MAP

SOUTH SULAWESI
REGIONAL AGRICULTURAL DEVELOPMENT
PLANNING/ATA-140 PROJECT

FINAL REPORT ON PHASE I
VOLUME V

BASIC MAPS FOR PLANNING ON REGIONAL AGRICULTURAL

DEVELOPMENT IN SOUTH SULAWESI PROVINCE

February 1979

MAP

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DEVELOPMENT IN SOUTH SULAWESI PROVINCE

54. 6. - 4

3725

February 1979

THE TEAM OF THE PROJECT ON SOUTH SULAWESI RADP / ATA – 140

IN UJUNG PANDANG

THE TEAM OF THE PROJECT ON SOUTH SULAWESI RACE / ATA w IXO

IN UJUNG PANDANG

Volume V.

LIST OF FIGURE
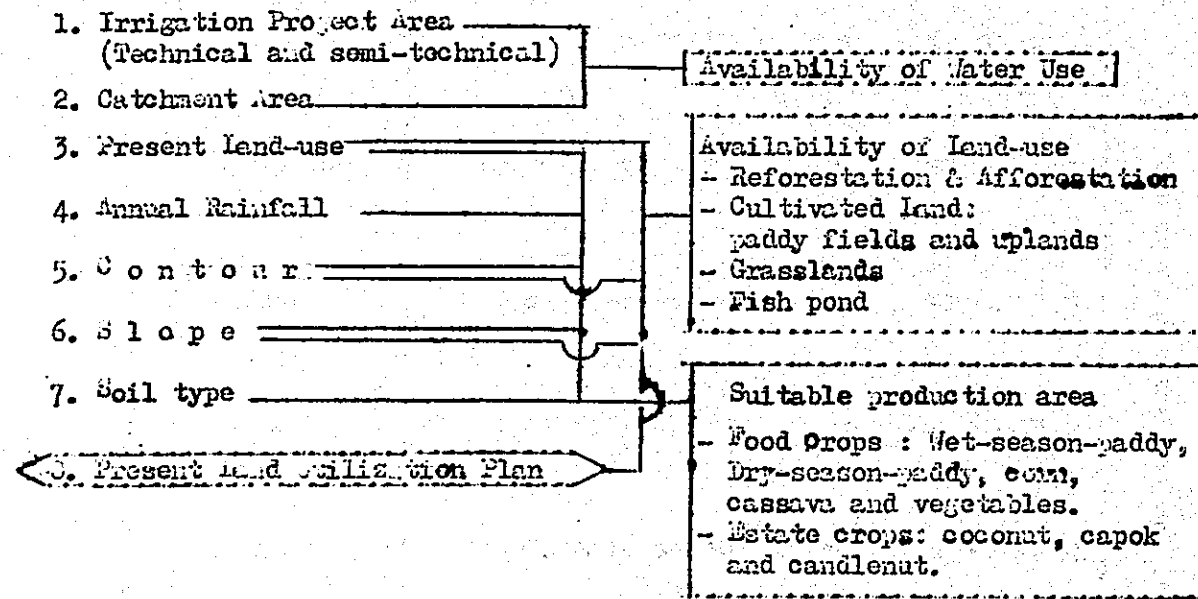
I. Introduction

1.1. Introduction

The drawing and reading of maps are necessary ways for the research and analysis of collected data for planning. Many kinds of maps will be required for the planning of regional agricultural development; but seven kinds of maps, to say the least, will be regarded as indispensable maps for the planning (Refer to Fig. 1).

Based on the consideration, mapping activity has been started by the Team, as a step of planning.

Fig. 1   The indispensable maps

Maps for Present Condition

1. Irrigation Project Area
   (Technical and semi-technical)
2. Catchment Area
3. Present Land-use
4. Annual Rainfall
5. Contour
6. Slope
7. Soil type

[Availability of Water Use]

Availability of Land-use
- Reforestation & Afforestation
- Cultivated land:
  paddy fields and uplands
- Grasslands
- Fish pond

Suitable production area
- Food Crops : Wet-season-paddy,
  Dry-season-paddy, corn,
  cassava and vegetables.
- Estate crops: coconut, capok
  and candlenut.

<8. Present Land Utilization Plan>

Note: 1 - 7 : These maps have been prepared by the authorities at
             several scales; thus they have to be drawn at the same
             scale (1:500,000) by the Team.

<........> : This map will have to be rearranged by the Team, based
            on the plan made by related authorities.

[........] : These maps were done in detail by the Team.

1.2. Classification of farmland

The estimation of land utilization in the future is suggested by Mr. M. FUNADA, a short-term Expert for soil and vegetation, and is formulated for principal crops based on soil altitude, slope, texture, fertility and acidity.

The standard for the estimation of land utilization which has been established by Mr. M. FUNADA and his counterparts, based on discussions with Ir. Farid A. Bakar, Agronomist and Ir. E.O. Momuat, Head of Department of Soil and Soil fertility, L.P.P.M., is shown as follows:

1) Collection of standard maps from authorities concerned;
2) Preparation of based maps, based on the natural conditions mentioned above;
3) Examination of each item by each commodity using table 2;
4) Group formation using table 3;
5) Land classification for farming, applying Table 1.

Table 1. Indices for land/soil utilization

Best   : All "O" - "O" 4 ÷ "△" 2
Better : "O" 3 ÷ "△" 3 - "O" 1 ÷ "△" 5
Good   : All "△" 2 ÷ "△" 3 ÷ "X" 1
Less Good : "X" 2

1) Less good : ....
2) Good   : The counter effects against it should be
           considered.

According to the method of classification for paddy fields, the condition of water resources is not included as the item in the standard mentioned above; the working plan in DPUP of South Sulawesi is expected as the more realistic data in stead of the hydrologic analysis at present, because the effective observation networks have been systematized quite recently in the Province.

Land/Soil Utilization Standard (A) Soil Type.

Commodity	Alluvial	Gley	Litosol	Regosol	Grumusol	Rensina	Andosol	Mediteran	Latosol	Lateritik	Podsolik
Seasonal crops:											
Paddy	O	O	X	△	O	△	△	O	O	X	O
Paddy Gogo	O	X	△	△	△	△	O	O	O	X	O
Corn	O	X	△	△	△	△	O	O	O	X	O
Beans	O	X	△	△	X	△	O	O	O	X	△
Cassava	O	X	O	△	X	X	O	△	△	X	△
Estate crops:											
(Sugar cane, Tobacco etc.)	O	△	X	△	△	X	O	△	△	X	△
Vegetables:	O	△	X	△	△	X	O	△	△	X	△
Perennial crops:											
Coconut Tree	O	△	X	O	O	X	△	△	△	X	△
Citrus fruit	△	X	△	△	△	X	△	O	△	X	△
Clove	△	X	X	△	△	△	△	O	O	X	O
Coffee	△	X	X	X	X	△	△	O	△	△	O

Note: O=good for use; △= suite for use; X= not exactly to be use.

Land/Soil Utilization Standard (3) Soil Condition.

Commodity	Altitude (m) 500	500/~1,000	~1,000	Gradient (%) 0-3	3-15	15-40	40	Soil condition * Loamy	Medium loamy	Medium Sandy	Soil fertility ** Fertile	Medium Fertile	Poor Medium	Soil acidity *** Al-caline	Medium acidic	Little acidic	Very acidic	Very alcali
Seasonal crops:																		
Rendengan	△	O	O	△	O	X	X	△	O	X	O	△	X	△	O	△	X	X
Paddy Gogo	O	△	O	O	O	X	X	X	O	X	O	O	△	△	△	X	X	X
Corn	O	O	O	△	O	X	X	X	O	△	O	O	O	△	△	X	X	X
Beans	O	O	O	△	O	X	X	△	O	△	O	O	X	△	X	X	X	X
Tuber-crops	O	O	O	△	O	X	X	△	O	△	O	O	△	△	△	X	X	X
Estate crops:																		
Sugar cane etc.	△	O	O	△	O	X	X	△	O	△	O	O	△	△	△	△	X	X
Vegetables:	O	O	O	△	O	X	X	△	O	△	O	O	△	△	△	X	X	X
Perennial crops:																		
Coconut tree	△	△	O	△	O	X	X	△	O	△	O	O	△	△	△	X	X	X
Citrus fruit	△	O	O	O	O	X	X	O	X	X	O	O	△	△	O	X	X	X
Clove	O	O	O	O	O	X	X	O	△	X	O	△	X	O	O	X	X	X
Coffee	O	O	O	O	O	X	X	O	△	X	O	△	△	O	O	X	X	X

Note:
*) Loamy: heavy soil/Medium: clay ~/(sandy loam) sand/
**) Fertile: no deficiency of 3 main elements/Medium: lacking one of the 3 main elements/
Poor: deficiency of more than 2 elements.
***) Alcali: PH 7.5 - 8.6/Medium: PH 7.5 - 6.0/little acid: PH 5.0 - 4.5/Acid: PH 4.5
Very alcali: 7.5 - 8.6/Alcali: 6.6 - 7.5/Medium: 5.6 - 6.6/little acid: 4.6 - 5.5/Very acid:3.6 - 4.5

1.3. Forest management in water reservation areas

In the South Sulawesi Province, rainfall condition is highly variable.

Under such circumstance, the treatments of the forests lands in water reservation area for flood control, water resource conservation and soil conservation have been studied. The function of soil and water conservation by forest is subject to soil covering and infiltration capacity of the soil. Therefore the best forest possible should be made and maintained in stabilized conditions for years.

Especially in a scarce rainfall area where water resources area highly needed, it is recommended to select the trees which have the characteristics of a little interception and transpiration loss, and to conduct sparsely spaced planting.

Due to the difficulties in measuring the natural conditions, reliable data on transpiration of tree species are hitherto scarce. Pinus merkusii which is widely planted in the region is adaptable to dry fields; however, interception and transpiration losses of this tree species are considered to be of medium level.

The outline of management guide shall be decided by following three steps based on the recommendation made by a short-term Expert, Dr. H. MURAI:

Step 1 : The whole area of the South Sulawesi Province is divided into two zones (I. II) by the mean annual rainfall. Namely, zone I is the area of over 2,500 mm. and zone II is that of less than 2,500 mm. annual rainfall. The map used for this work should have a scale of 1 : 500,000.

Step 2 : The map is subdivided by meshes of 1 cm2. Soil conditions (fertility and depth) and elevation in each mesh is classified by several categories as follows:

Table 1. Categories of soil condition and elevation

Division	Annual rainfall (mm)	Soil condition (Fertility and depth)			Elevation (M)		
		A	B	C	500	500–1000	1000
I	2,500	0	Δ	X	0	Δ	X
II	2,500	0	Δ	X	0	Δ	X

Note : If data on soil depth are not available, the judgement of soil conditions could be conducted by means of soil fertility alone.

Step 3 : As the result of combination by evaluated physical factors, a management guide is determined by the following table (Table 5).

Table 2. A management guide of each condition

Division	Combination of physical factors Soil condition	Elevation	Sub-div.	Method of regeneration	Management guide Planting density	Trees introduced and the ratio
I	0 0	0 Δ	I₁	Artificial reproduct	2,500/ha.	Economical tree species (only) (more than 2 kinds mixed in belts)
	Δ Δ X X	0 Δ 0 Δ	I₂	ditto	ditto	Economical tree species (70%). Soil improving tree species (30%) (mixed in belt)
	0 Δ X	X X X	I₃	Natural re-generation		Raise natural useful trees to good forest
II	0 0	0 Δ	II₁	Artificial reproduction	400/ha.	Economical tree species (70%). Soil improving tree species (30%)
	Δ Δ X X	0 Δ 0 Δ	II₂	ditto	ditto	Economical tree species (50%) Soil improving tree species (50%)
	0 Δ X	X X X	II₃	Natural re-generation		Raise natural useful trees to good forest

1.4. A countermeasure for the restoration of denuded forest lands

As the outline of erodible degree, the following three steps are to be decided, based on the recommendation made by Dr. H. MURAI.

Step 1 : Judgement by potential factors. Map on a scale of 1 : 500,000 is subdivided into mashes of 1 cm2 and each physical factor in the mesh is read; potential erodible degree is classified by the score of each category as shown on Table 3.

Step 2 : Judgement by actualized factor is to be made as follows:

Ground cover condition
- I. Bare land (including cultivated field, overgrazed land, forest fire land)
- II. Grassland (including open forest land, shrub land, cut-over land)
- III. Forest land.
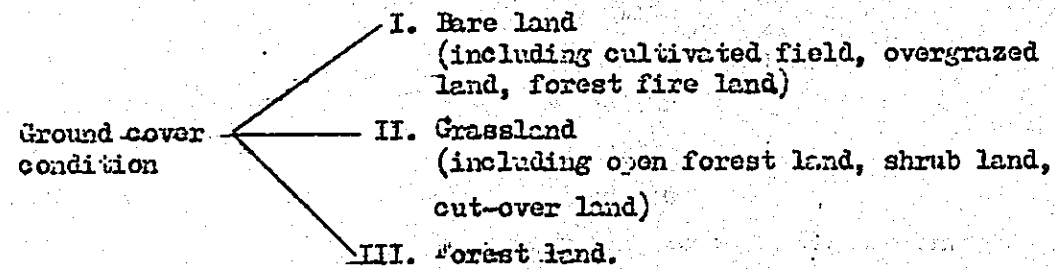
Step 3 : Synthetic judgement by combination of the potential and actualized factors is to be made as the following.

Table 3. Category and score of each physical factor

Item	1) Annual rainfall (mm)	2) Gradient (%)	3) Soil structure	4) Geological structure	Count of score
Category	2,000 2,000-5,000 5,000	15 15 - 40 40	Clay Loamy Sandy	Others Tertiary Quaternary	Range (4-12)
Score	1 2 3	1 2 3	1 2 3	1 2 3	1×2×3×4

Note: Classify by the total score as follows:

12, 11, 10	9, 8, 7,	6, 5, 4,
I	II	III

Table 4. Erodible degree & probability of erosion development.

Step 1	Step 2	Erodible degree	Probability of erosion development
I	I ⟶	HH	Spread rapidly
I	II ⟶	H	Newly occured or danger of spreading
I	III ⟶	M	Little occurred as long as undisturbed
II	I ⟶	H	Danger of spreading
II	II ⟶	M	Little occurred as long as undisturbed
II	III ⟶	L	No occurrence as long as undisturbed
III	I ⟶	M	Possible for natural regreening
III	II ⟶	L	Keep stable despite some disturbance
III	III ⟶	L	Keep stable despite some disturbance

Note: HH ⟩ H ⟩ M ⟩ L

As for the restoration works on denuded forest land, the first step is classification of bare and critical lands by the level of denudation.

The methods of restoration should be selected and decided according to the level of their denudation. Grasses have the function of erosion control suitable for the introduced trees at the first stage of bare land improvement.

II.   Analized data on the **planning**

2.1.   List of map

(scale 1/50,000)

No.	Name of Map	Source of original data/maps
1.	Present land use	Agrarian Service of South Sulawesi & Lembaga Penelitian Tanah
2.	Annual rainfall	Institute of Meteorology
3.	Altitude	Agrarian Service
4.	Gradient	ditto
5.	Soil type	Lembaga Penelitian Tanah
6.	Soil texture	ditto
7.	Soil fertility	ditto
8.	Soil acidity	ditto
9.	Geology	Direktorat Geologi, Departemen Pertambangan
10.	Land classification for paddy field area	Map No. 3 - No. 8
11.	Land classification for upland paddy	Map No. 2 - No. 8
12.	Land classification for corn	ditto
13.	Land classification for cassava	ditto
14.	Land classification for peanut	ditto
15.	Land classification for horticulture	ditto
16.	Land classification for citrus fruit	ditto
17.	Land classification for estate crops	ditto
18.	Land classification for coconut	ditto
19.	Land classification for coffee	ditto
20.	Land classification for clove	ditto

No.	Name of Map	
21.	Land classification for erodible degree in forest area	Map No. 1-No. 3, No.6, No.9
22.	Land classification for management guide of forest area	Map No.1 - No.3, No.7
23.	Land classification for reclamation in forest area	Map No.1 - No.4, No.6, No.7, No. 21
24.	Land classification for reclamation in grass land area	Map No.1 - No.4, No.6, No.7, No.12 - No.16, No.21
25.	Land classification for suitable cultivated area in shifting cultivation area	Map No.1, No.3, No.12 - No.16
26.	Land classification for suitable cultivated area in upland area	Map No.1, No.3, No.12 - No.16
27.	Irrigated area	Map No.1, D.P.U. Pengairan, Sulsel.
28.	Land use Plan map	
29.	Map of water catchment area	
30.	Population Density.	

Note: The error of total acreage is about 5%, between the
statistic data and the drafted map by mash.

2.2.   M a p s:

Analized maps mentioned above are shown in
the following pages 5 to 34.

1. PRESENT LAND USE MAP
SOUTH SULAWESI PROVINCE

PETA PENGGUNAAN TANAH
PROPINSI SULAWESI SELATAN

SCALE : 1 : (1.000.000) / 70 %
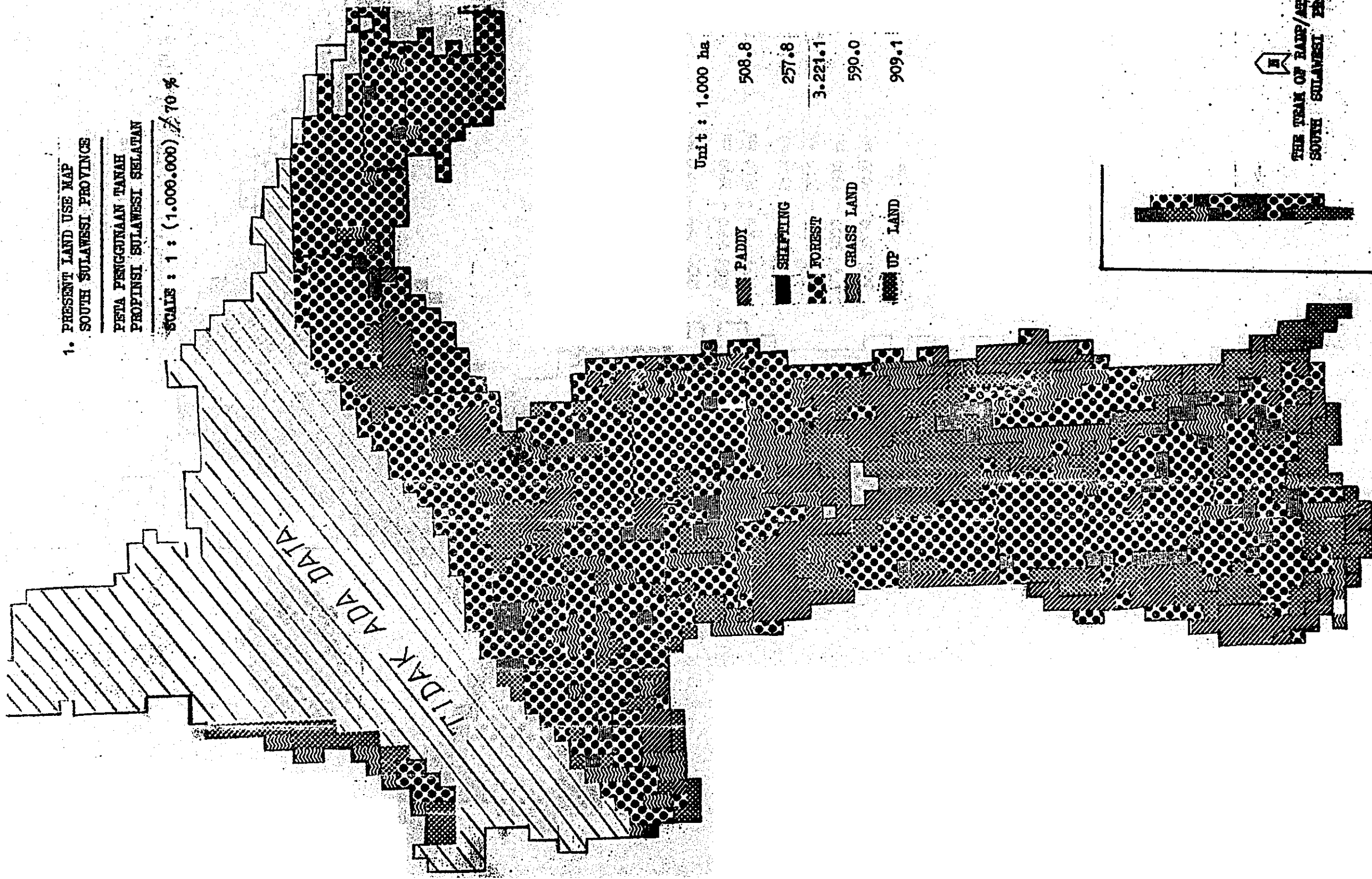
Unit : 1.000 ha.

PADDY		508.8
SHIFTING		257.8
FOREST		3.221.1
GRASS LAND		590.0
UP LAND		909.1

TIDAK ADA DATA

THE TRIAL OF LAND/AREA
SOUTH SULAWESI EAST
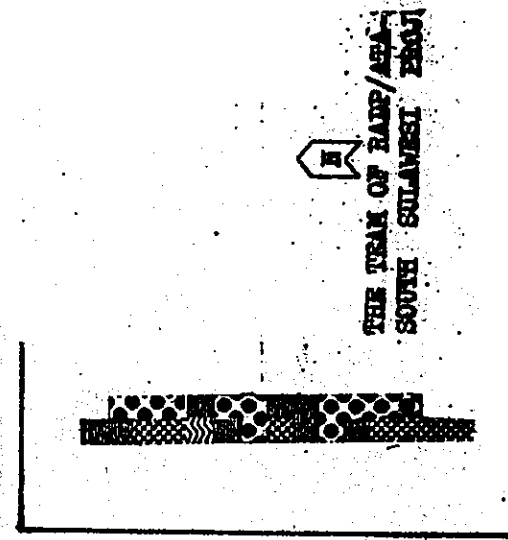
2. ANNUAL RAINFALL MAP

PETA CURAH HUJAN

SCALE : 1 : (1,000,000) /: 70 %
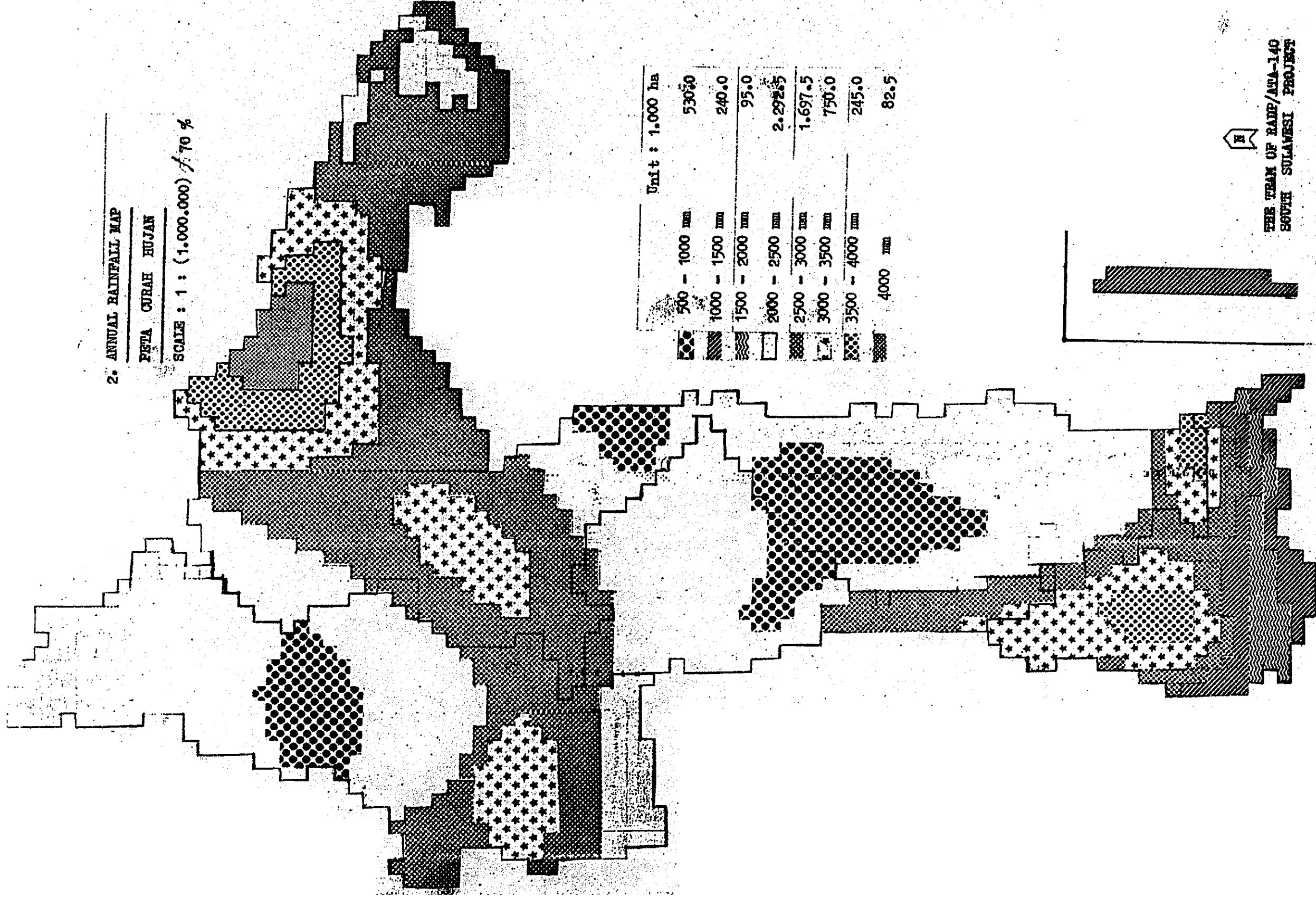
Unit : 1,000 ha

500 — 1000 mm.		530.0
1000 — 1500 mm		240.0
1500 — 2000 mm		95.0
2000 — 2500 mm		2.292.5
2500 — 3000 mm		1.697.5
3000 — 3500 mm		750.0
3500 — 4000 mm		245.0
4000 mm		82.5

N

THE TEAM OF HADP/ATA-140
SOUTH SULAWESI PROJECT

3. ALTITUDE MAP

PETA KETINGGIAN

SCALE : 1: (1.000.000) /70 %
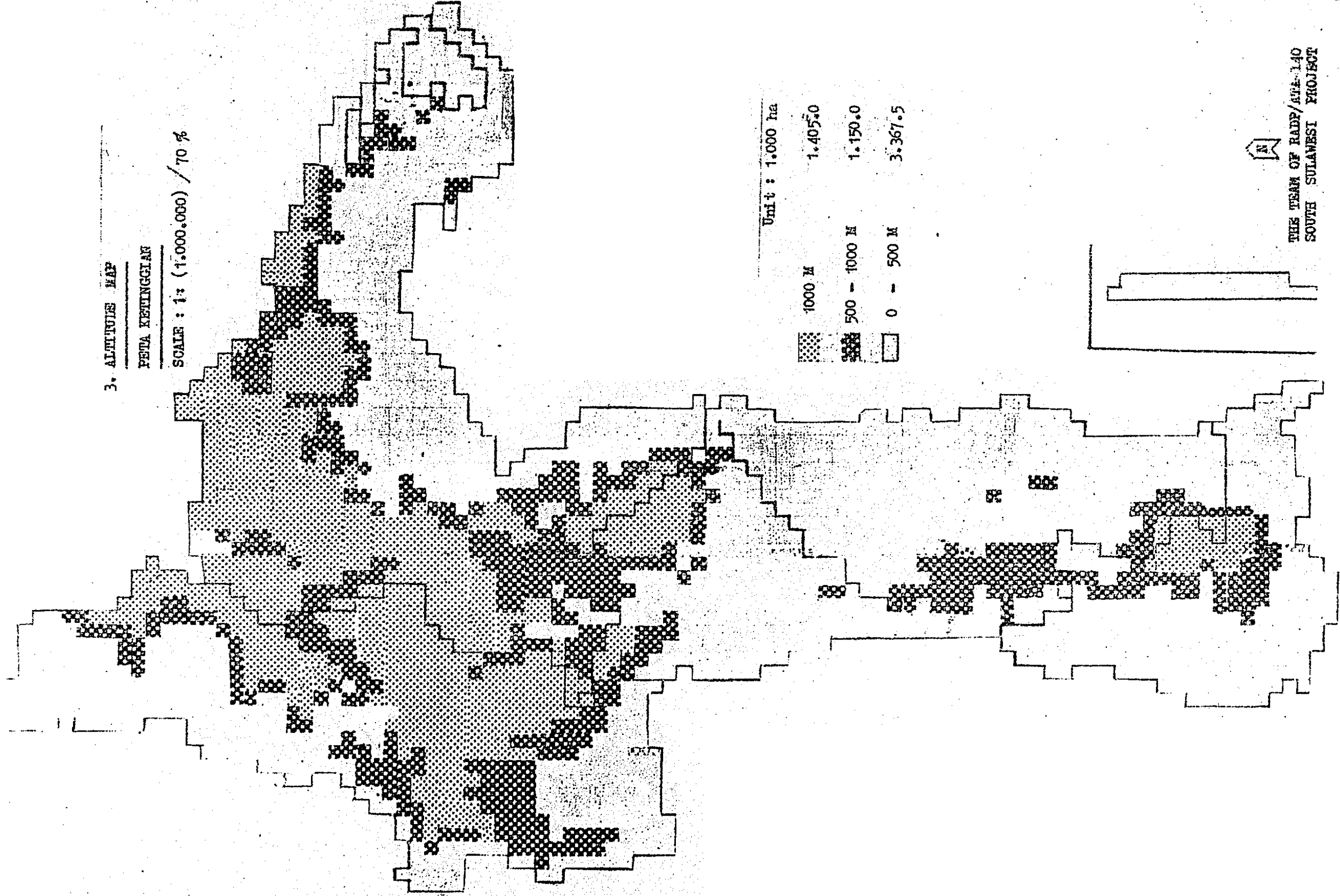
Unit : 1.000 ha

1000 M 1.405.0

500 — 1000 M 1.150.0

0 — 500 M 3.367.5

N

THE TEAM OF RADP/ATA-140
SOUTH SULAWESI PROJECT

4. GRADIENT MAP

PETA KEMIRINGAN

SCALE : 1 : (1.000.000)

