## **TABLES**

			,	

Tible 2.1 Bresidown of Finacial Construction Cost and Estimate of Economic Construction Cost for English Project

			Present w		Without Provi	A W/O) to Wate }	Pro-oct ( W P)			Total	Economic
Kaisupoten/	Ara	<u>ጀ</u> . ነ	A OW	Kenabi: &	Consession of the second	New Const-	Sub-Total	2007	Licel	S Contraction	Construction
אקביב כן אינונונים	(gr)	Scheme	(Rp.MN)	(Ro.MN)	(Rows	(Ra.MR)	(Ro.M.S)	(Rp.MS)	(Rp.MN)	(R2.MN)	(Ro.JAN)
TABALONG	ş	1	c	œ	ı	•	ex		«	ox	٠ ٧٥
2 Jaro Bawah	8	Į.	315	. 23	161	•	, ES	32	, %.	, 0Z9 ,	218
3 Gentles	Z 8	1 E	00	112	£2.	745	ğ \$	- 3	<u>8</u> 8	786 786	4 98 8 88
S Nemes	Z)	Ď.	0	•	•	5.	161	0.	ä	503	857
6 Kisance 7 Milita	\$ £	1 6 2 7	<b>0</b> 0		٠,	55. 129	85 85 85 85 85 85 85 85 85 85 85 85 85 8	3 %	198	5,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5 6,5	80 80 70 70 80 80 80 80 80 80 80 80 80 80 80 80 80
S Bacaputer	ង្គ	No.	o ·	•	•	865	598	ጽ	8	269	478 8
9 Bilzs 10 Benya Tajun	3 %	ž ž X.X.	00			2,386 2,367	1,586 2,367	88	2,487	2,089	1.89
HULLI SUNGAI UTARA	ş	.!	8	5			Ş	2	5	656	27.0
: Pierie 2 Tiedaka	8 82	# # # #	ζ0	98	ន្តអ្	١,	3 E	. o	365	996	230
3 Starpin	9 4	15 15 15 15 15 15 15 15 15 15 15 15 15	<b>o</b> c	<b>3</b> . 15	01. 01.		នុំន	ני יון	S &	237 255	163
5 Balangara 6 Pitap	2,172 3,73	N.O.	.00	ί		13,040 22,418	13,040	348 597	13,388	13,388 23,015	:0,432 17,934
PULL: SUNGA! TENGAH											
Talarg	33	Erst	00	ន្ត	158	•	12.5	<b>ሆ</b> ነ የ	338	325	257
2 1 aptiv 3 Tempang	8 %	Exist Fixin	•	<u> </u>	65		3.8	J 4	38	54 55 583	ង
4 Barut Hawang	ଜୁ ନୁ	E is	<u>بر</u> د	17	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		071 7121	요 (;	85 5 54 54 54 54 54 54 54 54 54 54 54 54 54	237	136 974
6 Xathrion	(8)	15 J	• • •	ន់	8	•	គ្រីរ	ង	, 4. S	28,	285
/ Mengratang 8 Heruyaa Dayak	1,486	R is	00	162	25.	1 1		3 X	 918.1	1,619	1,267
9 Bareng Alai 10 Barenai	6.223 2.278	ž č N	00		• 1	37,758 13,677	37,758 :3,677	88	38,754	38,754	30,206 10,542
HILL SUNGAL SELATAN											
I Telega Lamas	7,534	E.	00	356	1,468	٠	1,824	37	1,861	1,86.	1,459
7 kyuo 3 Nunungan	<u>.</u> %	5 5 5 5	00	<i>አ</i>	. 85 . 82		8 53	n vit	ផិសិ	ផង	88
4 Kuangan 5 Pempiasa	143 214	. 15 . 15 . 15 . 15 . 15 . 15 . 15 . 15	00	ន្តអ	225 33.55		333 391	<b>∞</b> ∞	66 86 86 86	336 366	266 313
6 Hewan	12.8	Н	<b>\$</b> ,	88	¥!	•	Se s	₩.	줐.	¥.	888
Ment /	<u> </u>	ii.	00	3 7.	92		នូន	o t	c. 6	5 P	25 27
9 Kayu Habang 10 Amanda	347 6,432	No.	00			1,072 40,358	1,072	3,50 50 50 50 50 50 50 50 50 50 50 50 50 5	1,128	1,128	858 32,286
TAPIN											
1 Lok Paikat 2 Parrania	36.25	E E	294	<b>6</b> 3	37.E 27.E		48	<b>4</b> 8	\$ 9	£ 3	354
3 Nupadage	ន្ត	<u>.</u>	24.	[-	3	•	8	<b>.</b> %	83	SZ 5	199
4 Tables: 5 Pulse Pinane	88	rie Fire	00	E u	ĸ ჭ		E 9	o 0	15.	172 735	138 208
6 Remperants	প্র	Sign.	0	8	97.	•	음:	· •• 5	e;	123	136
8 Tagain	25.5	New	0	₹,	· ·	34,107	34,107	353	34 550	34,960	27,286
9 Labutan	8	Ž.	Ο.	•		726	126	84	57.6	975	3
Netes w. Construction cost only for man sy	हें रेटर क्रम्बन क्षेत्रहरू	9									

