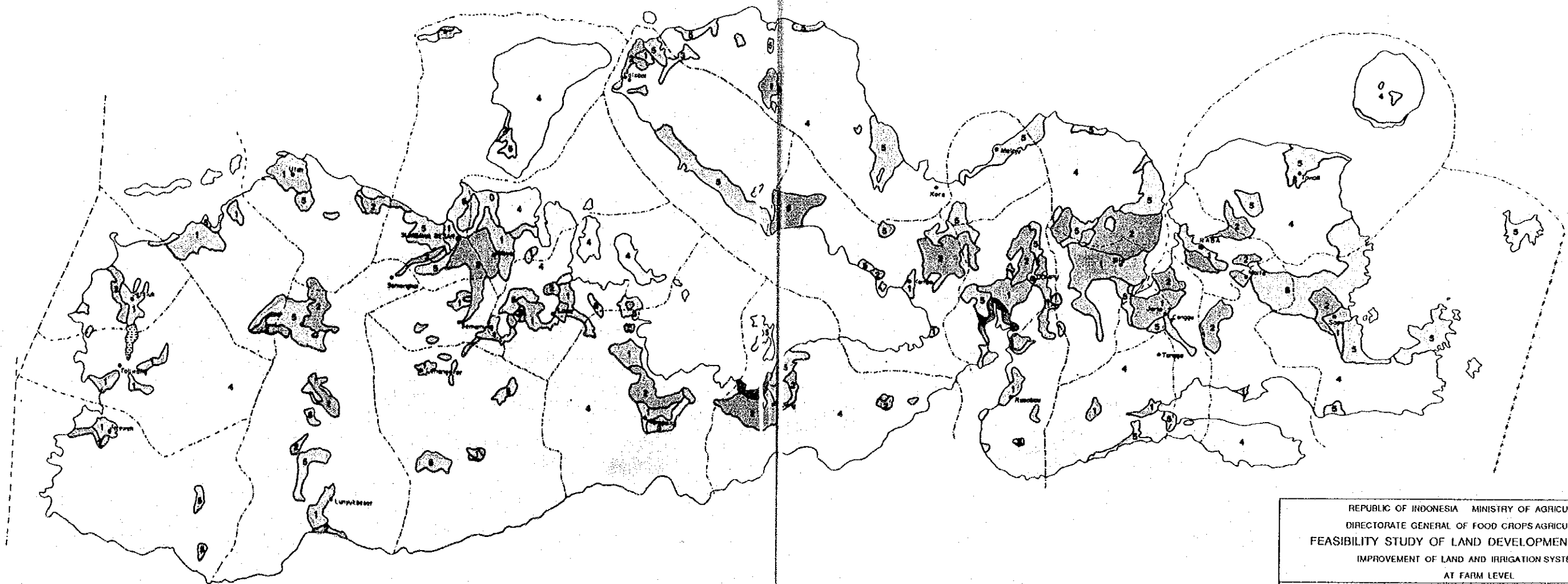
GENERAL LAND USE MAP IN SOUTH SULAWESI PROVINCE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
 TOKYO (JICA) DWG. NO. 43



LEGEND

- 1 Wet Paddy Field
- 2 Dry Field
- 3 Plantation
- 4 Perennial
- 5 Green Land / Bush
- 6 Lake / Swamp
- 7 Fish Pond
- 8 Residential Area
- 9 Others



REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
 DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
 FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
 IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
 AT FARM LEVEL

GENERAL LAND USE MAP IN WEST NUSA TENGGARA PROVINCE

JAPAN INTERNATIONAL COOPERATION AGENCY
 TOKYO (JICA)

DWG. NO. 44



LEGEND

- SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUN CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNYAN (r = Karet, op = Kelapa Sawit)
- SA GRASS LAND
SEMAX / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI

LEGENOA
LEGENO

- | | | | |
|--|-------------------------------------|--|------------------------|
| | Contour line
Garis ketinggian | | Sekolah |
| | Plan station
Stasiun | | Saluran pengaliran air |
| | River
Sungai | | Rumah |
| | Secondary canal
Saluran sekunder | | Pasar |
| | Dam
Bendungan | | Kuburan |
| | Road
Jalan | | Kios |
| | Jalan | | Kebun karet |
| | Bridges
Jembatan | | Sawah |
| | Canal
Saluran | | Rawan |
| | Block Mark
Tanda | | Kuburan |
| | | | Rawan |

