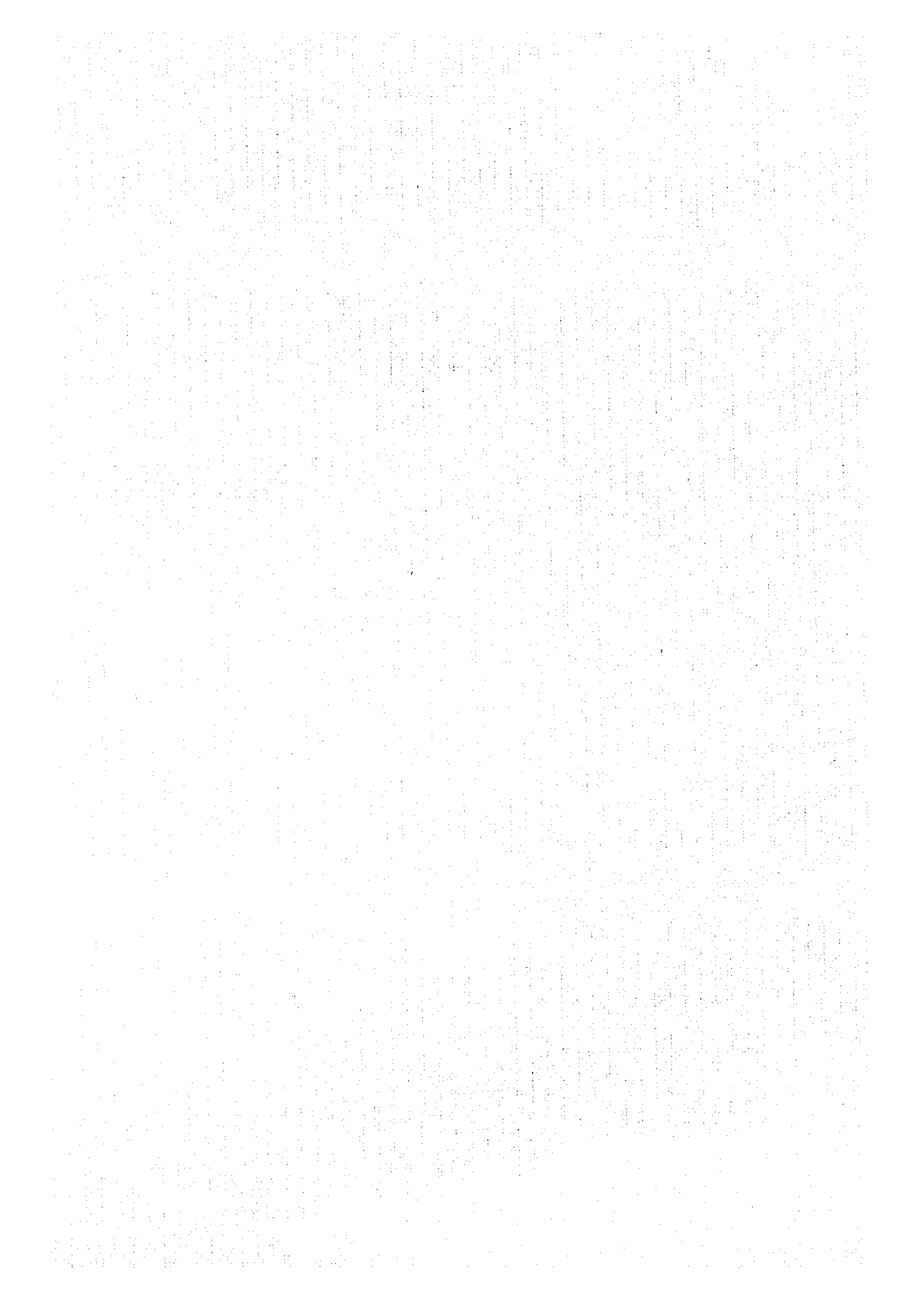
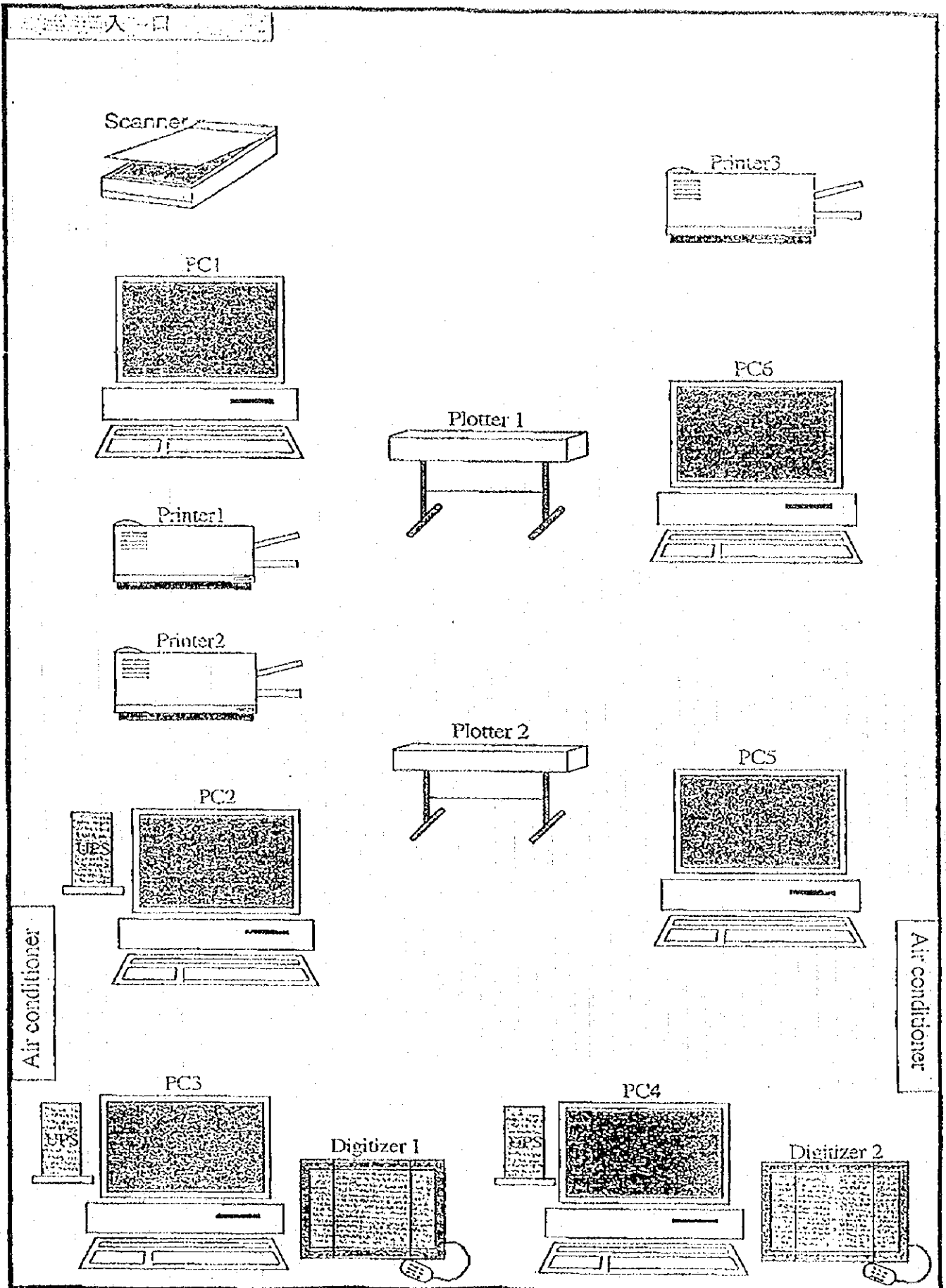


別添資料



自然保護総局GIS解析室の概略図



(資料2)

自然保護総局GIS解析装置の仕様

	Company	Model	Display size	CPU	RAM	HardDisk
Scanner	Hewlett-Packard	Scanlet2ex	20	---	---	---
PC 1 Display	LEO	20GLR	---	DX4, 100MHz	16	---
Computer	LEO	TowerGT210	---	---	---	420
PC 2 Display	ETC	CA1765LPG	15	---	---	---
Computer	LEO	TowerGT210	---	DX4, 100MHz	16	540
PC 3 Display	ACER	33SVGA	14	---	---	---
Computer	DG-SOFT	GT-210	---	DX2, 66MHz	---	220+250
PC4 Display	ACER	33SVGA	14	---	---	---
Computer	DG-SOFT	GT-210	---	DX2, 66MHz	8	220
PC5 Display	ETC	CA1765LPG	15	---	---	---
Computer	LEO	Tower486	---	DX4, 66MHz	16	220
PC6 Display	60LD STAR	1460 Plus	14	---	---	---
Computer	DG-SOFT	GT-210	---	DX2, 66MHz	8	220
Printer1	Hewlett-Packard	Printjet XL300	---	---	---	---
Printer2	Hewlett-Packard	Laserjet 4 Plus	---	---	---	---
Printer3	Hewlett-Packard	Printjet XL300	---	---	---	---
Digitizer1	Calcomp	9500	---	---	---	---
Digitizer2	GTCO	TF20	---	---	---	---
Plotter1	Hewlett-Packard	Designjet 650C	---	---	---	---
Plotter2	Hewlett-Packard	Draft Pro EXL	---	---	---	---

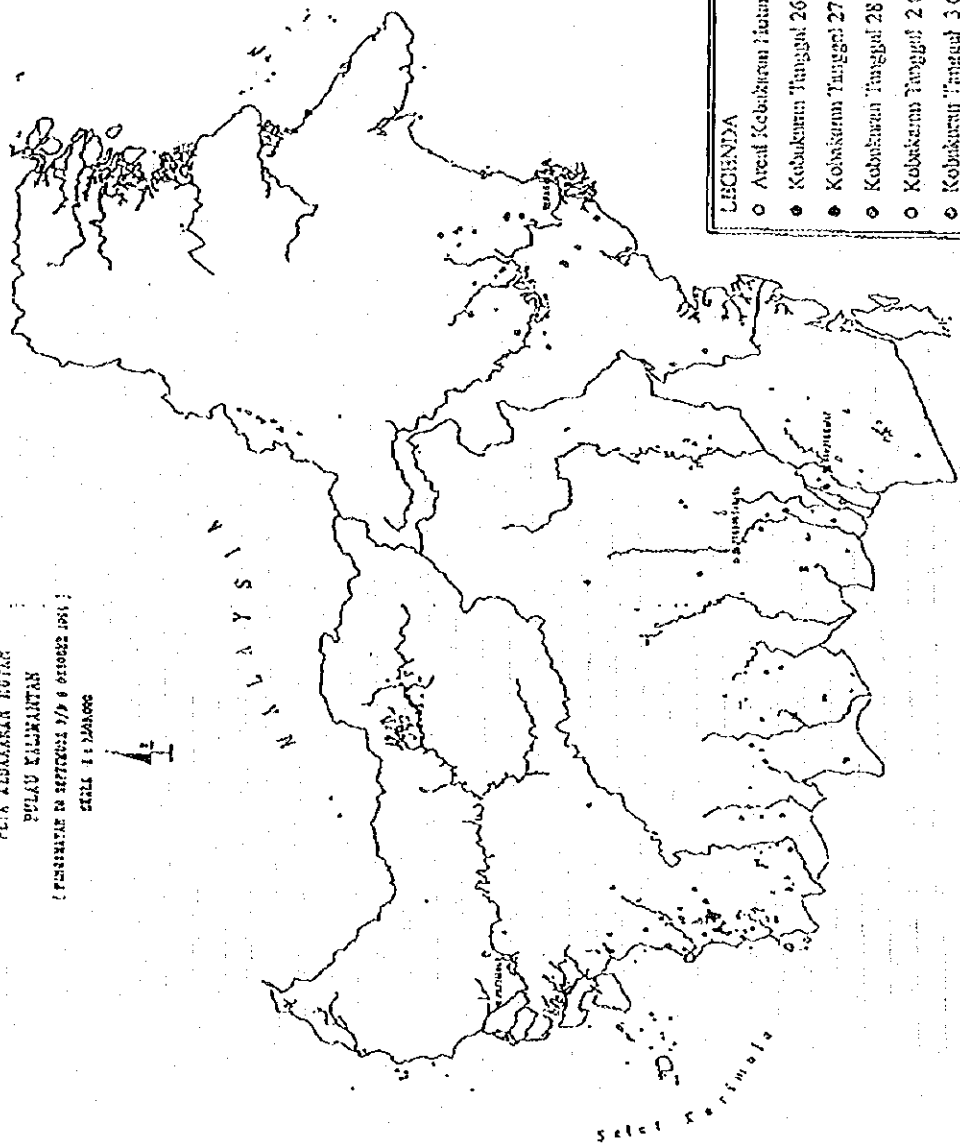
オペレータ作成の資料をもとに作表

PETA KEDAKARAN HUTAN

PULAU KALIMANTAN

(PERSIAPAN DAN REVISI 1/9 & 01/00/2002 JWS)