Table 2.2 Broakdown of Financial Construction Cost and Estimate of Bennomic Construction Cost for Drainage Project

Name of the control o					1								,
Early   School   Sc	Nabujaten/	Type of	Level of	Area	to W/O P.	đích	Q'M	1 ype A	O'A	TypeD	Sub-Total	Ali Sages	Construction
## 1555 WOODT 10 10 10 10 10 10 10 10 10 10 10 10 10	Name of Scheme	Science	Industriani	(ha)	(Rp.MN)	to W/P (Rp.3/D)	to Type A (R <sub>7</sub> . MN)	to Type D (Rp.MN)	to Type D (Rp.MN)	io Type E (Ro. Mr.)	(Rp. Nes)	(Rp.Ncs)	Con (Ro.MCs)
Figure   Worker   W	TABALONG		4										
Fig.   Wood of Co.   15   15   15   15   15   15   15   1	S. Currier	20.5	**************************************	200	16	3,1,2	•	•	1	•	5,112	5,50 5,00 5,00 5,00 5,00 5,00 5,00 5,00	2,490
Each   Wood   19   19   19   19   19   19   19   1	2 S. Williams	r	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 8	7 6	3 8				•	3 8	666	3 5
Figure   Woods   Figure   Fi	1 C Tr	1	3 C C C C C C C C C C C C C C C C C C C	Ş	5 5	3 5	•		•	•	3 8	2 8	3 2
New World   1985   19	Strainer of the strainer of th		3.1 - 1.0 %	35	ş m		•			•	Ŝ E	Š	Ų.
Now wood of the wo			55	3 2	, E	7:0	•	•	•	•	71.	66.5	, t
Fig.   WOOD   1985   2085   1,575		¥ ;	55	33	75	Ŷ	•	•	•	ĬI	ž.	200	817
Record   Wood   1985   1987		è	1.50 1.10 1.10	9	> <	3 5			•	•	26	25	3
Fig.   WOOD 12   1989	S. Bangkuzza	<b>₹</b>	4.0.0	3	۰ د	1.43	•	•			/c/	1,457	1,166
Fight   WOO with   1985   2458   24	9 Prisa Kun	No.	W.C.to T-E	280	0	1,457					1,457	1,457	99:
Exist WOOD-TO 1985 353 2458  Exist WOOD-TO 1985 353 2458  Exist WOOD-TO 1986 353 2458  Exist WOOD-TO 1986 353 2458  Exist WOOD-TO 1986 353 2458  Exist WOOD-TO 2500 0 173 175 175 175 175 175 175 175 175 175 175	HULD SUNGAL UTARA												
Prince   Writer D 1560   1656   4495   1546   154	1 S.Parag Fabour	, y	WO's T-D	285	S	2,658	•	•	•	•	2,658	3.19	2,126
Phene   WOOD TA, 6,600   0   4,695   1397   1397   1397   1399	2 R. Butto March	ETS	W/OscT-D	136	210	1,636	•	•	•	•	1,636	846	1309
East   WOOD   19   15   15   15   15   15   15   15	3 D Bearing Kan	7	W.D. o. T. A	(6.55	_		507.7	•		•	×677	•	2,526
Eige WOODTD 500 178 772 772 1157 1157 1157 1157 1157 1157 1	The state of the s	44		9	s c	ī	) F	7367	ı		1011	603	9.00
Exist         WOODTD         390         773         775         784         785         784         785         784         785         784         785         78	ALT CAME AT CAME A MARKET	}		3	•	•	•		•	•		72027	547.0
Exist Wools 12 199 139 72 150 150 150 150 150 150 150 150 150 150	HELD SCHOOL IEROAM	,	1	•	;	ì					. 1	i	•
Esia WODUTD 1990 ITR 1519  Esia WODUTD 2500 ITR 1510  Ena WODUTD 2500 ITR 1511  Ena WOUDTD 2500 ITR 1511  Ena WOUDTD 2500 ITR 1511  Ena WOUTD 2500 ITR 1511	1 R.Turas	NAME OF THE PERSON NAME OF THE P	G-Lacky	8	33	53		•		•	27	35	88
Exist         WODSTE         1,510 <t< td=""><th>2 R. Bangkan</th><td>5113</td><td>C-T of Q'A</td><td>Ş</td><td>178</td><td></td><td></td><td></td><td>29</td><td></td><td>395</td><td>•</td><td>1.776</td></t<>	2 R. Bangkan	5113	C-T of Q'A	Ş	178				29		395	•	1.776
Exist         WOOD TE         2,640         0         3552         2,170         2,	3 Te Sarami	p care	W.D. Dar. F.	761	c	1.510	•	•	•	•	1310	1310	1.048
Prince   WOODTD   State   St	A Tr Summan Wanter	1.1	1 - CA	677	. ~	55.5					17.5	100	725
New Wood PD   1900	The state of the s			ξ	; c	3	11		177			26.	2007
Exist   WOOD TID   CANADA	S A Deligate Crement	2000	5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 5	•	•		•	777	•	77.57	7/21	66.
New         WOOD TO         1,333         1,533 <th< td=""><th>Survivo</th><td>¥0.</td><td>2 8 2</td><td>200</td><td>&gt; &lt;</td><td></td><td></td><td>•</td><td>617.0</td><td></td><td>V. 1.0</td><td>67.6</td><td>Ų,</td></th<>	Survivo	¥0.	2 8 2	200	> <			•	617.0		V. 1.0	67.6	Ų,