TIDAK ADA DATA
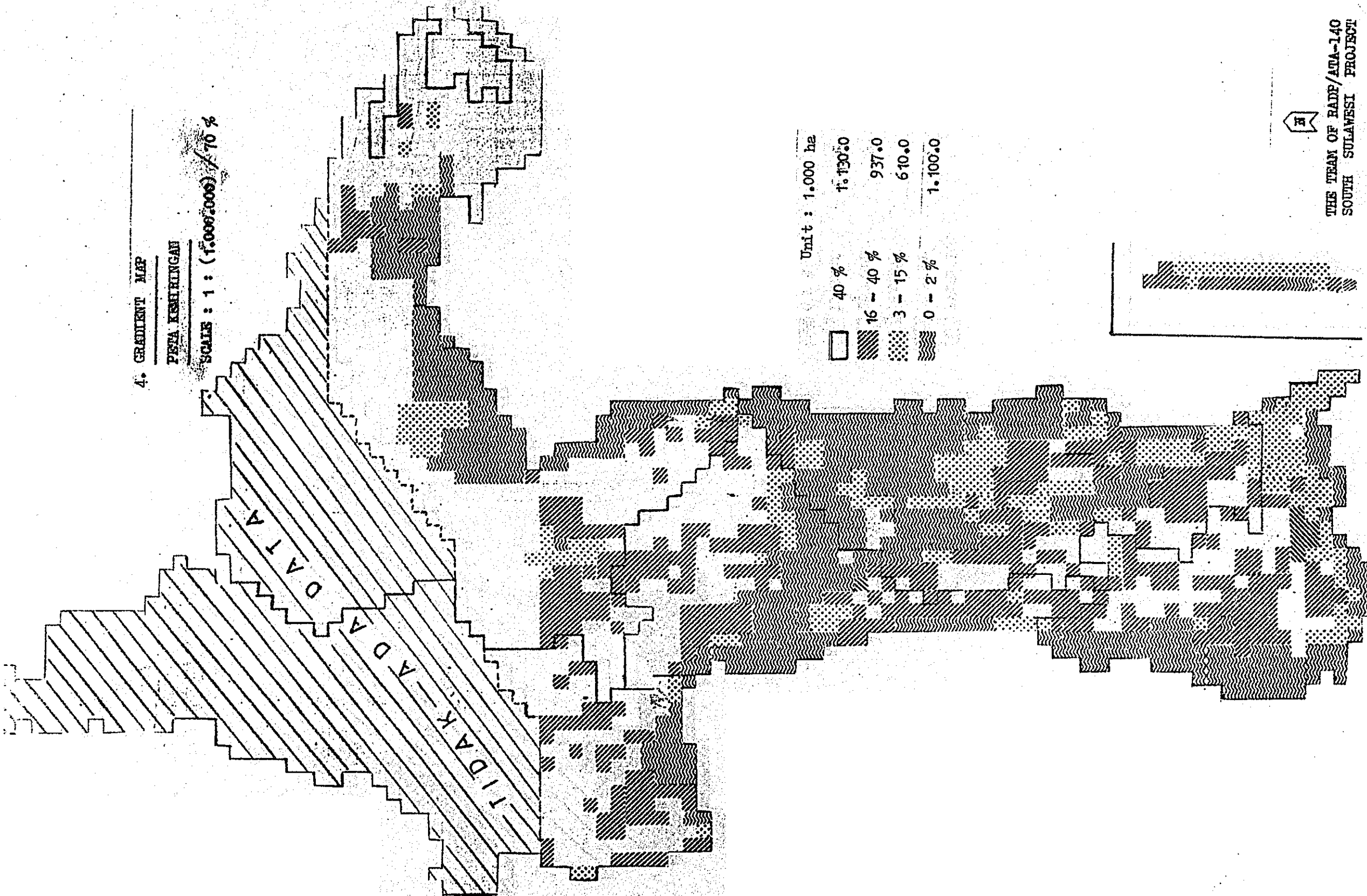
Unit : 1.000 ha

40 %   1.130.0
16 - 40 %   937.0
3 - 15 %   610.0
0 - 2 %   1.100.0

5. SOIL TYPE MAP

PETA MACAM TANAH

SCALE : 1 : (1.000.000)
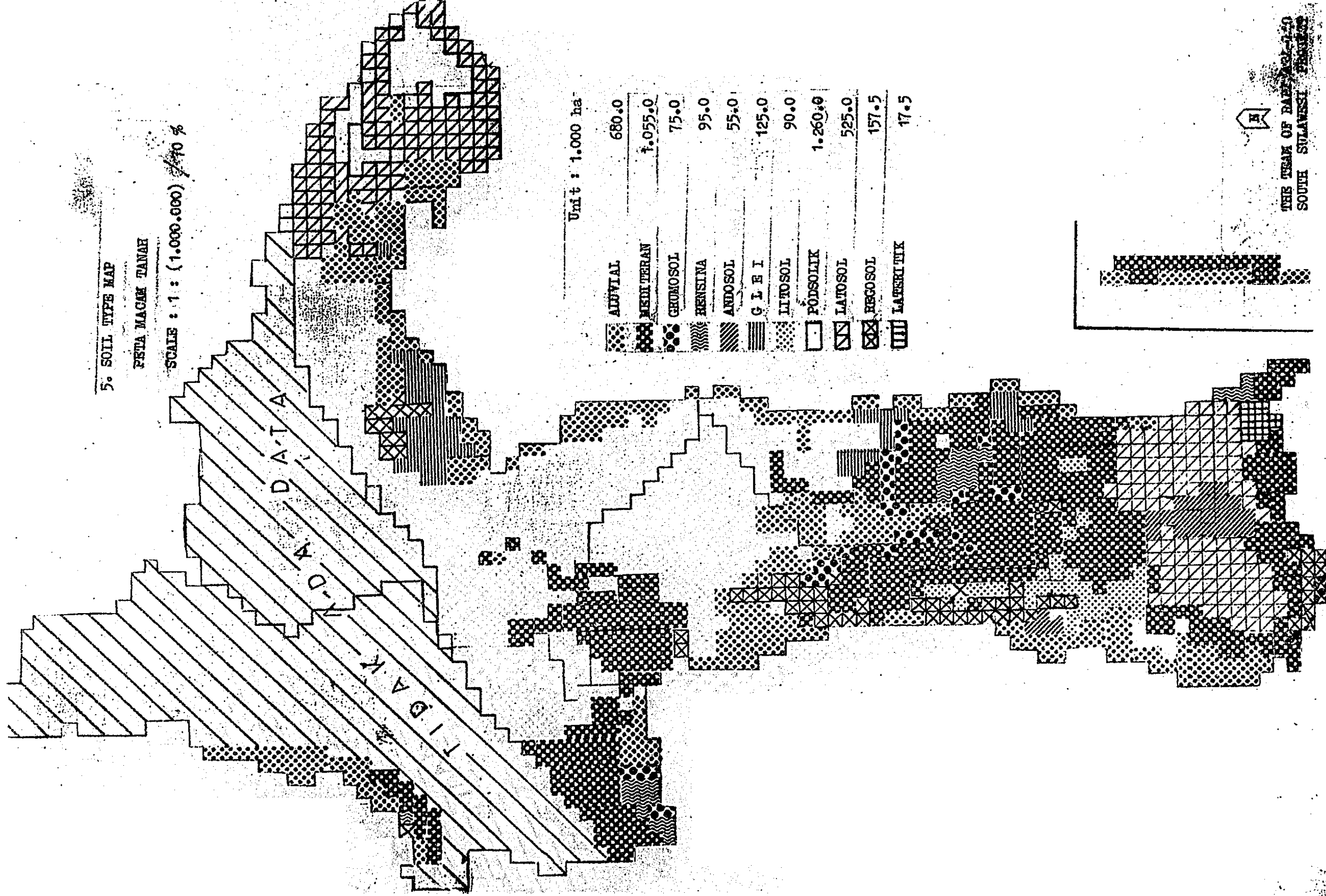
Unit : 1.000 ha-

ALUVIAL		680.0
MEDITERAN		1.055.0
GRUMOSOL		75.0
RENSINA		95.0
ANDOSOL		55.0
G L E I		125.0
LITOSOL		90.0
PODSOLIK		1.260.0
LATOSOL		525.0
REGOSOL		157.5
LATERIT THK		17.5

D-A-T-A

T-I-D-A-K

THE TEAM OF BAPPEDA-210
SOUTH SULAWESI PROJECT

5. SOIL TEXTUR MAP

PETA TEKSTUR TANAH

SCALE : 1 : (1.000.000) /70 %
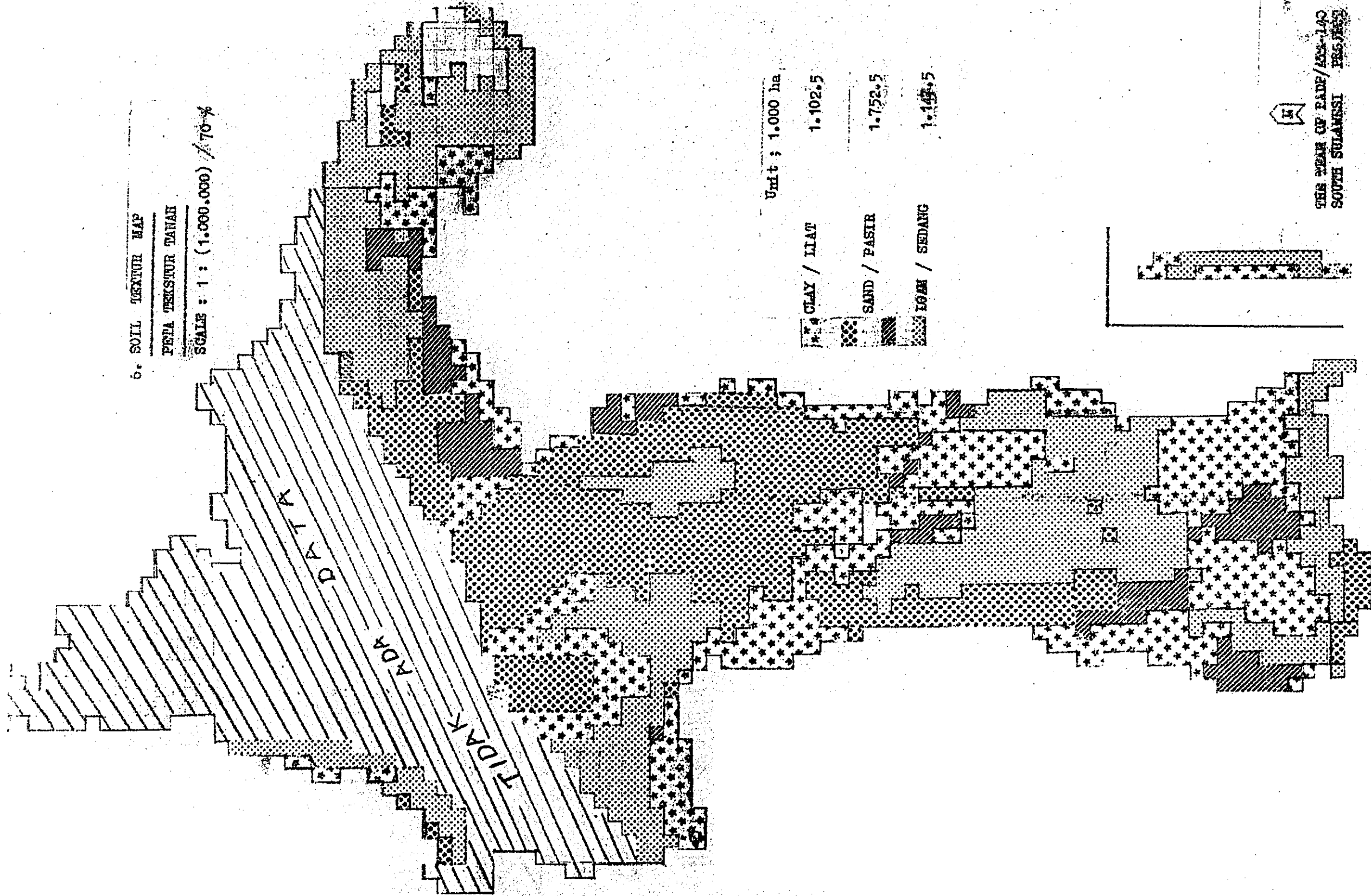
Unit : 1.000 ha

CLAY / LIAT	1.102,5
SAND / PASIR	1.752,5
LOAM / SEDANG	1.142,5

DATA

ADA

TIDAK

THE YEAR OF EADP/KODA-140
SOUTH SULAWESI PROJECT

7. SOIL FERTILITY MAP

PETA KESUBURAN TANAH

SCALE : 1 : (1,000,000) / 70 %
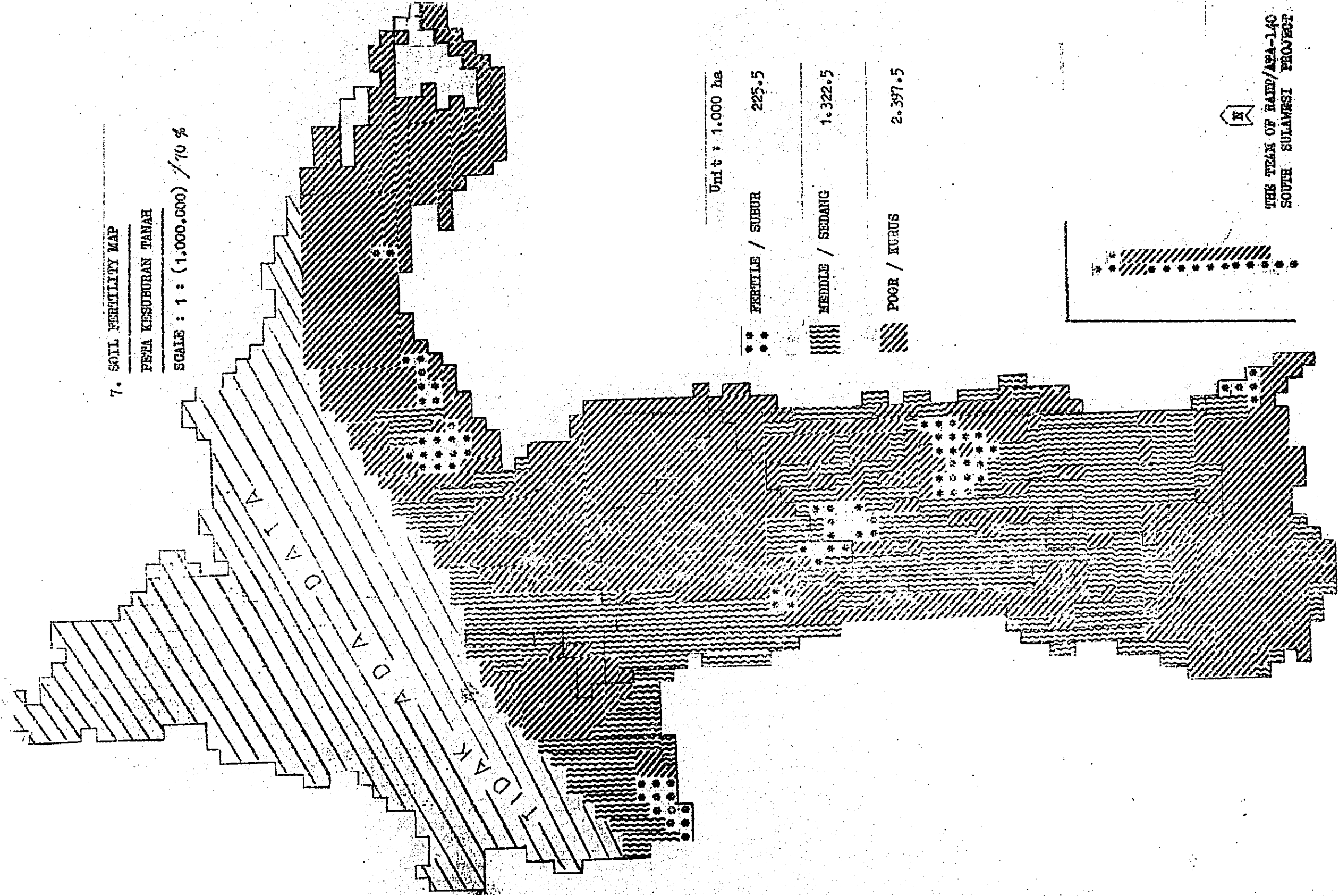
Unit : 1,000 ha

FERTILE / SUBUR   225.5

MIDDLE / SEDANG   1,322.5

POOR / KURUS   2,397.5
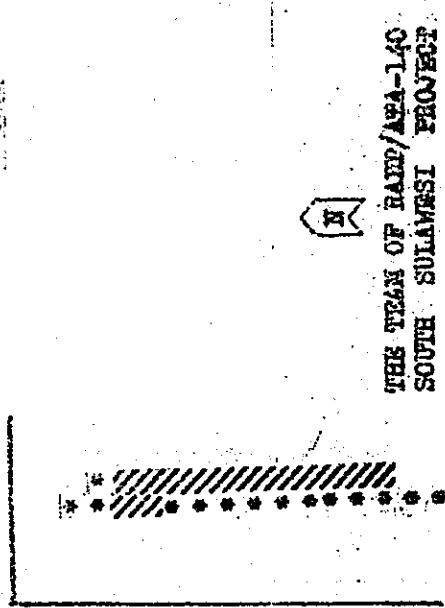
PETA PH. TANAH

SCALE : 1 : (1.000.000) /70 %

DATA
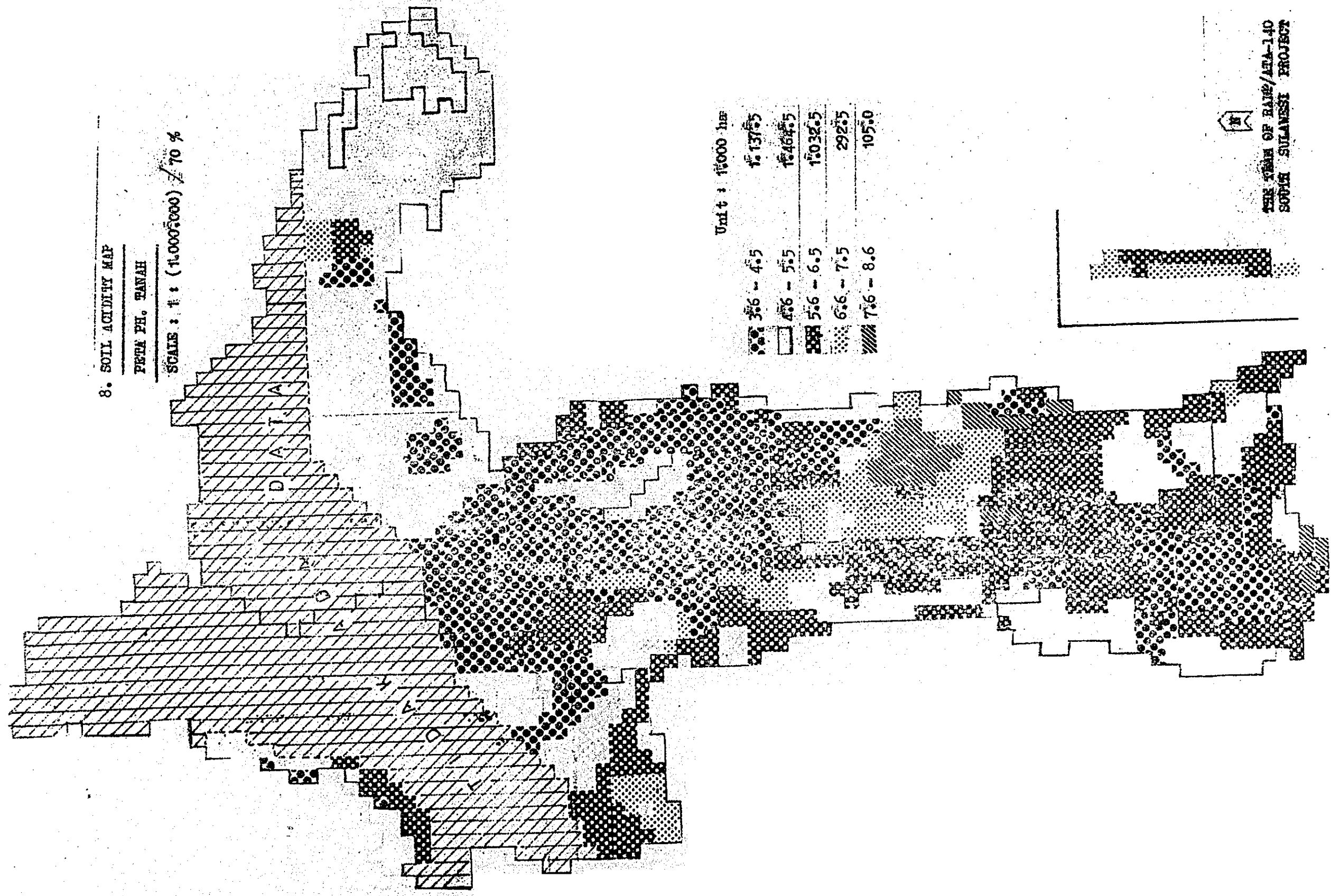
Unit : 1000 ha

pH	1000 ha
3.6 - 4.5	1.137.5
4.6 - 5.5	1.466.5
5.6 - 6.5	1.032.5
6.6 - 7.5	292.5
7.6 - 8.6	105.0

N

THE TEAM OF RAN#/APA-140
SOUTH SULAWESI PROJECT

9. GEOLOGI MAP

PETA GEOLOGI

SCALE : 1 : (1:600,000) / 70 %

Unit : 1,000 ha

THE OTHERS   7525.

TERTIARY   3,747.5

QUARTERNARY   1,422.5

N

12. LAND CLASSIFICATION FOR PADDY FIELD AREA

PETA PENGGUNAAN TANAH PADI SAWAH

SCALE ; 1 : (1.000.000) : 70 %

Unit ; 1.000 ha

VERY GOOD/BAIK SEKALI		877.5
GOOD / BAIK		1.190.0
FAIR/MASIH BAIK		547.5
POOR/KURANG BAIK		110.0
SLOPE/KEMIRINGAN ⟩ 40 %		16310.0

THE TEAM OF RADP/ADA-140
SOUTH SULAWESI PROJECT

TIDAK ADA DATA
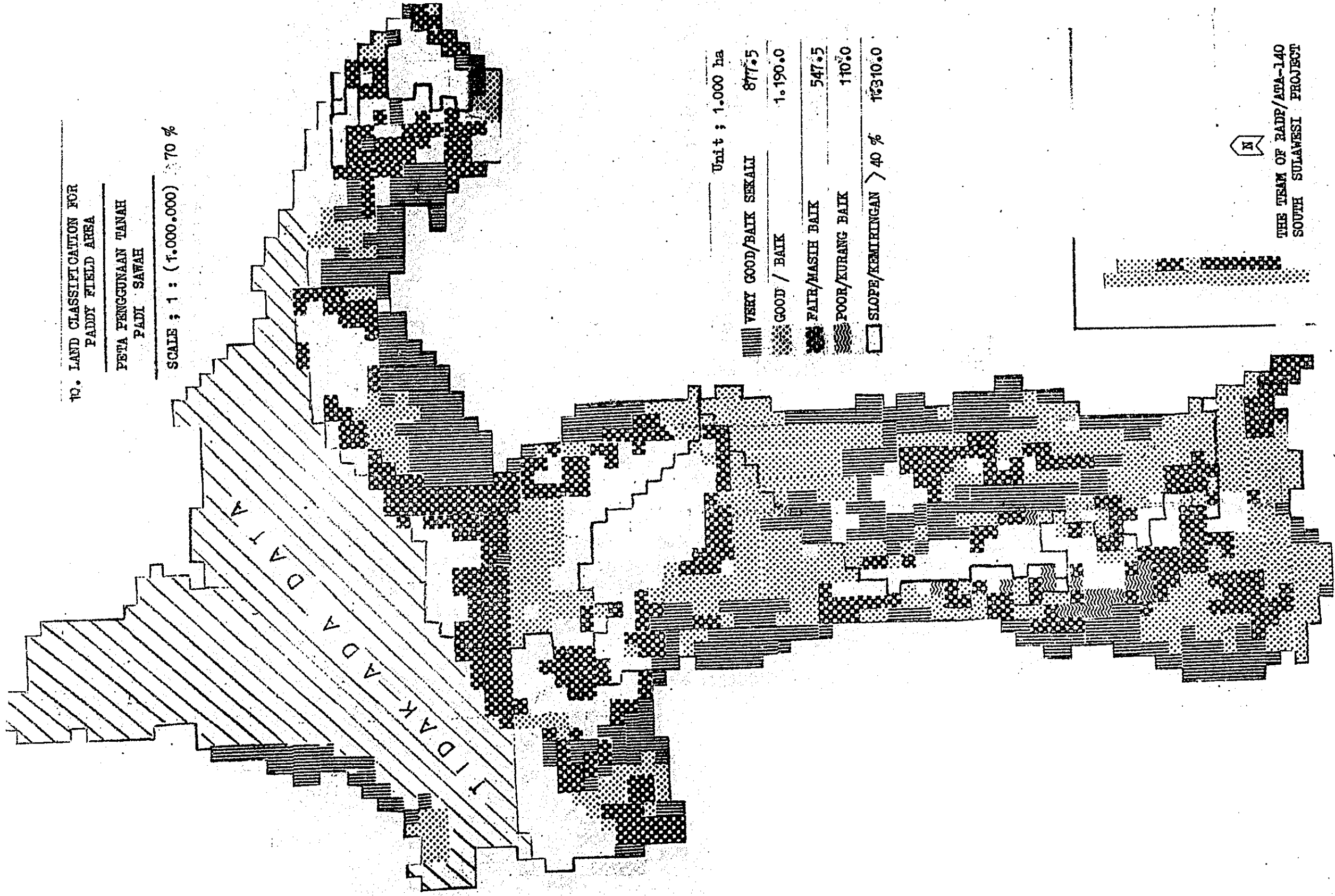
11. LAND CLASSIFICATION FOR
UPLAND PADDY MAP

PETA PENGGUNAAN TANAH
PADI GOGO

SCALE : 1 : (1.000.000) / 70 %

TIDAK ADA DATA

Unit : 1.000 ha

VERY GOOD/BAIK SEKALI	230.0
GOOD / BAIK	305.0
FAIR/MASIH BAIK	1.435.0
POOR/KURANG BAIK	755.0
SLOPE/KEMIRINGAN > 40 %	1.310.0

N
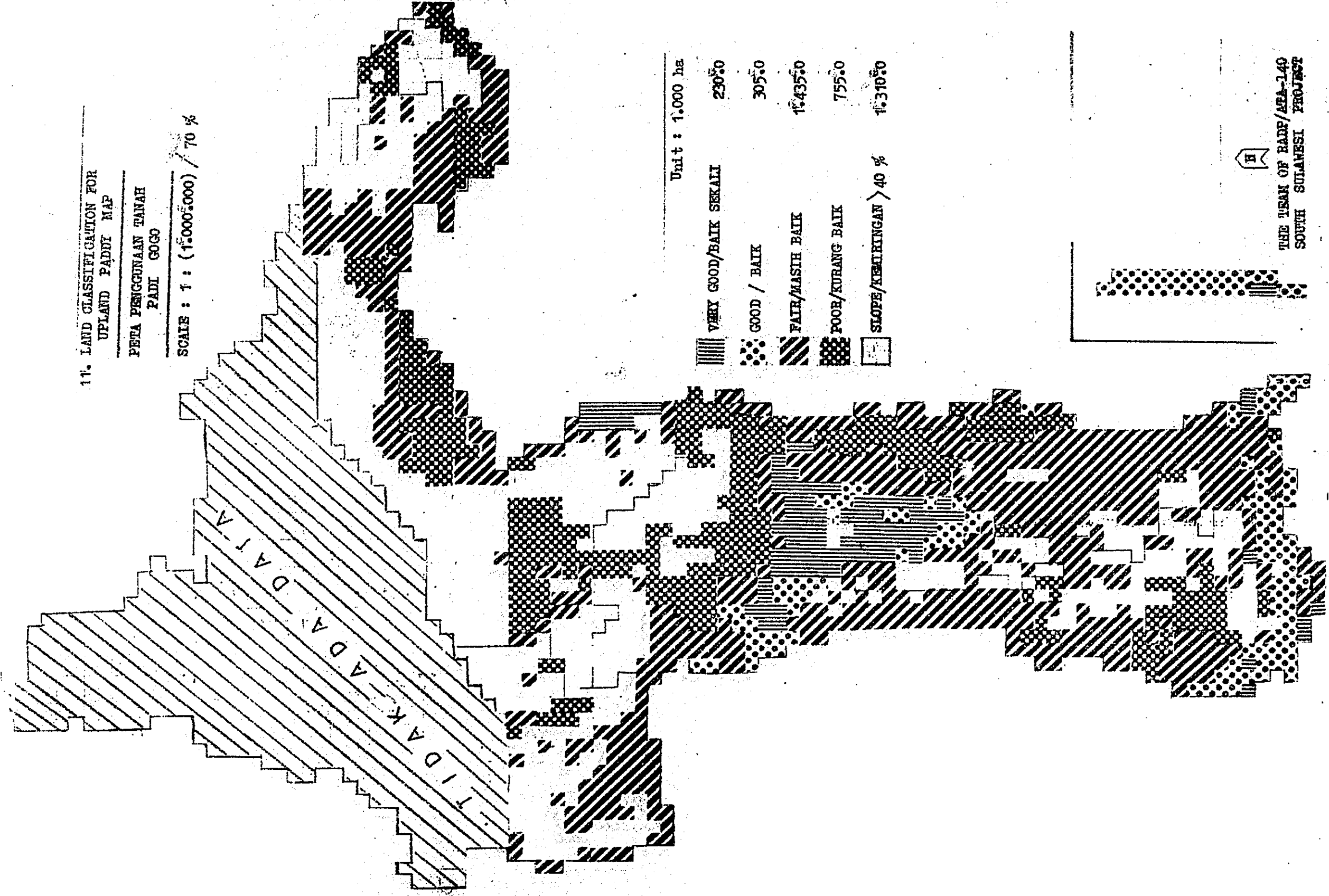
12. LAND CLASSIFICATION FOR
    CORN MAP

PETA PENGGUNAAN TANAH
    JAGUNG

SCALE : 1 : (1.000.000) / 70 %

Unit : 1.000 ha

▦	VERY GOOD/BAIK SEKALI	240.0
⁙	GOOD / BAIK	270.0
▨	FAIR/MASIH BAIK	992.5
▦	POOR/KURANG BAIK	1.222.5
☐	SLOPE/KEMIRINGAN 〉40 %	1.310.0

THE TEAM OF RADP/ADB-140
SOUTH SULAWESI PROJECT

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13. LAND CLASSIFICATION FOR CASSAVA MAP

PETA PENGGUNAAN TANAH
UBI-UBIAN

SCALE : 1 : (1.000.000) / 70 %

TIDAK ADA DATA
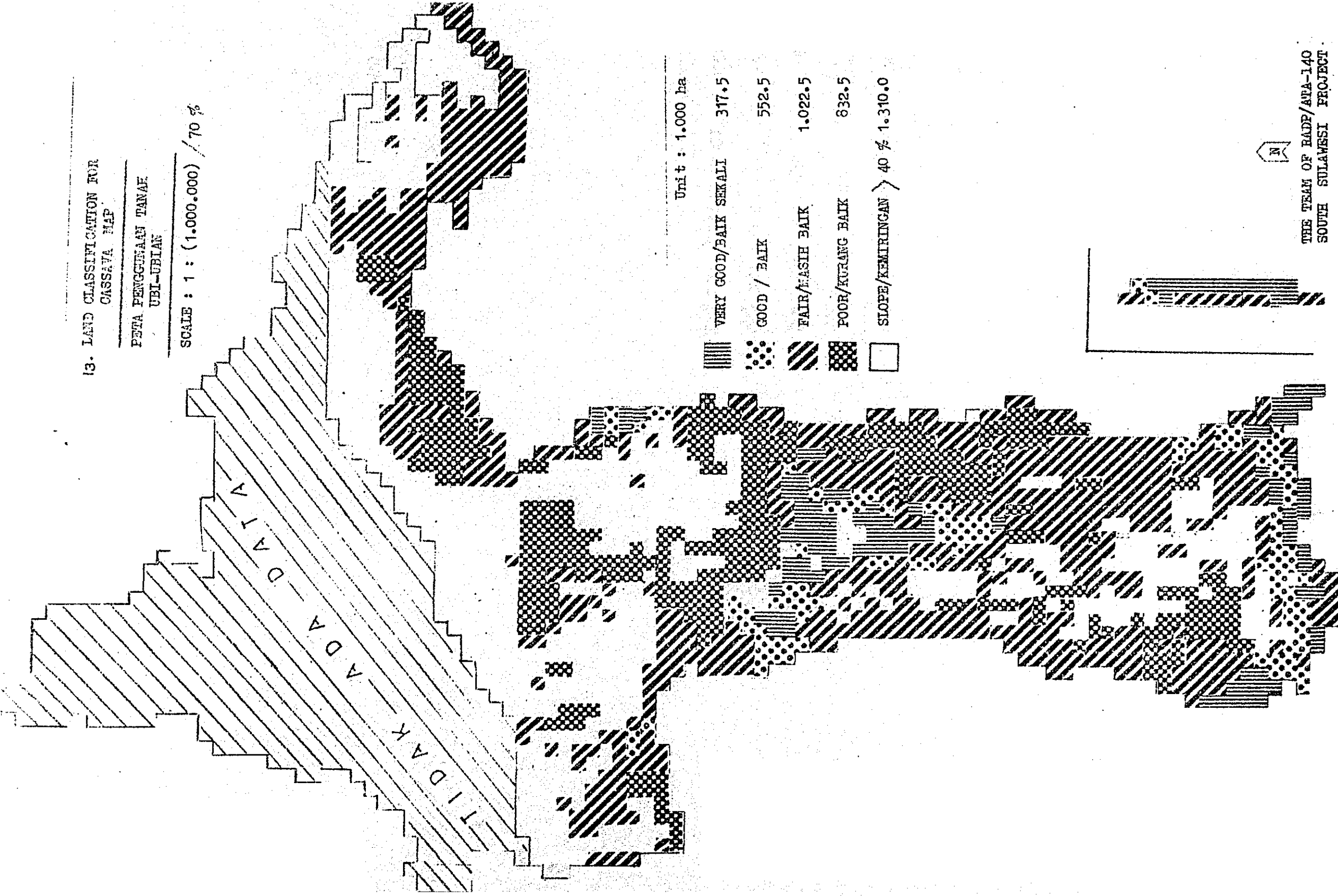
Unit : 1.000 ha

VERY GOOD/BAIK SEKALI   317.5

GOOD / BAIK   552.5

FAIR/MASIH BAIK   1.022.5

POOR/KURANG BAIK   832.5

SLOPE/KEMIRINGAN > 40 %   1.310.0

N

THE TEAM OF RADP/ATA-140
SOUTH SULAWESI PROJECT.