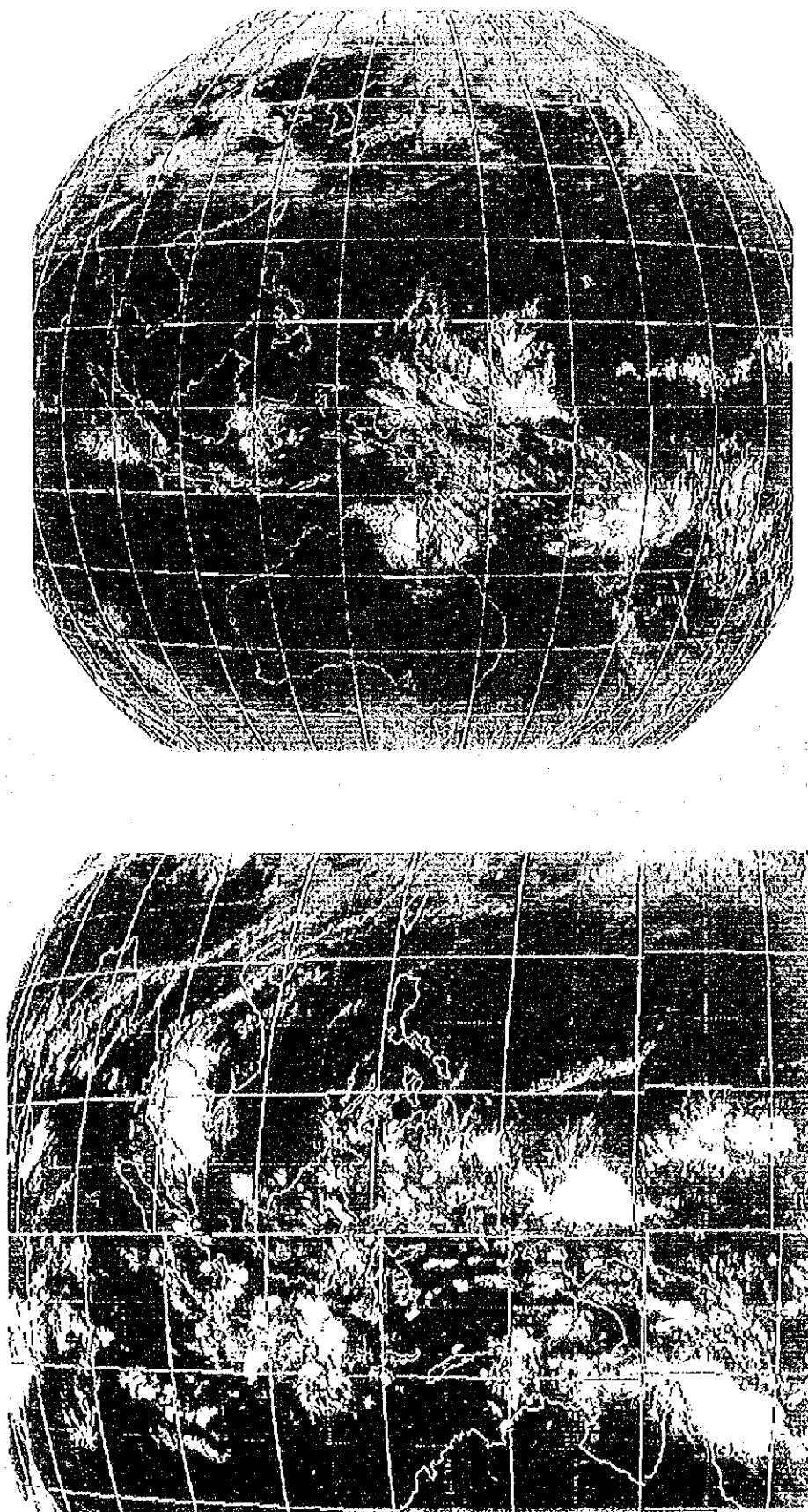
SKALA 1 : 1.000.000



LEGENDA

- Areal Kebakaran Hitam: Kecil, Sedang, Besar
- Kebakaran Tanggal 26 September 1994
- Kebakaran Tanggal 27 September 1994
- Kebakaran Tanggal 28 September 1994
- Kebakaran Tanggal 2 Oktober 1994
- Kebakaran Tanggal 3 Oktober 1994
- Kebakaran Tanggal 6 Oktober 1994
- Kebakaran Tanggal 8 Oktober 1994

NOAA AVHRRデータから作成したホットスポットの図
(ODAにより作成、原図はカラー表示)



気象衛星ひまわりの可視画像
(上段：半球画像、下段：インドネシア周辺画像)

APPENDIX I : DECREE OF THE REGENT HEAD OF DISTRICT LEVEL II OF
SINTANG
NUMBER : 161 OF 1995
DATE : JUNE 12TH, 1995
ON : EFFORTS IN PREVENTION AND EXTINCTION OF
FOREST FIRE OF DISTRICT LEVEL II OF
SINTANG.

ORGANIZATIONAL COMPOSITION OF EFFORTS IN PREVENTION AND
EXTINCTION OF FOREST FIRE OF DISTRICT LEVEL II OF SINTANG

NO.	POSITION IN THE AGENCY	POSITION IN THE ORGANIZATION
1	2	3
I.	<u>DISTRICT LEVEL II OF SINTANG</u>	PERFORMING COMMAND POST (POSKOLAK)
1.	THE REGENT HEAD OF DISTRICT LEVEL II OF SINTANG	CHAIRMAN/RESPONSIBLE PERSON
2.	CHIEF OF THE FORESTRY AND LAND CONSERVATION SERVICE / KKP OF SINTANG DISTRICT	CHAIRMAN OF EXECUTIVE PERFORMER
3.	TECHNICAL STAFF OF KHP OFFICE PKT SERVICE OF SINTANG DISTRICT	SECRETARY / MEMBER
	<u>A. PLANNING SECTION</u>	
1.	CHIEF OF ECONOMIC SECTION OF SETWILDA OF LEVEL II SINTANG	CHIEF OF PLANNING SECTION
2.	CHIEF OF BANGDES OFFICE OF SINTANG DISTRICT	M E M B E R
3.	CHIEF OF SOCIAL POLITICS DEVELOPMENT OFFICE OF SINTANG DISTRICT.	M E M B E R
4.	CHIEF OF OFFICE OF DEPT. OF MANPOWER OF SINTANG DISTRICT	M E M B E R
5.	CHIEF OF OFFICE OF DEPT. OF INDUSTRY OF SINTANG DISTRICT	M E M B E R
6.	CHIEF OF SUB. BIPHUT OF SINTANG DISTRICT	M E M B E R
7.	CHIEF OF PEMDES SECTION OF SETWILDA OF LEVEL II SINTANG	M E M B E R

1

2

3

B. SUPPLY SECTION

- | | |
|--|-------------------------|
| 1. CHIEF OF OFFICE OF SOCIAL DEPT. OF SINTANG DISTRICT | CHIEF OF SUPPLY SECTION |
| 2. CHIEF OF AGRARIAN OFFICE OF SINTANG DISTRICT | M E M B E R |
| 3. CHIEF OF OFFICE OF DEPT. OF TRANSMIGRATION | M E M B E R |
| 4. CHIEF OF SOCIAL SECTION OF SETWILDA OF LEVEL II SINTANG | M E M B E R |

C. EQUIPMENT SECTION

- | | |
|--|----------------------------|
| 1. CHIEF OF FIRE SERVICE OF SINTANG DISTRICT | CHIEF OF EQUIPMENT SECTION |
| 2. CHIEF OF PUD SERVICE OF LEVEL II SINTANG | M E M B E R |
| 3. CHIEF OF CLEANING SERVICE OF LEVEL II SINTANG | M E M B E R |
| 4. CHIEF OF LLAJ SERVICE OF LEVEL II SINTANG | M E M B E R |
| 5. CHIEF OF PDAM SERVICE OF LEVEL II SINTANG | M E M B E R |
| 6. CHIEF OF PU SECTION OF SINTANG BRANCH | M E M B E R |
| 7. CHIEF OF FOOD CROP AGRICULTURAL SERVICE OF SINTANG BRANCH | M E M B E R |

D. SAVING SECTION

- | | |
|--|-------------------------|
| 1. CHIEF OF BINMAS UNIT OF POLICE RESORT OF SINTANG DISTRICT | CHIEF OF SAVING SECTION |
| 2. CHIEF OF HEALTH SERVICE OF LEVEL II SINTANG | M E M B E R |
| 3. CHIEF OF PLANTATION SERVICE BRANCH OF SINTANG DISTRICT | M E M B E R |
| 4. THE INDONESIAN RED CROSS, OKP AND BOY SCOUTS. | M E M B E R |

1	2	3
---	---	---

E. OPERATIONAL SECTION

1. OPERATION PASI OF KODIM 1205 OF SINTANG	CHIEF OF OPERATIONAL SECTION
2. CHIEF OF MAWIL HANSIP OF SINTANG DISTRICT	M E M B E R
3. CHIEF OF OFFICE OF DEPT. OF INFORMATION OF SINTANG DISTRICT	M E M B E R
4. CHIEF OF SOESILO AIRPORT OF SINTANG DISTRICT	M E M B E R
5. CHIEF OF KSDA SUB SECTION OF SINTANG REGENCY	M E M B E R
6. ORARI / RAPI	M E M B E R

II. SUBDISTRICT LEVEL

PERFORMING UNIT (SATLAK)