Exist         WODELTE         2,005         2775         2,758         2,995 <t< td=""><th>7 Binjer</th><td>AC.</td><td>W.O. G. TD</td><td>3</td><td><b>⇒</b></td><td>•</td><td></td><td></td><td>1,833</td><td></td><td>1,833</td><td>1,853</td><td>466</td></t<>	7 Binjer	AC.	W.O. G. TD	3	<b>⇒</b>	•			1,833		1,833	1,853	466
Exist WOUNTE 2005 277 2,758  Exist WOUNTE 2005 277 2,758  Exist WOUNTE 2006 0 1,844  Exist WOUNTE 1,800 0 6,89  Financed WOUNTE 2,800 0 6,89	HULU SUNCAI SELATAN			,	:								,
Cylings         Exist         WODETE         500         1,113         1,125         1,126 <t< th=""><th>. Is Longkan</th><th>Ä</th><th>WORLE</th><th>28</th><th>ដូ</th><th>2,758</th><th></th><th>•</th><th>•</th><th>•</th><th>2,758</th><th>138</th><th>2758</th></t<>	. Is Longkan	Ä	WORLE	28	ដូ	2,758		•	•	•	2,758	138	2758
Cajang         Exist         WOD-T-D         1504         1844	2 Ta Penantiben	For	W/OwT-E	ş	0	1,135	•	i	•	•	1,135	1,135	85
Tight Shalay:         Sight WONTE         WONTE         600         98         1150         1248 <th>3 C Kaino</th> <th>T. Y.</th> <th>WO to Tab</th> <th>1.500</th> <th>۵</th> <th>28.</th> <th></th> <th></th> <th>•</th> <th>•</th> <th>1844</th> <th>7.87</th> <th>3.475</th>	3 C Kaino	T. Y.	WO to Tab	1.500	۵	28.			•	•	1844	7.87	3.475
Part	A C. Tiles O. Kellensen	į. 1	1	909	8	eş.					5	246	8
Regard         Exist         WOOD 10         500         6729         6229	4 O. A. C. A. Delinaring	9.	3 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 8	ę c	3				•	200	907	3 6
National Exists   WOODT-10   S.200   Street   S.200   S.200   Street   S	2 2.1 Million	<b>3</b>	200	ŝ	<b>3</b> (	Š			, ,,,		ŝ	200	n s
Salama         Exact         WOODTD         50         3/5	D. K. Kegara	S .	7,00%	D.A.C.	<b>&gt;</b> ;	• į			6774	•	67776	6770	4,400
National Planted WOODTD 1500 0	7 S.Belom	H	T-Loo	3	3	SIE			• •		9/9	Ş	2
Paracet Woolf-To 1,500 6   2,522   3,523   3,525   3	S R.Ankinger	Period	1,00 K	8	ټ	•	•	•	3,525	•	3,525	37.25	2,330
Negara Extransion         Phaned Word-TA         WOrd-TA         550         0         1,057	9 R.Geris	Patrocc	WO to T-D	ş	త	•	•	•	3,525	•	3,525	3,525	2,820
New   Wooth   1500	10 R.Napara Extension	Planned	WOLTED	200	0		,		1.057	•	1.067	1,067	\$5
Second Principle   Second Prin	13 S. Hadanean	N.	W/Oso T.A	3.800	0		2.522		•	•	252	•	2.018
Second				208.6		•	} '	< 577	•		453	8 00%	2577
New   Word-Late   1,500   0   3,119   1,519		} <u>.</u>	1.00	200	3 <	•	, S		•	•	ì		1
Color   Colo	Ten Suggest 77	A	9	3	٠.	•	R		•		26.	•	
New WOod-A 5,000 0		ģ	J- 0 4-	3	<b>.</b>		7	4:33		•	\$ 17.7 7	5,19	50 T
Control	13 Tajan Langit	AC.	WO'D T-A	900	>	•	9.55	•	•	•	5,319	• !	7,622
Udail		\$	T-A to T-D	280	6			7.333		•	7,533	10,652	5.866
Udull         Exist         W/O to T-D         1,000         6         1,412         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,422         1,423         1,468 <t< td=""><th>TAPE</th><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	TAPE												
Exic         W/Out-TE         8,000         653         11,003         -         11,656         11,656           Exic         W/Out-TD         1,000         139         1,339         -         -         1,621         1,739         1,468           Exic         W/Out-TD         1,000         139         1,521         -         -         1,739         1,746           Exic         W/Out-TD         2,750         9         4,205         -         -         2,05         4,205         -         4,205         -         2,05         -         2,05         -         2,05         -         2,05         -         2,05         -         2,05         -         2,05         -         2,05         -         2,05         -         2,02         -         2,02         -         2,02         -         2,02         -         2,02         -         2,02         -         2,02         -         2,02         -         2,03         -         2,03         -         2,03         -         2,02         -         2,02         -         2,02         -         2,02         -         2,02         -         2,02         -         2,02         - <t< td=""><th>1 S.Udel</th><td>1507</td><td>W/Ote T-D</td><td>1,000</td><td>7.5</td><td>1,412</td><td></td><td></td><td></td><td></td><td>1,4:2</td><td>.4.2</td><td>1,130</td></t<>	1 S.Udel	1507	W/Ote T-D	1,000	7.5	1,412					1,4:2	.4.2	1,130