14. LAND CLASSIFICATION FOR PEANUT MAP

PETA PENGGUNAAN TANAH KACANG-KACANGAN

SCALE : 1 : (1.000.000) / 70 %
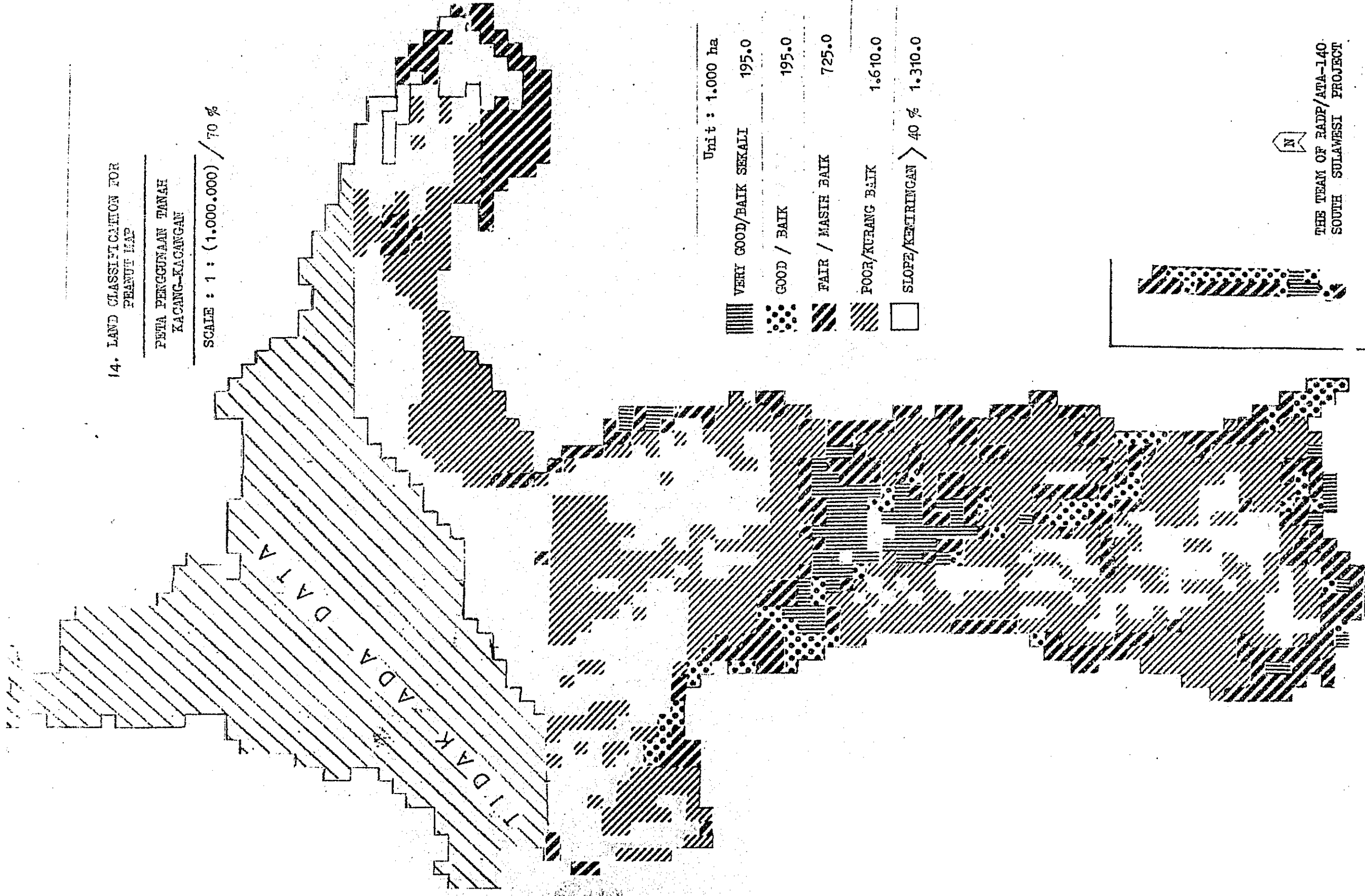
Unit : 1.000 ha

VERY GOOD/BAIK SEKALI	195.0	
GOOD / BAIK	195.0	
FAIR / MASIH BAIK	725.0	
POOR/KURANG BAIK	1.610.0	
SLOPE/KEMIRINGAN ⟩ 40 %	1.310.0	

THE TEAM OF RADP/ATA-140 SOUTH SULAWESI PROJECT

5. LAND CLASSIFICATION FOR
   HORTICULTURA MAP

   PETA PENGGUNAAN TANAH
   SAYURAN

   SCALE : 1 : (1.000.000) / 70 %
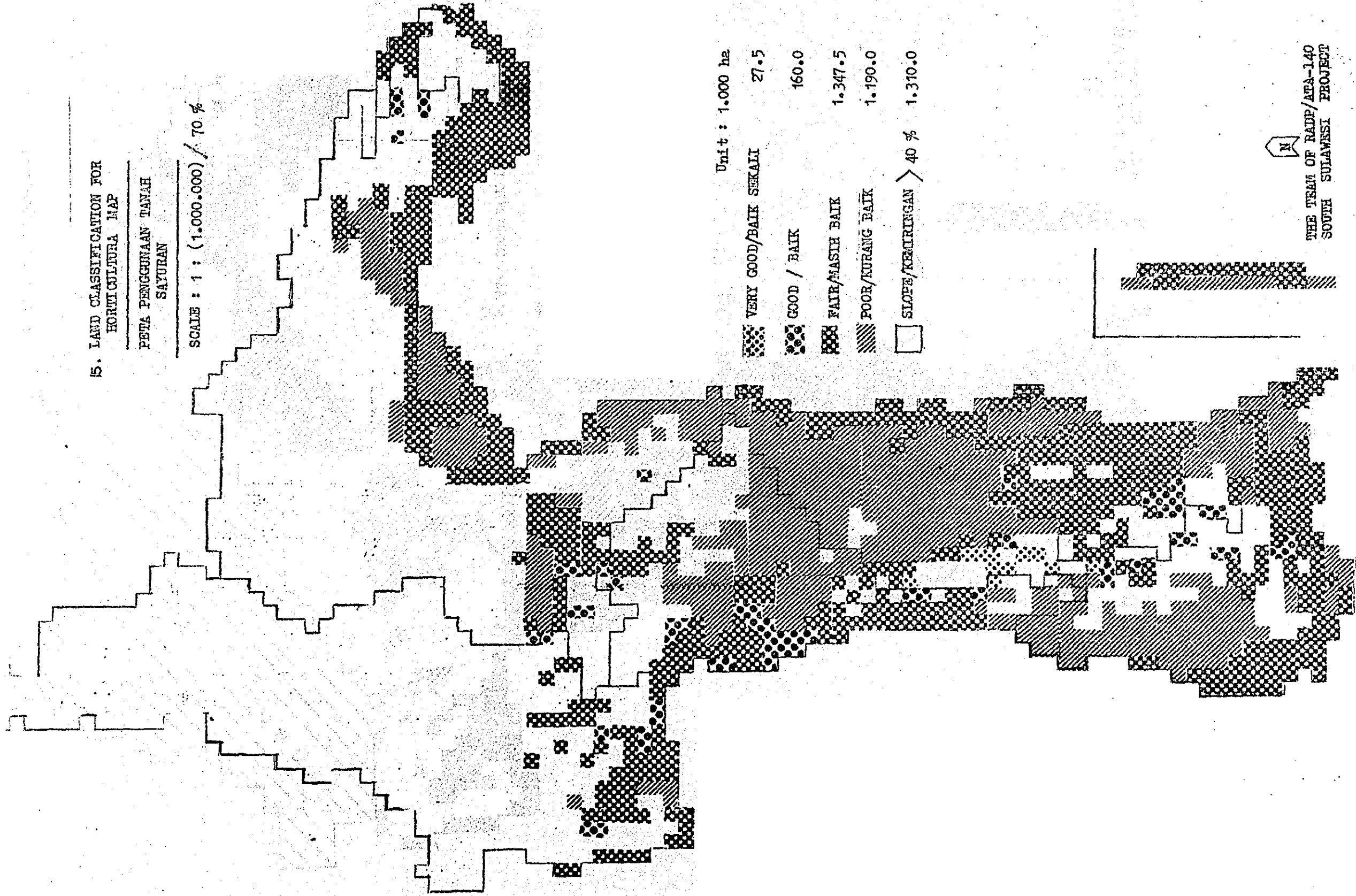
   Unit : 1.000 ha

   VERY GOOD/BAIK SEKALI   27.5
   GOOD / BAIK   160.0
   FAIR/MASIH BAIK   1.347.5
   POOR/KURANG BAIK   1.190.0
   SLOPE/KEMIRINGAN > 40 %   1.310.0

   THE TEAM OF RADP/APA-140
   SOUTH SULAWESI PROJECT

CITRUS FRUIT MAP

PETA PENGGUNAAN TANAH
J E R U K

SCALE : 1 : (1.000.000) / 70 %

Unit : 1.000 ha

VERY GOOD/BAIK SEKALI   140.0

GOOD / BAIK   80.0

FAIR/MASIH BAIK   1.640.0

POOR/KURANG BAIK   865.0

SLOPE/KEMIRINGAN 40 %   1.310.0

TIDAK - ADA - DATA

THE TEAM OF RADP/ATA-14)
SOUTH SULAWESI PROJECT

- 20 -
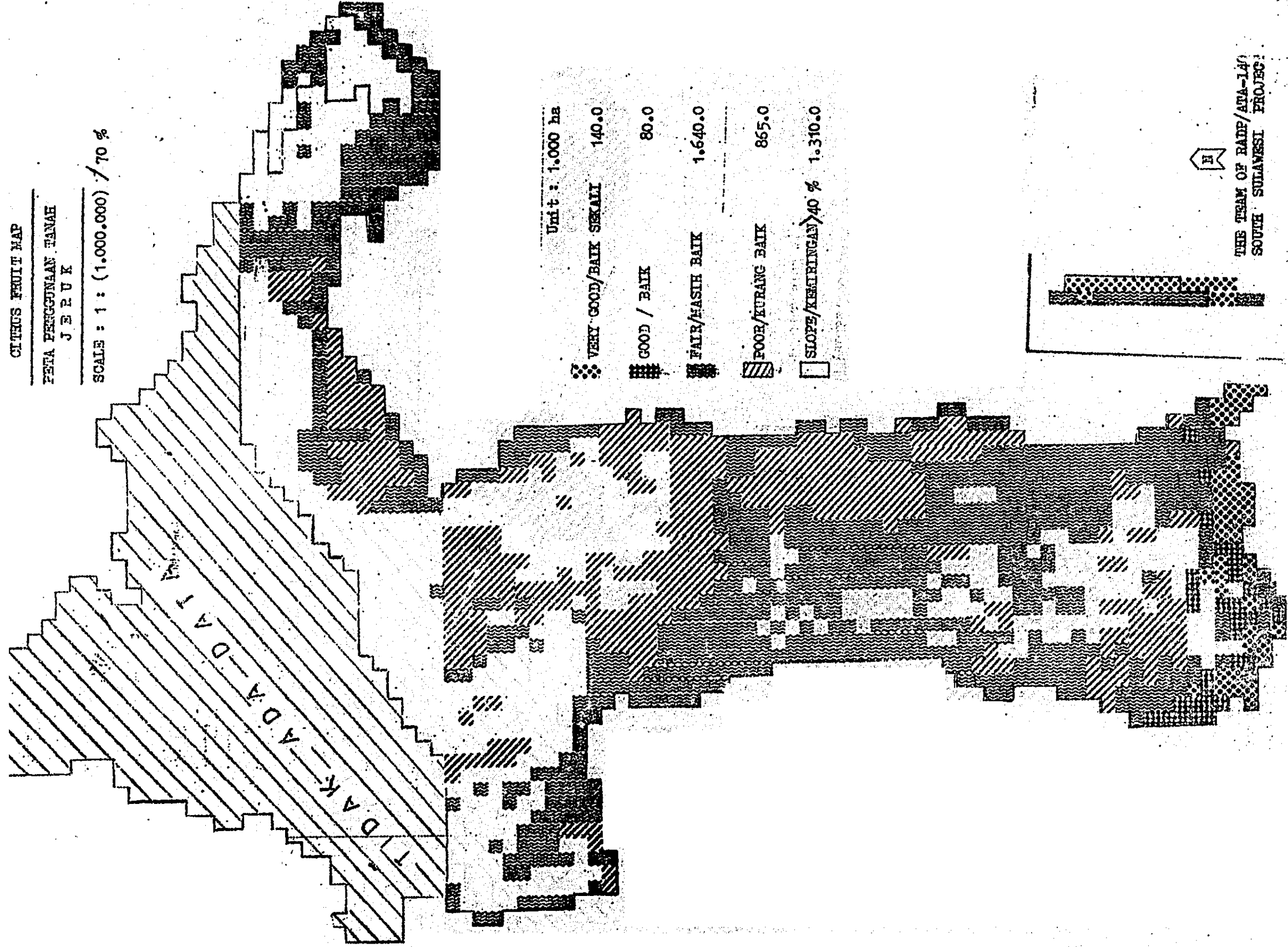
17. LAND CLASSIFICATION FOR ESTATE CROPS MAP

PETA PENGGUNAAN TANAH TANAMAN INDUSTRI

SCALE : 1 : (1.000.000) /70 %
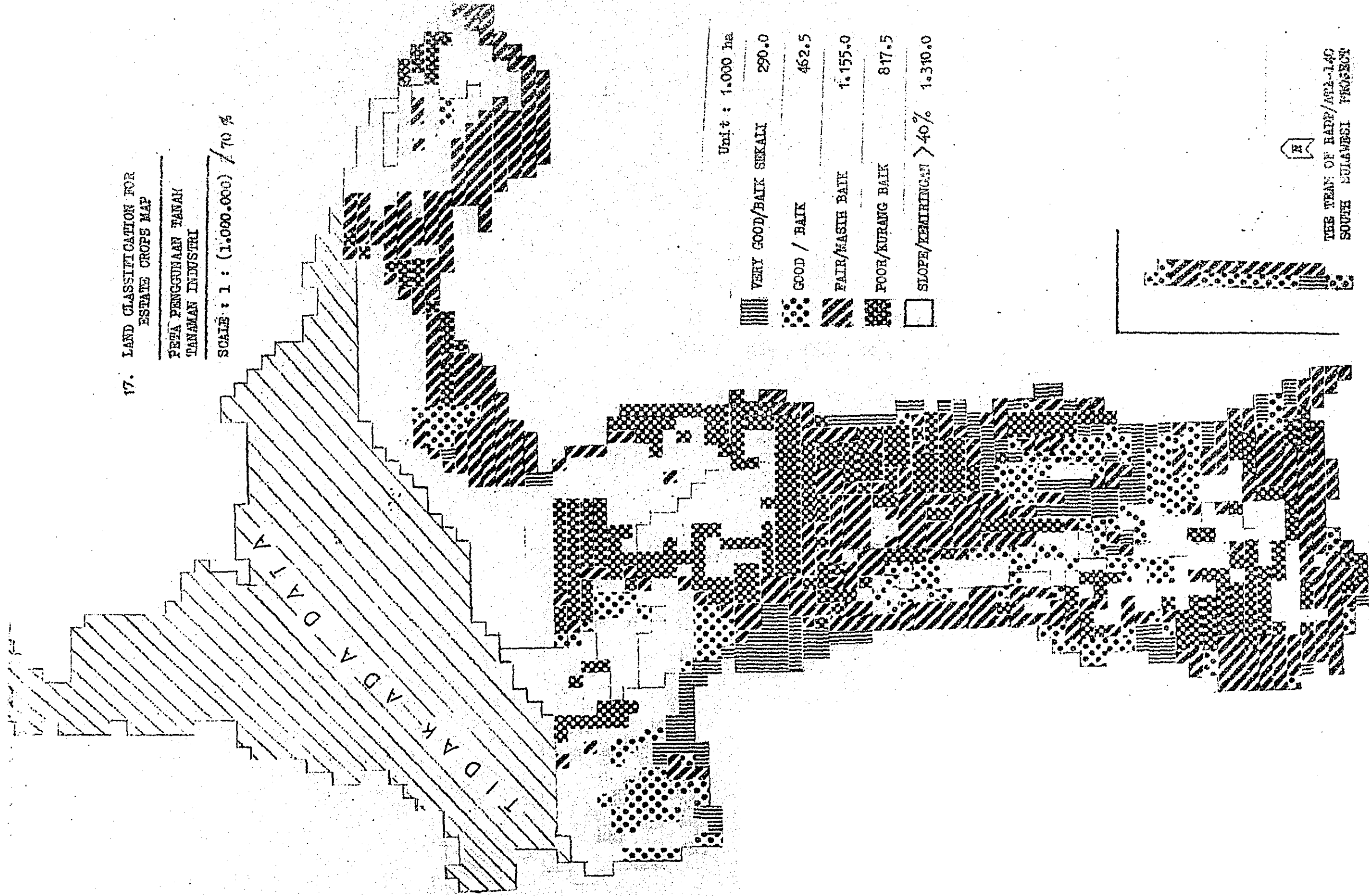
Unit : 1.000 ha

VERY GOOD/BAIK SEKALI		290.0
GOOD / BAIK		462.5
FAIR/MASIH BAIK		1.155.0
POOR/KURANG BAIK		817.5
SLOPE/KEMIRINGAN >40%		1.310.0

TIDAK ADA DATA

THE TEAM OF HABP/AER-149
SOUTH SULAWESI PROJECT

18. LAND CLASSIFICATION FOR
    COCONUT MAP

PETA PENGGUNAAN TANAH
KELAPA

SCALE : 1 : (1.000.000) / 70 %

Unit : 1.000 ha

VERY GOOD/BAIK SEKALI   317.5

FAIR/MASIH BAIK   1.022.5

GOOD / BAIK   552.5

POOR/KURANG BAIK   832.5

SLOPE/KEMIRINGAN > 40 % 1.310.0

N

THE TEAM OF RADP/ATA-140
SOUTH SULAWESI PROJECT

TIDAK-ADA-DATA
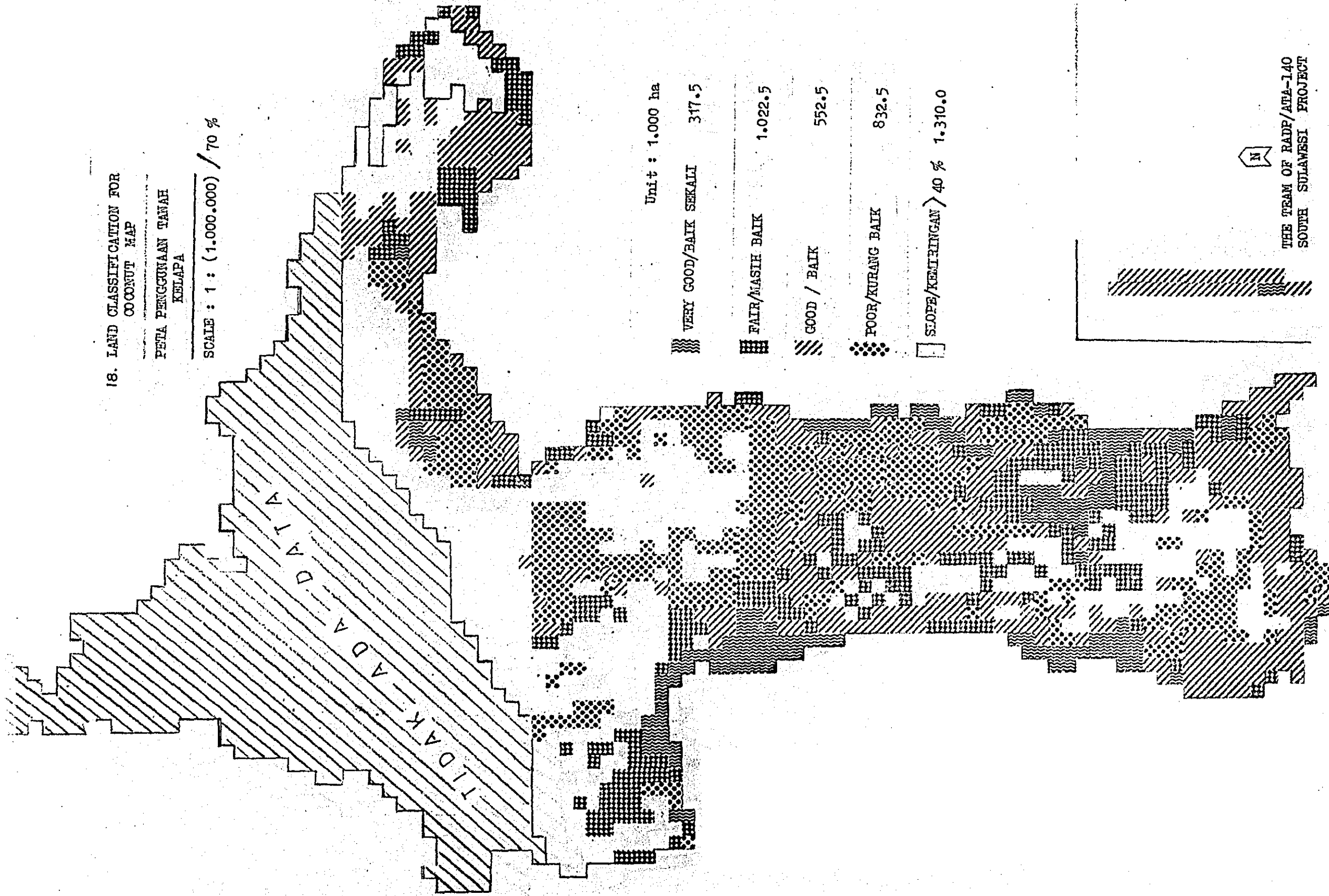
19. LAND CLASSIFICATION FOR
COFFEE MAP

PETA PENGGUNAAN TANAH
K O P I

SCALE : 1 : (1.000.000) / 78 %
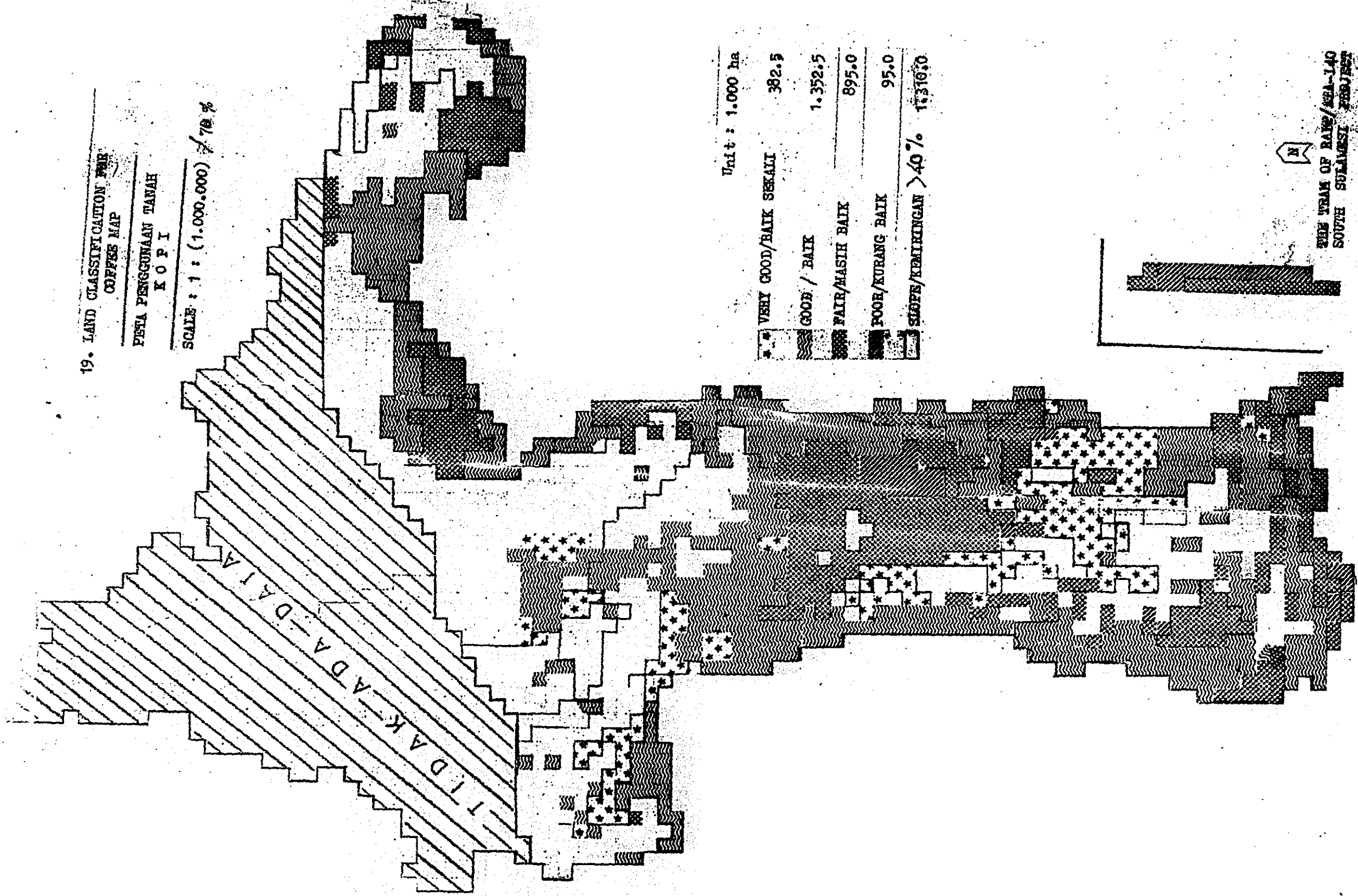
Unit : 1.000 ha

VERY GOOD/BAIK SEKALI   382.5

GOOD / BAIK   1.352.5

FAIR/MASIH BAIK   895.0

POOR/KURANG BAIK   95.0

SLOPE/KEMIRINGAN >40%   1:3162.0

TIDAK-ADA-DATA

THE TEAM OF RAWS/KEA-140
SOUTH SULAWESI PROJECT

LAND CLASSIFICATION
CLOVE MAP

PETA PENGGUNAAN TANAH
CENGKEH

SCALE : 1 : (1.000.000)/1972
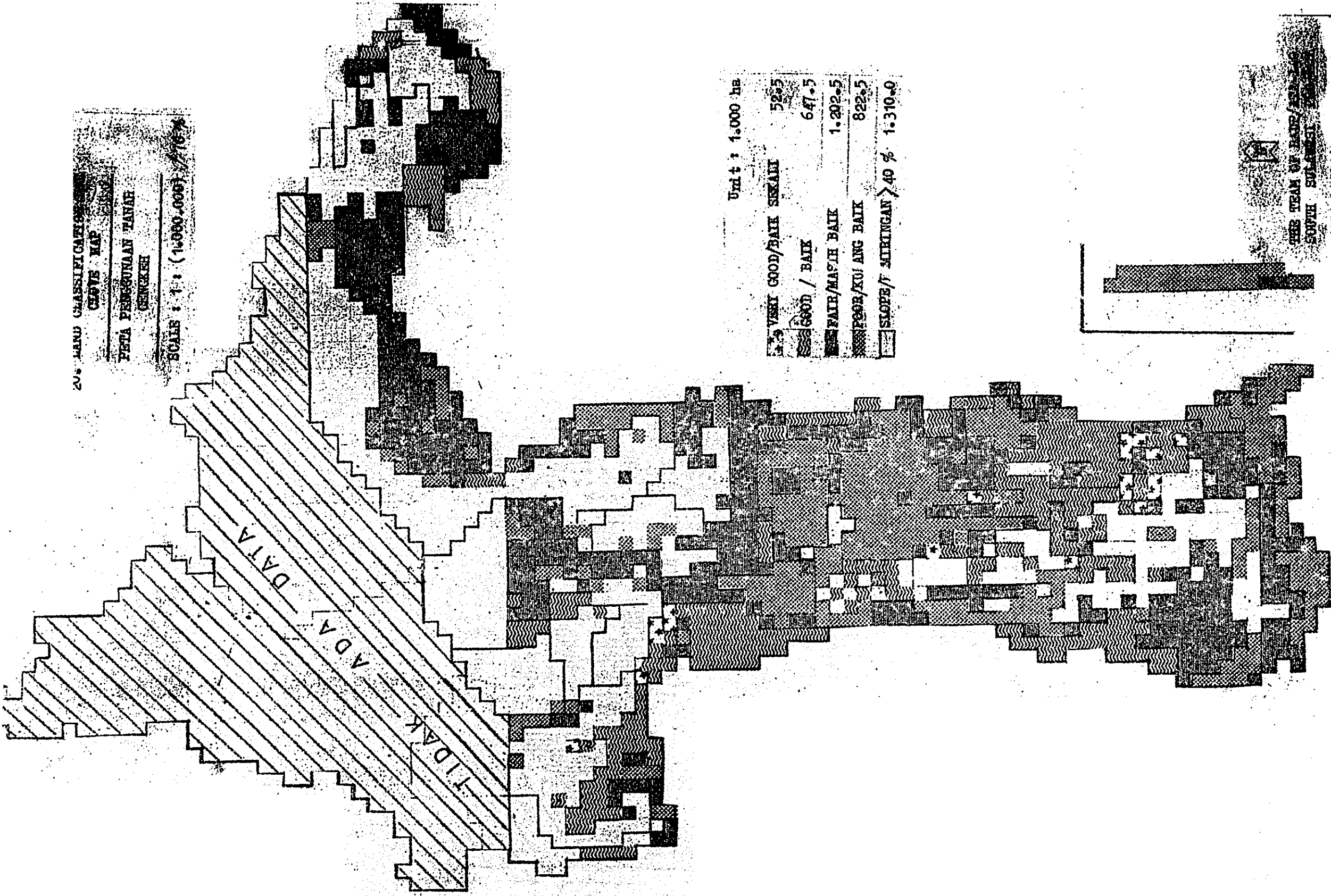
Unit : 1.000 ha

VERY GOOD/BAIK SEKALI	525.5
GOOD / BAIK	647.5
FAIR/MASIH BAIK	1.202.5
POOR/KURANG BAIK	822.5
SLOPE/% MIRINGAN > 40 %	1.310.0

TIDAK ADA DATA

THE TEAM OF SOUTH SULAWESI

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21. LAND CLASIFICATION FOR ERODIBLE
DEGRE IN FOREST-AREA-MAP.