SCALA / SKALA



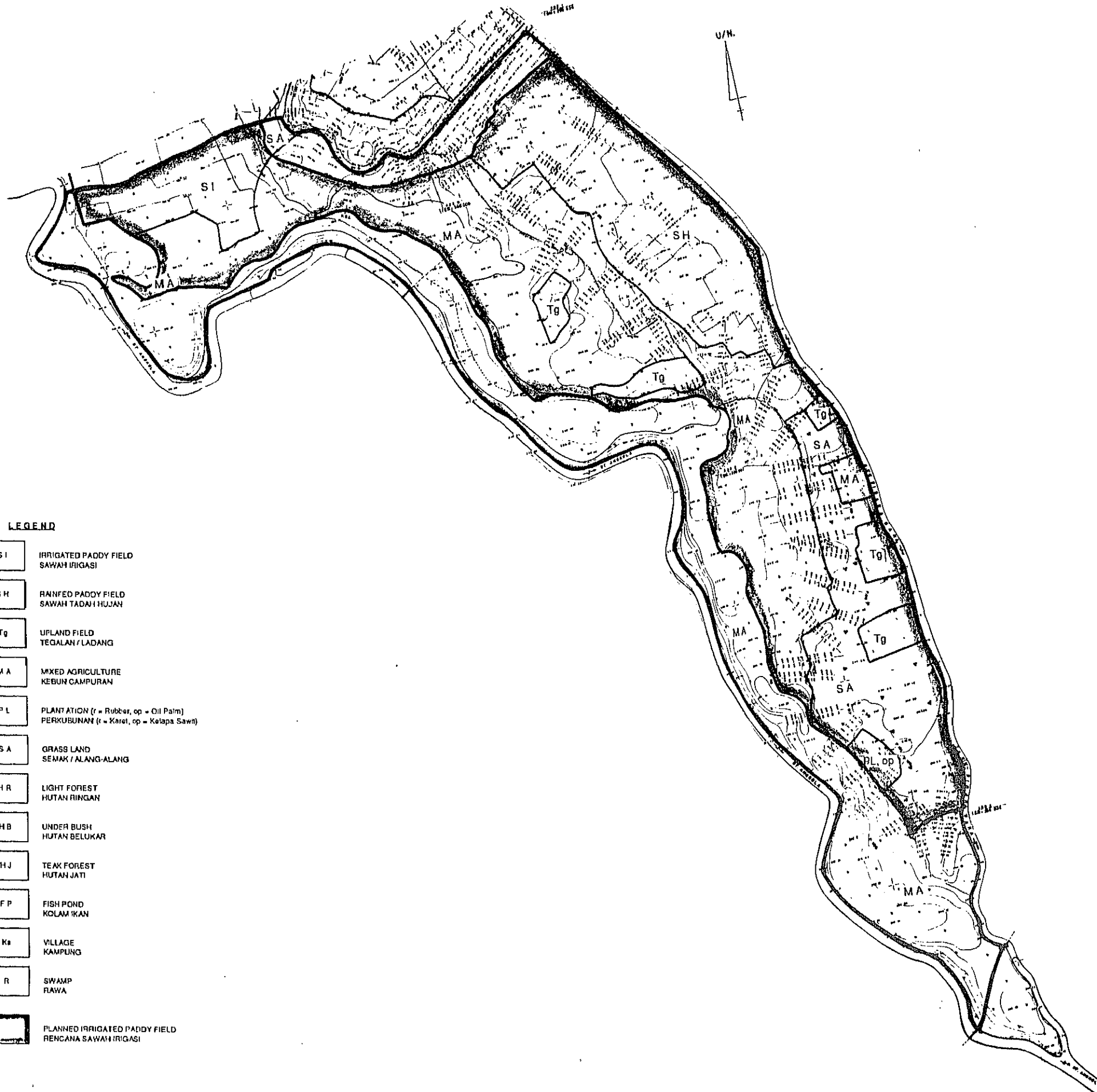
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DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

LAND USE MAP

SCHEME: BUMBARI PROVINCE: NORTH SUMATRA

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)



















DWG. NO.
45



LEGEND

- SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUN CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Karet, op = Kelapa Sawit)
- SA GRASS LAND
SEMAK / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI

**LEGENDA
LEGEND**

-  Canal
Saluran Irigasi
-  River
Sungai
-  Secondary canal
Saluran Irigasi
-  Dam
Bendungan
-  Road
Jalan
-  Jeton
Jalan
-  Bridge
Jembatan
-  Canal
Saluran Irigasi
-  Beach
Pantai
-  Subur
Rumahnya
-  House
Rumah
-  Mosque
Masjid
-  Cemetery
Kuburan
-  Rubber plantation
Karet
-  Ricefield
Sawah
-  Swamp
Rawas
-  Cemetery
Kuburan Islam
-  Grassland
Alang-alang



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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

LAND USE MAP

SCHEME: RAUNING (B) PROVINCE: NORTH SUMATRA

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)

DWG. NO.
46



LEGENDA
LEGEND

	Contour line Garis kontur		Sekolah Sekolah
	Flow direction Arah arus		Kampung Kampung
	River Sungai		Rumah Rumah
	Boundary Batas kampung		Masjid Masjid
	Demarcation Batas desa		Cemetery Kuburan
	Road Jalan		Kampung Kampung
	Track Jalan tanah		Rubber plantation Karet
	Bridge Jembatan		Rice field Sawah
	Canal Kulir		Swamp Bawa
	Bench mark Titik ketinggian		Cemetery Kuburan
			Wasteland Alang-alang

LEGEND

	IRRIGATED PADDY FIELD SAWAH IRIGASI
	RAINFED PADDY FIELD SAWAH TADAH HUJAN
	UPLAND FIELD TEGALAN / LADANG
	MIXED AGRICULTURE KEBUN CAMPURAN
	PLANTATION (r = Rubber, op = Oil Palm) PERKUBUNAN (r = Karet, op = Kelapa Sawit)
	GRASS LAND SEMAK / ALANG-ALANG
	LIGHT FOREST HUTAN RINGAN
	UNDER BUSH HUTAN BELUKAR
	TEAK FOREST HUTAN JATI
	FISH POND KOLAM IKAN
	VILLAGE KAMPUNG
	SWAMP BAWA
	PLANNED IRRIGATED PADDY FIELD RENCANA SAWAH IRIGASI