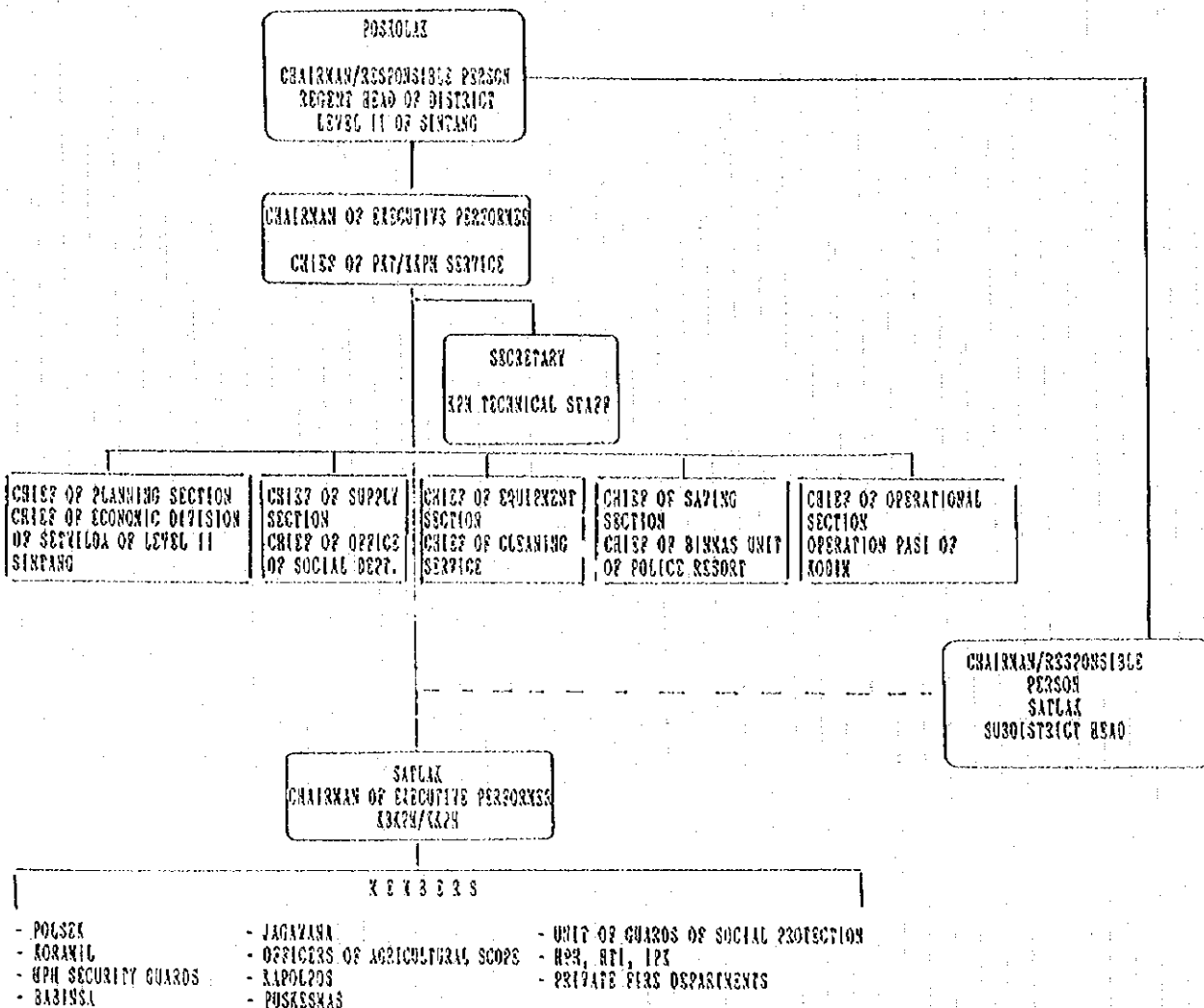
1. SUBDISTRICT HEAD	CHAIRMAN/RESPONSIBLE PERSON
2. KBKPH / KRPH	EXECUTIVE DIRECTOR
3. POLSEK	M E M B E R
4. KORAMIL	M E M B E R
5. HPH SECURITY GUARDS	M E M B E R
6. BABINSA	M E M B E R
7. JAGAWANA	M E M B E R
8. OFFICERS OF AGRICULTURAL SCOPE	M E M B E R
9. KAPOLPOS	M E M B E R
10. PUSKESMAS (LOCAL GVT. CLINIC)	M E M B E R
11. UNIT OF GUARDS OF SOCIAL PROTECTION	M E M B E R
12. KPH, HTI AND IPK	M E M B E R
13. PRIVATE FIRE DEPARTMENTS	M E M B E R

THE REGENT HEAD OF DISTRICT LEVEL II OF SINTANG

ABDILLAH KAMARULLAH, SH.

APPENDIX II : DECREE OF THE REGENT HEAD OF DISTRICT LEVEL II OF SINTANG
 NUMBER: 161 OF 1995
 DATE : JUNE 12TH, 1995
 O N : EFFORTS IN PREVENTION AND EXTINCTION OF FOREST FIRE
 OF DISTRICT LEVEL II OF SINTANG.

ORGANIZATIONAL STRUCTURE OF THE PERFORMING COMMAND POST (POSKOLAK)
 FOR EFFORTS IN PREVENTION AND EXTINCTION OF FOREST FIRE
 DISTRICT LEVEL II OF SINTANG

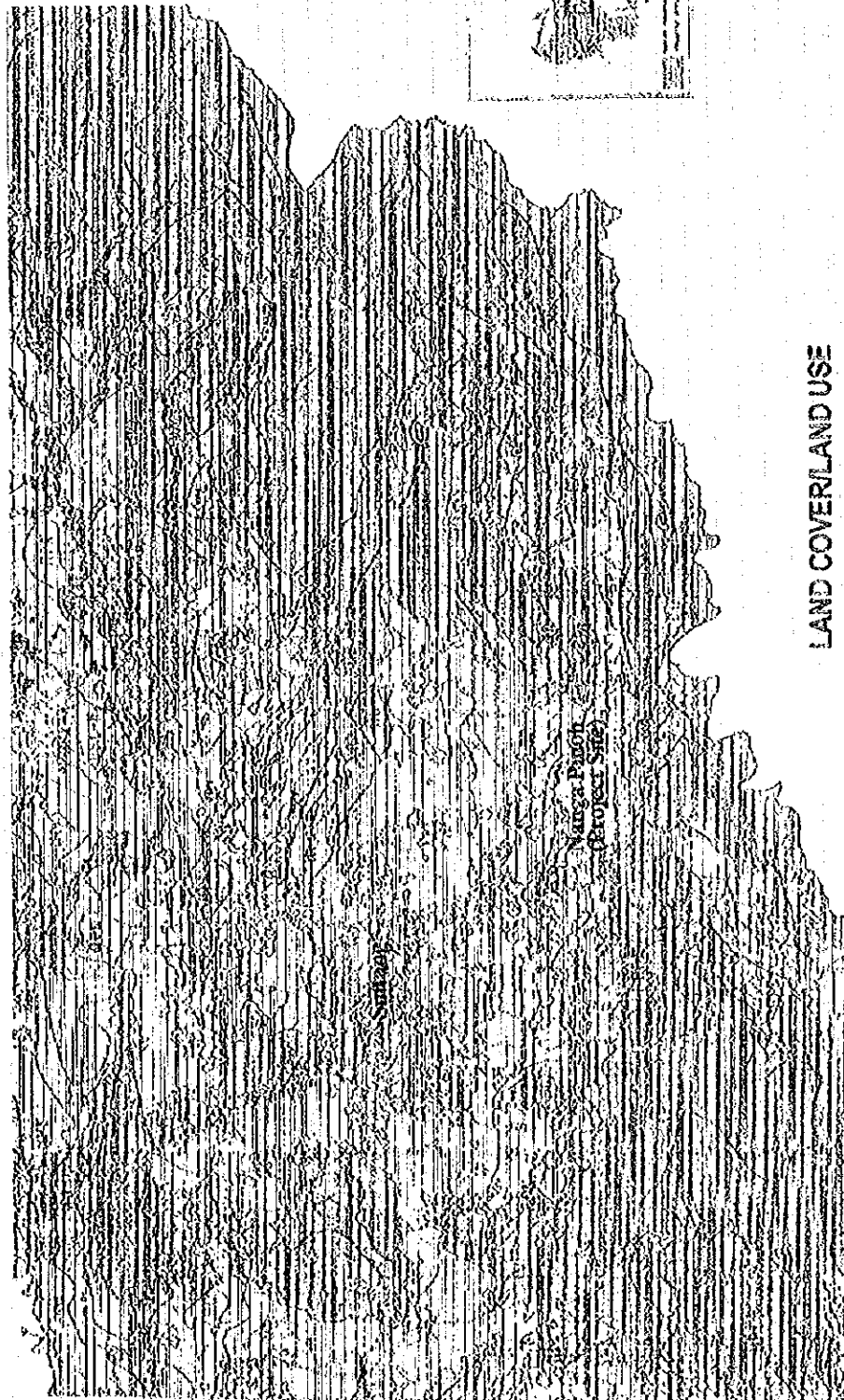


NOTES :
 : COMMAND LINE
 : COORDINATING LINE

THE REGENT HEAD OF DISTRICT LEVEL II OF SINTANG

ABDILLAH KARARULLAH, S.H

GIS MAP IN SINTANG AREA OF WEST KALIMANTAN



FOREST LAND USE PLANNING

HL	Protection Forest
NSA-W	Conservation and Recreation Forest
HP	Production Forest
HPT	Limited Production Forest

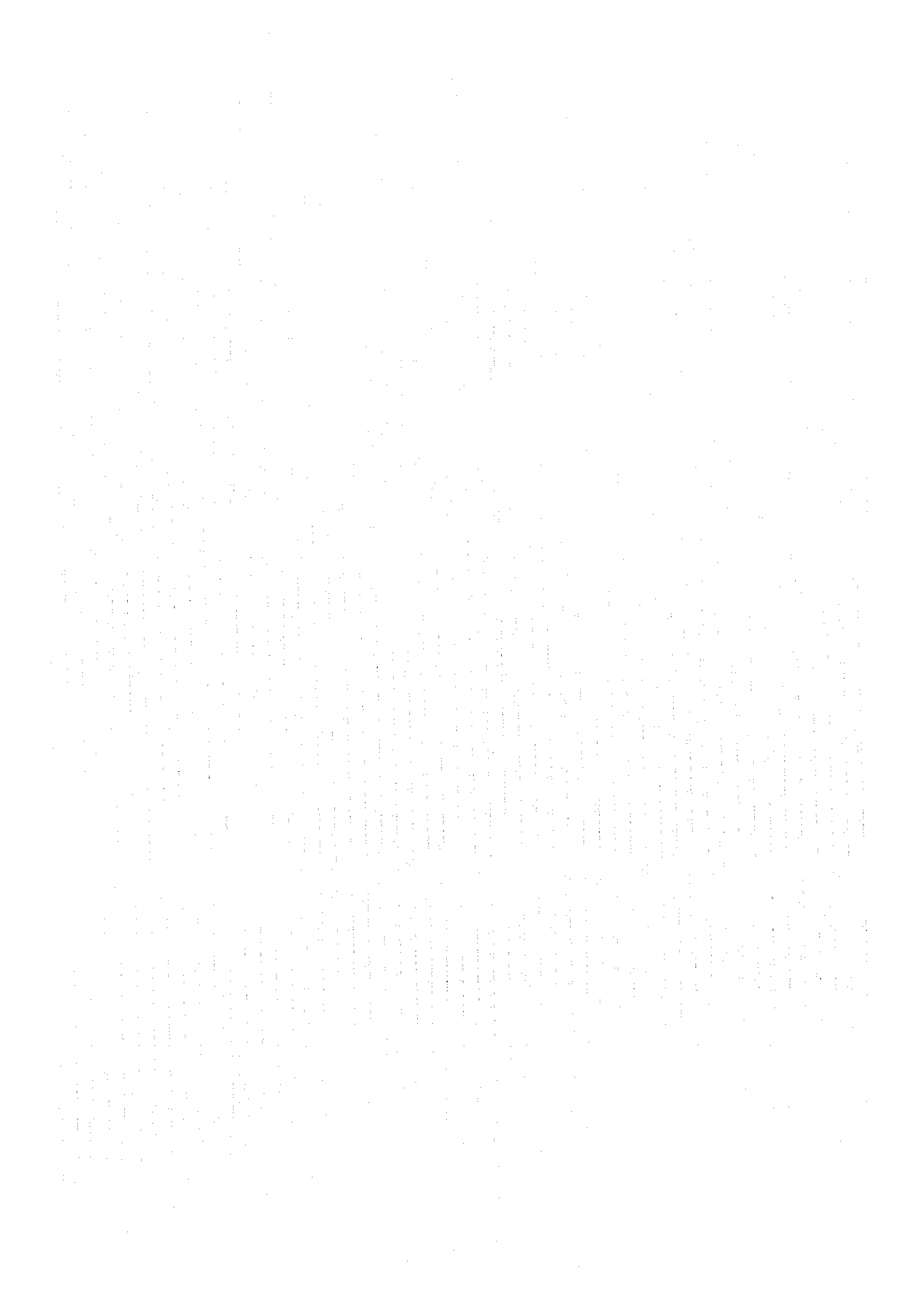
HPK	Conservation Forest I
HNB	Conservation Forest II
APL	Other Land Use
ND	No Data