Exist W/O to T D 1,000 139 1,329 1,468  Exist W/O to T D 1,000 139 1,329 1,468  Exist W/O to T D 1,000 138 1,621 1,739  Exist W/O to T D 1,250 1,250 1,250 1,258 1,746  Exist W/O to T D 2,000 1,000 1,158 1,746  Exist W/O to T D 2,000 1,000 1,158 1,746  Exist W/O to T D 2,000 1,000 1,158 1,746  Exist W/O to T D 2,000 1	2 P Venine	1	T. L. C.M	80%	559	1.003	•	•	•	•	900	11.656	8 807
Exist W/Out-1-0 1,000 118 1,621 1,739  Exist W/Out-1-0 1,000 118 1,621 1,739  Exist W/Out-1-0 1,000 118 1,621 1,739  Exist W/Out-1-0 1,000 10 4,205 1,746  Exist W/Out-1-0 1,000 10 1,738 1,746  Exist W/Out-1-0 1,000 10 1,74	The state of the s	1	C + 1 C 2	8	02.	275					1 270	1 462	100
Exist W/O to T-15 1,000 110 1,024 1,	2.0.000 C	1,		38	2.	10	•		•	•			5 6
Exist WAD to T-E 300 10 231 - 241 251 251 251 251 251 251 251 251 251 25	A O. Leptit Caching	3 1	U-10:0/w	3	077	1,041		•	•		1,0,1	K(7)**	
Exist WOod-TE 2/50 9 4,205 4,205 Exist WOod-TE 2/50 1,588 1,746 Exist WOod-TD 1,250 1,588 1,746 Exist WOod-TD 1,250 1,588 1,746 1,746 Exist WOod-TD 1,500 0 315 315 315 315 315 214 WOod-TD 2,000 0 627 627 627 627 627 627 627 627 627 627	S National Babana	Signal Till Till Till Till Till Till Till Ti	W/Oto T-r	8	<b>)</b> ,	100		•	1		30	ñ	ð,
Exist         W/Out-TD         1,256         1,588         1,746           Exist         W/Out-TD         400         39         559         -         559         598           Exist         W/Out-TD         400         6         277         -         573         572         573         572         573         572         573         572         573         572         573         572         573         572         573         572         573         572         572         572         572         572         572         572         572         572         572         572         572         572         572         572         572         572         572         572	6 R. Belanci	Firs	W/O to T-E	2,750	က	4,205	•	•	•		4,205	4,205	3,364
Exist         W/Out-TD         400         39         559         598           Exist         W/Out-TD         150         6         715         715         515           Exist         W/Out-TD         150         6         77         678         678         6782 <t< td=""><th>7 S.Derner</th><td>Ħ</td><td>WOSTD</td><td>9</td><td>85</td><td>1,588</td><td></td><td></td><td>•</td><td>•</td><td>1,588</td><td>3,746</td><td>: 270</td></t<>	7 S.Derner	Ħ	WOSTD	9	85	1,588			•	•	1,588	3,746	: 270
Exist W/Out T.D 150 6 315 315 315 315 315 315 315 315 315 315	S S.Selan	: :13	A'No T-D	ş	ક્ષ	555	•	•	•		253	28	4
State         W/O to T-3         400         6         627         627         627         627         627         627         627         627         627         627         627         627         627         627         627         5391         3,991         3,991         2,991 <th>S S. Marin</th> <td>N.</td> <td>WO.T.D</td> <td>150</td> <td>ده</td> <td>315</td> <td></td> <td></td> <td></td> <td>•</td> <td>315</td> <td>315</td> <td>ধ্য</td>	S S. Marin	N.	WO.T.D	150	ده	315				•	315	315	ধ্য
Parmed W/OuT-D 2,000 0 3,991 3,991 3,991 2,000 0	10 Set Press Ac	Tak.	WO to T.E.	969	ပ	623	•	•	•		173	179	Š
Furned W/OorT-D 2,000 0	1) R. Rehanan	Name of	W.C. Tai C.W	2,000	¢		•				3.991	3,991	3,193
	12 R Maniers Protection	Daylord, C	W.C.T.	2 300	0	•	•	•	1,00	•	3 66	•	3.193
New Wolfert 2,000 0	Control of the contro	407	Tiberie	2000	0	,	•	•		2,093	2.051	5,082	1.673
40- T-D 17- 2,091 6,020	13 D Missian Oak Hurman	·	C.T. 1.20	8	c	•			2 029	· '	3 020	•	3.143
		<u>.</u>	T.D.O.T.	200	• ←	•	•	•	1	5	2000	620.5	