SCALA / SKALA



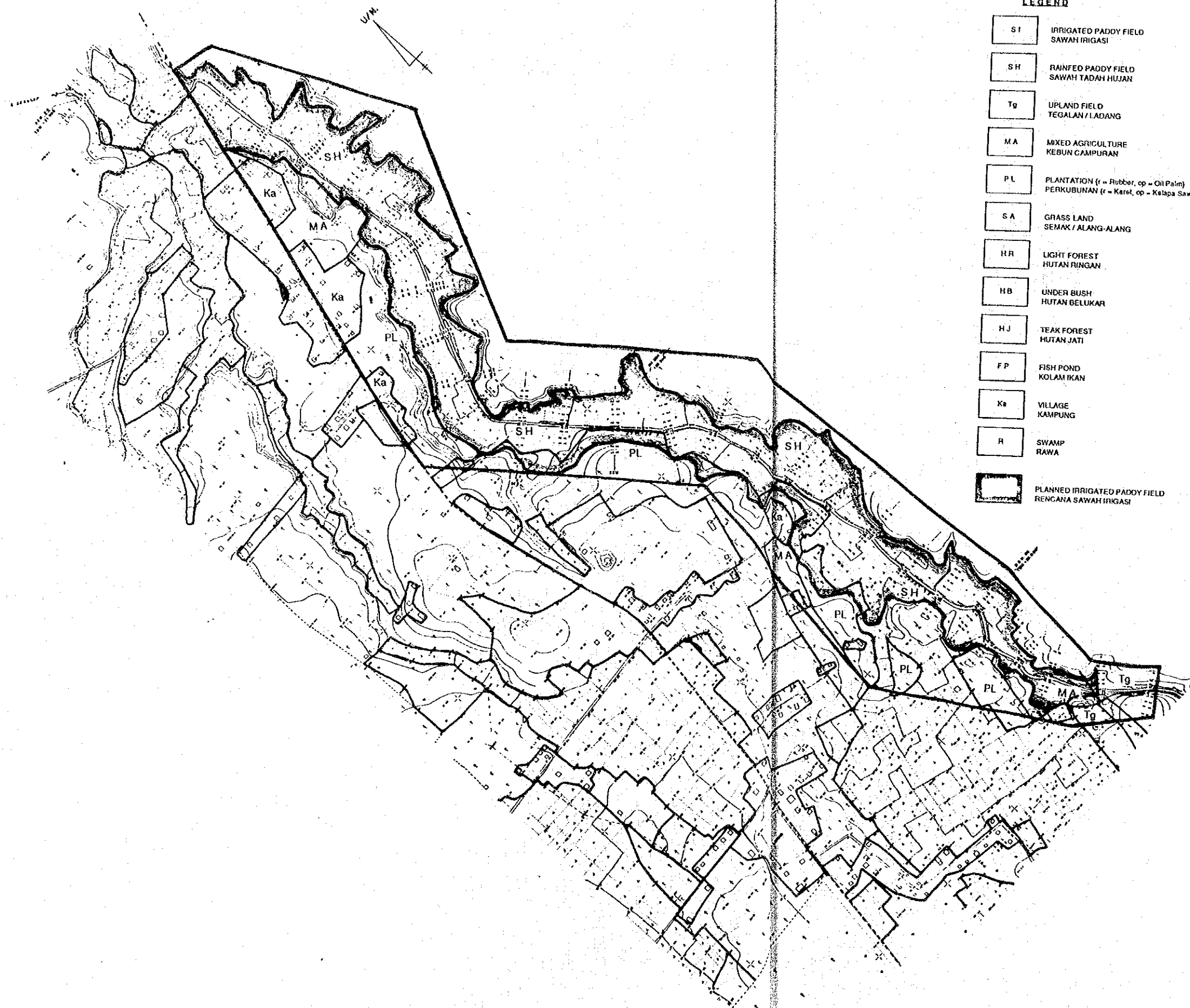
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IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

LAND USE MAP

SCHEME: GUMBUL BERAMPU PROVINCE: NORTH SUMATRA

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)

DWG. NO.
47

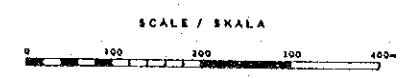


LEGEND

- SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUN CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Keret, op = Kelapa Sawit)
- SA GRASS LAND
SEMAK / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI

LEGENDA
LEGENO

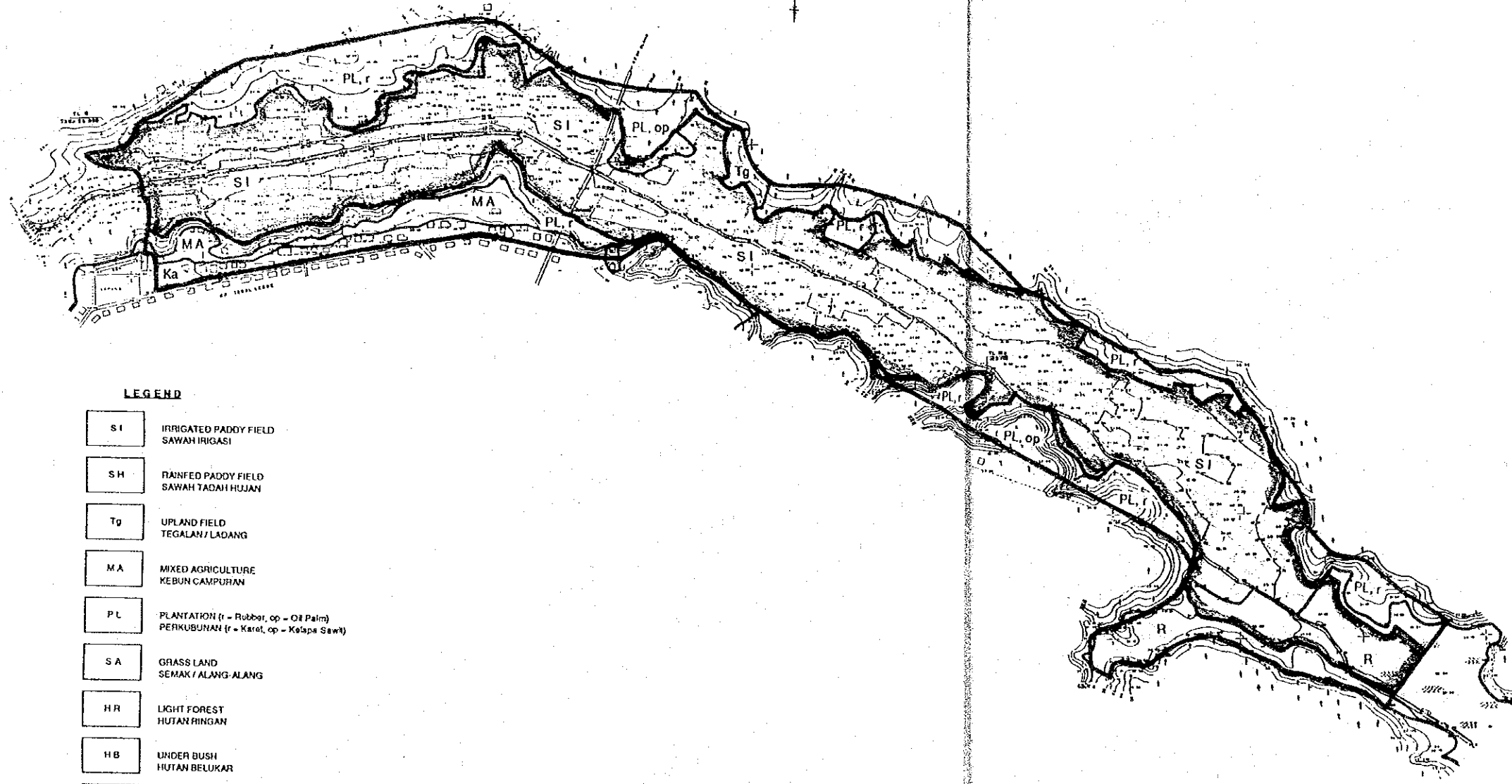
- | | | | |
|--|--------------------------------|--|---------------------------|
| | Cemetery (Gereja Katolik) | | School (Sekolah) |
| | Rice field (Rawa) | | Rice field (Rawa) |
| | River (Sungai) | | House (Rumah) |
| | Secondary road (Jalan Sekeloa) | | Mosque (Mesjid) |
| | Dam (Tembakul) | | Rice field (Rawa) |
| | Road (Jalan) | | Rubber plantation (Karet) |
| | Road (Jalan) | | Rice field (Rawa) |
| | Bridge (Jembatan) | | Rice field (Rawa) |
| | Canal (Saluran) | | Cemetery (Gereja Katolik) |
| | Bench Mark (Tiang Ukur) | | Rice field (Rawa) |



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 AT FARM LEVEL

LAND USE MAP
 SCHEME: SIDOMUKTI PROVINCE: NORTH SUMATRA

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 TOKYO (JICA) DWG. NO. 48



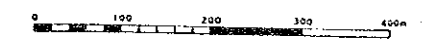
LEGEND

- | | |
|----|---|
| SI | IRRIGATED PADDY FIELD
SAWAH IRIGASI |
| SH | RAINFED PADDY FIELD
SAWAH TADAH HUJAN |
| Tp | UPLAND FIELD
TEGALAN / LADANG |
| MA | MIXED AGRICULTURE
KEBUN CAMPURAN |
| PL | PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Karet, op = Kelapa Sawit) |
| SA | GRASS LAND
SEMAK / ALANG-ALANG |
| HR | LIGHT FOREST
HUTAN RINGAN |
| HB | UNDER BUSH
HUTAN BELUKAR |
| HJ | TEAK FOREST
HUTAN JATI |
| FP | FISH POND
KOLAM IKAN |
| Ka | VILLAGE
KAMPUNG |
| R | SWAMP
RAWA |
| | PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI |

**LEGENDA
LEGEND**

- | | | | |
|--|----------------------------------|--|----------------------------|
| | Contour line
Garis ketinggian | | School
Sekolah |
| | Flow direction
Arah arus | | Kampung |
| | River
Sungai | | House
Rumah |
| | Secondary road
Jalan sekunder | | Mosque
Masjid |
| | Dam
Bendungan | | Canal
Saluran |
| | Road
Jalan | | Kampung |
| | Zoned area
Zona | | Rubber plantation
Karet |
| | Ridge
Jomban | | Rice field
Sawah |
| | Canal
Saluran | | Swamp
Rawa |
| | Black mark
Tanda hitam | | Canal
Saluran |
| | | | Swamp
Rawa |