PETA KERUSAKAN AKIBAT EROSI PADA
DAERAH HUTAN.

SCALE : 1 : (1.000.000) / 70 %
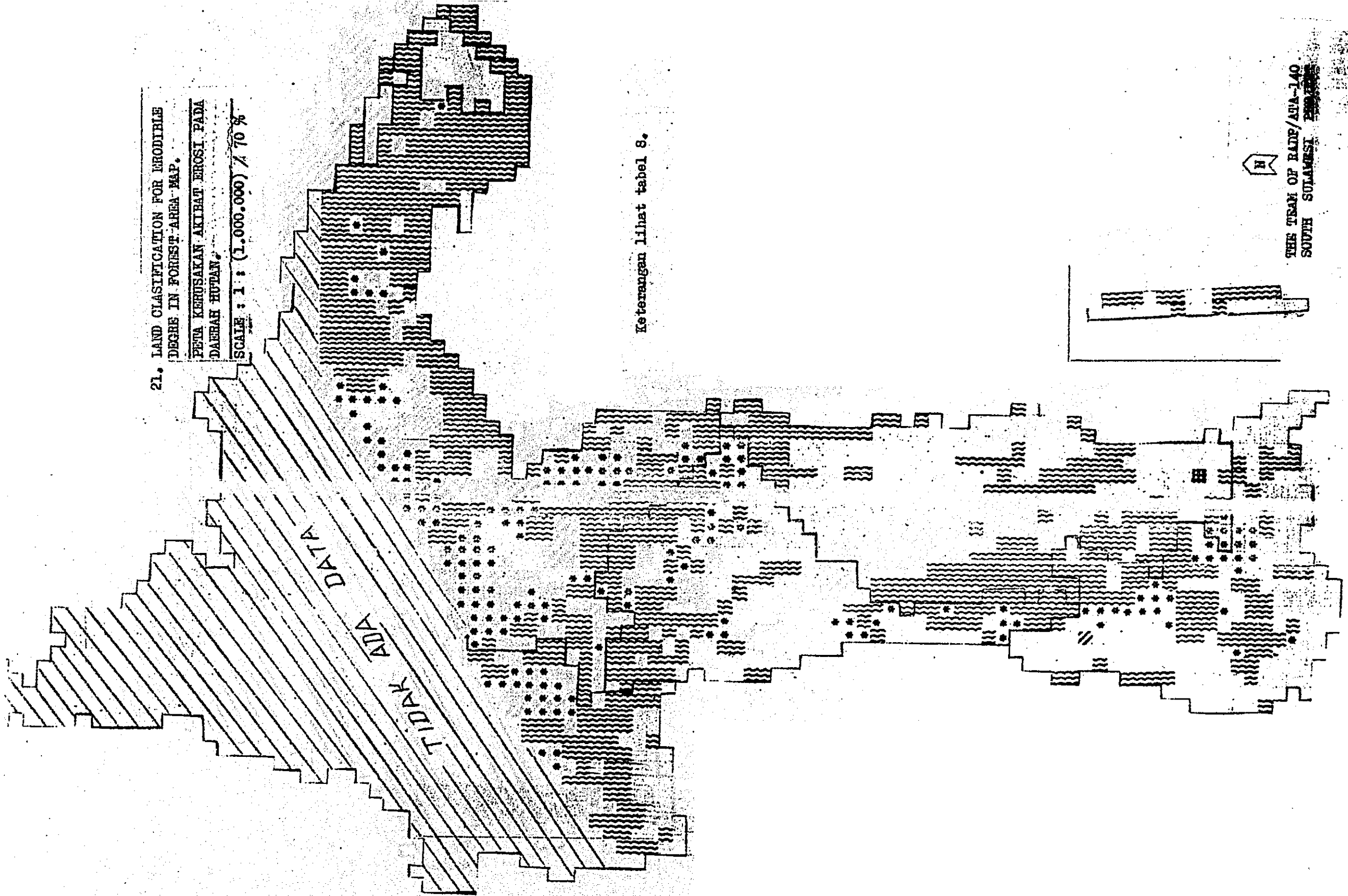
Keterangan lihat tabel 8.

TIDAK ADA DATA

THE TEAM OF RAPP/ADA-140
SOUTH SULAWESI

22. LAND CLASIFICATION FOR
MANAGEMENT GUIDE MAP

PETA KONDISI HUTAN
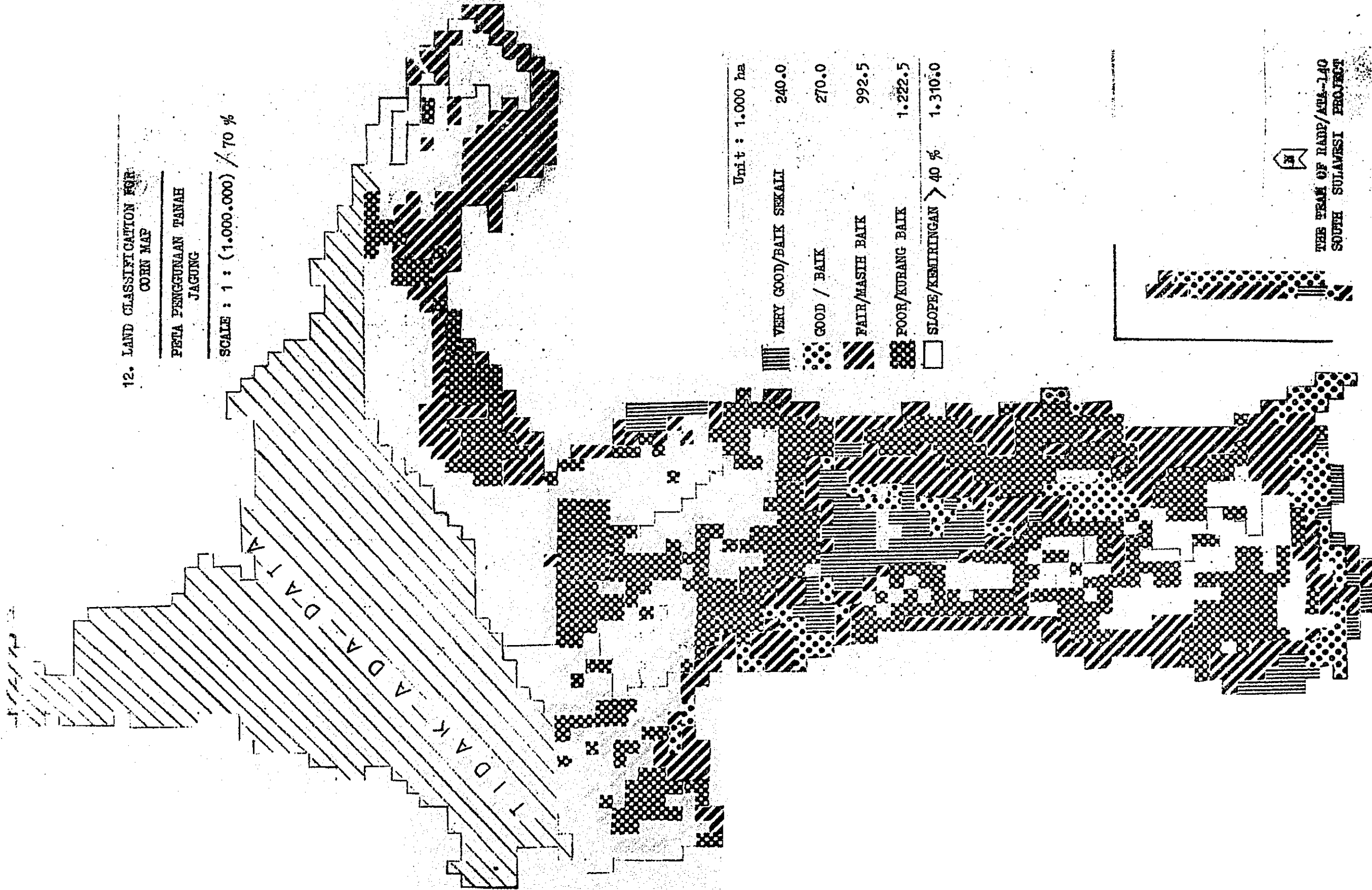SEKARANG.

SCALE : 1 @ (1.000.000) ⅟70 %
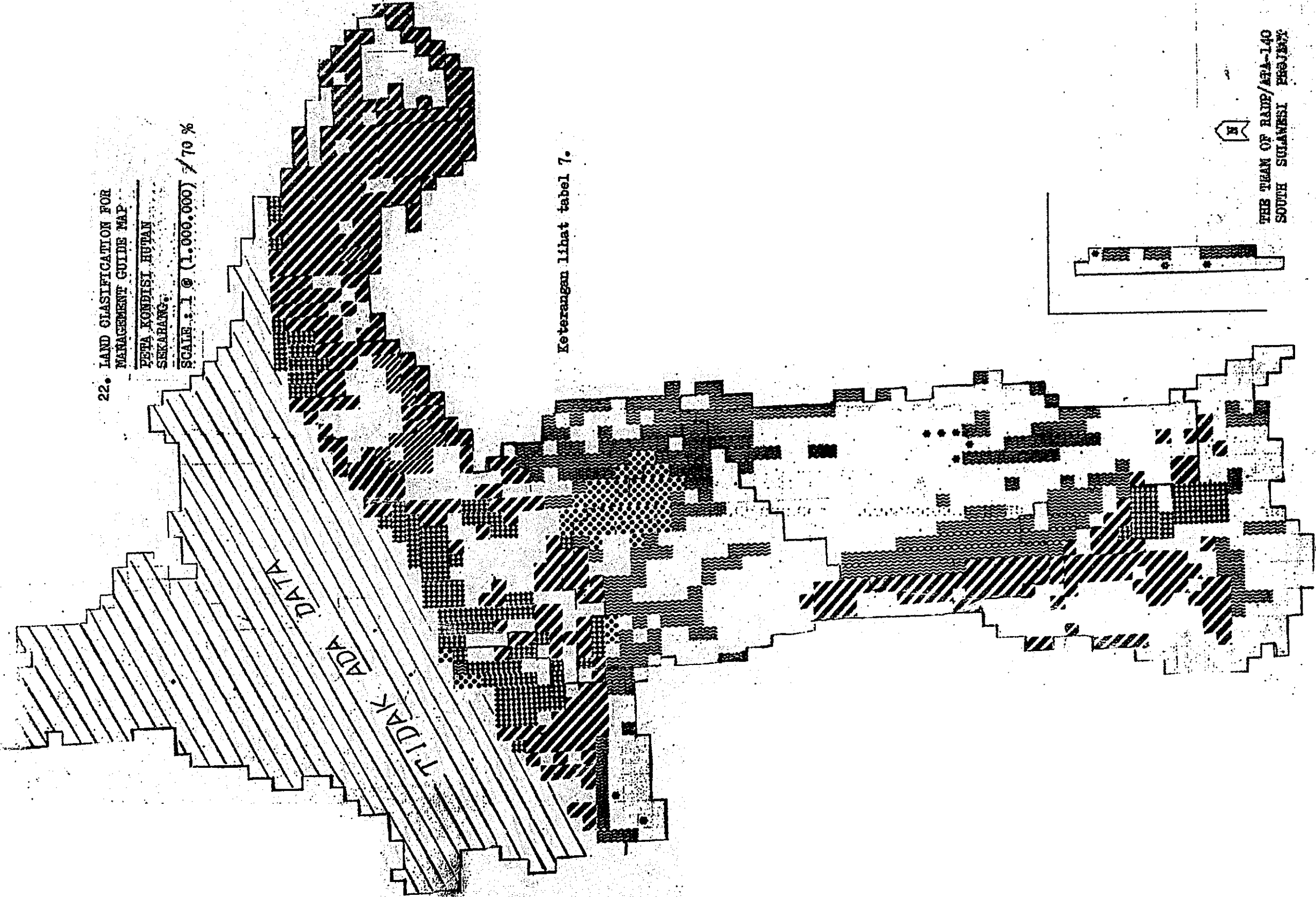
Keterangan lihat tabel 7.

TIDAK ADA DATA

THE TEAM OF HAIDP/AFA-140
SOUTH SULAWESI PROJECT

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23. LAND CLASSIFICATION FOR RECLAMATION
IN FOREST AREA MAP

PETA KEMUNGKINAN DAERAH HUTAN UNTUK
DAERAH PERTANIAN

SCALE : 1 : (1.000.000) /70 %
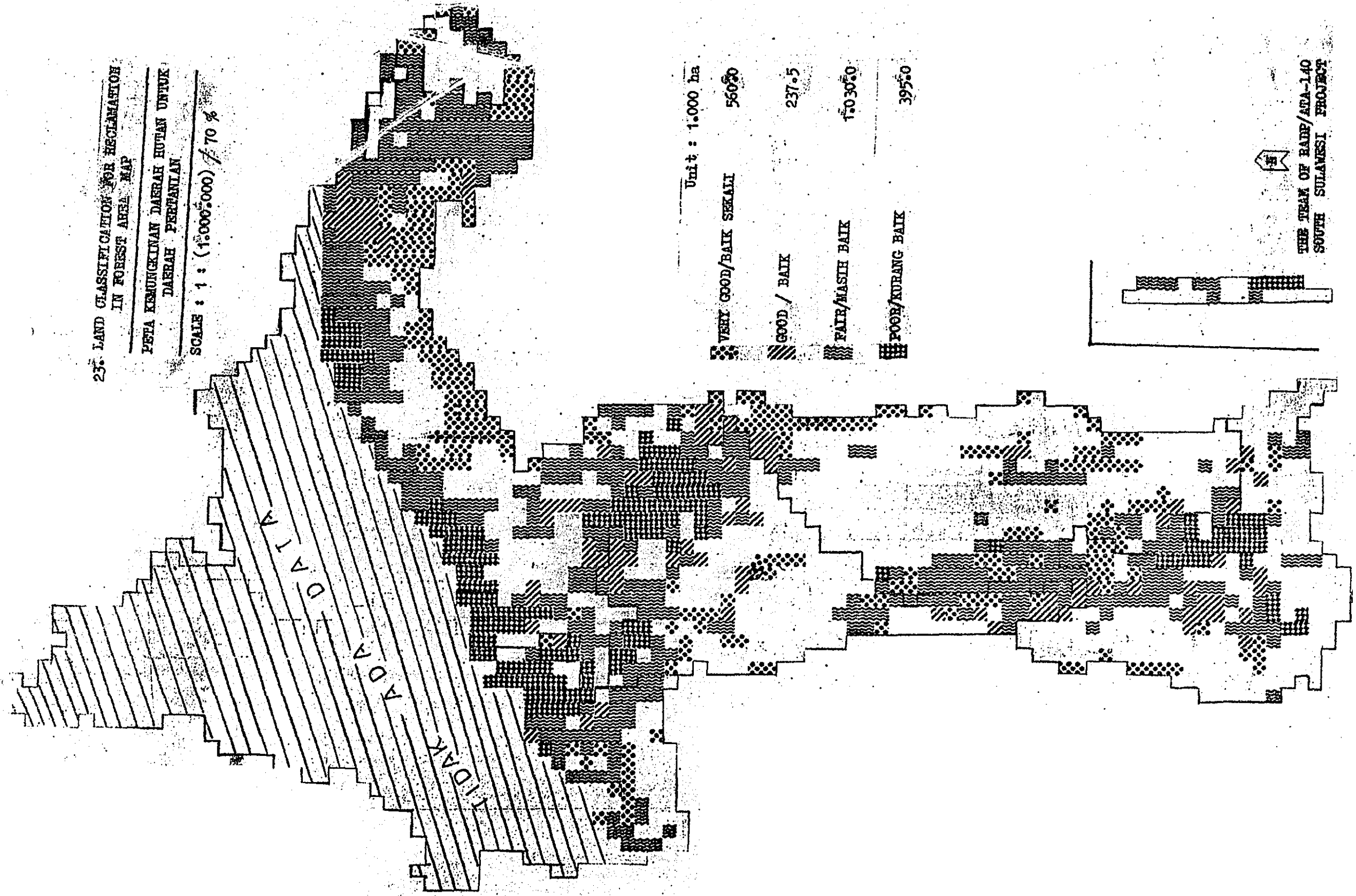
Unit : 1.000 ha

VERY GOOD/BAIK SEKALI	560.0
GOOD / BAIK	237.5
FAIR/MASIH BAIK	1.030.0
POOR/KURANG BAIK	395.0

TIDAK ADA DATA

THE TEAM OF RAUP/ATA-140
SOUTH SULAWESI PROJECT

24. LAND CLASSIFICATION FOR RECLAMATION
IN GRASS LAND AREA MAP

PETA KEMUNGKINAN PENGGUNAAN PADANG
RUMPUT UNTUK TANAH PERTANIAN

SCALE : 1 : (1.000.000) // 70 %
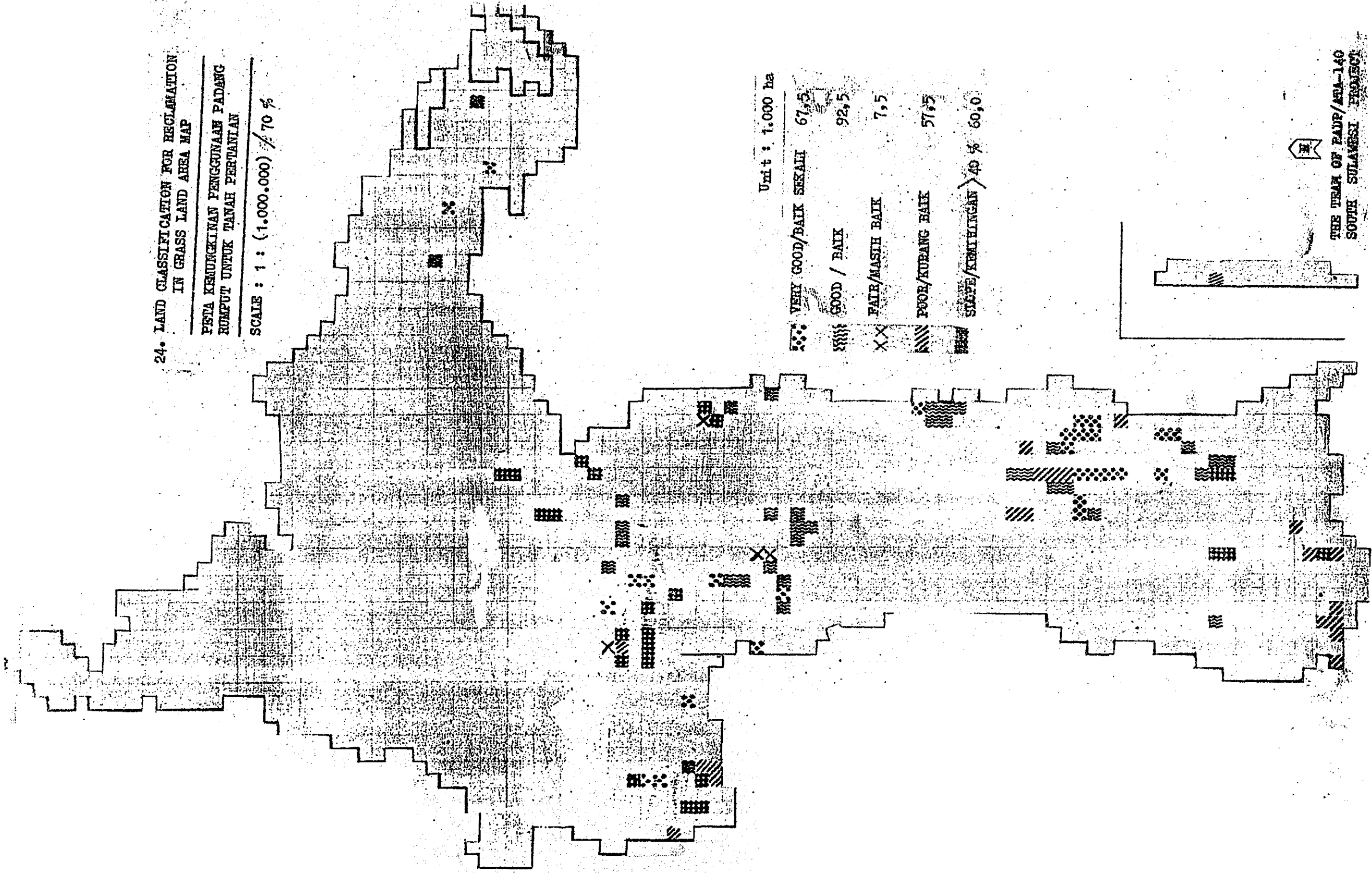
Unit : 1.000 ha

VERY GOOD/BAIK SEKALI		67,5
GOOD / BAIK		92,5
FAIR/MASIH BAIK		7,5
POOR/KURANG BAIK		57,5
SLOPE/KEMIRINGAN ⟩40 %	60,0

THE TEAM OF FADP/ARA-140
SOUTH SULAWESI PROJECT

25. LAND CLASSIFICATION FOR SUITABLE CULTIVATED AREA
IN SHIFTING CULTIVATION AREA MAP

PETA KESUBURAN ... UNTUK PERLADANGAN BERPINDAH

SCALE : 1 : (1.000.000) /70 %

TIDAK ADA DATA

Unit : 1.000 Ha

BAIK   8520

THE AREA OF SUITABLE ...
SOCIAL ...
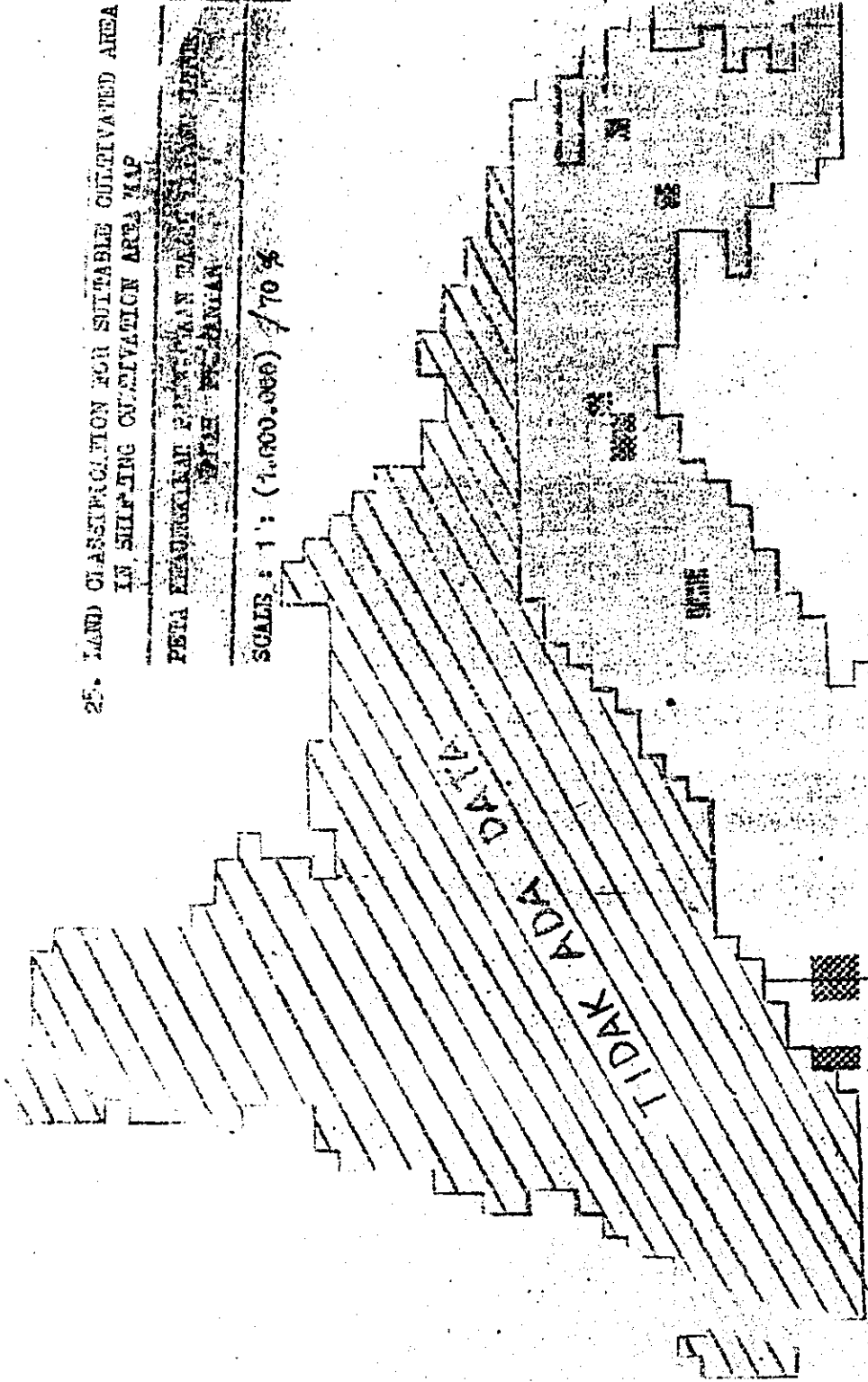
26. LAND CLASSIFICATION FOR SUITABLE
CULTIVATED AREA IN UPLAND AREA MAP

PETA KEMUNGKINAN PENGGUNAAN TANAH
KERING UNTUK TANAH PERTANIAN

SCALE : 1 : (1.000.000) / 70 %
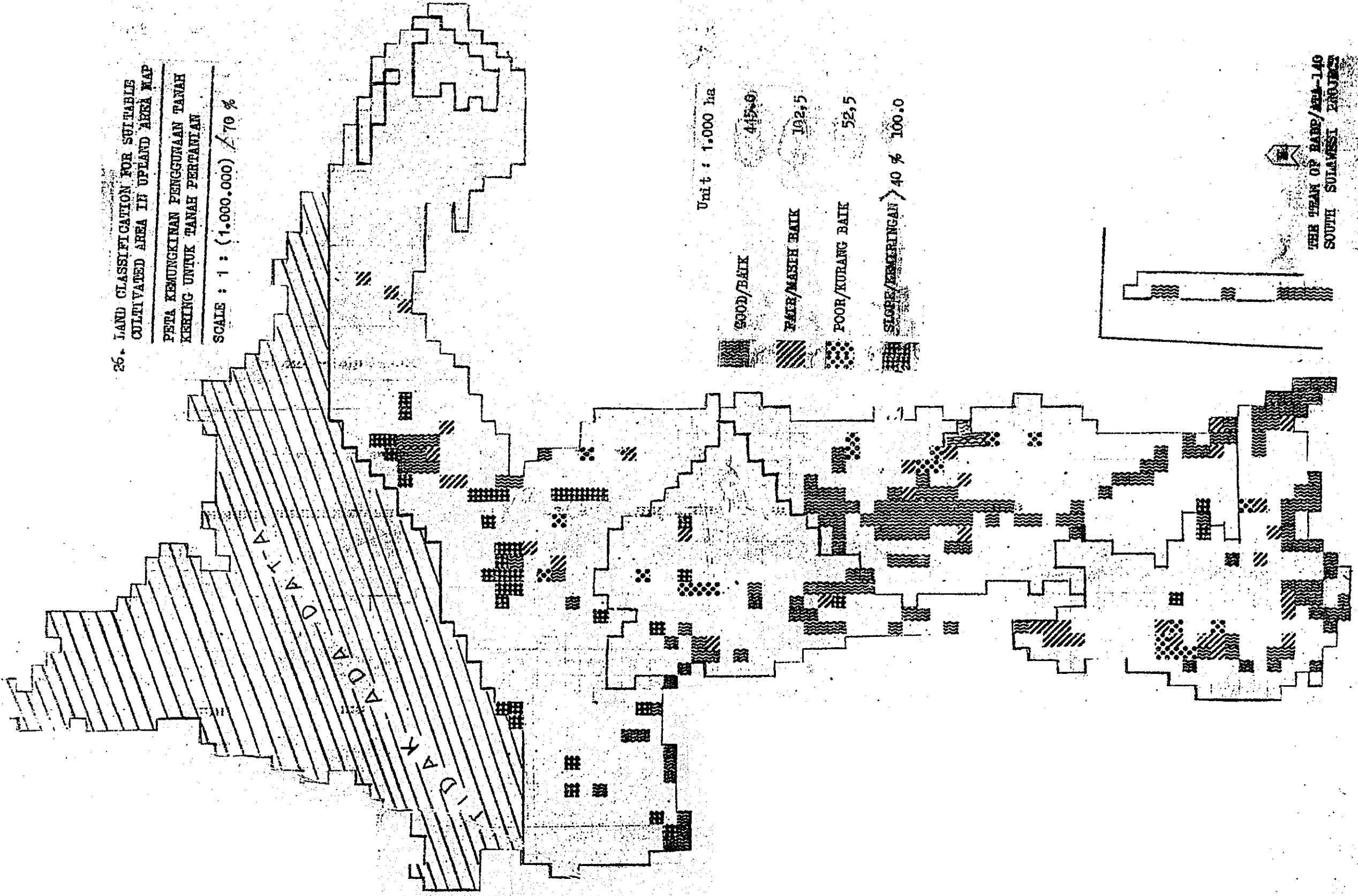
Unit : 1.000 ha