Table 2.3 Breakdown of Financial Construction Cost and Estimate of Economic Construction Cost for Polder Project

Type of Area to Former W/O Scheme (ha) (Rp.MN)	Present	Without Project (W	//O) so With Project (`	(d/h)	Foral Cost	Economic
(ha) (Rp.MN) (Exist 418 0 Exist 448 0 Exist 2,344 0 Exist 1,694 0 Exist 1,737 0 Exist	w Rehabil. &	On-farm	Sub-Total Land Acquisition	. Total	(Present	Construction
Exist 418 0  Exist 144 0  Exist 2,344 0  Exist 2,344 0  Exist 1,694 0  Exist 1,694 0  Exist 1,737 0  Exist 1,737 0  Exist 1,737 0			(Rp.MN) (Rp.MN)	(Rp.MN)	(Rp.MIN)	(Rp.MN)
Exist 418 0  Exist 144 0  Exist 2,344 0  Exist 2,344 0  Exist 1,694 0  Exist 1,737 0  Exist 1,274 0  Exist 1,274 0						
Exist 144 0  Exist 468 0  Exist 2,344 0  Exist 1,694 0  Exist 2,300 0  Exist 1,737 0  Exist 1,274 0  Exist 4,500 0	0 348	0	348 0	348	348	278
Exist 468 0 Exist 2,344 0 Exist 1,694 0 Exist 2,300 0 Exist 1,737 0 Exist 1,274 0 Exist 4,500 0	0 283	0	283 0	283	283	226
Exist 468 0 Exist 2,344 0 Exist 1,694 0 Exist 2,300 0 Exist 1,737 0 Exist 1,737 0			٠			
Exist 2,344 0 Exist 1,694 0 Exist 2,300 0 Exist 1,737 0 Exist 1,274 0 Exist 4,500 0	0	0	1,644	1.644	1,64	1,315
Exist 1,694 0 Exist 2,300 0 Exist 1,737 0 Exist 1,274 0 Exist 4,500 0	0 1,723	0	1,723 0	1,723	1,723	1,378
Exist 2,300 0 Exist 1,737 0 Exist 1,274 0 Exist 4,500 0	0	0	2,049 0	2,049	2,049	1,639
Exist 1,737 0 Exist 1,274 0 Exist 4,500 0	0	0	26 0	26	56	21
Exist 1,274 0 Exist 4,500 0		•	•	1	•	•
Exist 4,500 0	0 39	0	39 0	39	39	11
	0	0	8,217 0	8,217	8,217	6,574
2,800 0	0 23,778	0	3,778 0	23,778	23,778	19,022
HULU SUNGAI SELATAN						
1 Kalurrpang New 605 0	0 7,733	0	7,733 0	7,733	7,733	6.186

Table 2.4 Breakdown of Financial Construction Cost and Estimate of Economic Construction Cost for Fishery Project

			Present		/ithout Project	W 01 (O/W)	ith Project (W/	P)	Total Cost	Economic
Kabupaten/ Name of Scheme	Type of Scheme	Area	a W W∕O	Rehabii. & Renewal	On-farm Grading-up	Sub-Total	Land Accuisition	Total	(Present to W/P)	Construction Cost
		(ha)	(Rp.MN)	(Ro.MN)	(Rp.M.v)	(Rp.MN)	(Rp.MN)	(Ro.MN)	(Rp.MN)	(Rp.MN)
HULU SUNGAI UTARA		6	(	Ç.	(	Ċ	Ċ	e C	i V	
Alabio	New &	26	> <	770	00	27.5	0	77.0	77.0	4-4-0 0.1-4-0
	low of	700	>	0.000	>	0,0,0	>	C10,0	0.00	ccn',
TAPIN	;	•	•		•	;	,		;	•
i Margasan	New C	<b>o</b>	<b>ာ</b>	32,448	<b>.</b>	32,448	<b>-</b>	32,448	32,448	25,958