SCALE / SKALA

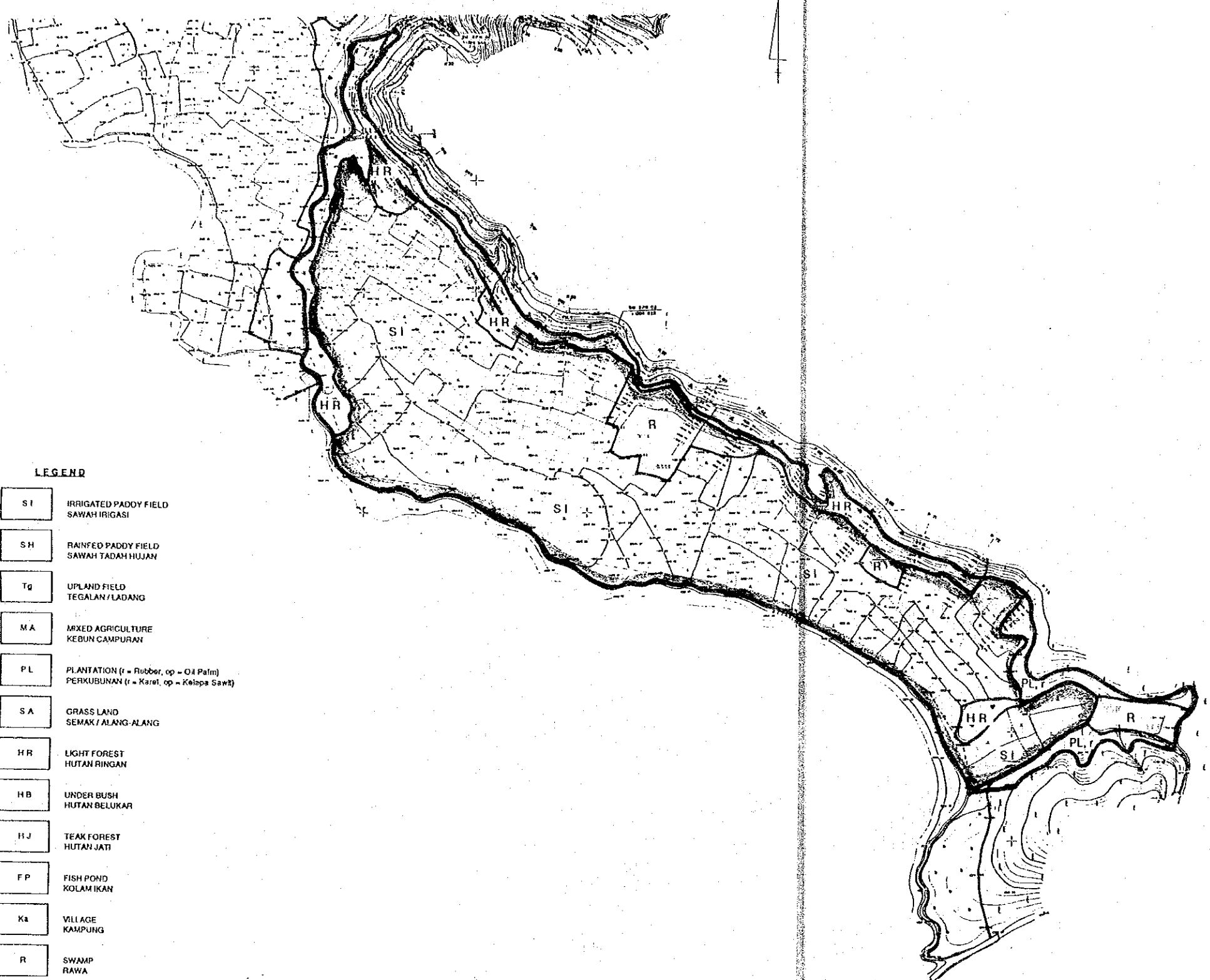


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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
 IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
 AT FARM LEVEL

LAND USE MAP

SCHEME: AEK PALIA PROVINCE: NORTH SUMATRA


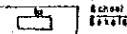







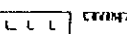

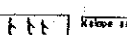

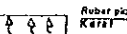

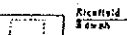

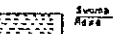

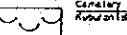


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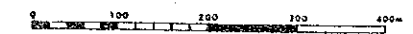
LEGEND

- SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUN CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Karet, op = Kelapa Sawit)
- SA GRASS LAND
SEMAK / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLAINED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI

LEGENDA
LEGEND

-  Contour line
Garis kontur
-  School
Sekolah
-  Plateau area
Area datar
-  River
Sungai
-  Secondary road
Ara' jalan
-  House
Rumah
-  Demarcation
Batas
-  Mosque
Mesjid
-  Road
Jalan
-  Creek
Sungai kecil
-  Jalan
Jalan
-  Kampung
Kampung
-  Bridge
Jembatan
-  Rubber plantation
Karet
-  Canal
Saluran air
-  Ricefield
Sawah
-  Swamp
Rawa
-  Boundary
Batas
-  Beach
Pantai
-  Canal
Saluran air
-  Water
Air
-  Water
Air