GOOD/BAIK		445.0
FAIR/MASIH BAIK		192.5
POOR/KURANG BAIK		52.5
SLOPE/KEMIRINGAN 40 %		100.0

TIDAK ADA DATA

THE TEAM OF BAPP/AZZ-140
SOUTH SULAWESI PROJECT

- 30 -

27. LOCATION MAP OF IRRIGATED AND
NON IRRIGATED PADDY FIELDS

PETA SAWAH IRIGASI DAN
NON IRIGASI

SCALE : 1 : (1,000,000) / 70.95
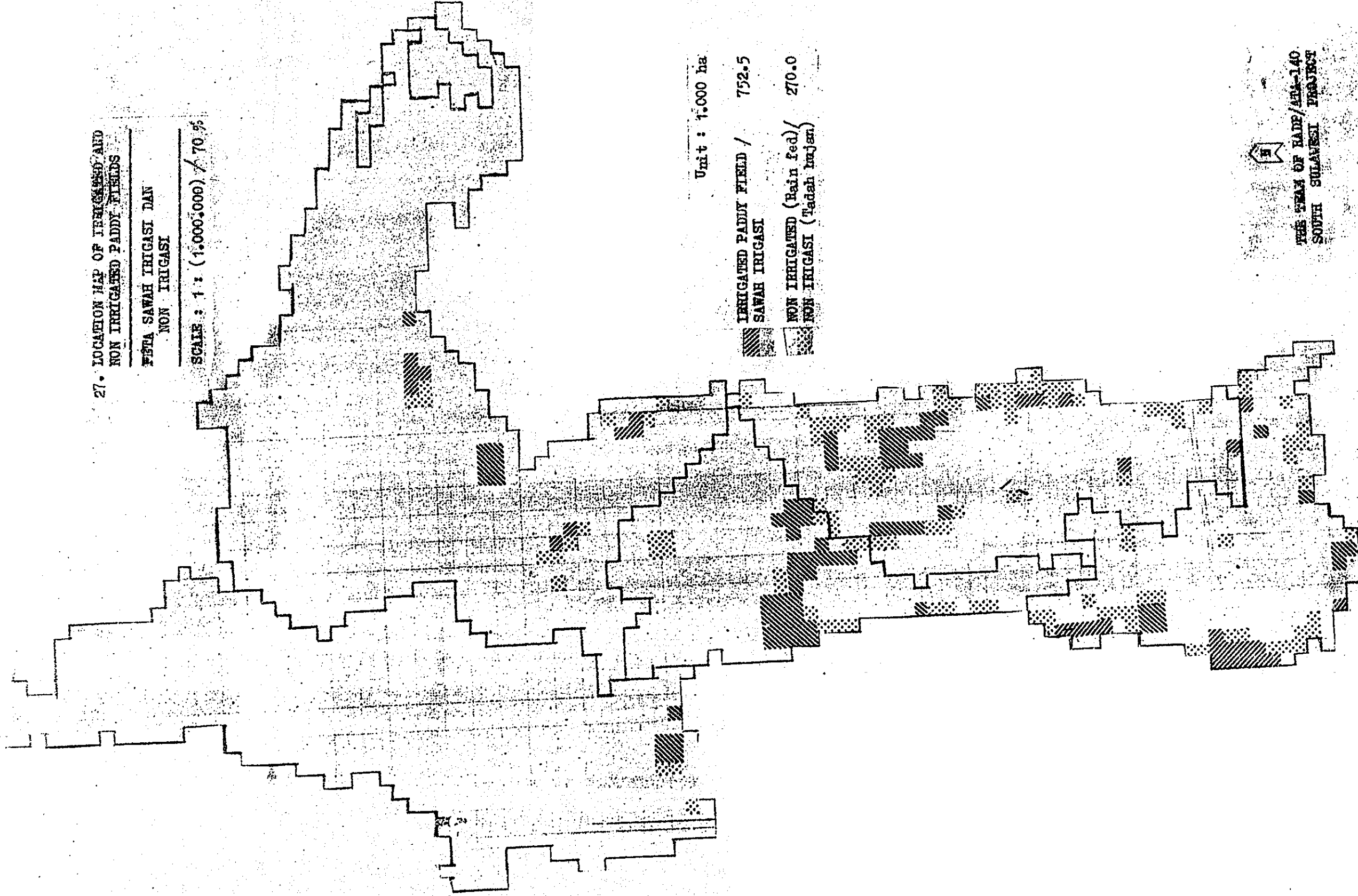
Unit : 1,000 ha

IRRIGATED PADDY FIELD /   752.5
SAWAH IRIGASI

NON IRRIGATED (Rain fed)/   270.0
NON IRIGASI (Tadah hujan)

THE TEAM OF HADP/ADB-140
SOUTH SULAWESI PROJECT

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20. LAND USE PLAN 1:2

PETA PERENCANAAN TATA GUNA TANAH

SCALE = 1 : (1.000.000)/ 70 %

FOREST/KEHUTANAN

PADDY FIELD/PADI SAWAH

GRASS LAND/PADANG RUMPUT

UPLAND/TANAH KERING
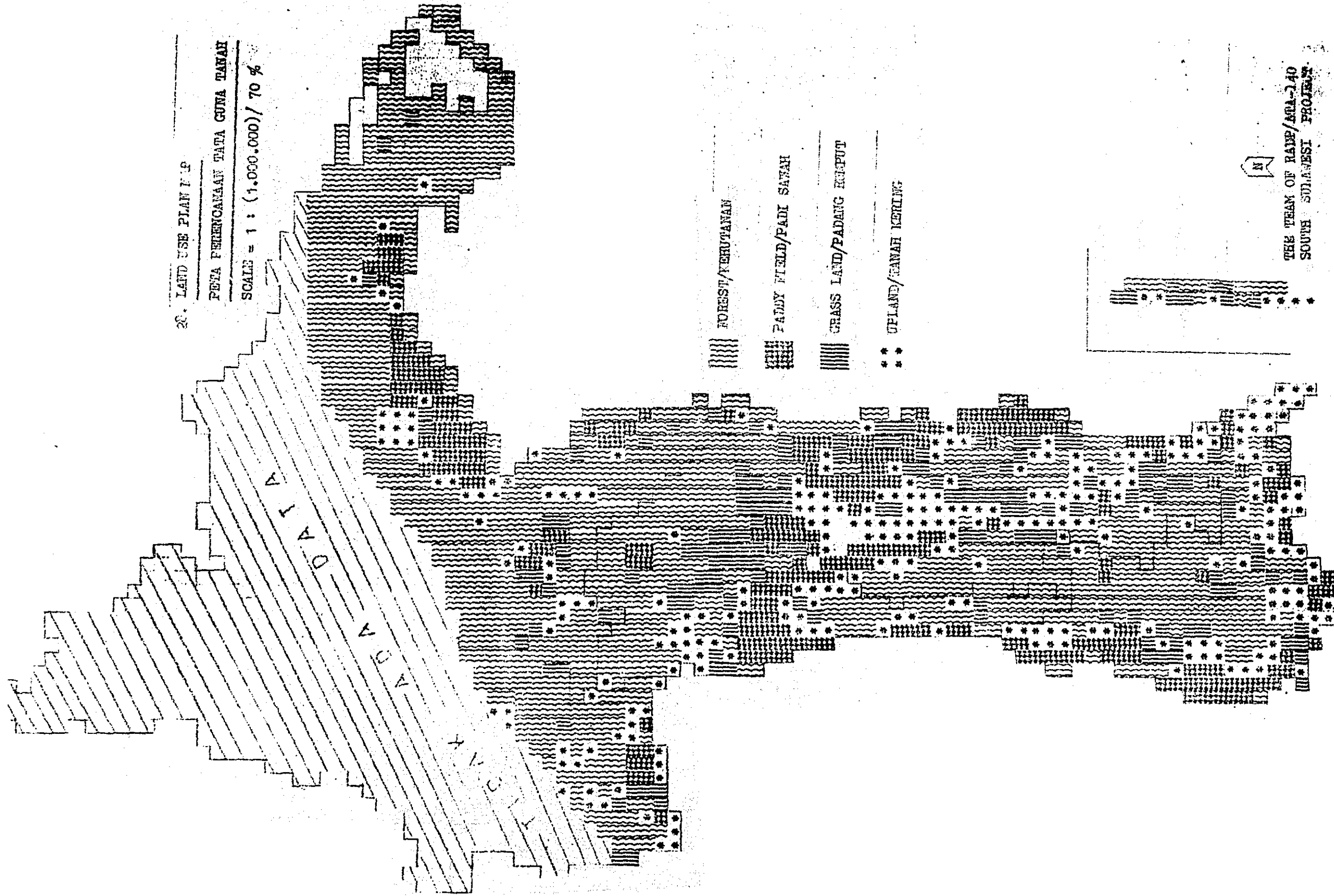
THE TEAM OF RAIP/NTA-240
SOUTH SULAWESI PROJECT

29. MAP OF WATER CATCHMENT AREA
PETA DAERAH ALIRAN SUNGAI
SCALE : 1 : (1.000.000) ≠ 70%
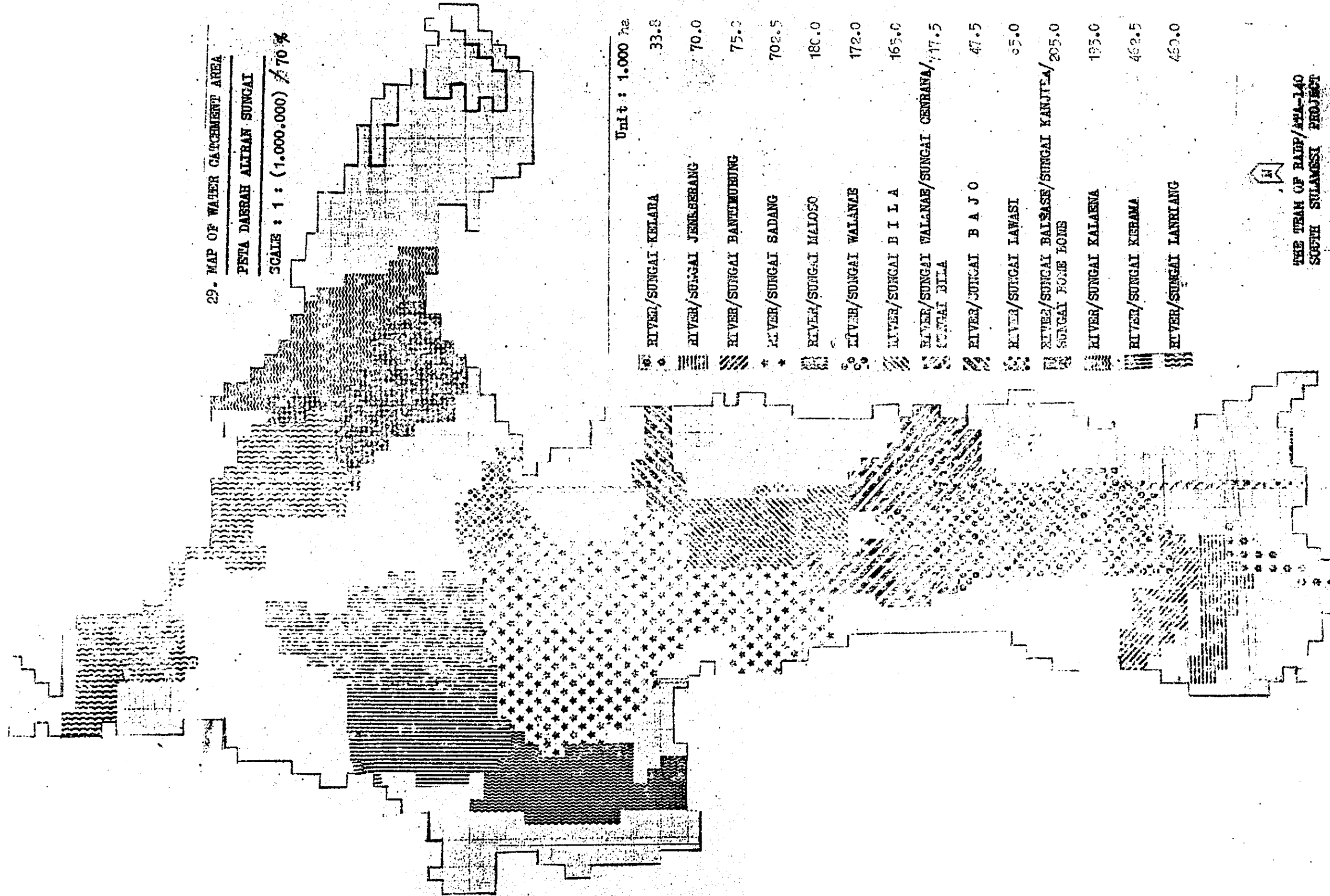
Unit : 1.000 ha

RIVER/SUNGAI KELARA		33.8
RIVER/SUNGAI JENEBERANG		70.0
RIVER/SUNGAI BANTIMURUNG		75.0
RIVER/SUNGAI SADANG		702.5
RIVER/SUNGAI MALOSO		180.0
RIVER/SUNGAI WALANAE		172.0
RIVER/SUNGAI BILA		165.0
RIVER/SUNGAI WALANAE/SUNGAI CENRANA/ SUNGAI BILA		417.5
RIVER/SUNGAI BAJO		47.5
RIVER/SUNGAI LAMASI		85.0
RIVER/SUNGAI BALEASE/SUNGAI KANJIRA/ SUNGAI BONE BONE		205.0
RIVER/SUNGAI KALAENA		195.0
RIVER/SUNGAI KERAMA		462.5
RIVER/SUNGAI LANKLANG		450.0

THE TEAM OF BAPP/UNA-140
SOUTH SULAWESI PROJECT

30. PETA KERAPATAN PENDUDUK
SULAWESI SELATAN 1973
(POPULATION DENSITY
IN SOUTH SULAWESI) 1973
Skala = 1 : 1.500.000

(CENTRAL SUL.) SUL TENG.
SUL TENG G.
(SOUTH EAST SUL.)

LEGENDA

50 jiwa per km
(population per sq km)

5   51
100   10
150   15
200   201
250   251
300   301
500   401
700   600
10.200

B O N E

(KEP SELAYAR)

P SELAYAR

PALOPO
MAKALE
ENREKANG
PANGKAJENE
MAJENE
BARRU

S E L A T   M A K A S S A R
(M A K A S S A R)

2.3 Analized data

Table 5.   Classification for Reclamation in Forest Area

Unit: 1,000 ha.

Name of Kab.	Best	Better	Loss-good	No good	Total
1. U.Pandang	5.0	–	–	–	5.0
2. M a r o s	2.5	10.0	40.0	5.0	77.5
3. Pangkep	10.0	5.0	15.0	–	30.0
4. G o w a	2.5	20.0	25.0	32.5	80.0
5. Takalar	10.0	2.5	10.0	–	22.0
6. Jeneponto	–	–	7.5	7.5	15.0
7. Bantaeng	2.5	–	2.5	5.0	10.0
8. Bulukumba	7.5	5.0	10.0	5.0	27.5
9. Selayar	–	–	17.5	10.5	27.5
10. Sinjai	–	5.0	12.5	5.0	22.5
14. Barru	17.5	20.0	47.5	–	85.0
15. Pare-Pare	–	–	7.5	–	7.5
16. Pinrang	32.5	5.0	32.5	17.5	87.5
17. Sidrap	10.0	12.5	37.5	17.5	77.5
18. Enrekang	2.5	27.5	37.5	32.5	100.0
11. B o n e	95.0	12.5	75.0	7.5	190.0
12. W a j o	47.5	12.5	15.0	–	75.0
13. Soppeng	15.0	–	45.0	2.5	62.5
22. Tator	2.5	20.0	60.0	85.0	167.5
23. L u w u	245.0	67.5	437.5	107.5	857.5
19. Polmas	32.5	12.5	95.0	55.0	195.0
20. Majene					
21. Mamuju					
Total	555.0	237.5	1,030.0	395.0	2,222.5

Note: Standard for classification:

(1) Category of each physical factor

Item	Category	Classification
Erodible degrees	HH : Accelerately spread	X
	H : Newly occur or damage of spread	X
	M : Little occur so long as not disturb	Δ
	L : No accorance so long as disturb	0
Gradient	15 %	0
	15 % – 40 %	Δ
	40 %	X
Altitude	500 m	0
	500 m – 1,000 m	Δ
	1,000 m	X
Annual rainfall	2,000 mm	X
	2,000 mm – 3,000 mm	0
	3,000 mm	Δ
Soil condition	Loamy : Heavy soil	Δ
	Medium: Clay	0
	Sandy : Sandy loam, Sand	Δ
Soil fertility	Fertile: No deficiency of 3 main elements	0
	Medium : Less one of the 3 main elements	0
	Pour : Deficiency of more the 2 elements	Δ

(2) Land classification for reclamation

Item	Indices for reclamation
Best	All 0 – 04 + Δ 2
Better	03 + Δ 3 – 01 + Δ 5
Less good	All Δ – 02 + Δ 3 + X1
No good	X2

Source: Land classification map for reclamation in forest area/
Map No. 23.

Table 6. Classification of the Suitable Area for cultivation area in Shifting Cultivation Area.

Unit : 1,000 ha

Kabupaten	Good	No Good	Steep slopping area
1. U. Pandang	-	-	-
2. Maros	-	2.5	5.0
3. Pangkep	2.5	-	2.5
4. Gowa	7.5	2.5	2.5
5. Takalar	-	-	-
6. Jeneponto	-	-	-
7. Bantaeng	-	-	-
8. Bulukumba	7.5	-	-
9. Selayar	20.0	-	-
10. Sinjai	15.0	-	5.0
14. Barru	2.5	-	-
15. Pare-Pare	-	-	-
16. Pinrang	-	2.5	2.5
17. Sidrap	-	2.5	2.5
18. Enrekang	2.5	5.0	7.5
11. Bone	20.0	5.0	5.0
12. Wajo	-	-	-
13. Soppeng	-	-	-
22. Tator	-	-	5.0
23. Luwu	7.5	-	12.5
19. Polmas	-	-	15.0
20. Majene	-	-	-
21. Mamuju	-	-	-
Total	85.0	20.0	65.0

Note : This analysis has done after deduction all steep sloping area, 40 %.

Source : Land classification suitable area for cultivation Map of in shifting cultivation Area/Map No.25.

Table 7. Classification for Reclamation in the Grassland Area

Kabupaten	Suitable cultivation area	Suitable grassland area	Steep sloping area
1. U. Pandang	-	-	-
2. Maros	-	7.5	5.0
3. Pangkep	-	-	-
4. Gowa	-	5.0	2.5
5. Takalar	-	2.5	-
6. Jeneponto	-	12.5	-
7. Bantaeng	-	-	-
8. Bulukumba	-	-	-
9. Selayar	-	2.5	-
10. Sinjai	-	12.5	5.0
14. Barru	-	-	-
15. Pare-Pare	-	-	-
16. Pinrang	5.0	5.0	-
17. Sidrap	-	7.5	-
18. Enrekang	2.5	7.5	-
11. Bone	30.0	42.5	-
12. Wajo	2.5	7.5	-
13. Soppeng	-	5.0	-
22. Tator	7.5	40.0	20.0
23. Luwu	5.0	25.0	15.0
19. Polmas	10.0	22.5	12.5
20. Majene	-	-	-
21. Mamuju	-	-	-
Total	62.5	270.0	60.0

Note : This analysis was done after deducting all concession area, up to 1917, for stock-farm ranch.

Source : Land classification maps for reclamation in the grassland/Map No.24.

Table 8.   Suitable area for Cultivation in Upland Area

Unit : 1,000 ha

Kabupaten	Good	Fair	Poor	Steep sloping area
1. U. Pandang	2.5	-	-	-
2. M a r o s	2.5	7.5	12.5	2.5
3. Pangkep	2.5	17.5	-	-
4. G o w a	20.0	15.0	2.5	2.5
5. Takalar	10.0	-	-	-
6. Jeneponto	27.5	2.5	-	-
7. Bantaeng	22.5	2.5	-	-
8. Bulukumba	50.0	5.0	2.5	-
9. Selayar	17.5	-	-	-
10. Sinjai	12.5	5.0	-	2.5
14. B a r r u	10.0	-	-	-
15. Pare-Pare	2.5	-	-	-
16. Pinrang	30.0	2.5	-	5.0
17. Sidrap	20.0	2.5	-	2.5
18. Enrekang	-	2.5	10.0	5.0
11. B o n e	50.0	7.5	12.5	-
12. W a j o	62.5	2.5	5.0	-
13. Soppeng	47.5	2.5	-	-
22. T a t o r	7.5	5.0	5.0	25.0
23. L u w u	27.5	22.5	2.5	35.0
19. Polmas	20.0	-	-	20.0
20. Majene	-	-	-	-
21. Mamuju	-	-	-	-
T o t a l	445.0	102.5	52.5	100.0

Source : Map of Land Classification of suitable area for
cultivation in upland area/Map. No.26.

Table 6.9.   Land classification of suitable areas for cultivation
of 11 commodities

Unit :1,000 ha

Commodity	Very good	Good	Fair	Poor	Total
1. Wetland paddy	877.5	1,190.0	547.5	110.0	2,725.0
2. (in forests)	297.5	187.5	27.5	42.5	555.0
(in grassland)	20.0	45.0	2.5	0.0	67.5
2. C o r n	240.0	270.0	992.5	1,222.5	2,725.0
(in forests)	7.5	37.5	365.0	145.0	555.0
(in grassland)	-	20.0	27.5	20.0	67.5
3. P e a n u t	195.0	195.0	725.0	1,610.0	2,725.0
(in forest)	5.0	22.5	162.5	365.0	555.0
(in grassland)	0.0	10.0	15,0	42.5	67.5
4. Cassava	317.5	552.5	1,022.5	832.5	2,725.0
(in forest)	10.0	5.0	375.0	165.0	555.0
(in grassland)	0	2.5	55.0	10.0	67.5
5. Estate crops	290.0	462.5	1,155.0	817.5	2,725.0
(in forest)	80.0	132.5	260.0	82.5	555.0
(in grassland)	15.0	30.0	20.0	2.5	67.5
6. Vegetables	27.5	160.0	1,347.5	1,190.0	2,725.0
(in forest)	7.5	37.5	365.0	145.0	555.0
(in grass-land)	0.0	5.0	55.0	7.5	67.5
7. Citrus fruit	140.0	80.0	1,640.0	865.0	2,725.0
(in forest)	2.5	5.0	390.5	157.5	555.0
(in grassland)	0	5.0	55.0	7.5	67.5
8. Coconut	317.5	552.5	1,022.5	832.5	2,725.0
(in forest)	95.0	192.5	142.5	125.0	555.0
(in grassland)	15.0	32.5	15.0	5.0	67.5
9. C o f f e e	382.5	1,352.5	895.0	95.0	2,725.0
(in forest)	132.5	322.5	97.5	2.5	555.0
(in grassland)	42.5	20.0	2.5	2.5	67.5
10. C l o v e	52.5	647.5	1,202.5	822.5	2,725.0
11. Upland paddy	230.0	305.0	1,435.0	755.0	2,725.0

Note : "In forest" is the best reclamation area in forest area.

Source : Land classification for 11 crops by Kabupaten.
(Refer to Vol. 2)

Table :10 - (1)   **Land Classification of suitable area form cultivation of 11 commodities by Kabupaten**

Paddy

Unit : 1,000 ha

Kabupaten	very good	Good	Fair	Poor	Total
1. U. Pandang	10.0	2.5	-	-	12.5
2. Maros	25.0	40.0	32.5	-	97.5
3. Pangkep	27.5	10.0	20.0	5.0	62.5
4. G o w a	32.5	72.5	20.0	-	125.0
5. Takalar	17.5	20.0	2.5	-	40.0
6. Jeneponto	7.5	57.5	5.0	-	70.0
7. Bantaeng	5.0	27.5	2.5	-	35.0
8. Bulukumba	-	72.5	37.5	-	110.0
9. Selayar	-	42.5	20.0	5.0	67.5
10. Sinjai	2.5	-	22.5	37.5	62.5
11. Barru	7.5	35.0	37.5	10.0	90.0
12. Pare-Pare	2.5	-	7.5	-	10.0
13. Pinrang	92.5	45.0	12.5	-	150.0
14. Sidrap	7.5	112.5	10.0	-	130.0
15. Enrekang	-	37.5	25.0	32.5	95.0
16. B o n e	145.0	147.5	85.0	5.0	382.5
17. W a j o	82.5	152.5	5.0	-	240.0
18. Soppeng	50.0	32.5	17.5	15.0	115.0
19. Tator	2.5	95.0	22.5	-	120.0
20. L u w u	302.5	135.0	122.5	-	560.0
21. Polmas	57.5	52.5	40.0	-	150.0
22. Majene					
23. Mamuju					
TOTAL :	877.5	1,190.0	547.5	110.0	2,275.0

Source : Map of land classification for paddy field area/Map No. 10

Table :10 - (2)   Upland paddy/Padi Gogo

Kabupaten	Very good	Good	Fair	Poor	Total
1. U. Pandang	-	-	5.0	7.5	12.5
2. Maros	-	-	72.5	25.0	97.5
3. Pangkep	2.5	-	50.0	10.0	62.5
4. G o w a	2.5	17.5	62.5	42.5	125.0
5. Takalar	5.0	22.5	7.5	5.0	40.0
6. Jeneponto	7.5	42.5	20.0	-	70.0
7. Bantaeng	-	27.5	7.5	-	35.0
8. Bulukumba	5.0	37.5	57.5	10.0	110.0
9. Selayar	10.0	57.5	-	-	67.5
10. Sinjai	-	-	57.5	5.0	62.5
11. Barru	-	-	82.5	7.5	90.0
12. Pare-Pare	-	-	10.0	-	10.0
13. Pinrang	15.0	37.5	80.0	17.5	150.0
14. Sidrap	32.5	17.5	22.5	57.5	130.0
15. Enrekang	-	-	7.5	87.5	95.0
16. B o n e	2.5	2.5	295.0	82.5	382.5
17. W a j o	70.0	15.0	90.0	65.0	240.0
18. Soppeng	52.5	27.5	35.0	-	115.0
19. Tator	-	-	27.5	92.5	120.0
20. L u w u	25.0	-	317.5	217.5	560.0
21. Polmas	-	-	127.5	22.5	150.0
22. Majene	-	-	-	-	-
23. Mamuju	-	-	-	-	-
TOTAL :	230.0	305.0	1,435.0	755.0	2,725.0

Source : Land classification map for upland paddy/Map No. 11

Table 10- (3) C o r n

Unit:1,000 ha.

No.	Kabupaten	Very good	Good	Fair	Poor	Total
1.	U.Pandang	—	—	5.0	7.5	12.5
2.	M a r o s	—	—	35.0	62.5	97.5
3.	Pangkep	—	—	32.5	30.0	62.5
4.	G o w a	12.5	2.5	32.5	77.5	125.0
5.	Takalar	15.0	10.0	10.0	5.0	40.0
6.	Jeneponto	12.5	27.5	27.5	2.5	70.0
7.	Bantaeng	12.5	15.0	2.5	5.0	35.0
8.	Bulukumba	5.0	42.5	52.5	10.0	110.0
9.	Selayar	5.0	35.0	27.5	—	67.5
10.	Sinjai	—	—	30.0	32.5	62.5
11.	B a r r u	—	—	27.5	62.5	90.0
12.	Pare-Pare	—	—	—	10.0	10.0
13.	Pinrang	15.0	35.0	50.0	150.0	250.0
14.	Sidrap	35.0	5.0	25.0	65.0	130.0
15.	Enrekang	—	—	—	95.0	95.0
16.	B o n e	2.5	47.5	127.5	205.0	382.5
17.	W a j o	57.5	27.5	90.0	65.0	240.0
18.	Soppeng	45.0	12.5	30.0	27.5	115.0
19.	T a t o r	—	—	2.5	117.5	120.0
20.	L u w u	22.5	—	345.0	192.5	560.0
21.	Polmas	—	10.0	40.0	100.0	150.0
22.	Majene	—	—	—	—	—
23.	Mamuju	—	—	—	—	—
	T o t a l	240.0	270.0	992.5	1,222.5	2,725.0

Source: Land classification map for corn/Map No.12

Table 10 - (4) Cassava

Unit: 1,000 ha.

No.	Kabupaten	Very good	Good	Fair	Poor	Total
1.	U.Pandang	—	—	5.0	7.5	12.5
2.	M a r o s	—	—	62.5	35.0	97.5
3.	Pangkep	—	—	52.5	10.0	62.5
4.	G o w a	12.5	12.5	57.5	42.5	125.0
5.	Takalar	15.0	12.5	7.5	5.0	40.0
6.	Jeneponto	12.5	27.5	30.0	—	70.0
7.	Bantaeng	17.5	12.5	5.0	—	35.0
8.	Bulukumba	37.5	27.5	—	5.0	110.0
9.	Selayar	35.0	5.0	27.5	—	67.5
10.	Sinjai	—	10.0	47.5	5.0	62.5
11.	B a r r u	—	—	67.5	22.5	90.0
12.	Pare-Pare	—	—	10.0	—	10.0
13.	Pinrang	12.5	37.5	10.0	20.0	150.0
14.	Sidrap	25.0	15.0	32.5	57.5	130.0
15.	Enrekang	—	—	7.5	87.5	95.0
16.	B o n e	2.5	—	260.0	120.0	382.5
17.	W a j o	60.0	20.0	95.0	65.0	240.0
18.	Soppeng	20.0	37.5	55.0	2.5	115.0
19.	T a t o r	—	—	27.5	92.5	120.0
20.	L u w u	12.5	12.5	380.0	155.0	560.0
21.	Polmas	—	7.5	102.5	40.0	150.0
22.	Majene	—	—	—	—	—
23.	Mamuju	—	—	—	—	—
	T o t a l	317.5	552.5	1,022.5	832.5	2,725.0

Source: Land classification map for cassava/Map No.14

Table10 - (5)   P e a n u t

Unit: 1,000 ha.

No.	Kabupaten	Very good	Good	Fair	Poor	Total
1.	U.Pandang	–	–	–	12.5	12.5
2.	M a r o s	–	–	15.0	82.5	97.5
3.	Pangkep	–	2.5	25.0	35.0	62.5
4.	G o w a	–	–	25.0	100.0	125.0
5.	Takalar	5.0	–	30.0	5.0	40.0
6.	Jeneponto	5.0	5.0	47.5	12.5	70.0
7.	Bantaeng	7.5	5.0	17.5	5.0	35.0
8.	Bulukumba	5.0	30.0	27.5	47.5	110.0
9.	Selayar	7.5	32.5	27.5	–	67.5
10.	Sinjai	–	–	17.5	45.0	62.5
11.	B a r r u	–	–	12.5	77.5	90.0
12.	Pare-pare	–	–	–	10.0	10.0
13.	Pinrang	15.0	40.0	45.0	50.0	150.0
14.	Sidrap	30.0	7.5	20.0	72.5	130.0
15.	Enrekang	–	–	–	95.0	95.0
16.	B o n e	2.5	35.0	95.0	250.0	382.5
17.	W a j o	72.5	10.0	77.5	80.0	240.0
18.	Soppeng	32.5	7.5	22.5	52.5	115.0
19.	T a t o r	–	–	2.5	117.5	120.0
20.	L u w u	12.5	–	197.5	350.0	560.0
21.	Polmas	–	20.0	20.0	110.0	150.0
22.	Majene	–	–	–	–	–
23.	Mamuju	–	–	–	–	–
	T o t a l	195.0	195.0	725.0	1,610.0	2,725.0

Source: Land classification map for peanut/Map No.13.