LAND COVER/LAND USE

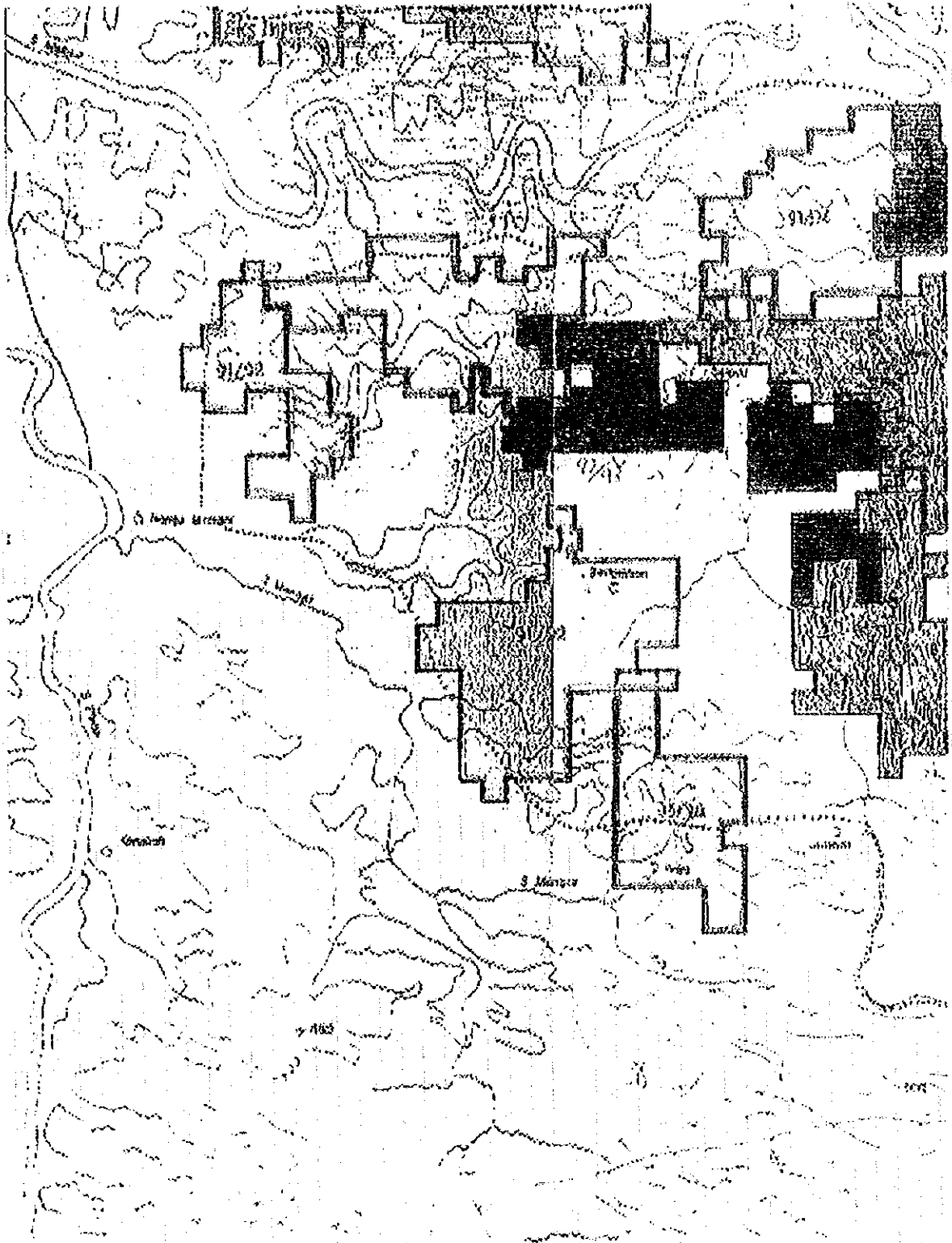
[Pattern]	Forested Area	[Pattern]	Agriculture
[Pattern]	Mangrove Forest	[Pattern]	Estate
[Pattern]	Swamp Forest	[Pattern]	Other Land Cover
[Pattern]	Man-made Forest	[Pattern]	Settlement
[Pattern]	Unproductive Dryland	[Pattern]	No Data
[Pattern]	Unproductive Wetland		

(資料 6)

A section of the forest vegetation and land use map of West Kalimantan produced by Drijen. INTAG



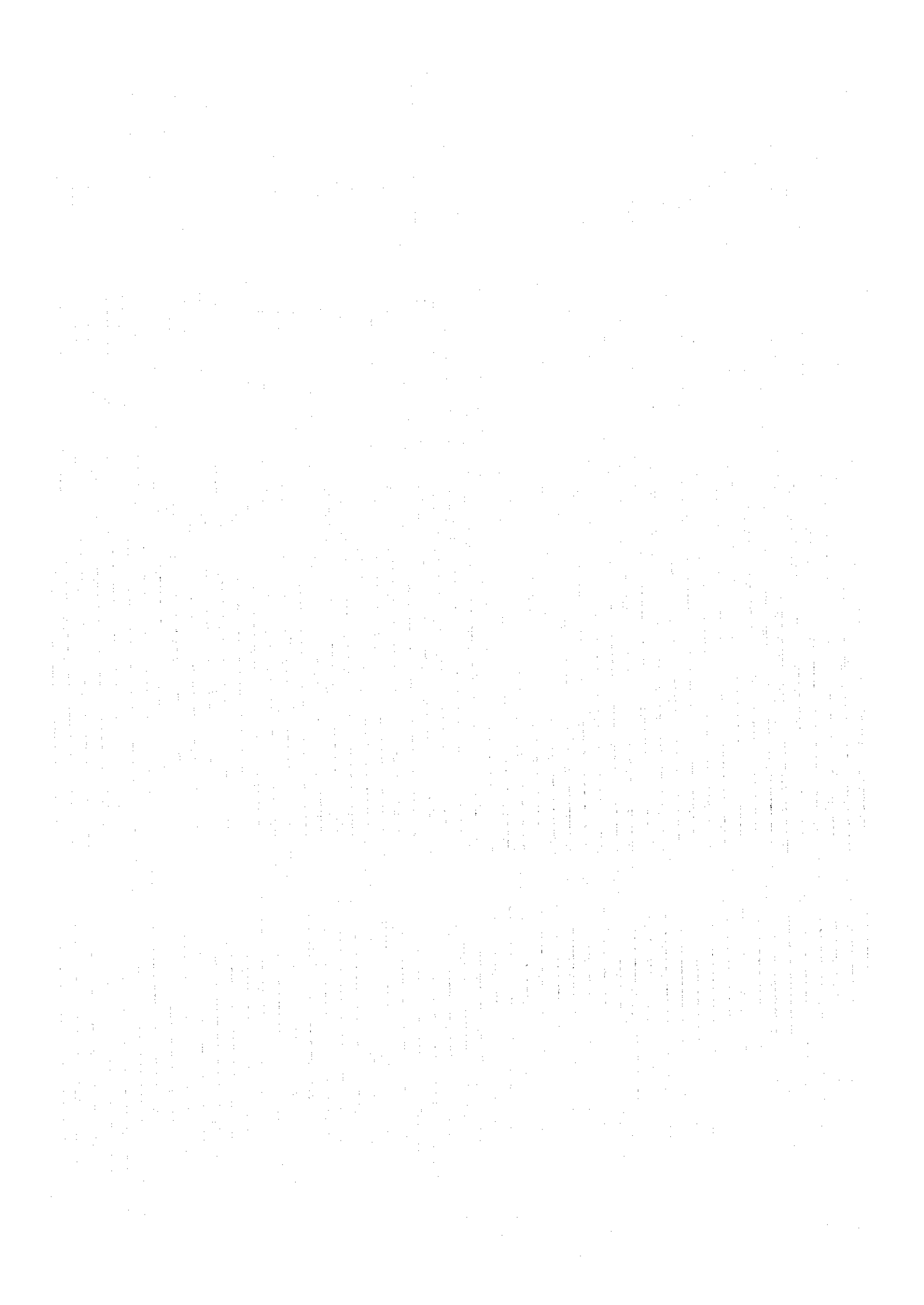
HTI AREA



Area of HTI by species

NO.	R K T	RENCANA (Ha)	REALISASI (Ha)	JENIS TANAMAN	LUAS (Ha)	PROSENTASE (%)	KETERANGAN
I.	1991 / 1992	4.000	4.947,66	Pinus merkusii Acacia Mangium Paraserianthes falcataria Karet Sungkai	4.019,39 891,97 12,00 12,00 12,00	81,24 18,03 0,25 0,24 0,24	
II.	1992 / 1993	2.500	2.500	Pinus merkusii	2.500	100	
III.	1993 / 1994	2.000	2.007,76	Pinus merkusii Acacia Mangium	1.613,09 394,67	80,34 19,66	
IV.	1994 / 1995	3.000	3.128,23	Pinus merkusii Acacia Mangium Paraserianthes falcataria Karet Sungkai Mahoni	2.365,42 495,09 138,99 116,28 7,38 5,07	75,62 15,83 4,44 3,72 0,24 0,15	

Pinus Eks Inpres yang ada di Administratur Nanga Pinoh Selatan seluas 5.529,30 Ha