Level of development, from without project to with project of short-term development
Level of development; from with project of short-term development to with project of medium-term development
Level of development; from without project to with project of iong-term development ઇંદેં જે Note:

Table 2.5 Financial and Economic Prices of Agricultural Products and Inputs

ر البارخية المساورين المساورين البارخية المساورة المساورة المساورة المساورة المساورة المساورة المساورة المساورة المساورة المساورة الم	Unit	والمستوالية والمستوالية المستوالية والمستوالية والمستو	Financial	Economic
Marie Committee of the		ماند مساوم بروناه فاندي ورون و برون	1988 a/	2000 b/
Products		YS 1	0.00	077
Paddy	Kg	Dry clean paddy	267	276 c/
Maize	Kg	Dry grain	300	209 c/
Cassava	Kg	Fresh roots	85	85 e/
Sweet potato	Kg	Fresh roots	150	150 c/
Soybeans	Kg	Dry beans	700	428 c/
Groundnuts	. Kg	Shelled	885	820 c/
Mungbeans	Kg	Dry beans	825	635 d/
Vegetables	Kg	As cucumber	245	245 c/
Rubber	Kg	RSS	1,600	1,650 1/
Fishes	Kg	All kind, average	1,316	1,316 c/
Shrimps	Kg	head on	7,450	7,840 c/
Inputs				
Seeds				
Paddy	Кg		270	-330 g/
Maizc	Kg	•	500	250 g/
Cassava	Seedling		4	4 0
Sweet potato	Seedling		2	2 €/
Soybeans	Kg		1,250	515 g/
Groundnuts	Кg		2,500	985 g/
Mungbeans	Κg		910	760 g/
Vegetables	Kg		15,000	15,000 e/
Rubber	Seedling		480	480 c/
Shrimps	fry		7.5	7.5 c/
Pertilizers	~~,			
Urea	Kg		135	399 d
TSP	Kg		135	507 c/
KCL	Kg		135	325 c/
Agro-chemicals	0			,
Pesticides	Kg		5,200	7,500 IV
Rodenticides	Kg		1,500	2,200 h/
Shrimp Feed	Kg		1,400	1,080 d/
Labor	**5		1,100	1000
Family labor	man-day		-4	2,100 i/
Hired labor	man-day		3,000	2,100 i/
	•		8,000	8,000 c/
Animal labor	team-day	والتحاربوستارسون فوقونوارانيانية فقو علوق أسبوو بيوساريسون	0,000	0,000 (7

al: Prevailing present prices in the Study Area which are estimated based on the data Kanwil Agriculture, South Kalimantan are assumed as 1988 financial farm gate prices.

b/: Forecasted 2000 prices based on 1988 constant US dollars.

c/: See Table 2.6

d/: Derived by applying the long-term average ratio between the financial prices of soybeans and groundnuts, and the projected these economic prices.

c/: Assumed that economic values are equal to the respective financial prices.

f/: Estimated ratio between 1988 price (US\$1.44/kg) and 2,000 price (US\$1.48/kg) both at CIF New York in terms of 1988 constant prices is applied to the financial price.

gf: A premium of 20% to allow for storage losses, handling, etc. is added to the equivalent economic fann gate prices.

h/: The estimated government pesticide subsidy (about Rp.42 billion for 14,210 tons in 1986/87) is added to the financial prices.

i/: Economic shadow wage ratio of 70% is applied.

Table 2.6 Economic Price Sturucture for Major Agricultural Products and Pentilizers