Table10 - (6)   Horticulture

No.	Kabupaten	Very good	Good	Fair	Poor	Total
1.	U.Pandang	–	–	2.5	10.0	12.5
2.	M a r o s	2.5	5.0	30.0	60.0	97.5
3.	Pangkep	–	2.5	–	60.0	62.5
4.	G o w a	–	15.0	47.5	62.5	125.0
5.	Takalar	–	–	35.0	5.0	40.0
6.	Jeneponto	–	5.0	50.0	15.0	70.0
7.	Bantaeng	–	–	35.0	–	35.0
8.	Bulukumba	–	–	67.5	42.5	110.0
9.	Selayar	–	–	37.5	30.0	67.5
10.	Sinjai	–	5.0	22.5	35.0	62.5
11.	B a r r u	–	5.0	62.5	22.5	90.0
12.	Pare-Pare	–	–	10.0	–	10.0
13.	Pinrang	–	45.0	65.0	40.0	150.0
14.	Sidrap	–	–	17.5	112.5	130.0
15.	Enrekang	–	5.0	32.5	57.5	95.0
16.	B o n e	10.0	20.0	230.0	122.5	382.5
17.	W a j o	–	–	45.0	195.0	240.0
18.	Soppeng	12.5	2.5	20.0	30.0	115.0
19.	T a t o r	2.5	2.5	75.0	30.0	120.0
20.	L u w u	–	17.5	347.5	195.0	560.0
21.	Polmas	–	20.0	115.0	15.0	150.0
22.	Majene	–	–	–	–	–
23.	Mamuju	–	–	–	–	–
	T o t a l	27.5	160.0	1,347.5	1,190.0	2,725.0

Source: Land classification map for horticulture/Map No.16

Table 10 (7)   Citrus fruit

Unit: 1,000 ha.

No.	Kabupaten	Very good	Good	Fair	Poor	Total
1.	U.Pandang	-	-	5.0	7.5	12.5
2.	M a r o s	-	-	72.5	23.0	97.5
3.	Pangkep	-	-	52.5	10.0	62.5
4.	G o w a	5.0	27.5	35.0	57.5	125.0
5.	Takalar	12.5	15.0	10.0	2.5	40.0
6.	Jeneponto	27.5	22.5	20.0	-	70.0
7.	Bantaeng	20.0	10.0	5.0	-	35.0
8.	Bulukumba	37.5	5.0	57.5	10.0	110.0
9.	Selayar	37.5	-	30.0	-	67.5
10.	Sinjai	-	-	52.5	10.0	62.5
11.	B a r r u	-	-	82.5	7.5	90.0
12.	Pare-Pare	-	-	10.0	-	10.0
13.	Pinrang	-	-	125.0	25.0	150.0
14.	Sidrap	-	-	65.0	65.0	130.0
15.	Enrekang	-	-	5.0	90.0	95.0
16.	B o n e	-	-	257.5	125.0	382.5
17.	W a j o	-	-	120.0	120.0	240.0
18.	Soppeng	-	-	107.5	7.5	115.0
19.	T a t o r	-	-	27.5	92.5	120.0
20.	L u w u	-	-	392.5	167.5	560.0
21.	Polmas	-	-	107.5	42.5	150.0
22.	Majene	-	-	-	-	-
23.	Mamuju	-	-	-	-	-
	T o t a l	140.0	80.0	1,640.0	865.0	2,725.0

Source: Land classification map for citrus fruit/Map No. 18.

Table 10 - (8)   Estate Crops

Unit: 1,000 ha.

No. Kabupaten	Very good	Good	Fair	Poor	Total
1. U.Pandang	-	5.0	7.5	-	12.5
2. Maros	22.5	30.0	12.5	32.5	97.5
3. Pangkep	-	32.5	20.0	10.0	62.5
4. Gowa	-	-	52.5	72.5	125.0
5. Takalar	2.5	2.5	30.0	5.0	40.0
6. Jeneponto	2.5	7.5	45.0	15.0	70.0
7. Bantaeng	-	2.5	27.5	5.0	35.0
8. Bulukumba	10.0	10.0	67.5	20.0	110.0
9. Selayar	5.0	50.0	32.5	-	67.5
10. Sinjai	5.0	12.5	25.0	17.5	62.5
11. Barru	-	15.0	62.5	12.5	90.0
12. Pare-Pare	2.5	-	7.5	-	10.0
13. Pinrang	70.0	27.5	42.5	10.0	150.0
14. Sidrap	-	5.0	47.5	77.5	130.0
15. Enrekang	-	-	7.5	87.5	95.0
16. Bone	112.5	122.5	77.5	70.0	382.5
17. Wajo	17.5	2.5	102.5	117.5	240.0
18. Soppeng	-	27.5	57.5	30.0	115.0
19. Tator	-	22.5	10.0	87.5	120.0
20. Luwu	2.5	40.0	405.0	112.5	560.0
21. Polmas	37.5	67.5	15.0	30.0	150.0
22. Majene	-	-	-	-	-
23. Mamuju	-	-	-	-	-
Total	290.0	462.5	1,155.0	817.5	2,725.0

Note: Excluding coconut, coffee and clove
Source. Land classification map for estate crops/Map No. 15.

Table 10 - (9)   Coconut

Unit: 1,000 ha.

No. Kabupaten	Very good	Good	Fair	Poor	Total
1. U.Pandang	2.5	2.5	7.5	-	12.5
2. Maros	25.0	30.0	20.0	22.5	97.5
3. Pangkep	27.5	2.5	22.5	10.0	62.5
4. Gowa	-	-	62.5	62.5	125.0
5. Takalar	-	5.0	30.0	5.0	40.0
6. Jeneponto	7.5	2.5	45.0	15.0	70.0
7. Bantaeng	-	2.5	27.5	5.0	35.0
8. Bulukumba	5.0	7.5	77.5	20.0	110.0
9. Selayar	5.0	-	62.5	-	67.5
10. Sinjai	7.5	22.5	30.0	2.5	62.5
11. Barru	-	25.0	52.5	12.5	90.0
12. Pare-Pare	2.5	-	7.5	-	10.0
13. Pinrang	75.0	42.5	25.0	7.5	150.0
14. Sidrap	-	22.5	45.0	62.5	130.0
15. Enrekang	-	-	5.0	90.0	95.0
16. Bone	95.0	127.5	75.0	85.0	382.5
17. Wajo	17.5	22.5	80.0	120.0	240.0
18. Soppeng	-	35.0	57.5	22.5	115.0
19. Tator	-	20.0	15.0	85.0	120.0
20. Luwu	15.0	107.5	265.0	172.5	560.0
21. Polmas	32.5	75.0	10.0	32.5	150.0
22. Majene	-	-	-	-	-
23. Mamuju	-	-	-	-	-
Total	317.5	552.5	1,022.5	832.5	2,275.0

Source: Land classification map for coconut/Map No.17.

Table 10 (10) Coffee

Unit: 1,000 ha.

No.	Kabupaten	Very good	Good	Fair	Poor	Total
1.	U.Pandang	-	12.5	-	-	12.5
2.	Maros	32.5	37.5	20.0	5.0	97.5
3.	Pangkep	27.5	47.5	12.5	-	62.5
4.	Gowa	-	65.0	60.0	-	125.0
5.	Takalar	-	25.0	15.0	-	40.0
6.	Jeneponto	-	30.0	27.5	12.5	70.0
7.	Bantaeng	-	10.0	25.0	-	35.0
8.	Bulukumba	5.0	55.0	50.0	-	110.0
9.	Selayar	-	-	35.0	32.5	67.5
10.	Sinjai	-	42.5	20.0	-	62.5
11.	Barru	12.5	52.5	25.0	-	90.0
12.	Pare-Pare	-	10.0	-	-	10.0
13.	Pinrang	32.5	110.0	7.5	-	150.0
14.	Sidrap	7.5	62.5	60.0	-	180.0
15.	Enrekang	5.0	90.0	-	-	95.0
16.	Bone	162.5	105.0	92.5	22.5	382.5
17.	Wajo	-	97.5	122.5	20.0	240.0
18.	Soppeng	30.0	-	82.5	2.5	115.0
19.	Tator	37.5	82.5	-	-	120.0
20.	Luwu	-	322.5	237.5	-	560.0
21.	Polmas	55.0	92.5	2.5	-	150.0
22.	Majene	-	-	-	-	-
23.	Mamuju	-	-	-	-	-
	Total	382.5	1,352.5	895.0	95.0	2,725.0

Source: Land classification map for coffee/Map No. 19.

Table 10 (11) Clove

Unit: 1,000 ha.

No.	Kabupaten	Very good	Good	Fair	Poor	Total
1.	U.Pandang	-	12.5	-	-	12.5
2.	Maros	2.5	57.5	35.0	2.5	97.5
3.	Pangkep	-	30.0	10.0	22.5	62.5
4.	Gowa	-	-	92.5	32.5	125.0
5.	Takalar	-	-	27.5	12.5	40.0
6.	Jeneponto	-	-	27.5	42.5	70.0
7.	Bantaeng	-	-	12.5	22.5	35.0
8.	Bulukumba	-	10.0	42.5	57.5	110.0
9.	Selayar	-	-	5.0	62.5	67.5
10.	Sinjai	10.0	27.5	25.0	-	62.5
11.	Barru	-	10.0	37.5	42.5	90.0
12.	Pare-Pare	-	2.5	-	7.5	10.0
13.	Pinrang	10.0	92.5	27.5	20.0	150.0
14.	Sidrap	-	12.5	62.5	55.0	130.0
15.	Enrekang	-	-	77.5	17.5	95.0
16.	Bone	20.0	167.5	105.0	90.0	382.5
17.	Wajo	-	25.0	85.0	130.0	240.0
18.	Soppeng	2.5	25.0	20.0	67.5	115.0
19.	Tator	-	27.5	75.0	17.5	120.0
20.	Luwu	-	70.0	405.0	85.0	560.0
21.	Polmas	7.5	77.5	30.0	35.0	150.0
22.	Majene	-	-	-	-	-
23.	Mamuju	-	-	-	-	-
	Total	52.5	647.5	1,202.5	822.5	2,725.0

Source: Land classification map for clove/Map No. 20.

Table 11   Classification of Forest Area by the Management Guide

Unit: 1,000 ha.

Name of Kab.	I_1	I_2	I_3	II_1	II_2	II_3	Total
1. U.Pandang	-	5.0	-	-	-	-	5.0
2. M a r o s	-	52.5	5.0	-	20.0	-	77.5
3. Pangkep	-	30.0	-	-	-	-	30.0
4. G o w a	-	35.0	30.0	-	15.0	-	80.0
5. Takalar	-	15.0	-	-	7.5	-	22.5
6. Jeneponto	-	-	-	-	15.0	-	15.0
7. Bantaeng	-	-	5.0	-	5.0	-	10.0
8. Bulukumba	-	7.5	5.0	-	15.0	-	27.5
9. Selayar	-	-	-	7.5	20.0	-	27.5
10. Sinjai	-	15.0	7.5	-	-	-	22.5
14. Barru	-	82.5	-	-	2.5	-	85.0
15. Pare-Pare	-	7.5	-	-	-	-	7.5
16. Pinrang	-	10.0	10.0	-	62.5	5.0	87.5
17. Sidrap	-	2.5	-	-	57.5	17.5	77.5
18. Enrekang	-	20.0	-	-	40.0	40.5	100.0
11. B o n e	-	15.0	7.5	12.5	155.0	-	190.0
12. W a j o	-	-	-	-	75.0	-	75.0
13. Soppeng	-	2.5	-	-	60.0	-	62.5
22. Tator	-	60.0	100.0	-	-	7.5	167.5
23. L u w u	-	597.5	75.0	47.5	112.5	25.0	857.5
19. Polmas	-	87.5	60.0	2.5	37.5	7.5	195.0
20. Majene							
21. Mamuju							
Total		1,045.0	305.0	70.0	700.0	102.5	2,222.5

Note: Collected maps are not covered Kab. Majene, Kab. Mamuju and partial area of Kab. Luwu. This total acreage is estimated about 1 million ha.

Source: Forest classification map for management guide/Map No. 22.

Note

A Management guide of each condition

Divi- sion	Combination of physical factors		Sub Divisi on	Management guide		
	Soil conditi on	Elevat ion		Method of re- generat ion	Planting density	Introduced trees and the ratio
I	0 0	0 Δ	I_1	Artifi- cial rep- roduction	2,500/ha	Economical tree- species (only) (mixed more than 2 kinds in belts)
	Δ Δ X X	0 Δ 0 Δ	I_2	idem	idem	Economical tree- species (70%) Soil improving tree-species (30%) (mixed in belt)
	0 Δ X	X X X	I_3	Natural regene- ration		Raise natural use- ful trees to good forest
	0 0	0 Δ	II_1	Artificial reproduct- ion	400/ha	Economical tree- species (70%) Soil improving tree species (30%)
	Δ Δ X X	0 Δ 0 Δ	II_2	idem	idem	Economical tree- species (50%) Soil improving tree-species (50%)
	0 Δ X	X X X	III_3	Natural regene- ration		Raise natural use- ful trees to good forest

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Table: 12. Classification by Erodible Degree in Forest Area

Name of Kab.	H H	H	M	L	Total
1. U.Pandang	-	-	-	5.0	5.0
2. M a r o s	-	-	20.0	57.5	79.5
3. Pangkep	2.5	-	10.0	17.5	30.0
4. G o w a	-	-	20.0	60.0	80.0
5. Takalar	-	-	2.5	20.5	22.5
6. Jeneponto	-	-	2.5	12.5	15.0
7. Bantaeng	-	-	5.0	5.0	10.0
8. Bulukumba	-	-	5.0	22.5	27.5
9. Selayar	-	-	-	27.5	27.5
10. Sinjai	-	2.5	10.0	10.0	22.5
14. Barru	-	-	20.0	65.0	85.0
15. Pare-Pare	-	-	7.5	-	7.5
16. Pinrang	-	-	7.5	80.0	87.5
17. Sidrap	-	-	30.0	47.5	77.5
18. Enrekang	-	-	22.5	77.5	100.0
11. B o n e	-	-	-	190.0	190.0
12. W a j o	-	-	-	75.0	75.0
13. Soppeng	-	-	-	62.5	62.5
22. Tator	-	-	87.5	80.0	167.5
23. L u w u	-	-	147.5	710.0	857.5
19. Polmas	-	-	50.0	145.0	195.0
20. Majene					
21. Mamuju					
Total	2.5	2.5	447.5	1,770.0	2,222.5

Source: Land classification map by erodible degree in forest area/Map No. 21.

Note

(Step - 1)	(Step -2)		(Erodible degree)	(Probability of erosion development)
I	I	⟶	HH	Spread rapidly
I	II	⟶	H	Newly occured or danger of spreading
I	III	⟶	M	Little occured as long as not disturbed
II	I	⟶	H	Danger of spread
II	II	⟶	M	Little occured as long as not disturbed
II	III	⟶	L	No occurence as long as not disturbed
III	I	⟶	M	Possible for natural regreening
III	II	⟶	L	Keep stable despite some disturbance
III	III	⟶	L	Keep stable despite some disturbance

Note: HH 〉H 〉M 〉L

As for the restoration works on denuded forest land, the first step is classification of bare and critical lands by condition of their denudation.

The methods of restoration should be selected and decided according to the denuded conditions. Grasses have the function of erosion control suitable for the introduced plants at the first stage of the bare land improvements.

III.   Collected Maps on General Condition

3.1.   List of map of analized general maps.

(No.)

31.   Road network 1973.
32.   Monthly rainfall.
33.   Demographycal map of Kabupaten-s.
34.   Distribution of land utilization.
35.   Soil map and suitability for crops.
36.   Watered and dry rice field.
37.   Distribution of food crop area.
38.   Distribution of corn and cassava.
39.   Total area coconut, candlenut and kapok.
40.   Total area of coffee and cloves.
41.   Distribution of population, crop area per capita
        and draft cattle.
42.   Distribution of horses, caws and buffaloes.
43.   Forestry area (1972) and volume of forestry products.
44.   Sea and inland waters production of fish.
45.   Area and production of shrimps (1972).
46.   Existing industries.

3.2.   Maps: Collected maps mentioned above are shown in the
following pages 47 to 62.

31. JARINGAN JALAN
SULAWESI SELATAN 1973
ROAD NETWORK 1973
SOUTH SULAWESI
SCALE = 1 : 1.560.000

LEGENDA/LEGEND

Jalan negara state roads

jalan propinsi provincial roads

32. CURAHAN HUJAN BULANAN
SOUTH SULAWESI
MONTHLY RAINFALL
1931 – 1960
SCALE = 1 : 1.560.000
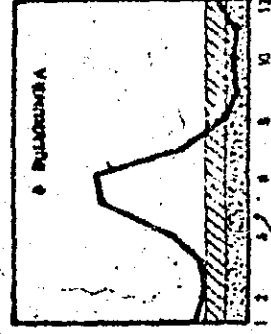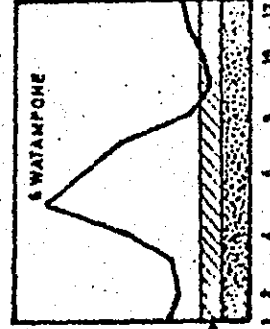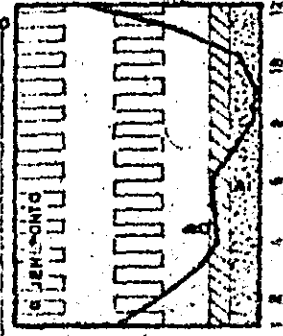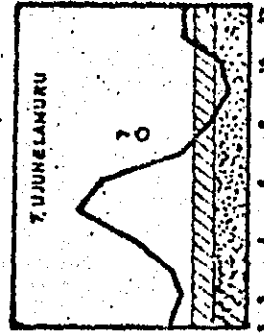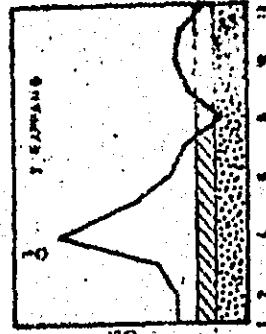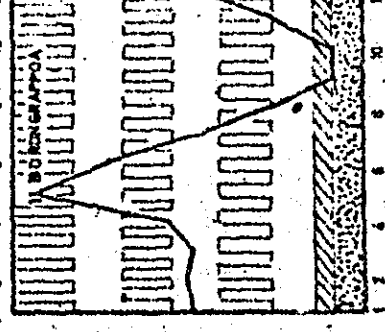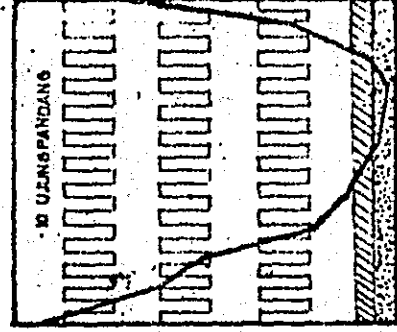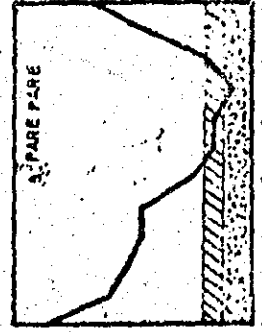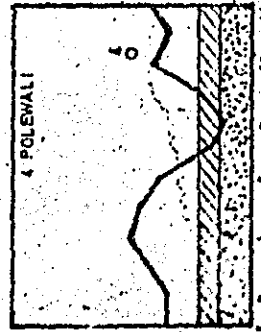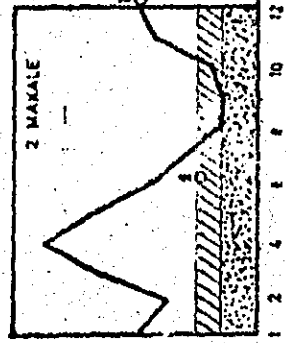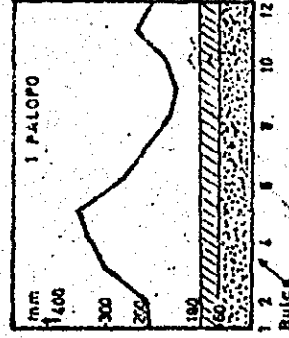
LEGENDA/LEGEND

Curahan hujan bulanan — monthly rainfall

1. < 60 mm   = bulan kering — dry months
2. 60 - ≤ 100 mm bulan lembab — moist
3.   > 100 mm   bulan basah — wet

Sumber: Departmen Perhubungan, Direktorat Jendral Perhubungan
Udara, Lembaga Meteorologi dan Geofisika, Jakarta, 1966

Curahan hujan Rata? Diluar Pulau Jawa dan Madura(Mean rainfall
on the States Outside Java and Madura, Periode 1931–1960

Source:
water, source? not, no & Part :;

Ministry of Communications: Directorate General of Air Ce
                                                   and Geophysical Institute,

Jakarta 1966

– 48 –
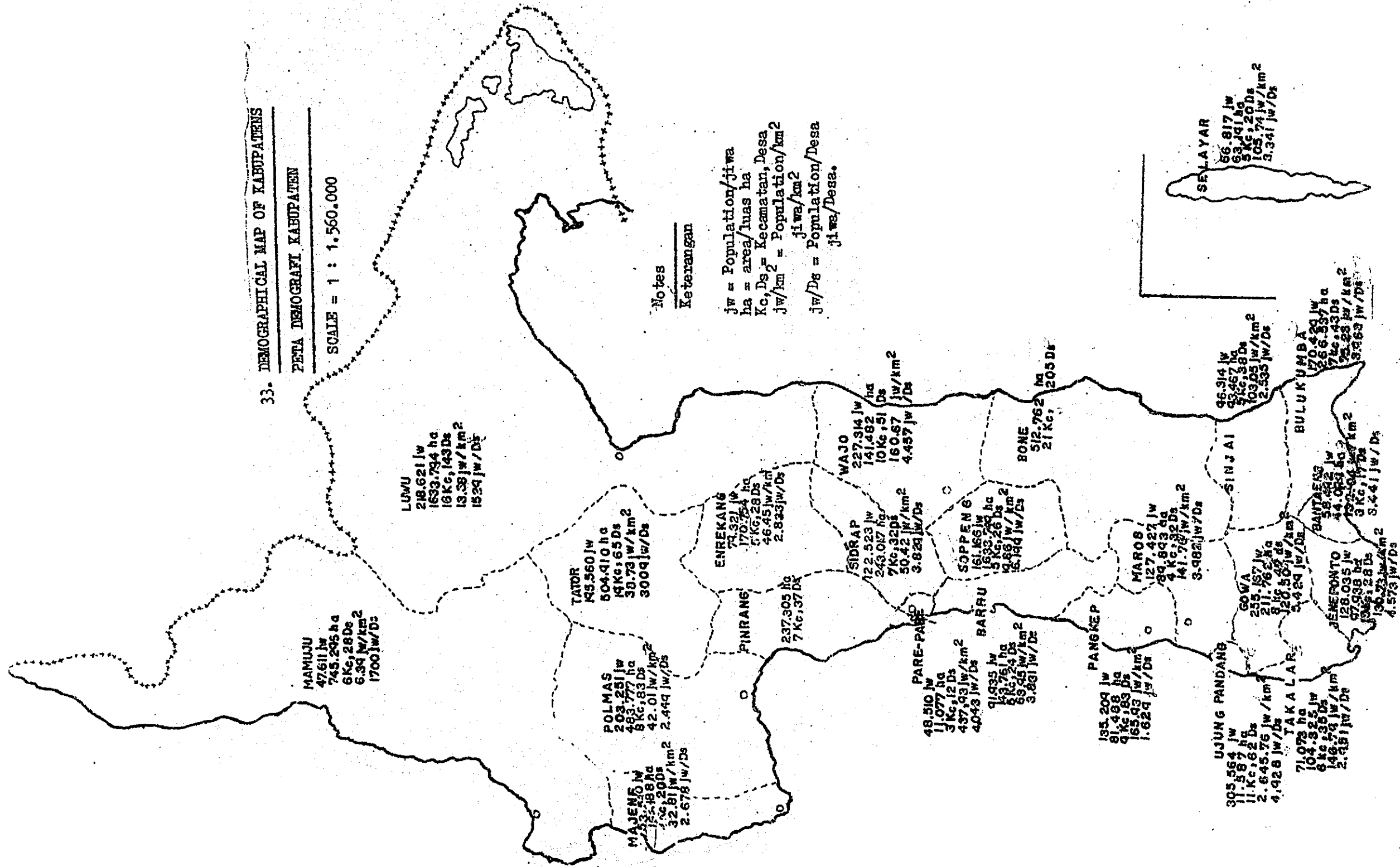
Notes

Keterangan

Jw = Population/jiwa
ha = area/luas ha
Kc, Ds = Kecamatan, Desa
Jw/km2 = Population/km2
jiwa/km2
Jw/Ds = Population/Desa
jiwa/Desa.

SELAYAR
66.817 Jw
63.141 ha
5 Kc, 20 Ds
105.74 Jw/km²
3.341 Jw/Ds

LUWU
218.621 Jw
1633.794 ha
16 Kc, 143 Ds
13.38 Jw/km²
1529 Jw/Ds

MAMUJU
47.611 Jw
745.295 ha
6 Kc, 28 Ds
6.39 Jw/km²
1700 Jw/Ds

TATOR
143.560 Jw
504.410 ha
14 Kc, 65 Ds
30.73 Jw/km²
3009 Jw/Ds

POLMAS
203.251 Jw
483.777 ha
8 Kc, 83 Ds
42.01 Jw/km²
2.444 Jw/Ds

MAJENE
73.426 Jw
253.488 ha
4 Kc, 20 Ds
32.81 Jw/km²
2.678 Jw/Ds

ENREKANG
71.321 Jw
170.754 ha
7 Kc, 28 Ds
46.451 Jw/km²
2.833 Jw/Ds

PINRANG
237.305 ha
7 Kc, 37 Ds

SIDRAP
122.523 Jw
243.047 ha
7 Kc, 32 Ds
50.42 Jw/km²
3.829 Jw/Ds

WAJO
227.314 Jw
141.482 ha
10 Kc, 51 Ds
160.67 Jw/km²
4.457 Jw/Ds

SOPPEN G
61.661 Jw
13 Kc, 26 Ds
Jw/km²
Jw/Ds

BONE
512.762 ha
21 Kc,
205 Ds

PARE-PARE
48.510 Jw
1.077 ha
3 Kc, 12 Ds
457,431 Jw/km²
4043 Jw/Ds

BARRU
91.935 Jw
143.761 ha
5 Kc, 24 Ds
63.95 Jw/km²
3.831 Jw/Ds

MAROS
127.422 Jw
89.893 ha
4 Kc, 32 Ds
141.79 Jw/km²
3.982 Jw/Ds

PANGKEP
135.209 Jw
81.488 ha
9 Kc, 83 Ds
165.93 Jw/km²
1.629 Jw/Ds

SINJAI

BULUKUMBA
170.429 Jw
266.58 ha
7 Kc, 43 Ds
75.28 Jw/km²
3.963 Jw/Ds

BANTAENG
58.42 Jw
44.043 ha
3 Kc, 44 Ds
Jw/km²
Jw/Ds

GOWA
215.157 Jw
211.76 ha
8 Kc, 55 Ds
3.429 Jw/Ds

UJUNG PANDANG
305.564 Jw
11.584 ha
11 Kc, 62 Ds
2.645.76 Jw/km²
4.928 Jw/Ds

TAKALAR
71.073 Jw
104.325 ha
6 Kc, 26 Ds
146.74 Jw/km²
2.451 Jw/Ds

JENEPONTO
128.035 Jw
67.938 ha
2 Kc, 28 Ds
4.573 Jw/Ds

34. DISTRIBUTION OF LAND UTILIZATION MAP

PETA PENGGUNAAN TANAH

SCALE = 1 : 1,560,000

POPULATION DENSITY/ KEPADATAN PENDUDUK (> 100/Km²)
PADDY FIELD/PADI SAWAH (> 15 %)
ESTATE/PERKEBUNAN (> 10 %)
UPLAND/TANAH KERING (> 15 %)
GRASS LAND/P. RUMPUT (> 15 %)
FISH POND/PEREMPANGAN (> 2 %)
FOREST/KEHUTANAN (> 50 %)
SHIFTING CULTIVATION/ PERLADANGAN (> 5 %)

35. PETA TANAH dan KECOCOKAN TANAMAN
(KONSENTRASI LOKASI YANG PALING COCOK UNTUK BER
bagai TANAMAN PERTANIAN TERPENTING)

di PROPINSI SULAWESI SELATAN.

SOIL MAP AND SUITABILITY FOR CROPS
(MOST SUITABLE LOCATIONS FOR SELECTED CROPS)

SOUTH SULAWESI
1973

SCALE = 1 : 1.550.000

LEGENDA/LEGEND

1 Aluvial
2 Glei
3 Litosol
4 Regosol
5 Grumusol
6 Rendzina
7 Brown Forest Soil
8 Andosol
9 Mediteran
10 to
11 Latosol
12 Laterriik
13 Podsolik Merah-Kuning
( ) Kompleks tanah/land area

jalan raya/main road
bers adieun peta tanah
(digantar dari peta tanah linjau

Prop. Sulawesi Selatan, Lembaga
Penelitian Tanah Bogor 1969)
Unit border of soil map.
(adapted from Bogor Soil Research
Institute, 1969)

tanaman yang dapat dikembangkan
kira untuk y.a.d (future crops)
kracang ijo (green beans)

ubi kayu (cassava)

Lokasi tanaman belum tepat se-
cara kategoria. (crops location
not fully extract)

(CENTRAL SULAWESI)
SUL. TENG.
S U L.   T E N G.

TELUK BONE
(BONE BAY)

SUL TENGG
(SOUTH EAST SUL)

(MAKASSAR STRAIT)

S E L A T   M A K A S S A R

PALOPO
B. RANTEMARIO 3440
ENREKANG
MAKALE
B. KARUA 2890
POLEWALI
MAMUJU
MAJENE
PINRANG
PARE PARE
BARRU
PANGKAJENE
MAROS
UJUNGPANDANG
SUNGGUMINASA
JENEPONTO
B. LOMPO BATTANG
BULUKUMBA
BONTAIN
SINJAI
WATAMPONE
WATANSOPPENG
MENGKENDEK

D. TOWUTI
D. MATANO
WOTU
MALILI

MENENG
SELAYAR

peternakan (ranch)
animal husbandry

sawah tadah hujan
sawah rain fed field

kapok cepet

gula (tebu)
sugar cane

cengke cloves
tembakau Burley Burley tobacco
kopi coffee
karet rubber
kacang tanah peanuts

(rami)
siraw

sawah barengaran
irrigated rice field

fasilitas
pengeringan jagung
maize drying

ujot sutc
silk industry

emping
fish paste

ubi kayu
cassava

fabrik kertes gowa
sawa paper mill

tembakau Virginia
Virginia tobacco

fasilitas peodingin
cold storage

jagung cera maipon

36. PETA AREAL LUAS PADI SAWAH
DAN LADANG
SULAWESI SELATAN
TOTAL AREA
WATERED AND DRY RICE FIELDS
SOUTH SULAWESI
1973

SCALE = 1 : 1.560.000

S U L. T E N G G.
(SOUTH EAST SULAWESI)

S U L. T E N G.
(CENTRAL SUL)

LEGENDA

areal sawah (watered field)
areal ladang (dry fields)

7200 Ha
2500 Ha

T E L U K B O N E (BONE BAY)

S E L A T M A K A S A R

(MAKASSAR STRAIT)

37. PENYEBARAN AREAL PERSAWAHAN BAHAN MAKANAN, PERTAHUN
(RATA-RATA TAHUN 1970,1971)

SOUTH SULAWESI
DISTRIBUTION OF FOOD
CROP AREA

(ANNUAL AVERAGE 1970-1971)

SCALE = 1 : 1.500.000

SUL. TENG.
(CENTRAL SULAWESI)

SUL. TENGG.
SOUTH EAST SUL.