GIS MAP IN THE EASTERN PART OF JAMBI PROVINCE

FOREST LAND USE PLANNING

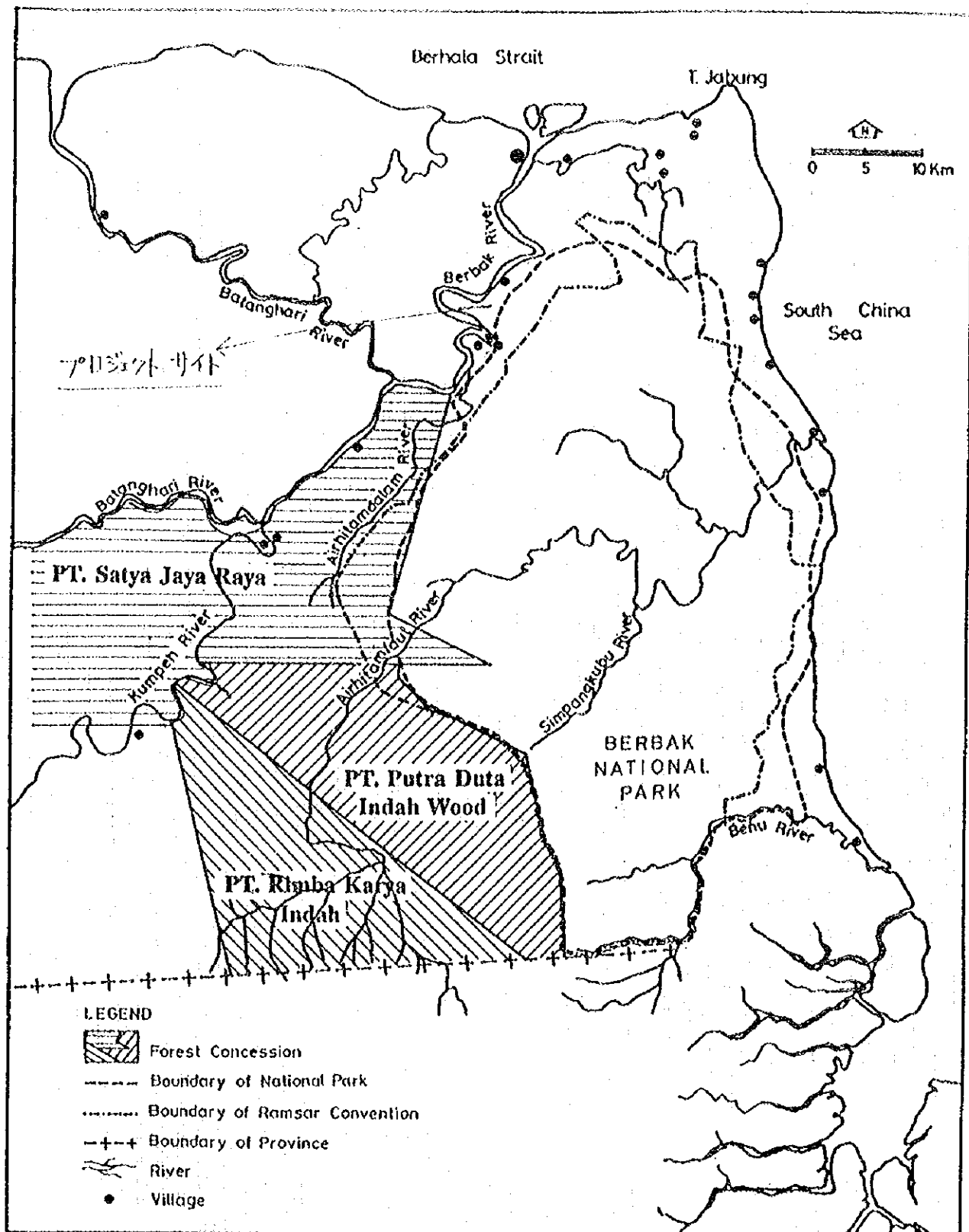
HL	Protection Forest	HPK	Conservation Forest I
HSA-W	Conservation and Recreation Forest	HNB	Conservation Forest II
HP	Production Forest	APL	Other Land Use
HPT	Limited Production Forest	ND	No Data

LAND COVER/LAND USE

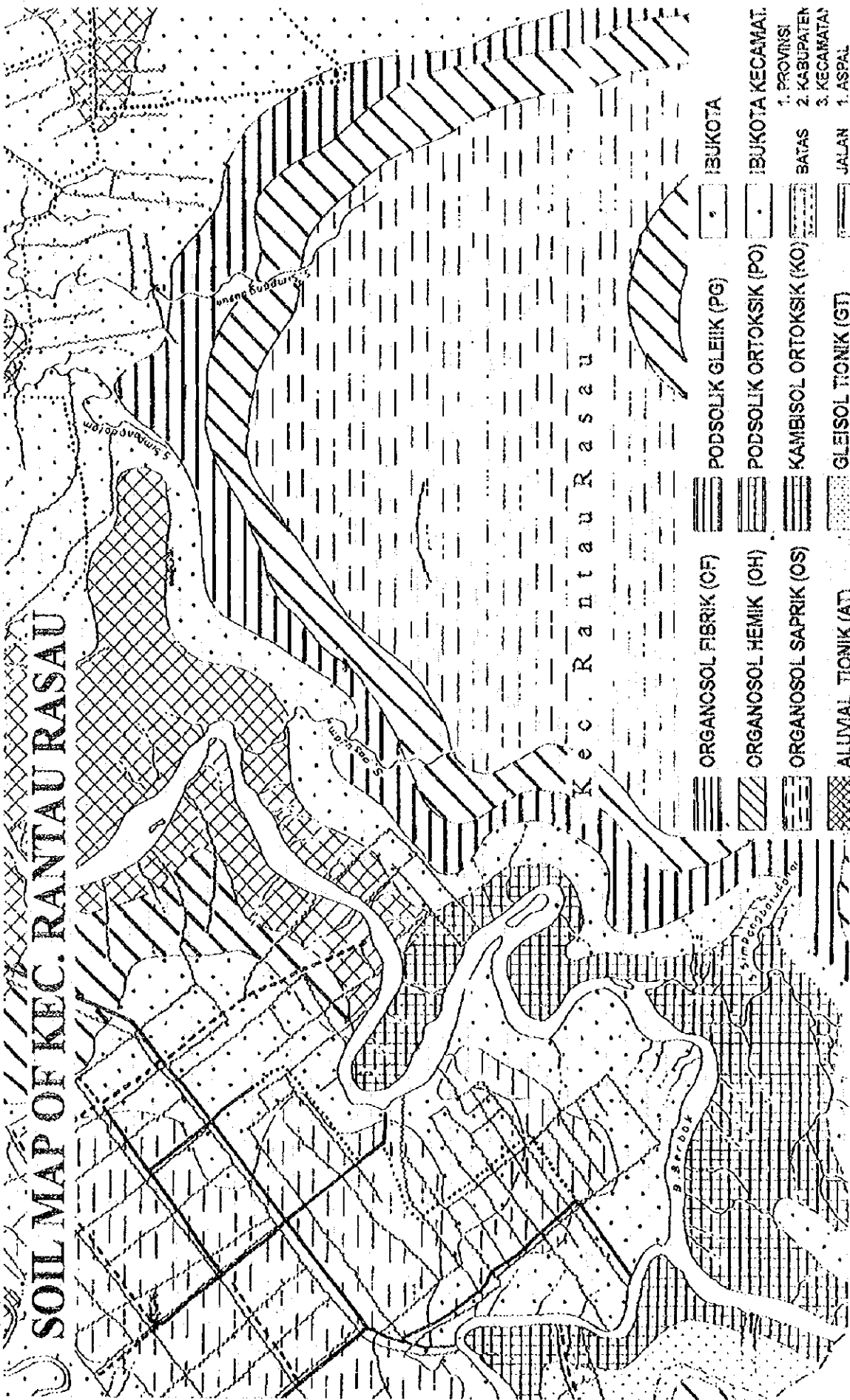
[Pattern]	Forested Area	[Pattern]	Agriculture
[Pattern]	Mangrove Forest	[Pattern]	Estate
[Pattern]	Swamp Forest	[Pattern]	Other Land Cover
[Pattern]	Manmade Forest	[Pattern]	Settlement
[Pattern]	Unproductive Dryland	[Pattern]	No Data
[Pattern]	Unproductive Wetland		



A section of the forest vegetation and land use map of Jambi produced by Ditjen. INTAG



Location of forest concessions in relation to the Berbak National Park.