SCALE / SKALA



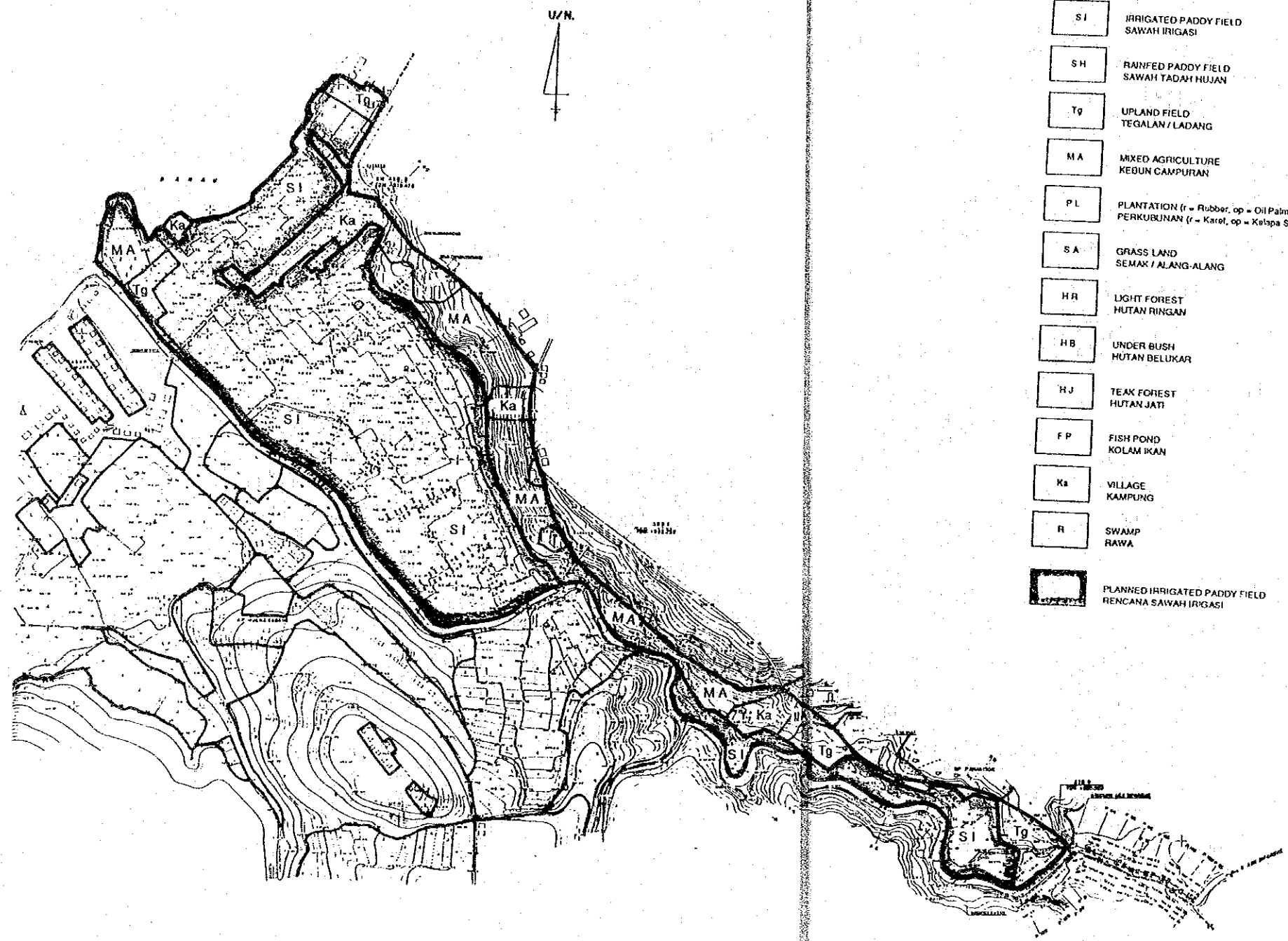
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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

LAND USE MAP

SCHEME: PANGAMBATAN (B) PROVINCE: NORTH SUMATRA

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)

DWG. NO.
50



LEGEND

- SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUN CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Karot, op = Kelapa Sawit)
- SA GRASS LAND
SEMAK / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI

LEGENDA
LEGEND

- | | | | |
|--|-----------------------------------|--|----------------------------|
| | Contour line
Garis kontur | | Road
Jalan |
| | Flow direction
Arah Alir | | Kampung |
| | River
Sungai | | Rumah |
| | Secondary canal
Saluran Sungai | | Masjid |
| | Dam
Bendungan | | Kuburan |
| | Road
Jalan | | Kampung |
| | Road
Jalan | | Pemuk. Perkebunan
Karet |
| | Bridge
Jembatan | | Kolam Ikan |
| | Canal
Saluran | | Rawah |
| | Swamp
Rawa | | Kuburan |
| | Swamp
Rawa | | Semak / Alang-alang |



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AT FARM LEVEL

LAND USE MAP
SCHEME: ABK 04PARBUE PROVINCE: NORTH SUMATRA

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TOKYO (JICA) DWG. NO. 51



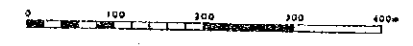
LEGEND

- SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUN CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Karet, op = Kelapa Sawit)
- SA GRASS LAND
SEMAK / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI

LEGENDA
LEGENO

- Contour line
Garis ketinggian
- Flow direction
Arah Alir
- River
Sungai
- Secondary road
Jalan kampung
- Dam
Bendungan
- Road
Jalan
- Railway
Jalan rel
- Bridge
Jembatan
- Canal
Saluran
- Marsh mark
Tanda Airgugit
- Swamp
Rawa
- Mosaic
Mosaik
- Cereals
Padi/Padi
- Rubber plantation
Karet
- Ricefield
Rawa
- Swamp
Rawa
- Canal
Saluran
- Marsh mark
Tanda Airgugit
- Swamp
Rawa
- Marsh mark
Tanda Airgugit

SCALE / SKALA



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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

LAND USE MAP

SCHEME: MUTAMALE PROVINCE: NORTH SUMATRA

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)

OWG. NO.
52



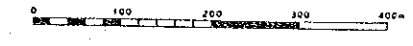
LEGEND

- SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUN CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Karet, op = Kelapa Sawit)
- SA GRASS LAND
SEMAK / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI

LEGENDA
LEGENDA

- | | | | |
|--|-----------------------------------|--|------------------|
| | Contour line
Garis kontur | | Sekolah |
| | Plan drainage
Arah alir | | Kampung |
| | River
Sungai | | Rumah |
| | Secondary canal
Saluran sungai | | Masjid |
| | Dam
Bendungan | | Pemukodan |
| | Road
Jalan | | Kampung |
| | Jalan setapak | | Perkebunan Karet |
| | Bridge
Jambatan batu/besi | | Ricefield |
| | Canal
Saluran | | Rawas |
| | Branch Mark
Tanda Saluran | | Pemukodan |
| | | | Waterstand |