(BONE BAY)

(MAKASSAR STRAIT)

MAKASSAR STRAAT

LEGENDA/LEGEND

PALOPO
POLEWALI
MAJENE
MAMUJU
PARE PARE
WATAMPONE
UJUNG PANDANG

- 5

38. PETA PENYEBARAN TANAMAN JAGUNG DAN KETELA SULAWESI SELATAN 1973
DISTRIBUTION OF CORN AND CASSAVA SOUTH-SULAWESI 1973
SCALE = 1 : 1.560.000
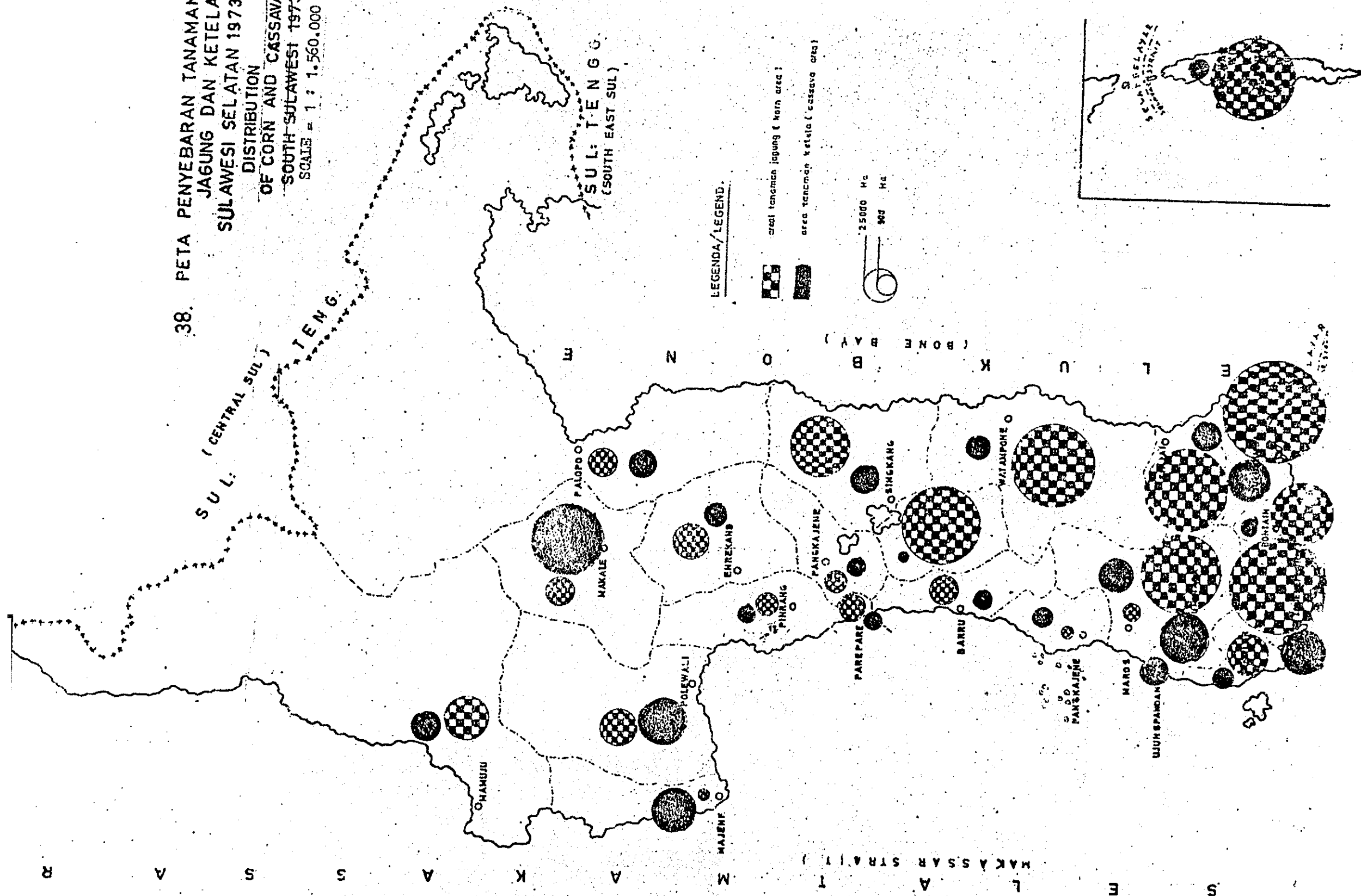
LEGENDA/LEGEND.

areal tanaman jagung (korn area)

area tanaman ketela (cassava area)

25000 Ha
900 Ha

(CENTRAL SUL.)
S U L.   T E N G.

S U L.   T E N G G.
(SOUTH EAST SUL.)

T E L U K   B O N E   (BONE BAY)

S E L A T   M A K A S S A R   (MAKASSAR STRAIT)

PALOPO
MAKALE
ENREKANG
PANGKAJENE
POLEWALI
PINRANG
PAREPARE
WATAMPONE
SINGKANG
BARRU
PANGKAJENE
MAROS
MAJENE
MAMUJU
UJUNG PANDANG
BONTAIN

39. PETA PENYEBARAN TANAMAN
KELAPA – KEMIRI – KAPUK
SULAWESI SELATAN 1973

TOTAL AREA
COCONUT CANDLENUT CAPOC
SOUTH SULAWESI
1973
SCALE = 1 : 1.560.000

LEGENDA.

Kelapa (coconut)
Kemiri (candlenut)
Kapok (capoc)

3600 Ha
1600 Ha
400 Ha

40. PETA PENYEBARAN TANAMAN
KOPI CENGKEH
SULAWESI SELATAN
1973

TOTAL AREA
COFFEE AND CLOVES
SOUTH SULAWESI
1973

SCALE = 1 : 1.550.000

SUL TENG (CENTRAL SUL.)

SUL TENGG. (SOUTH EAST SUL.)

LEGENDA

Kopi (coffee)
Cengkeh (cloves)

2500. Ha
500. Ha
100. Ha

T E L U K   B O N E   (BONE BAY)

P. SELAYAR

PALOPO
MAKALE
ENREKANG
PANGKAJENE
PINRANG
PARE PARE
BARRU
MAROS
SINGKANG
WT. SOPPENG
WATAMPONE
SINJAI
BULUKUMBA
BONTAIN
GUNGNASA
UJUNG PANDANG
PANGKAJENE
POLEWALI
MAMUJU
MAJENE

S E L A T   M A K A S S A R   (STRAIT MAKASSAR)

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41. PETA PENYEBARAN PENDUDU
AREAL TANAMAN PERJIWA da
PERSEDIAAN TENAGA KERJA HEWAI
di PROPINSI SULAWESI SELATAN 197

DISTRIBUTION OF POPULATIO
CROP AREA PER-CAPI
AND DRAFT CATTLE
SOUTH SULAWES
1971

SCALE = 1 : 1.560.00

S U L. TENGG.
(SOUTH EAST SUL.

S U L. TENG.
S.U.t. (CENTRAL SULAWESI)
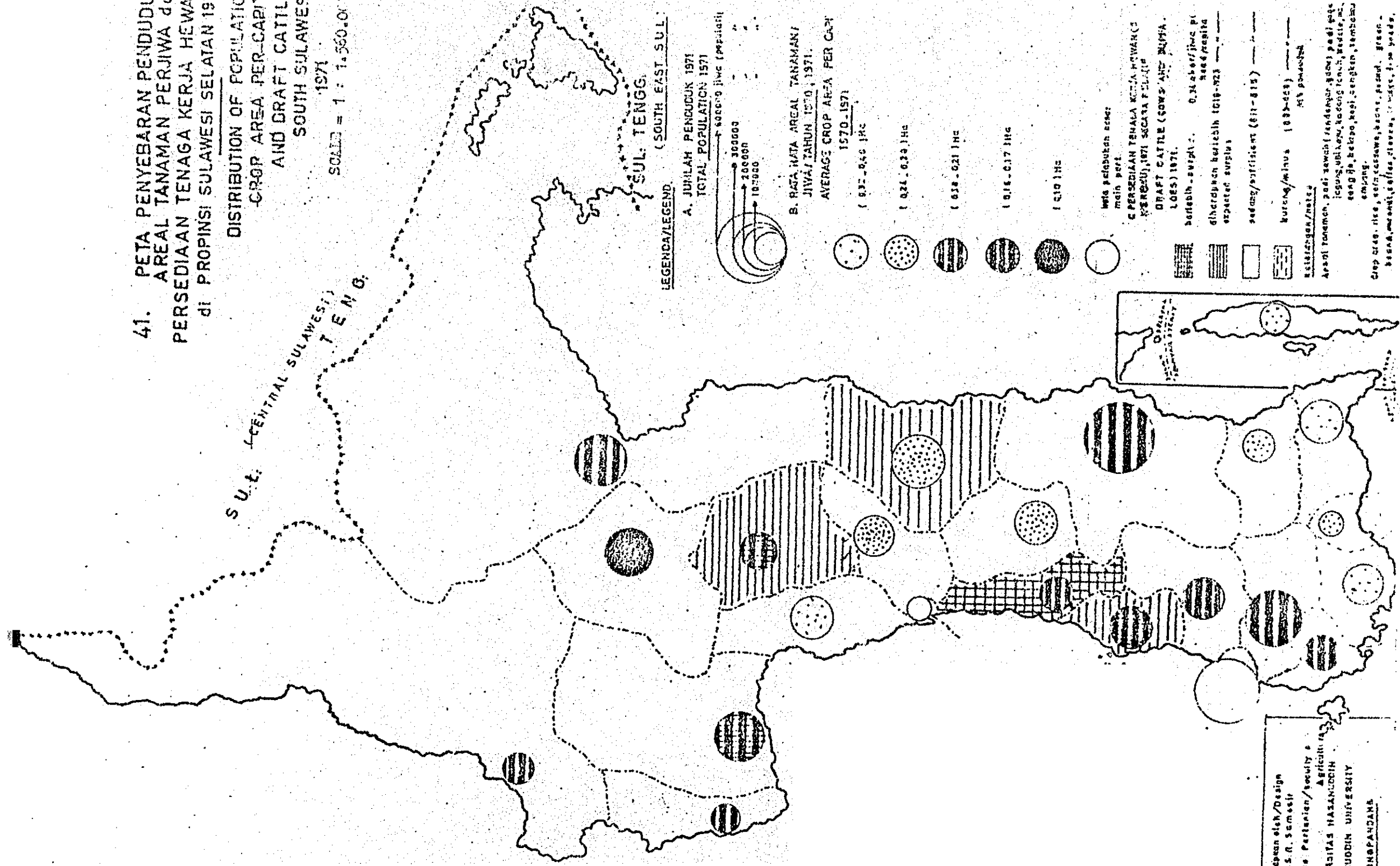
LEGENDA/LEGEND.

A. JUMLAH PENDUDUK 1971
TOTAL POPULATION 1971
600000 jiwa (penduduk)
300000
200000
100000

B. RATA-RATA AREAL TANAMAN/
JIWA/TAHUN 1970 , 1971.
AVERAGE CROP AREA PER CAP
1970 - 1971

(0.25 - 0.40)Ha
(0.24 - 0.20)Ha
(0.18 - 0.21)Ha
(0.14 - 0.17)Ha
(0.10)Ha

C. PERSEDIAAN TENAGA KERJA HEWAN (3
(KERBAU) 1971 SECARA PER-JIWA
DRAFT CATTLE (COWS AND BUFFA
LOES) 1971.
bertabih - surplt : .   0.34 ekor/jiwa pe
head/capita
dicharapkan terlebih 1016 - 023
expected surplus
sedang/sufficient (811 - 015)
kurang/minus (019-083) -
tdt penuduk

Kiberangan/note:

Areal tanaman, padi sawah (sandang, pagar) padi gaga
(jagung, ubikayu, kacang tanah, kodele,
sayu-la, bakao, kopi, cengkeh, jembaku
kapas)

Crop area, rice, rain/wetsawa, horn, pasad, grass,
kasa, muanite, ubia, cheera, cocoa, tea, pada,

Diolahkan oleh/Design
Seta S.R. Samasir
Fakultas Pertanian/Faculty a
Agricult
UNIVERSITAS HASANUDDIN
HASANUDDIN UNIVERSITY
UJUNGPANDANG

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42. PENYEBARAN TERNAK KUDA
SAPI DAN KERBAU
di PROPINSI SULAWESI SELATAN

DISTRIBUTION OF HORSES
COWS AND BUFFALOES

SOUTH SULAWESI 1971
SCALE = 1 : 1.500.000

SUL. (CENTRAL SUL.) TENG.

SUL TENG G.
(SOUTH EAST SUL.)

LEGENDA.LEGEND

5000 ekor.head
4000 "
2000 "
1000 "
500 "
1000 "

(1:1) kuda.horses
(1:2) sapi.cows
(1:3) kerbau.buffaloes

(Keseluruhnya digambar satu di
atas yang lain)
(Pictured over each other)

PESEDIAAN TENAGA KERJA HEWAN (SAPI.KERBAU)
UNTUK PERTANIAM (SECARA RELATIF)
DRAFT CATLE STOCK (COWS BUFFALOES)OF AGRICULTURE

setidaknya 0.14 ekor/jiwe pak (head/capita)
diharapkan (0.10-0.13)
terlebih (0.14-0.23)
expected surplus)
kurang (0.13.0.5)
sedang
sufficient
kekurangan 0.13.0.0.1

ANGKA THN 1977
DATA 1971

(B O N E)   (B A Y)   E L U K   (B O N E   B A Y)

PALOPO

MAKALE

ENREKANG

PANGKAJENE

SINGKANG

WATANSOPPENG

WATAMPONE

SINJAI

BULUKUMBA

POLEWALI

PINRANG

PARE PARE

BARRU

PANGKAJENE

MAROS

UJUNGPANDANG

SUNGGU MINASA

TAKALAR

JENEPONTO

MAMUJU

MAJENE

(MAKASSAR STRAIT)

MAKASSAR STRAIT

P. SELAYAR

BENTENG

Sielapan slav/Suriya
Seto S.R.Amasat
Fatulbas Partanian/Faculty af
Agriculture
UNIVERSITAS HASANUDDIM/HASANUDDIN
UNIVERSITY
UJUNG PANDANG 1971

43. LUAS KAWASAN HUTAN (1972)
DAN VOLUME PRODUKSI KEHUTANAN
(TAHUN 1969 s/d 1972)

FORESTRY AREA (1972)
AND VOLUME OF FORESTRY PRODUCTS
(1969-1972)

SOUTH SULAWESI

SCALE = 1 : 1.560.000

44. PRODUKSI IKAN BASAH
PERIKANAN DARAT DAN LAUT
TAHUN 1972

SEA AND INLAND WATERS
PRODUCTION OF FISH
1972

SCALE = 1 : 1.550.000

S U L . T E N G G.
(SOUTH EAST SUL.)

S U L . T E N G
(CENTRAL SULAWESI)

LEGENDA/LEGEND

produksi ikan basah
usaha perikanan darat (ton)
inland water fish

produksi ikan basah
usaha perikanan laut (ton)
sea fishery

= 1.50 ton

sedikit (perikanan darat)/
limited (inland fishery)

(BONE BAY)
T E L U K B O N E

(MAKASSAR STRAIT)
S E L A T M A K A S S A R

PALOPO
MAKALE
ENREKANG
PANGKAJENE
SINGKANG
WATANSOPPENG
WAJAMPONE
SINJAI
BANTANG
BULUKUMBA
JENEPONTO
TAKALAR
SUNGGUMINASA
UJUNGPANDANG
MAROS
PANGKAJENE
BARRU
PARE PARE
PINRANG
POLEWALI
MAJENE
MAMUJU

BONTEN

45. AREAL DAN PRODUKSI UDANG
TAHUN 1972

AREA AND PRODUCTION
OF SHRIMPS
1972

SCALE = 1 : 1.550.000

PETA INDUSTRI SULAWESI SELATAN

46. EXISTING INDUSTRIES
SOUTH SULAWESI
1973

SCALE = 1 : 1.560.000

LEGENDA/LEGEND

- Motor car assembling
- Pabrik es/ice factory
- Ice plant, cold storage
- Tanned rubber diem
- Saw industry
- Ketampak pandai besi / Iron smiths
- Pabrik makanan pengawetan dlm kaleng / Canned food
- Galangan kapal / Shipyard
- Tenun rajut mesin penyempurnaan tekstil / Textiles
- Konstruksi 2 mesin / Construction works
- Pabrik minyak kelapa, sabun, cat, kopi, kosmetika / Coconut oil, soap, paint, cosmetics
- Barang presat dari logam/kaleng / Iron furniture
- Pabrik kertas / Paper mill
- Razor, kretek, non mesin
- Cigarettes non mechanized
- Rokok mesin tembakau / Cigarettes, tobacco mechanized
- Percetakan, penjilidan, klise / Printing, binding
- Pemeliharaan ulat & giliatian ulat sutra / Silk works
- Barang barang bakaran dari tanah liat / Clay
- Pembakaran kapur / Limekilns
- Minuman es crem dll / Ice cream
- Perusahaan meubel non mesin / Non mechanized furniture
- Besi genteng mesin / Brick tiles machine
- Pabrik tegel dan beton / Tile and concrete plant
- Pabrik kulit / Leather works
- Minuman segar, keras, sari buah, buch / Beverages, alcoholics
- Pabrik porce, gelembong steng, kaleng, kawat dll / Saw mills
- Nails, wire, tins, wire
- Pengungkapan perkayuan / Saw mill
- Penggergajian tangan, tangung / Sawng, non mechanized
- Anyaman tikar pandan, puton, rotan, bambu / Basket work
- Gula rakyat / Salt
- Gula / Sugar
- Alat anyaman tak bermotor / non motorized transport mesin
- Tali temali prahu dan sabut kelapa / Coconut fibre for vessels
- Simca macam macanan / Pen
- Gas (all kinds)
- Ukiran kayu bambu dll / Sculpture (wood, bamboo etc)
- Pabrik barang dari glas / Glass factory
- Anyaman halus / Plait work

LEGENDA/LEGEND

- Pabrik tepung / Flour mill
- Pabrik semen / Cement plant
- Pabrik gula / Sugar mill
- Pabrik zat asam / Oxygen plant

Places: MANUJU, POLEWALI, MAJENE, PINRANG, MAKALE, ENREKANG, PANGKAJENE, PALOPO, SINGKANG, WATAMPONE, M.SOPPENG, PAREPARE, BARRU, UJUNGPANDANG, MAROS, TAKALAR, SINJAI, BULUKUMBA, BANTAENG, JENEPONTO

I.   Mesh Maps drew by the Team.
II.   Maps on Topography.
III.   Maps on Topography Condition.
IV.   Maps on Meteorology, Hydrology and Irrigation.

V.   Maps on Land - Use.
VI.   Maps on Soil Condition.
VII.   Maps on Forest, Grass Land and Fishery.
VIII.   Maps on Adiministration and others.

No.	Name of Map	Scale	Source of Original Map
	I. Mesh Maps Drew by the Team :		
1.	Penggunaan Tanah sekarang Propinsi Sulawesi Selatan.	1 / 500	Kantor Agraria Propinsi Sulawesi Selatan
2.	Curah Hujan Propinsi Sulawesi Selatan.	1 / 500	Metrology Propinsi Sulawesi Selatan.
3.	Ketinggian Propinsi Sulawesi Selatan.	1 / 500	Agraria Propinsi Sulawesi Selatan.
4.	Kemiringan Propinsi Sulawesi Selatan.	1 / 500	Agraria Propinsi Sulawesi Selatan.
5.	Macam Tanah Propinsi Sulawesi Selatan.	1 / 500	Lembaga Penelitian Tanah Bogor.
6.	Tekstur Tanah Propinsi Sulawesi Selatan.	1 / 500	Lembaga Penelitian Tanah Bogor.
7.	Kesuburan Tanah Propinsi Sulawesi Selatan.	1 / 500	Lembaga Penelitian Tanah Bogor.
8.	P.H. Tanah Propinsi Sulawesi Selatan.	1 / 500	Lembaga Penelitian Tanah Bogor.
9.	Geology Propinsi Sulawesi Selatan.	1 / 500	Direktorat Geology Departemen Pertambangan.
10.	Penggunaan Tanah Padi Sawah Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
11.	Penggunaan Tanah untuk Padi Gogo Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
12.	Penggunaan Tanah untuk Jagung Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
13.	Penggunaan Tanah untuk Kacang-2an Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
14.	Penggunaan Tanah untuk Ubi Kayu Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
15.	Penggunaan Tanah untuk Sayur-sayuran Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
16.	Penggunaan Tanah untuk Tanaman Industri Prop. Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
17.	Penggunaan Tanah untuk Kelapa Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
18.	Penggunaan Tanah untuk Jeruk Propinsi Sulawesi Selatan.	1/ 500	A T A - 1 4 0 .
19.	Penggunaan Tanah untuk Kopi Propinsi Sulawesi Selatan.	1 / 500	A T A - 1 4 0.
20.	Penggunaan Tanah untuk Cengkeh Propinsi Sulawesi Selatan.	1/ 500	A T A - 1 4 0.
21.	Kerusakan Akibat Erosi Propinsi Sulawesi Selatan.	1 / 500	
22.	Kondisi Hutan Sekarang Propinsi Sulawesi Selatan.	1 / 500	
23.	Kemungkinan Daerah Hutan untuk Daerah Pertanian Prop. Sul - Sel.	1 / 500	
24.	Kemungkinan Daerah Padang Rumput untuk Daerah Pertanian Prop. Sul-Sel.	1 / 500	
25.	Kemungkinan Tanah Ladang untuk Daerah Pertanian Prop. Sulawesi Selatan.	1 / 500	
26.	Kemungkinan Tanah Kering untuk Tanah Pertanian Prop. Sulawesi Selatan.	1 / 500.	
27.	Sawah Irrigasi dan Non Irrigasi Propinsi Sulawesi Selatan.	1 / 500	DPU Pengairan Sulawesi Selatan.
28.	Perencanaan Penggunaan Tanah Propinsi Sulawesi Selatan.	1 / 500	
29.	Peta Daerah Aliran Sungai Propinsi Sulawesi Selatan.	1 / 500	DPU Propinsi Sulawesi Selatan
(30.	Population Density)		

No.	Name of Map	Scale	Source of Original Map
	II. Topography :		
	101. Peta Topography Sulawesi.	1 / 1.000	Direktorat Geology Bandung.
	102. Peta Topography Sulawesi.	1 / 1.000	Direktorat Geology Bandung.
	III.		
	111. Indeks untuk Peta Topography.	1/250.000	
	112. Peta Topography Sulawesi Selatan.	1/250.000	
	121. Indeks untuk Peta Topography.	1/125.000	
	122. Peta Topography Sulawesi Selatan.	1/125.000	
	141. Indeks untuk Peta Topography.	1/100.000	
	142. Peta Topography Sulawesi Selatan.	1.100.000	
	151. Indeks untuk Peta Topography.	1 / 50.000	
	152. Peta Topography Sulawesi Selatan.	1 / 50.000	
	251. Peta Topography Kabupaten Jeneponto.	1 / 50.000	Direktorat Geology Bandung.
	252. Peta Topography Kabupaten Enrekang.	1/100.000	Direktorat Geology Bandung.
	253. Peta Topography Kabupaten Enrekang.	1/125.000	Direktorat Geology Bandung.
	III. Topography Condition :		
	301. Peta Geology Tinjau Daerah Ujung Pandang.	1/250.000	Direktorat Geology Bandung.
	302. Peta Geology Lembah Majene dan Bagian Barat Lembah Palopo.	1/250.000	Direktorat Geology Bandung.
	303. Peta Geology Sulawesi Selatan.	1/500.000	Direktorat Geology Bandung.
	304. Peta Geology Sulawesi Selatan.	1/1.000.000	Direktorat Geology Bandung.
	321. Situasi Daerah dan Ketinggian Wilayah Pengembangan Sul-Sel.	1/125.000	Agraria Sulawesi Selatan.
	322. Peta Ketinggian Sulawesi Selatan.	1/500.000	Agraria Sulawesi Selatan.
	323. Peta Bentuk Wilayah Sulawesi Selatan.	1/1.000.000	Agraria Sulawesi Selatan.
	324. Peta Topography Sulawesi Selatan.	1.500.000	Agraria Sulawesi Selatan.
	325. Peta Ketinggian Kabupaten Jeneponto.	1 / 50.000	Dinas Pertanian Jeneponto.
	326. Peta Ketinggian Sul-Sel Wilayah Pengembangan Bahagian Selatan.	1/500.000	Agraria Sulawesi Selatan.
	327. Peta Ketinggian Kabupaten Jeneponto.	1 / 50.000	Direktorat Geology Bandung.
	328. Peta Ketinggian Kabupaten Jeneponto.	1 / 50.000	Agraria Sulawesi Selatan.
	341. Peta Kemiringan Sulawesi Selatan.	1/500.000	Direktorat Agraria Sul - Sel.
	342. Peta Kemiringan Kabupaten Jeneponto.	1 / 50.000	Dinas Pertanian Kab. Jeneponto.
	343. Peta Lereng Kabupaten Jeneponto.	1 / 50.000	Direktorat Agraria Sul - Sel.

No.	Name of Map	Scale	Mapping by
344.	Peta Lereng Sul-Sel. Wilayah Pengembangan Bagian Selatan	1/50,000	Direktorat Agraria Sulawesi Selatan
345.	Peta Kemiringan Kabupaten Enrekang	1/100,000	Direktorat Agraria Sulawesi Selatan
346.	Peta bentuk Wilayah Sulawesi Selatan	1/500,000	Direktorat Agraria Sulawesi Selatan

IV. Meteorology, Hydrology, Irrigation

No.	Name of Map	Scale	Mapping by
401.	Peta Tempat Stasion Hujan Sulawesi Selatan	1/500,000	D P U. Ujung Pandang.
411.	Peta type Iklim Propinsi Sulawesi Selatan	1/1,000,000	Direktorat Metrologi Geofisika
412.	Peta type Iklim Sulawesi Selatan	1/500,000	Direktorat Metrologi dan Geofisika
413.	Peta Curah hujan Kabupaten Jeneponto	1/50,000	Dinas Pertanian Kabupaten Jeneponto
421.	Daerah aliran sungai Sulawesi Selatan	1/50,000	Agraria
422.	Peta Lokasi Daerah-daerah Irigasi Sulawesi Selatan	1/500,000	D P U. Sulawesi Selatan
423.	Peta Pengairan / Persawahan Kabupaten Tator	1/100,000	D P U.
424.	Peta daerah proyek irigasi di Sulawesi Selatan	1/500,000	D P U.
425.	Peta jaringan irigasi Kab. Luwu Bahagian Utara	1/100,000	D P U.
426.	Peta daerah aliran sungai utama Sul-Sel.	1/500,000	D A S.
427.	Peta pengairan dan kemungkinan perluasan areal pertanian Sulawesi Selatan	1/500,000	Lembaga Penelitian Tanah Bogor
428.	Peta irigasi Kabupaten Barru	1/50,000	Kantor Irigasi Saddang
429.	Peta ikhtisar daerah rehabilitasi Sub Proyek Saddang	1/50,000	Kantor Irigasi Saddang
430.	Peta Irigasi Kabupaten Bulukumba	1/50,000	Kantor Irigasi Bulukumba
431.	Schema daerah irigasi Manolohe Kab. Bulukumba/Sinjai	—	P U. Sie Pengairan Bulukumba/Sinjai
432.	Peta sungai Propinsi Sulawesi Selatan	1/500,000	P U. Pengairan Sulawesi Selatan.
433.	Peta sungai Sulawesi Selatan	1/500,000	D P U. Pengairan Sul-Sel.
434.	Peta daerah aliran sungai Sulawesi Selatan	1/500,000	Kanwil Deptan Sulawesi Selatan
435.	Peta lokasi Irigasi Kabupaten Bone	1/100,000	D P U.
436.	Peta lokasi Irigasi Sederhana SulSel.	1/500,000	D P U.
437.	Peta sungai Sulawesi Selatan	1/500,000	A T A.
438.	Peta sungai Kabupaten Jeneponto	1/50,000	A T A.
439.	Peta sungai Kabupaten Enrekang	1/100,000	A T A.

V. Land use

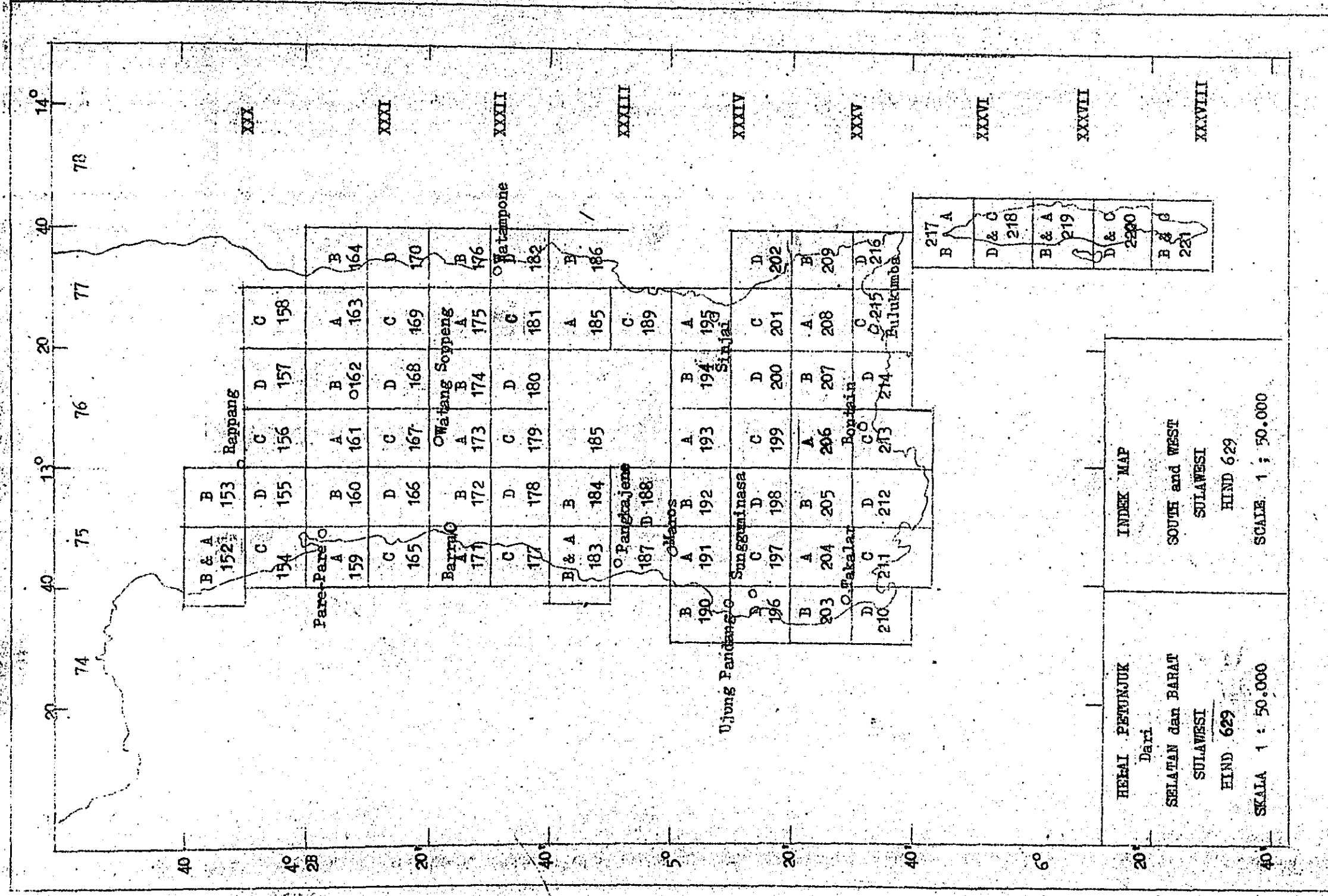| No.	Name of Map	Scale	Mapping by
501.	Peta Indeks Tata Guna Tanah Sulawesi Selatan	—	Direktorat Agraria Sul-Sel.
502.	Peta Tata Guna Tanah Sulawesi Selatan	1/100,000	Direktorat Agraria Sul-Sel.
521.	Peta Indeks Tata Guna Tanah Sul-Sel.	—	Direktorat Agraria Sul-Sel.
522.	Peta Tata Guna Tanah Sul-Sel.	1/50,000	Direktorat Agraria Sul-Sel.