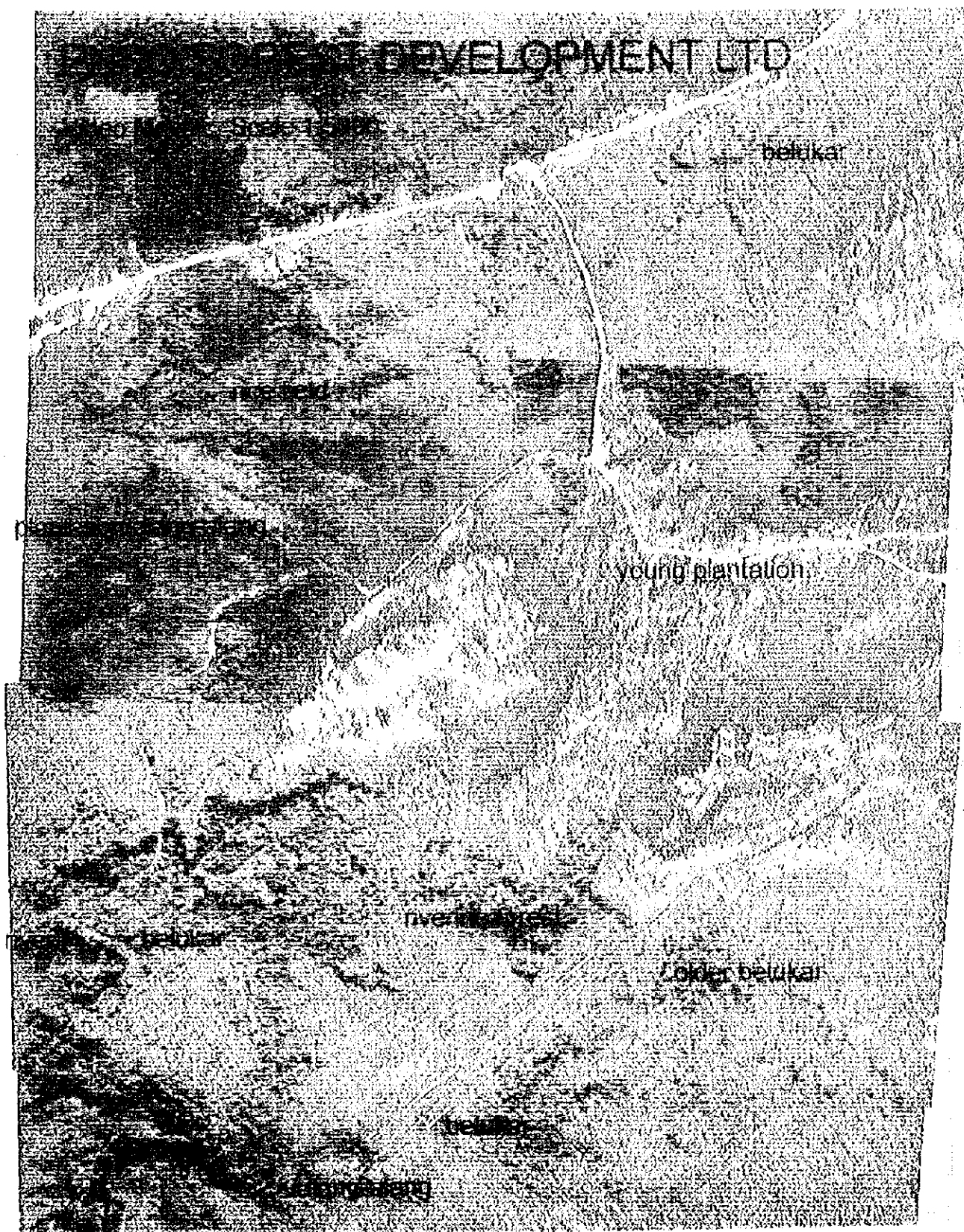


SOIL MAP OF KEC. RANTAU RASAU

Kec. Rantau Rasau

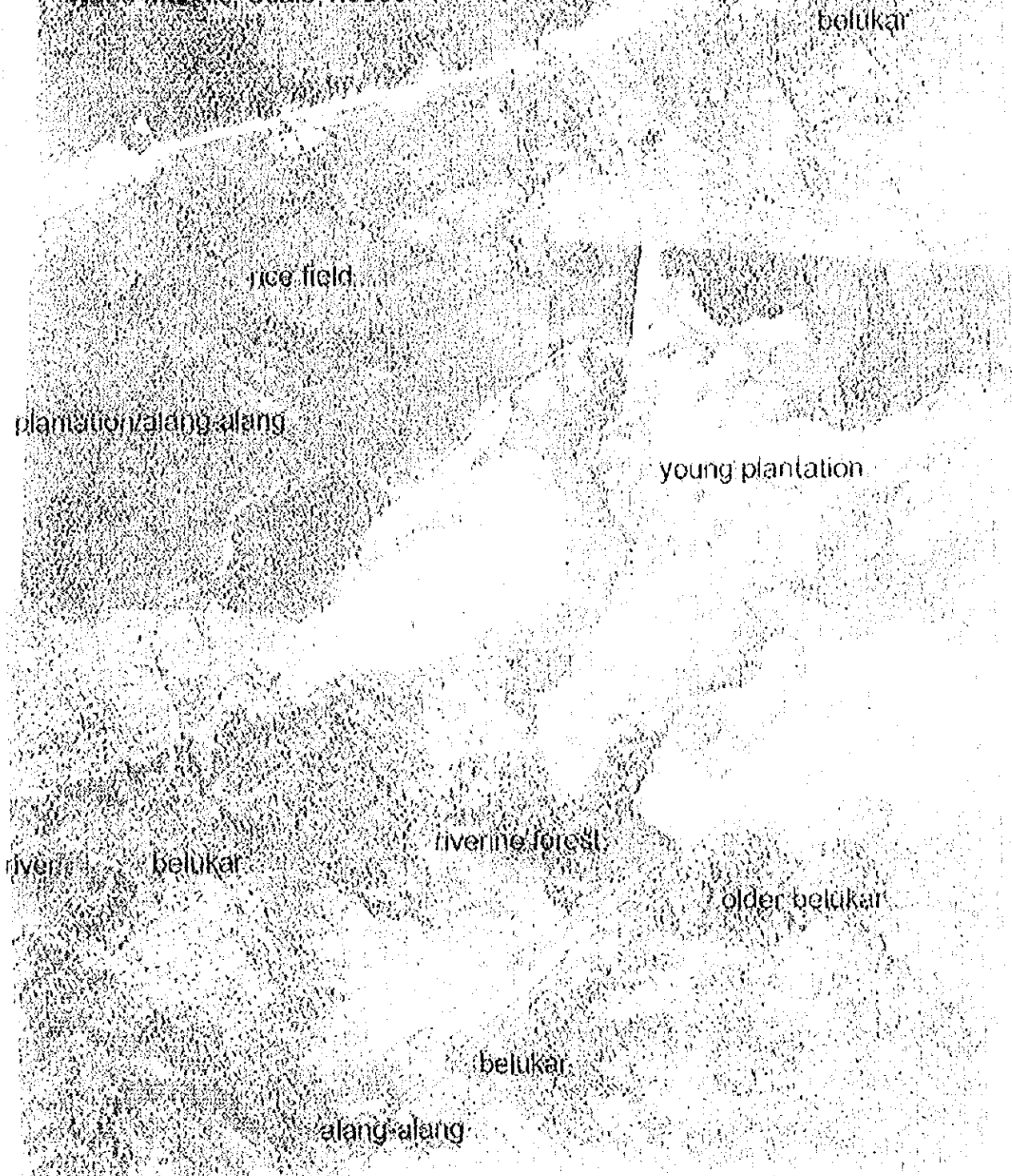
- ORGANOSOL FIBRIK (CF)
- ORGANOSOL HEMIK (OH)
- ORGANOSOL SAPRIK (OS)
- ALUVIAL TONIK (AT)
- ALUVIAL HUMIK (AH)
- ALUVIAL GLEIHK (AG)
- PODSOLIK GLEIHK (PG)
- PODSOLIK ORTOKSIK (PO)
- KAMBISOL ORTOKSIK (KO)
- GLEISOL TONIK (GT)
- GLEISOL HUMIK (GH)
- GLEISOL FLUVIATIL (GF)
- IBUKOTA
- IBUKOTA KECAMAT.
- BATAS
- JALAN
- SUNGAI
- PARIT
- 1. PROVINSI
- 2. KABUPATEN
- 3. KECAMATAN
- 1. ASPAL
- 2. TANAH

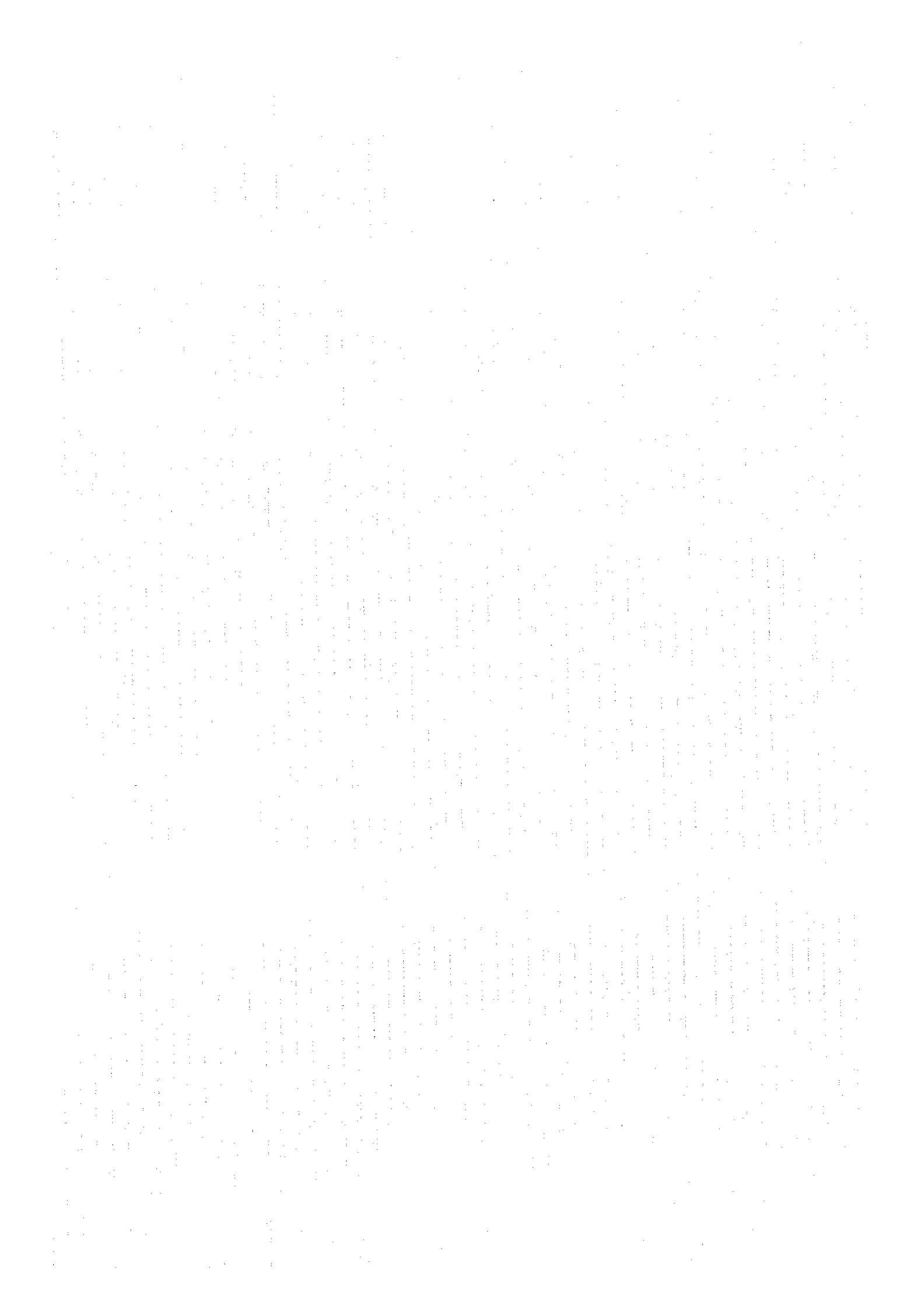
Sample of Aerial Video Imaging



ENSO FOREST DEVELOPMENT LTD

Video Map, Scale 1:5000





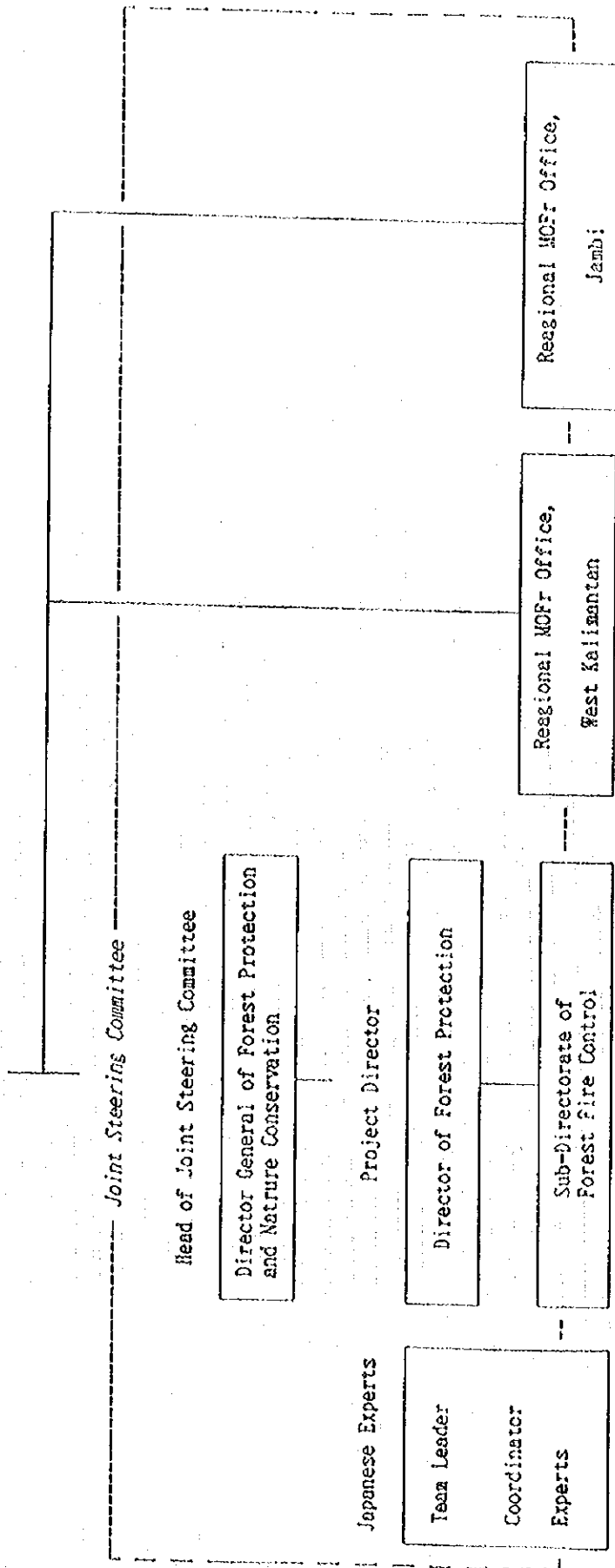
PUSDAL MEETING IN WEST KALIMANTAN



To explain the national policy and exchange opinions among PUSDAL members in provincial level, Directorate of Forest Protection (*Bogor*) and Regional Forestry Office (*Kamwil Kalimantan*) in West Kalimantan held a PUSDAL Meeting with JICA Team at Pontianak in November, 1995. There was good attendance at the meeting such as Provincial Offices (*Dinas*) of Forestry, Agriculture, Transmigration, Environment, Meteorology and Information. It would be essential to strengthen the function of the Meeting for fire prevention in each regional level.