SCALE / SKALA



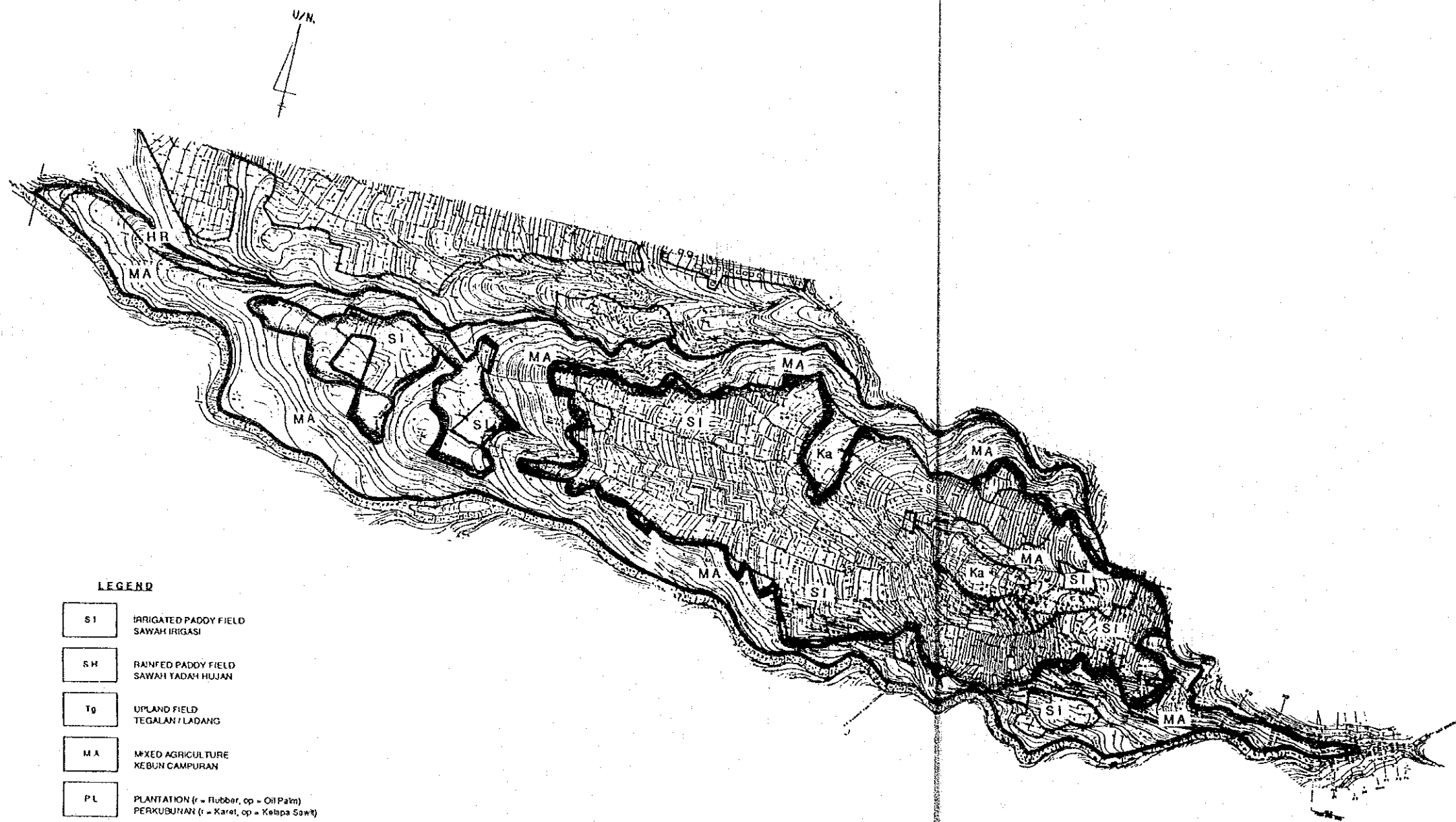
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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

LAND USE MAP

SCHEME : ASAHAN VII PENGAJIAN PROVINCE : NORTH SUMATRA

JAPAN INTERNATIONAL COOPERATION AGENCY
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LEGEND

- S1 IRRIGATED PADDY FIELD
SAWAH IRRIGASI
- SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
- Tg UPLAND FIELD
TEGALAN / LADANG
- MA MIXED AGRICULTURE
KEBUH CAMPURAN
- PL PLANTATION (r = Rubber, op = Oil Palm)
PERKUBUNAN (r = Karet, op = Kelapa Sawit)
- SA GRASS LAND
SEMAM / ALANG-ALANG
- HR LIGHT FOREST
HUTAN RINGAN
- HB UNDER BUSH
HUTAN BELUKAR
- HJ TEAK FOREST
HUTAN JATI
- FP FISH POND
KOLAM IKAN
- Ka VILLAGE
KAMPUNG
- R SWAMP
RAWA
- PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRRIGASI

LEGENDA
LEGEND

- Contour line
Garis kontur
- Flow direction
Arah Alir
- Rice
Padi
- Secondary road
Jalan Sekunder
- Dam
Tembak
- Road
Jalan
- Toll road
Jalan tol
- Bridge
Jembatan
- Canal
Saluran
- Bench mark
Titik Tingginya
- Water
Air
- Swamp
Rawa
- Cemetery
Kuburan
- Woodland
Hutan
- House
Rumah
- Kampung
Kampung
- Market
Pasar
- Cemetery
Kuburan
- Rice paddy
Sawah
- Rubber plantation
Karet
- Rice field
Sawah
- Swamp
Rawa
- Cemetery
Kuburan
- Woodland
Hutan