Rice/Paddy (Import substitution value)	Operation	US\$/ion	Rp/kg
Export price, That 5% broken, I OB Bankok at		004	
Quality adjustment	90%	234 211	
Preight and insurance	90% 1	32	
CIP price Banjarmasin b/		243	421
Port handling, storage and losses	<del>-</del>	2.13	30
Transport to wholesaler	+		6
Transport mill to wholesaler	-		3
Traders margins Ex-mill price	-		11
Conversion to paddy	<del></del>		412
Milling cost	68%		300
Transport farm to mill	- -		[1 13
Beconomic farm gate price	- -		276
Malze (Import substitution value)			
FOB US Gulf port a/		102	•
Freight and insurance	+	22	
CII <sup>1</sup> price Banjarmasin b/ Port handling, storage and losses	±=	124	214
Transport to wholesaler	+		11
Traders margin	· <del>!</del>		11 13
Transport farm to wholesaler	-		13
Economic farm gate price	<del>.</del>		209
Soybeans (Import substitution value)			>
CIli Rotteniam a/		208	
Freight and insurance	+	38	. = -
CIF price Banjamasin b/	=:	246	425
Port handling, storage and losses Transport to wholesaler	+		21
Traders margin	+		6 11
Transport farm to wholesaler	-		`. 13
Economic farm gate price	<u></u>		428
Groundnuts (Import substitution value)			
Groundnuts oil price a/		641	
Ratio Indonesian import/groundnuts oil price	72%	462	=^^
CIP price Banjarmasin shelled groundhuits b/	<del></del>	462	798 40
Port handling, storage and losses Transport to wholesaler	<b>!</b> +		40 6
Traders margin	- -		11
Transport farm to wholesaler	_		13
liconomic farm gate price	<u></u>		820
Shrimps (Export substitution value)			
FOB Banjarmasin to	0.10	6,500	11,245
Quality testing fee	0.1%		11 60
Handling and transport to processor	-		2,860
Processing cost and margin Processor buying price	=		8,314
Transport and marketing cost farm to	_		•
processing plant	-		475
liconomic farm gate price	rounded		7,840
Urea (Export substitution value)		10/	
FOB Europe a/	i.	186 16	
Freight and insurance	+ -	202	350
Ex-factory Palembang b/	<del>-</del> +	202	22
Transport to wholesaler Storage and wholesalers' margin	¥		17
Transport to farm	+		11
Economic farm gate price	=		399
TSP (Import substitution value)			
FOB US Gulf a/		205	
Preight and insurance	<del>+</del> ·	60 265	458
CIF Banjamasin b/	<del></del> +-	205	39
Transport, storage and wholesalers' margin	+		ii
Transport to farm Economic farm gate price	±		507
KCL (Import substitution value)			
FOB Vancouver 3/		105	
Preight and insurance	-1	54	25-
CIF Banjarmasin b/	<u>-</u>	159	275
Transport, storage and wholesalers' margin	+		39 11
Transport to farm	+		325

Al, Based on Revision of Commodity Price Porcessis and Quarterly Review of Commodity Markets, September 1988, World Bank bl; Prices converted at an exchange rate of US\$ 1.0 - Rp. 1,730 Note:

Table 2.7 Crop Budget per Hectare under Without Project Condition (Economic Prices)

					(1) Wetlan	Wetland Paddy				(2) Palawija Crops	Crops	(3)	(3) Inalnd Open	en
Teen	Unit		(i) EXIS	(1) Existing Imgation Scheme Q'ty Price Amount (Rp.) ('000Rp)	Amount ('000Rp)	(n) Exist	(u) Existing Dramage and Polder Q'ty Price Amount (Rp.) ('000Rp)	Amount ('000Rp)	Q'ty	(Mungocans) Price A (Rp.) ('0	Amount ('000Rp)	Q'ty	Water rishery Price A (Rp.) ('0	Amount ('000Rp)
A. Gross Income - Yield	(ton) (ton) (ton)	ன் தி பி	3.5 5.0 4.0	\$276,000 276,000 276,000	690.0 966.0 1,104.0	1.5	276,000	414.0	0.5	635,000	317.5	0.083 1	0.083 1,316,000	109.3
B. Production Cost 1) Farm Input - Seed	(kg)		25	330	8.3	20	330	9.9	25	09/	0.61	0		0.0
Urea TSP KCI	(kg) (kg) (kg)		20 00 0	399 507 325	39.9 25.4 0.0	000	399 507 325	0.0	900	399 507	0.0	000		0.0
- Agro-domea. Pesticide Rodenticide	(lit.) (kg)		സസ	7,500	22.5 6.6	00	7,500	0.0	00	7,500	0.0	00		0.0
(Sub-Total)					102.6			9.9			19.0			0.0
2) Labour Requirement (m/d)	t (m/d)		140	2,100	294.0	120	2,100	252.0	20	2,100	105.0	15.5	2,100	32.6
3) Miscelloneous a/ (% of Sub-Total 1+2)	(2)		10		39.7	10		25.9	'n		6.2			31.1
Total Production Cost					436.3			284.5			130.2	•		63.7
C. Net Return		လေ သံ တ			253.7 529.7 667.7			129.5	·	·	187.3			45.6

Note: al: For inland open water fishery, fishing gear purchase, boat depreciation cost, etc.