Organizations of the Project (Draft)

Ministry of Forestry



(Jakarta / Bogor)

(West Kalimantan)

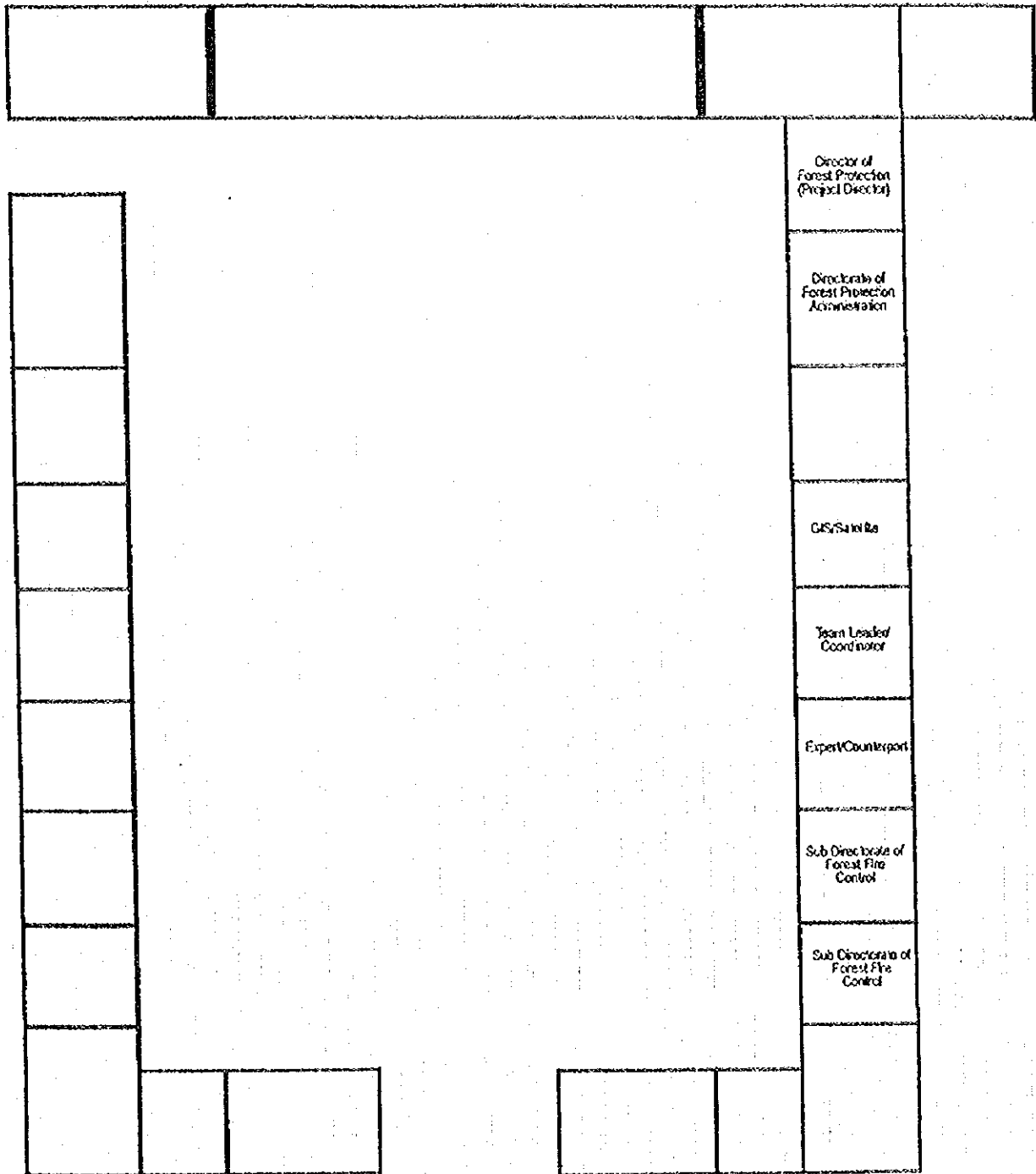
(Jambi)

合同委員会メンバー構成(案)

	職 名
議 長	林業省、自然保護総局長
メンバー	国家開発企画庁(BAPPENAS)、二国間協力局長 内閣官房(SEKKAB)、国際協力担当 林業省、大臣官房、計画局長 林業省、大臣官房、海外協力・投資局長 林業省、自然保護総局、森林保護局長 林業省、自然保護総局、計画局長 林業省、森林資源調査総局、調査・測定・図化局長 林業省、造林総局、計画局長 林業省、西カリマンタン州林政局長 林業省、ジャンビ州林政局長 JICAインドネシア事務所長 プロジェクト・リーダー プロジェクト調整員
オブザーバー	日本大使館担当書記官

Room Lay Out of the Project Office in Bogor (Draft)

(資料16)