SCALE / SKALA

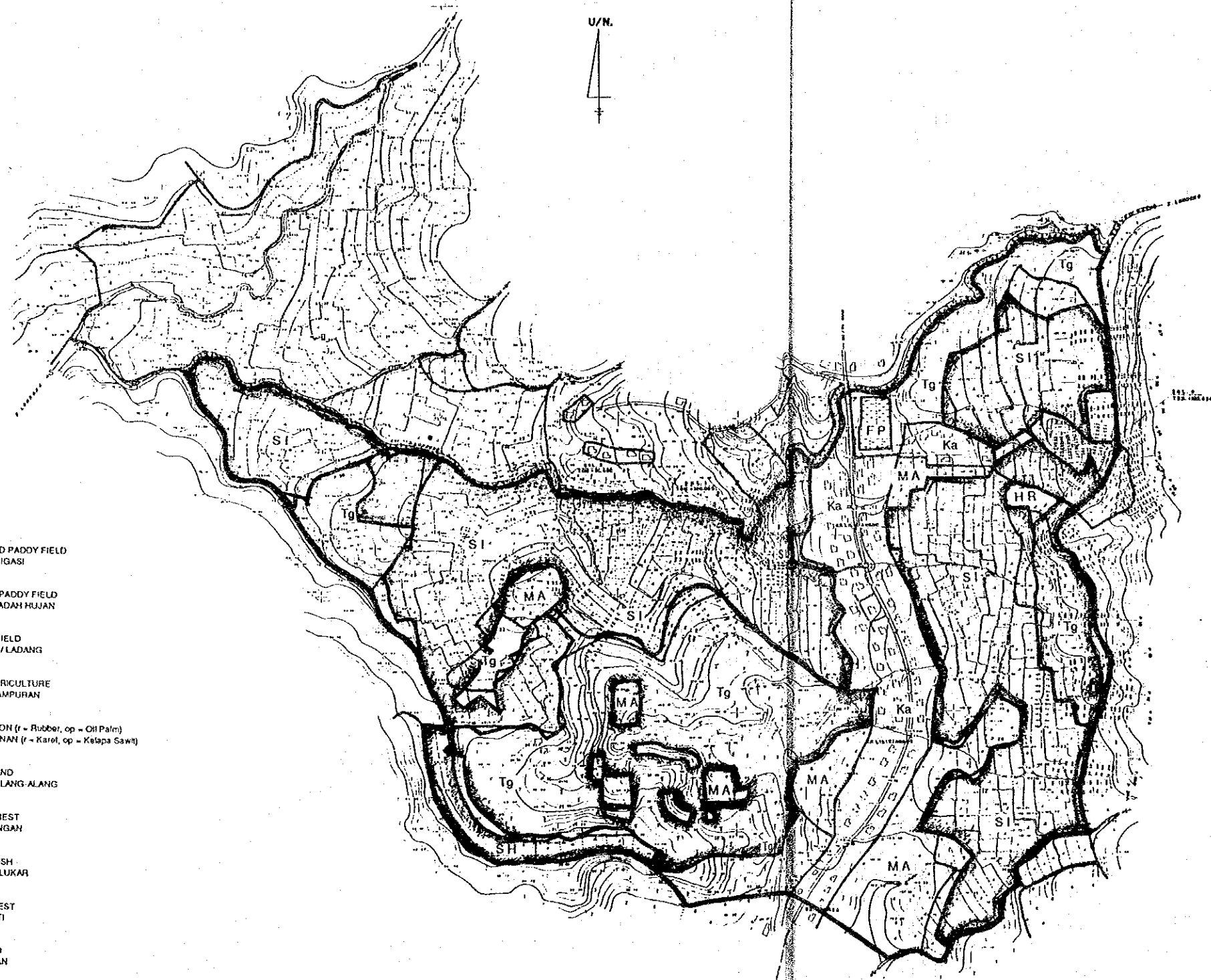


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FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

















LAND USE MAP

SCHEME: AEX BIHIM PROVINCE: NORTH SUMATRA














JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO (JICA)



LEGEND
LEGENDA

-  Contour line
Garis ketinggian
-  School
Sekolah
-  Transect post
Titik pengamatan
-  Road
Jalan
-  House
Rumah
-  Mosque
Mesjid
-  River
Sungai
-  Canal
Saluran
-  Pond
Kolam
-  Rice field
Sawah
-  Culvert
Gorong gorong
-  Coconut tree
Pohon kelapa
-  Non irrigated farming
Ladang
-  Horticulture
Tegalan
-  Mixed agriculture
Kebun campuran
-  Waterpump
Pompa air

LEGEND

-  SI IRRIGATED PADDY FIELD
SAWAH IRIGASI
-  SH RAINFED PADDY FIELD
SAWAH TADAH HUJAN
-  Tg UPLAND FIELD
TEGALAN / LADANG
-  MA MIXED AGRICULTURE
KEBUN CAMPURAN
-  PL PLANTATION (r - Rubber, op - Oil Palm)
PERKUBUNAN (r - Karet, op - Kelapa Sawit)
-  SA GRASS LAND
SEMAK / ALANG-ALANG
-  HR LIGHT FOREST
HUTAN RINGAN
-  HB UNDER BUSH
HUTAN BELUKAR
-  HJ TEAK FOREST
HUTAN JATI
-  FP FISH POND
KOLAM IKAN
-  Ka VILLAGE
KAMPUNG
-  R SWAMP
RAWA
-  PLANNED IRRIGATED PADDY FIELD
RENCANA SAWAH IRIGASI



REPUBLIC OF INDONESIA MINISTRY OF AGRICULTURE
DIRECTORATE GENERAL OF FOOD CROPS AGRICULTURE
FEASIBILITY STUDY OF LAND DEVELOPMENT PROJECT
IMPROVEMENT OF LAND AND IRRIGATION SYSTEMS
AT FARM LEVEL

LAND USE MAP

SCHEME: KALU PROVINCE: SOUTH SULAWESI

JAPAN INTERNATIONAL COOPERATION AGENCY
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DWG. NO.
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