No.	Name of map	Scale	Mapping by
561.	Peta Tata Guna Tanah Sul-Sel.	1/500,000	Lembaga Penelitian Tanah Bogor
562.	Peta Rekomendasi Tata Guna Tanah Sul-Sel.	1/500,000	Lembaga Penelitian Tanah Bogor
563.	Peta Penggunaan Tanah Sul-Sel.	1/500,000	Direktorat Agraria SulSel.
564.	Peta Pedoman Perluasan Areal Tanaman Perkebunan Kabupaten Barru	1/250,000	Lembaga Penelitian Tanah Bogor
565	Peta Rekomendasi Kabupaten Barru	1/250,000	Lembaga Penelitian Tanah Bogor
566	Peta Rekomendasi Kabupaten Bantaeng	1/250,000	Lembaga Penelitian Tanah Bogor
567.	Peta Pedoman Perluasan Tanaman Perkebunan Kabupaten Bantaeng	1/250,000	Lembaga Penelitian Tanah Bogor
568.	Peta Rekomendasi Kabupaten Pangkep	1/250,000	Lembaga Penelitian Tanah Bogor
569.	Peta Pedoman Perluasan Tanaman Perkebunan Pangkep	1/250,000	Lembaga Penelitian Tanah Bogor
570.	Peta Penggunaan Tanah Sul-Sel.	1/500,000	Direktorat Tata Guna Tanah Dirjen Agraria Jakarta
571.	Peta Penggunaan Tanah Sul-Sel.	1/500,000	Direktorat Agraria Sul-Sel.
572.	Peta Penggunaan Tanah Kabupaten Jeneponto	1/50,000	Direktorat Agraria Sul-Sel.
573.	Peta Klassifikasi Penggunaan Tanah Kab.Jeneponto	1/50,000	RADP/ATA-140 Sul-Sel.
574.	Peta Rekomendasi Kabupaten Jeneponto	1/250,000	Lembaga Penelitian Tanah Bogor
575.	Peta Pedoman Perluasan Tanaman Perkebunan Kabupaten Jeneponto	1/250,000	Lembaga Penelitian Tanah Bogor
576.	Peta Pedoman Perluasan Tanaman Perkebunan Kabupaten Enrekang	1/250,000	Lembaga Penelitian Tanah Bogor
577.	Peta Rekomendasi Kab. Enrekang	1/250,000	Lembaga Penelitian Tanah Bogor
578.	Peta Rekomendasi Kab. Enrekang	1/100,000	Lembaga Penelitian Tanah Bogor
579.	Peta Tata Guna Tanah Kab. Enrekang	1/100,000	Direktorat Agraria Sul-Sel.

VI. Soil condition

No.	Name of map	Scale	Mapping by
601.	Peta Kemampuan Wilayah Sul-Sel.	1/500,000	Lembaga Penelitian Tanah Bogor
602.	Peta Tanah Eksplorasi Sulawesi Selatan	1/1,000,000	Lembaga Penelitian Tanah Bogor
605.	Peta Tanah Eksplorasi Sulawesi Selatan	1/500,000	Lembaga Penelitian Tanah Bogor
604.	Peta Tanah Tinjau Sulawesi Selatan	1/500,000	Lembaga Penelitian Tanah Bogor
621.	Peta Tanah Tinjau Sulawesi Selatan	1/500,000	Lembaga Penelitian Tanah Bogor
622.	Peta Kesuburan Tanah Sulawesi Selatan	1/1,000,000	Lembaga Penelitian Tanah Bogor
623.	Peta Kesuburan Tanah Sulawesi Selatan	1/500,000	Lembaga Penelitian Tanah Bogor
624.	Peta Kebutuhan Fosfat Tanah Sul-Sel.	1,1,000,000	Lembaga Penelitian Tanah Bogor
625.	Peta Bagan Bahan Induk Sulawesi Selatan	1/1,000,000	Lembaga Penelitian Tanah Bogor
631.	Peta Tingkat Kemasaman Tanah Sul-Sel.	1/500,000	Lembaga Penelitian Tanah Bogor

No.	Name of Map	Scale	Mapping by
632.	Peta Tingkat Kemasaman Tanah Sul-sel.	1/1,000,000	Lembaga Penelitian Tanah Bogor
651.	Peta Kedalaman Tanah Kab. Jeneponto	1/50,000	Dinas Pertanian Rakyat Kab.Jeneponto
652.	Peta Tanah Tinjau Kab. Jeneponto	1/50,000	Lembaga Penelitian Tanah Bogor
653.	Peta PH. Tanah Kab. Jeneponto	1/50,000	Dinas Pertanian Rakyat Kab. Jeneponto
654.	Peta Konsep Nomor Sample Tanah Kab.Jeneponto	1/50,000	Dinas Pertanian Rakyat Kab. Jeneponto
655.	Peta Tekstur Tanah Kab. Jeneponto	1/50,000	Direktorat Agraria Sul-Sel
656.	Peta Kedalaman Tanah Efektif Kab.Jeneponto	1/50,000	Direktorat Agraria Sul-Sel.
657.	Peta Tanah Tinjau Kab. Jeneponto	1/250,000	Lembaga Penelitian Tanah Bogor
658.	Peta Kemampuan Wilayah Kab. Jeneponto	1/250,000	Lembaga Penelitian Tanah Bogor
659.	Peta Kemampuan Wilayah Kab. Enrekang	1/250,000	Lembaga Penelitian Tanah Bogor
660.	Peta Tanah Tinjau Kab. Enrekang	1/250,000	Lembaga Penelitian Tanah Bogor
661.	Peta Tanah Tinjau Kab. Enrekang	1/100,000	Lembaga Penelitian Tanah Bogor
662.	Peta Kedalaman Tanah Kab. Enrekang	1/50,000	Direktorat Agraria Prop. Sul-Sel.
663.	Peta Tanah Tinjau Kab. Barru	1/250,000	Lembaga Penelitian Tanah Bogor
664.	Peta Kemampuan Wilayah Kab. Barru	1/250,000	Lembaga Penelitian Tanah Bogor
665.	Peta Tanah Tinjau Kab. Pidrap	1/250,000	Lembaga Penelitian Tanah Bogor
666.	Peta Kemampuan Wilayah Kab. Bantaeng	1/250,000	Lembaga Penelitian Tanah Bogor
667.	Peta Kemampuan Wilayah Kab. Pangkep	1/250,000	Lembaga Penelitian Tanah Bogor
668.	Peta Tanah Tinjau Kab. Pangkep	1/250,000	Lembaga Penelitian Tanah Bogor

VII. Forest, Grass land, Fishery

No.	Name of Map	Scale	Mapping by
801.	Peta Hutan Lindung SulSel.	1/500,000	Kantor DAS Walanae
802.	Peta Daerah Aliran Sungai WalanaE	1/125,000	Kantor DAS WalanaE
803.	Peta Daerah Aliran Sungai WalanaE	1/125,000	Kantor DAS WalanaE
804.	Peta Daerah Aliran Sungai Saddang	1/500,000	Kantor DA Saddang
805.	Peta Kawasan Hutan Kab. Maros dan sekitarnya	1/125,000	
806.	Peta Rencana Tanah Guna Hutan Sul-Sel.	1/500,000	Dinas Kehutanan Sul-Sel.
807.	Peta Kawasan Hutan SulSel.	1/1,000,000	Dinas Kehutanan SulSel.
808.	Peta Kawasan Hutan Lindung Mutlak	1/500,000	Dinas Kehutanan Sul-Sel.
809.	Peta Hutan Lindung	1/500,000	Dinas Kehutanan Sul-Sel.
810.	Peta Kawasan Hutan Sul-Sel.	1/500,000	Dinas Kehutanan Sul-Sel.
811.	Peta Hutan Lindung Sul-Sel.	1/500,000	Dinas Kehutanan Sul-Sel.
812.	Peta Rencana Reboisasi PELITA II Kab.Enrekang	1/100,000	Dinas Kehutanan Sul-Sel.
813.	Peta Penghijauan dan Reboisasi Kec. Alla Kab. Enrekang	1/100,000	Kantor Kecamatan Alla
814.	Peta Kawasan Hutan Kab. Enrekang	1/125,000	Dinas Kehutanan Sul-Sel.

No.	Name of Map	Scale	Mapping by
821.	Peta Padang Rumput Kab. Sidrap	1/125,000	Dinas Peternakan Sidrap
831.	Peta Lokasi Pemukiman Sul-Sel.	1/500,000	- Kanwil Sosial Sul-Sel. - Direktorat P M D. - Dinas Kehutanan Sul-Sel.
841.	Peta Perikanan Kab. Jeneponto	1/50,000	Dinas Perikanan Kab. Jeneponto
842.	Peta Perikanan Kab. Jeneponto	1/50,000	ATA-140 Sul-Sel.

VIII. Administration, others

No.	Name of Map	Scale	Mapping by
901.	Peta Batas-batas Kabupaten di Sul-Sel.	1/500,000	Direktorat Agraria Sul-Sel.
902.	Peta Batas Kabupaten-kabupaten di Sul-Sel.	1/500,000	Direktorat Agraria Sul-Sel.
903.	Peta Potensi Pelayanan Kesehatan Sul-Sel.	1/500,000	Kanwil Kesehatan SulSel.
904.	Peta Wilayah Pembangunan Sul-Sel.	1/500,000	Direktorat Agraria SulSel.
905.	Peta Administrasi Sul-Sel.	1/500,000	BAPPEDA Sul-Sel.
921.	Peta Keadaan Jalanan Sul-Sel.	1/500,000	Dinas P.U. Sul-Sel.
922.	Peta Keadaan Jalanan Kab. Enrekang	1/125,000	Direktorat Agraria Sul-Sel.
923.	Peta Rencana Jalanan Ekonomi	1/50,000	ATA-140 Sul-Sel.
924.	Peta Keadaan Jalanan Kab. Enrekang	1/50,000	Direktorat Agraria Sul-Sel.
941.	Peta Kab. Sidrap	1/125,000	Kantor Agraria Sidrap
942.	Peta Kab. Bantaeng	1/50,000	Kantor Bupati Kab. Bantaeng
943.	Peta Kotamadya Pare-Pare	1/12,500	Dinas Pertanian Pare-Pare
944.	Peta Kab. Takalar	1/50,000	Kantor Bupati Kab. Takalar
945.	Peta Administrasi Kab. Bantaeng	1/250,000	Lembaga Penelitian Tanah Bogor
946.	Peta Kab. Jeneponto	1/100,000	Direktorat Agraria Sul-Sel.
947.	Peta Kab. Jeneponto	1/50,000	Kantor Bupati Kab. Jeneponto
948.	Peta Kab. Jeneponto	1/50,000	Direktorat Agraria Sul-Sel.
949.	Peta Administrasi Kab. Jeneponto	1/50,000	Direktorat Agraria Sul-Sel.
950.	Peta Administrasi Kab. Jeneponto	1/1,000,000	Lembaga Penelitian Tanah Bogor
951.	Peta Administrasi Kab. Jeneponto	1/100,000	Direktorat Agraria Sul-Sel.
952.	Peta Batas Kab. Jeneponto	1/50,000	Direktorat Agraria Sul-Sel.
953.	Peta Status Pemilikan Tanah Kab. Enrekang	1/50,000	Direktorat Agraria SulSel.
954.	Peta Keadaan Alam Kab. Enrekang	1/50,000	Direktorat Agraria Sul-Sel.
955.	Peta Lokasi Pasar di Kab. Enrekang	1/50,000	Kantor Bupati Kab. Enrekang
956.	Peta Administrasi Kab. Enrekang	1/50,000	Direktorat Agraria Sul-Sel.
957.	Peta Administrasi Kab. Enrekang	1/1,000,000	Lembaga Penelitian Tanah Bogor
958.	Peta Batas-batas Kecamatan di Kab. Enrekang	1/100,000	ATA-140 Sul-Sel.

5.1. INDEX MAP FOR TOPOGRAPHY MAP (Scale: 1/50.000)

Reppang

Watang Soppeng

Watampone

Sidjai

Pare-Pare

Barru

Pangkajene

Maros

Bontain

Sungguminasa

Takalar

Ujung Pandang

Bulukumba

XXX
XXXI
XXXII
XXXIII
XXXIV
XXXV
XXXVI
XXXVII
XXXVIII

B&A 152 · B 153
C 154 · D 155 · C 156 · D 157 · C 158
C 159 · A 160 · C 161 · D 162 · A 163 · B 164
C 165 · D 166 · C 167 · D 168 · C 169 · D 170
B 171 · B 172 · A 173 · A 174 · A 175 · B 176
C 177 · D 178 · D 179 · D 180 · C 181 · B 182
B&A 183 · 184 · 185 · 186
D 187 · D 188 · C 189
B 190 · A 191 · B 192 · A 193 · A 194 · A 195
C 196 · C 197 · C 198 · C 199 · D 200 · C 201 · D 202
A 203 · A 204 · A 205 · A 206 · A 208 · B 209
D 210 · D 211 · D 212 · C 213 · D 214 · C 215 · D 216
217 B A · D&C 218 · B&A 219 · D&C 220 · B&A 221

INDEK MAP

SOUTH and WEST
SULAWESI
HIND 629

SCALE 1 : 50.000

HELAI PETUNJUK
Dari
SELATAN dan BARAT
SULAWESI
HIND 629

SKALA 1 : 50.000

Sumber: Direktorat Geologi Bandung Map No. 151 (Topography).

5.2. INDEX MAP FOR TOPOGRAPHY MAP

(Scale: 1/100,000~)

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No. 142
(76-28)

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No. 2
(76-~

No. 1.40
(76-

No. 143
(75-28)

No. 144
(75-29)

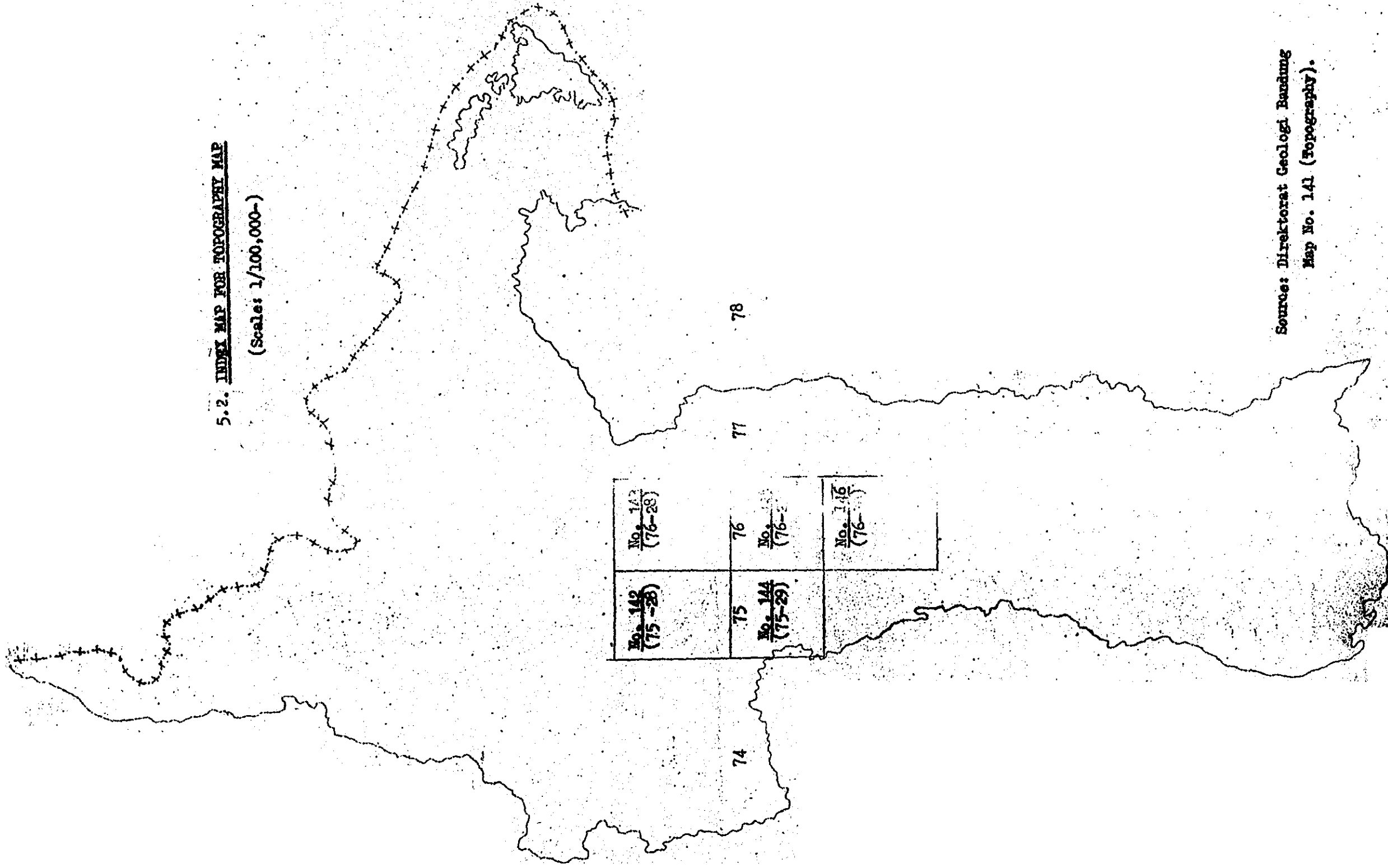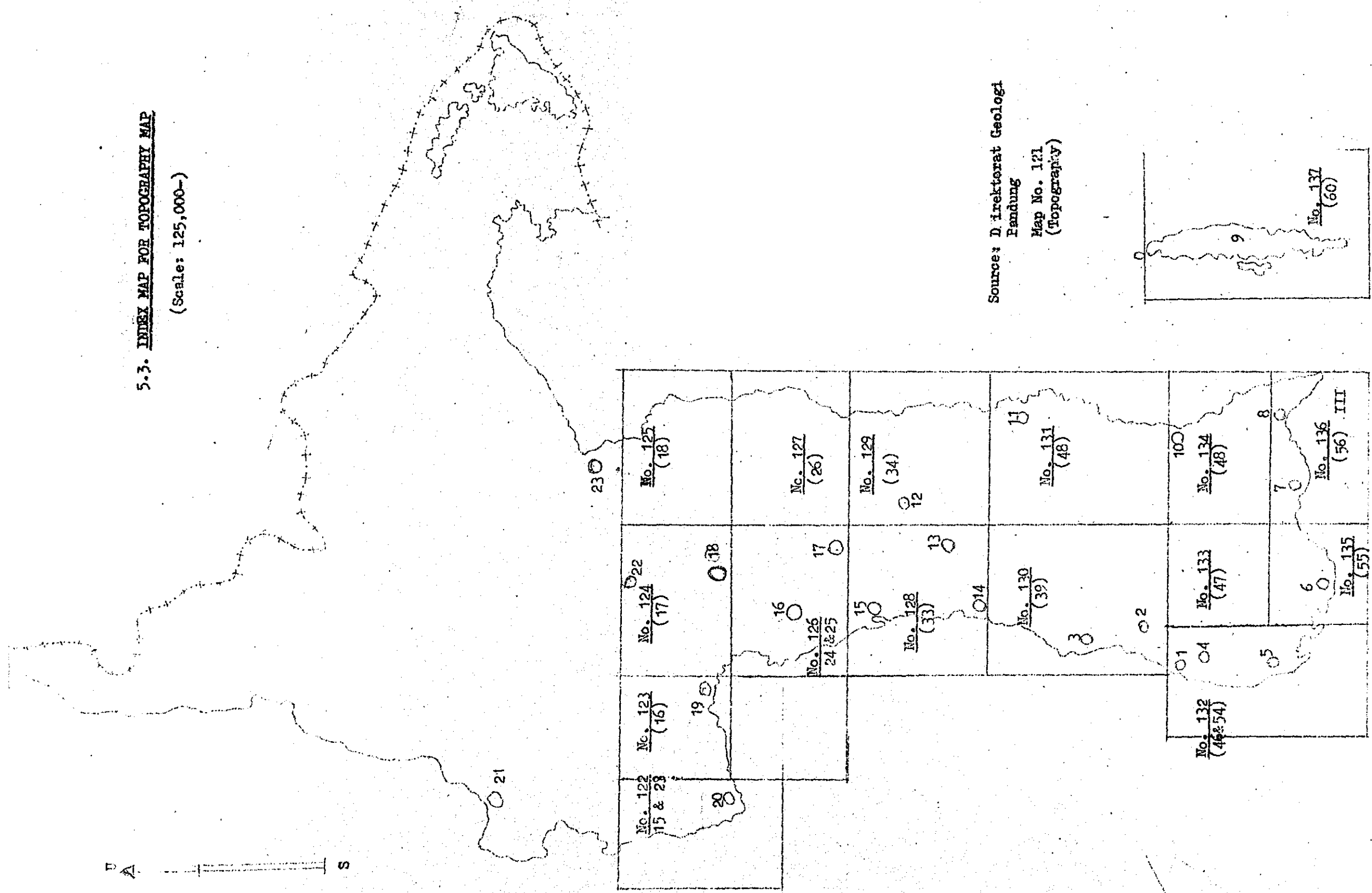Source: Direktorat Geologi Bandung
Map No. 141 (Topography).

5.3. INDEX MAP FOR TOPOGRAPHY MAP

(Scale: 125,000―)

Source: Direktorat Geologi
Bandung
Map No. 121
(Topography)

5.4. INDEX MAP FOR TOPOGRAPHY MAP

(Scale: 1/250,000.-)

Source: Direktorat Geologi
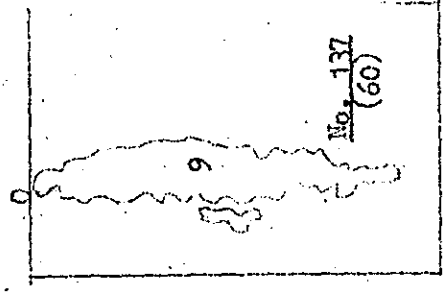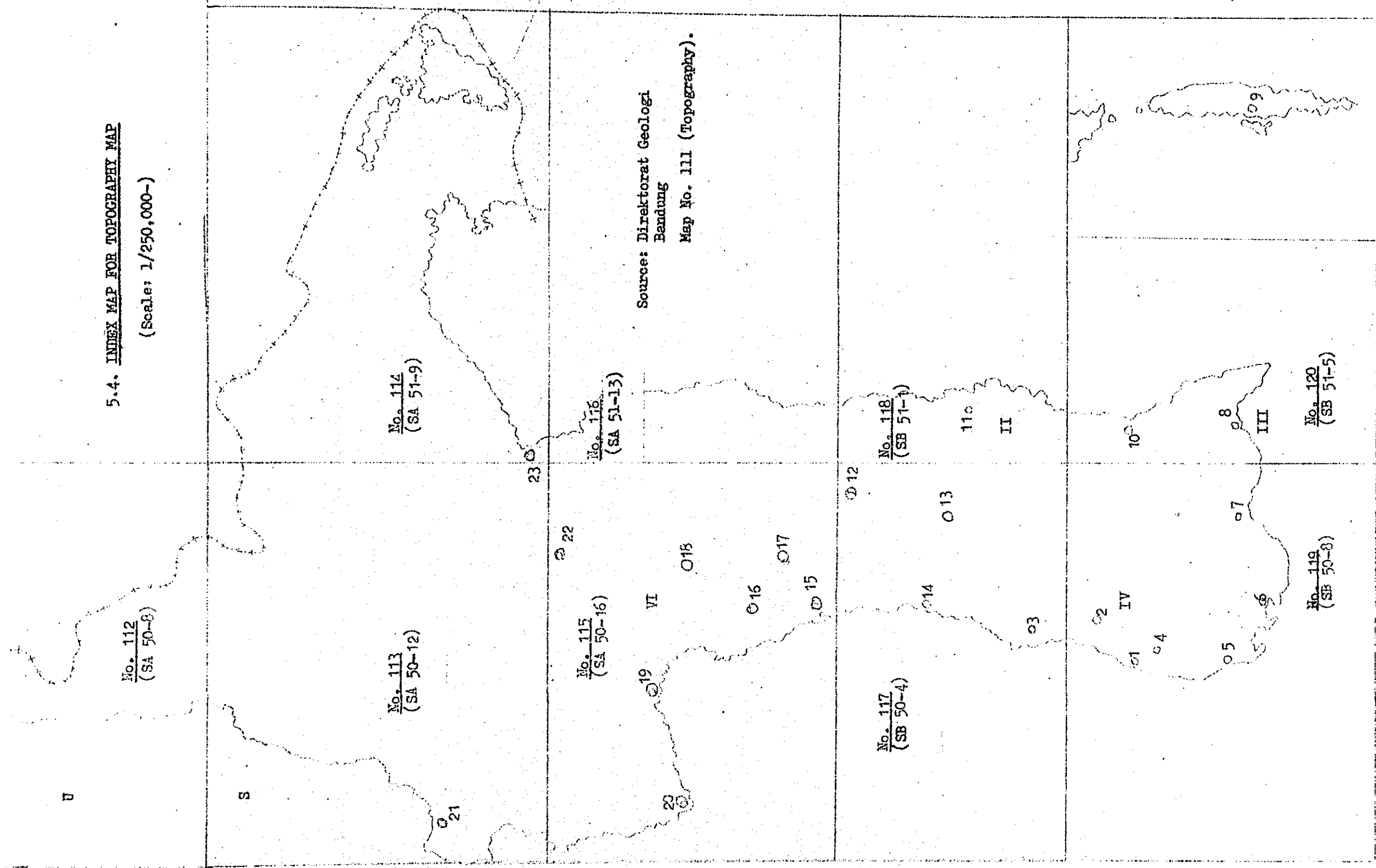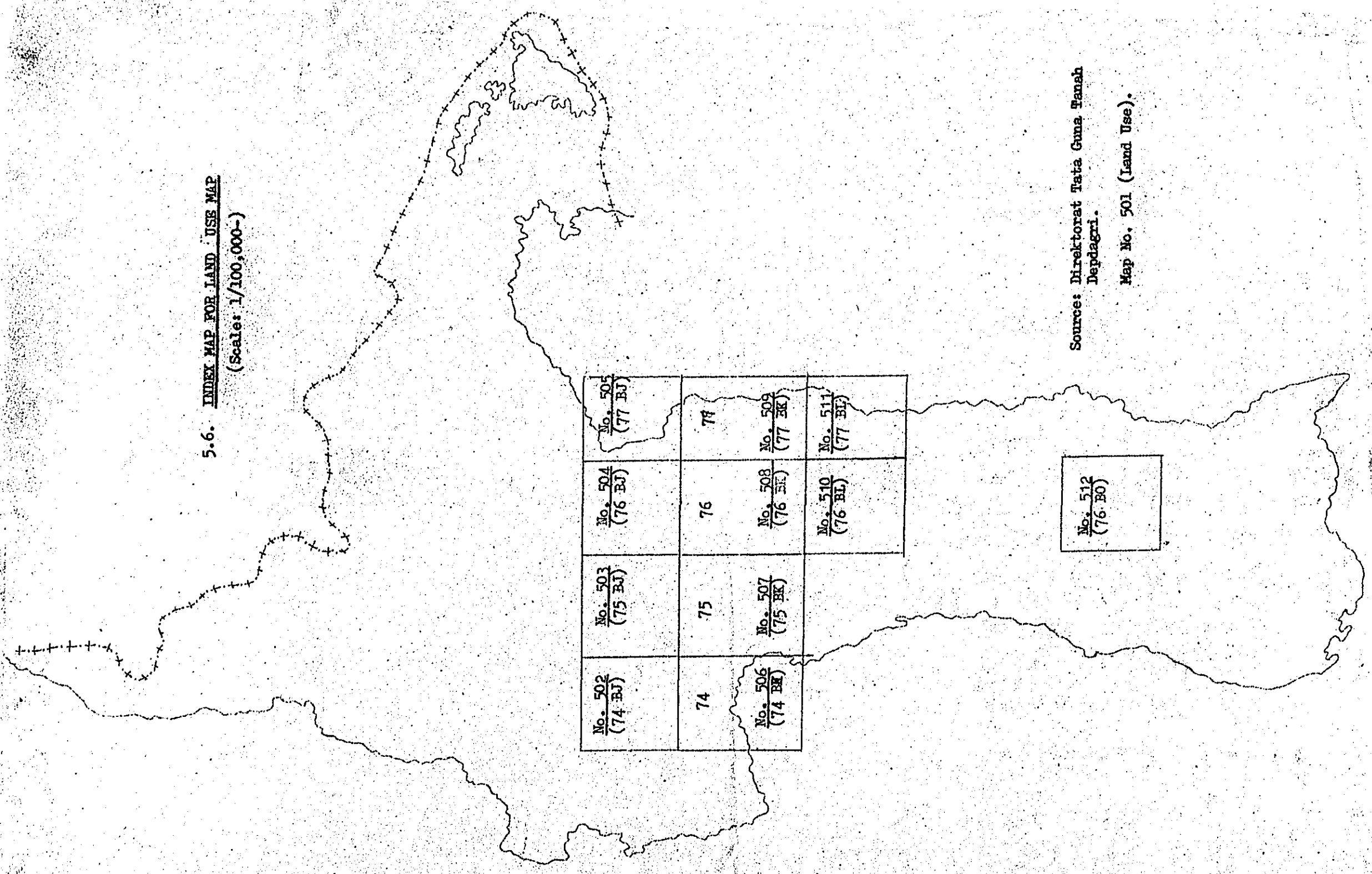Bandung
Map No. 111 (Topography).

No. 112
(SA 50-8)

No. 113
(SA 50-12)

No. 114
(SA 51-9)

No. 115
(SA 50-16)

No. 116
(SA 51-13)

No. 117
(SB 50-4)

No. 118
(SB 51-1)

No. 119
(SB 50-3)

No. 120
(SB 51-5)

INDEX MAP

SOUTH and WEST
SULAWESI
Hind 629

HELAI PETUNJUK
Dari
SELATAN dan BARAT
SULAWESI
Hind 629

Pare-Pare
Pangkajene
Maros
Ujung Pandang
Sungguminasa
Rapuang
Sengkang
Soppeng
Watang
Watampone
Sinjai
Bontain

XXX XXXI XXXII XXXIV XXXV XXXVI XXXVII XXXVIII

B & A
D & C
B & A
D & C
B & C

5.6. INDEX MAP FOR LAND USE MAP
(Scale: 1/100,000~)

No. 505 (77 BJ)		
No. 504 (76 BJ)	No. 508 (76 BK)	No. 510 (76 BK)
No. 503 (75 BJ)	No. 507 (75 BK)	
No. 502 (74 BJ)	No. 506 (74 BK)	

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No. 509
(77 BK)

No. 511
(77 BK)

No. 512
(76 BO)

Source: Direktorat Tata Guna Tanah
Depdagri.

Map No. 501 (Land Use).

VOLUME V

The Final Report on phase I,
The Project on RADP/ATA-140.

REPORTING

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