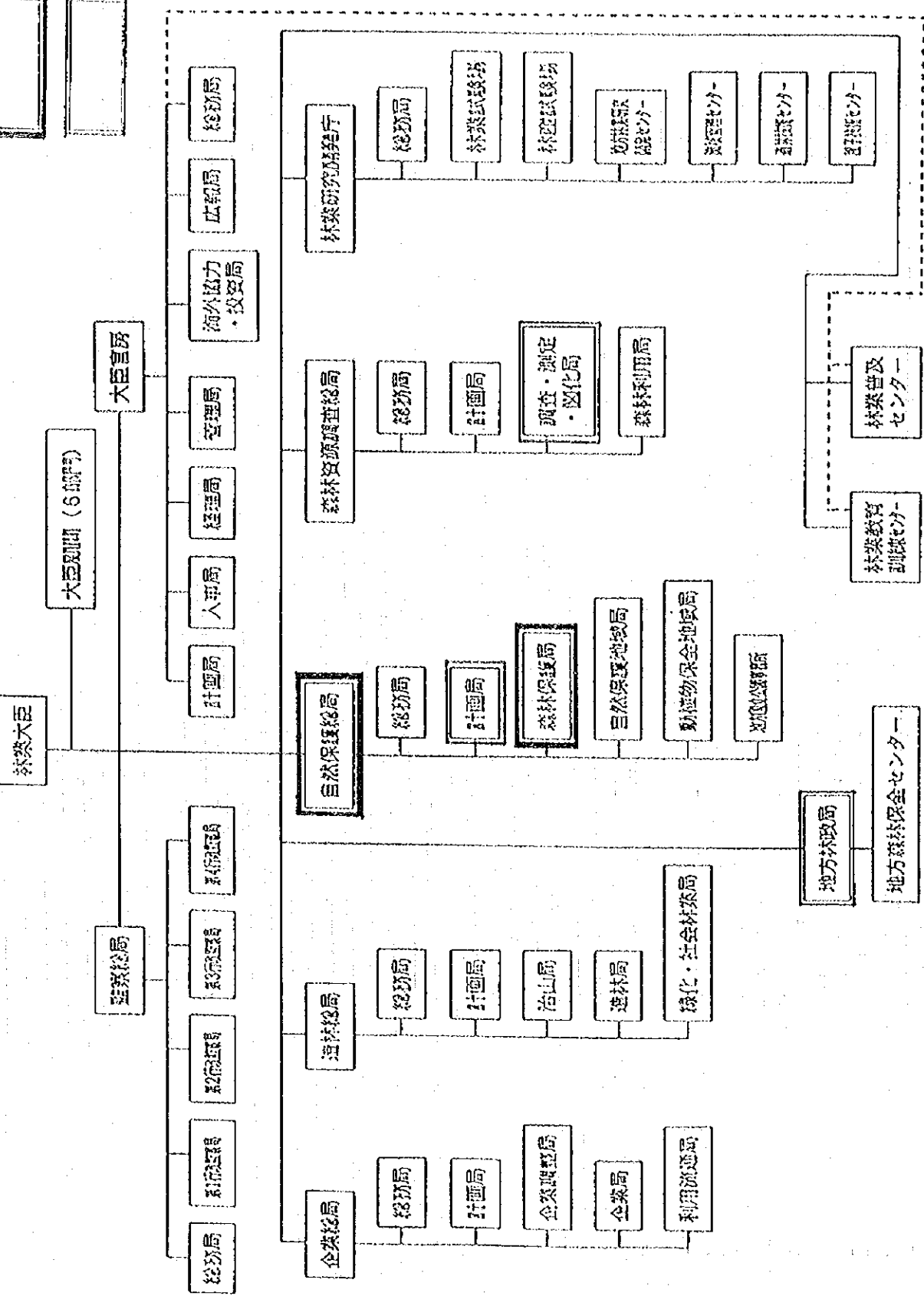


Jl. Ir H Juanda

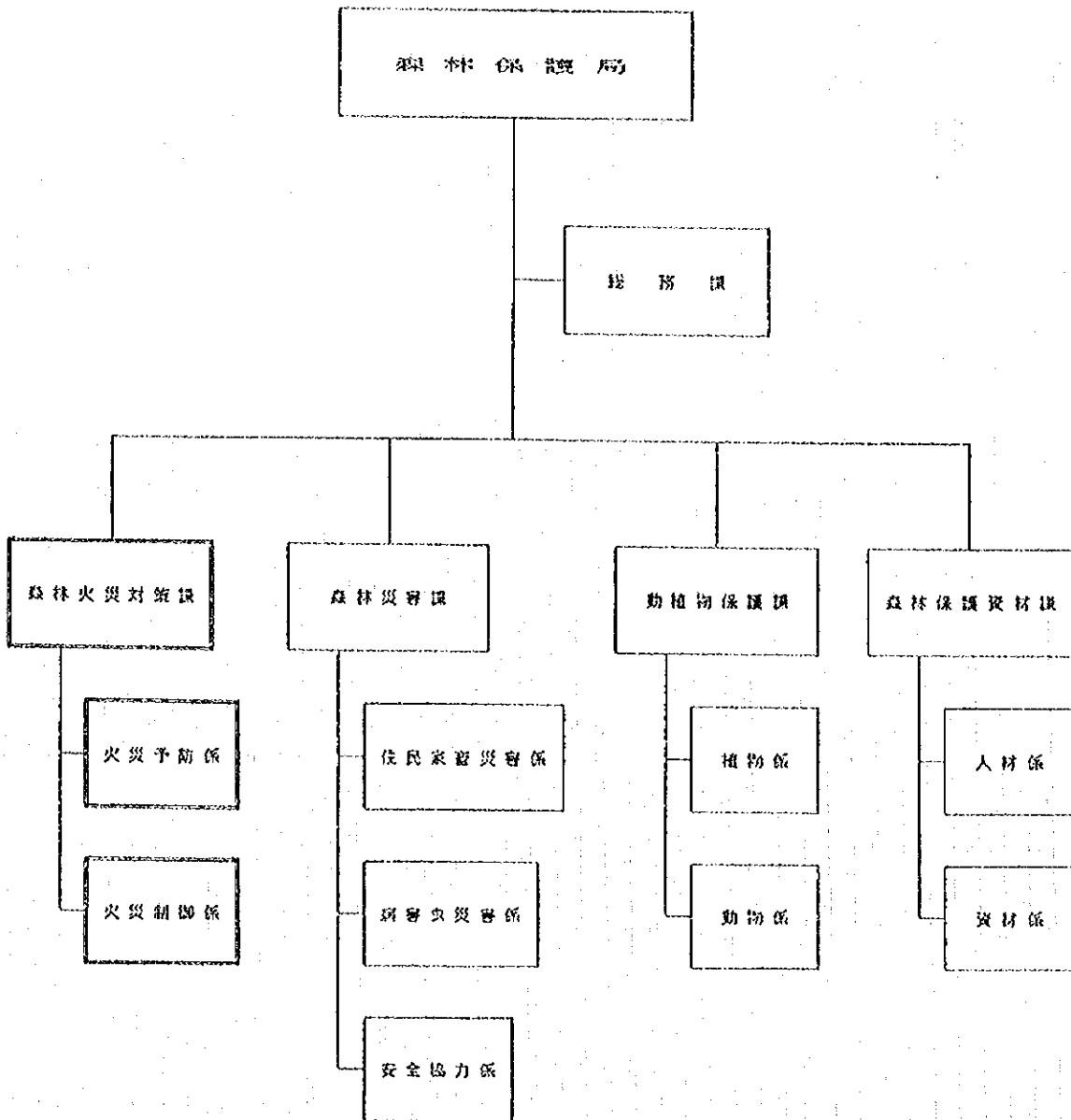
10 m

Bogor Botanical Garden

協力相手部局
関係部局



森林保護局組織図



森林火災予防対策プロジェクト、JICA-インドネシア
1996/1997年度「イ」側予算要求書

No.	項 目	数 量	(Rp.) 単 価	(Rp.) 計
	給与・報酬			
	・ C/P報酬 (本部5名、ジャバ3名、西州3名)	132 人・月	100,000	13,200,000
	・ 運転手報酬(2名)	24 人・月	60,000	1,440,000
	・ レポート製本用報酬	50 人・日	10,000	500,000
	・ プロジェクトサイト警備(2カ所)※	480 人・日	10,000	4,800,000
	・ プロジェクトサイト管理人(2カ所)※	1440 人・日	10,000	14,400,000
	・ プロジェクト事務所管理人(2カ所)※	720 人・日	10,000	7,200,000
		小 計		41,540,000
	消耗品費			
	・ 事務用品	36 組	300,000	10,800,000
		小 計		10,800,000
	出張旅費			
	・ 本部→プロジェクトサイト	20 人・年	1,300,000	26,000,000
	・ 林政局→本部	6 人・年	1,300,000	7,800,000
	・ 林政局→プロジェクトサイト	30 人・年	500,000	15,000,000
	・ プロジェクトサイト→林政局	50 人・年	500,000	25,000,000
		小 計		73,800,000
	その他			
	・ 合同評価会議	50 人・年	175,000	8,750,000
	・ 定期会議(4回)	100 人・日	30,000	3,000,000
	・ 報告書作成経費	120 部	5,000	600,000
	・ 報告書配布経費(3カ所)	36 包	100,000	3,600,000
	・ 電話設置経費(ジャバ本部)	1 台	500,000	500,000
	・ 光熱水費(2カ所)	24 カ月	1,000,000	24,000,000
	・ 事務所借上費(2カ所)	24 月	1,000,000	24,000,000
	・ 四輪車燃料費(3カ所各1台)	36 月	250,000	9,000,000
	・ 二輪車燃料費(2カ所各1台)	24 月	50,000	1,200,000
		小 計		74,650,000
		合 計		200,790,000

※ = C/Pの報酬に割り当てる。

C / P 西 記 備 註 十 五

JICA 専 門 家	プロジェクト本部 ボゴール/ジャカルタ	プロジェクト・サイト 西州マツカ林政局	プロジェクト・サイト ジャンピ林政局
チーム・リーダー	1. Kol. Wasiman Siswanto (森林保護局長) 2. Ir. Soedarmo (森林火災対策課長)	-----	---
調 整 員	1. Ir. Kurnianto (火災予防係長)	1. Ir. Abner Pangribukn (天然資源保全課長)	1. Ir. Atang Setiawan (天然資源調査保全課長)
普 及	1. Mr. Johnie H.P. (火災制御係員)	1. Ir. Basuki Sugeng H. (種の保全担当係長)	1. Ir. Raffles Panjaitan (普及指導課長) 2. Mr. Azis (天然資源保全センター職員)
社 会 林 業	1. Ir. Sumantri (火災予防係員)	1. Mr. Suhendra (天然資源保全課職員)	1. Ir. Herdi Kusmartono (種の保全担当係長) 2. Mr. Madari (天然資源保全センター職員)
早期警戒・発見システム	1. Ir. Erly Sukrismanto, MSc (火災制御係員) 2. Dr. Ir. Samedi (GISプロジェクトチーム長)	1. Ir. Wawan Ridwan, MM (計画課長) 2. Mr. Hendarto (計画課職員)	1. Ir. Nandang (計画課職員)

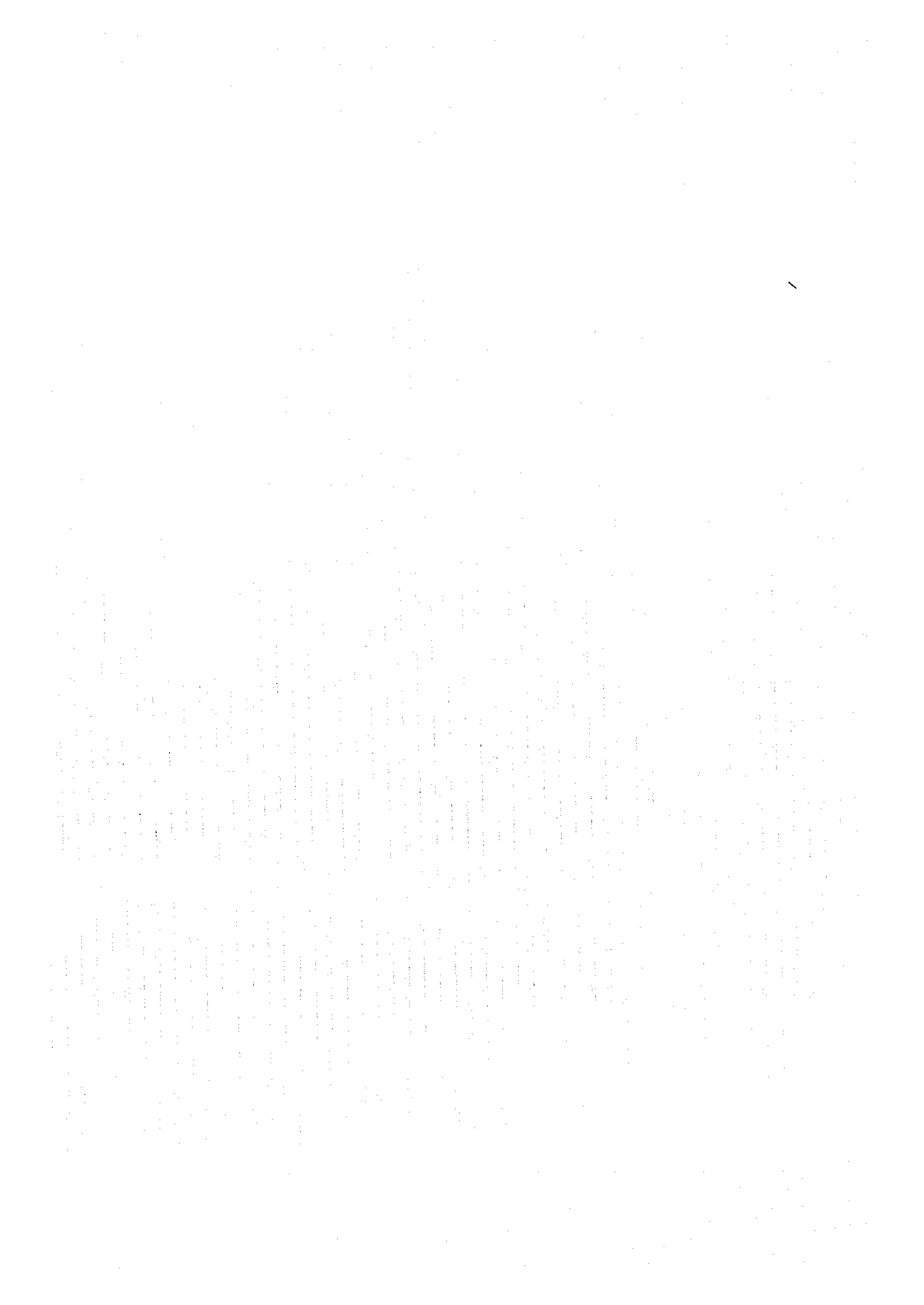
西カリマンタン州PUSDALメンバーに対するプロジェクトの主旨説明会
出席者名簿

日時：1995年11月13日 11時～14時

場所：西カリマンタン州林政局会議室

	出席者氏名	所 属 先
1	Abner Pangribukn <座長>	林政局 天然資源保全課長
2	Kurnianto	PHPA 森林火災対策課 火災予防係長(ホリエル)
3	Wawan Ridwan	林政局 計画課長
4	Basuki Sugeng Haryadi	林政局 天然資源保全課 種の保全担当係長
5	V. Tandi Pakabu	〃 〃 自然保護担当係長
6	Agus Aman S.	営林局
7	H. M. Hatta A. Syukur	シントアン県 県南営林署 次長
8	Erwin Effendi	天然資源保全センター支所
9	Sampurno Budi W.	〃
10	M. Sadik Aziz	森林保全センター支所
11	Titin R.	〃
12	Dadan K.M.	G T Z 社会林業プロジェクト、C/P(サカウ)
13	Agus Kordiat	農政局
14	Wismark Hutagaol	移住局
15	Soeparno Soehadi	環境局
16	M. Chaeran	気象・地球物理センター
17	Saenan M. Junus	情報局
18	Syahrani	運輸局
19	Subandrio	〃
20	佐藤 雄一	JICA 専門家(林業省、山火事対策)
21	勝久 彦次郎	長期調査員
22	及川 洋征	〃
23	谷口 一郎	〃





JICA