Table 2.8 Crop Budget per Hectare under With Project Condition (Economic Prices) (1/2)

				(1) Wetland Paddy	ad Paddy			2	(2) Palawija Crops	rops
		(i) Exist	ing Irrigation	Scheme	(ii) Existi	(ii) Existing Drainage and Polder	and Polder	•	(Mungbeans)	ıs)
Item	Unit	Q'ty	Q'ty Price Amo (Rp.) ('000F	Amount ('000Rp)	Q'ty	Price (Rp.)	Amount ('000Rp)	Q'ty	Price (Rp.)	Amount ('000Rp)
A. Gross Income - Yield	(ton)	5.5	276,000	1,518.0	3.0	276,000	828.0	1.5	635,000	952.5
B. Production Cost 1) Farm Input - Seed	(kg)	40	330	13.2	25	330	& 63	40	760	30.4
Urea TSP KCI	(kg) (kg) (kg)	200 150 100	399 507 325	79.8 76.1 32.5	000 000 000	399 507 325	39.9 25.4 0.0	100	399	39.9 50.7
- Agro-chemical Pesticide Rodenticide	(lit.) (kg)	<b>∴</b> €	7,500 2,200	7.5	~ m	7,500	7.5	7 7	7,500 2,200	7.5
(Sub-Total)				215.7			87.6			128.5
2) Labour Requirement (m/d)	t (m/d)	200	2,100	420.0	150	2,100	315.0	105	2,100	220.5
3) Animal Power (t/d)		15	8,000	120.0	15	8,000	120.0	10	8,000	80.0
4) Miscelloneous (% of Sub-Total 1 to 3)	to 3)	ν		37.8	10		52.3	ለን		21.5
Total Production Cost				793.4			574.9			450.5
C. Net Return				724.6			253.1			502.1

Table 2.8 Crop Budget per Hectare under With Project Condition (Economic Prices) (2/2)

rear.	í , <u>, , , , , , , , , , , , , , , , , , </u>	(i) Short-Ter	(i) Short-Term Development in Alakia	opment	(ii) Medium-	(i) Medium-Term Development	velopment	(iii) Long-	(iii) Long-Term Development	opment
Abol 1.1.		Q.O.	Price (Rp.)	Amount (1000Rp)	Q'ty	Price (Rp.)	Amount (1000Rp)	Qty	Price (Rp.)	Amount (1000Rp)
A. Gross Income - Yield	(non)	0.4	0.4 7,840,000	3,136.0	1.2	1.2 7,846,000	9,408.0	2.4	2.4 7,840,000	18,816.0
B. Production Cost 1) Seed	(Unit)	25,000	7.5	187.5	50,000	7.5	375.0	100,000	7.5	750.0
2) retruizer - Urea 3) Chemicals/Others	(kg)	120	399	47.9	320	399	127.7	320	399	127.7
<ul><li>+) recaming of the compound feed</li><li>For grow-out</li><li>For nursery</li></ul>	(kg)	200	1,080	216.0	1,200	1,080	1,296.0	4,800	1,080	5,184.0
<ul> <li>Other feed</li> <li>5) Labour Requirement (m/d)</li> <li>6) Miscelloneous</li> </ul>	(p/m)	25.0	2,100	43.2 52.5 156.8	366.7	2,100	311.0 770.1 470.4	6.009	2,100	0.0 1,260.0 940.8
Total Production Cost				713.5		:	3,634.9			9,324.8
C. Net Return				2,422.5			5,773.1	:		9,491.2

Table 2.9 Estimate of Beonomic Benefit for Irrigation Project (117)

Name of Scheme	(Season)	Area Harvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Totl Prod. Cost	Net Return
		(ha)	(t/ha)	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milln.Rp.)	(Milln.Rp.)
KAB. TABALONG  1. Jano a/									
<ul> <li>WO/Project</li> </ul>	(Wet)	625	5.5	3.44	276	793,433	948.75	495.90	452.85
(Total)	(Dry)	220	5,5	1.21 4.65	276	793,433	333.96	174.56	159.40
· - W/Project	· (Wet)	625	5,5	4.05 3.44	276	793,433	1,282.71 948.75	670,45 495.90	612.20 452.85
	(Dry)	220	5.5	1.21	276	793,433	333.96	174.56	159.40
(Total)		845		4.65		120,100	1,282.71	670.45	612.26
· Incremental				0.00			0.00	0.00	0.00
2. Jaro Bawah									
<ul> <li>WO/Project</li> </ul>	· (Wet)	200	2.5	0.50	276	436,260	138.00	87.25	50.75
, craint	(Dry)	0	2.5	0.00	276	436,260	0.00	0.00	0.00
(l'otal)	(Was)	OUV		0.50			138.00	87.25	50.73
· - W/Project	(Wet)	200	5.5	1.10	276	793,433	303.60	158.69	144.91
(Fotal)	(Diy)	200 400	5.5	1.10 2.20	276	793,433	303.60 607.20	158.69 317.37	144.91 289.83
- Incremental				1.70			469.20	230.12	239.08
				1.10			-107.20	2.50.12	257.00
3. Gumba - WO/Project	(Wet)	254	3.5	0.89	276	436,260	245.36	110.81	134.55
-	(Dry)	254	3.5	0.89	276	436,260	245.36	110.81	134.55
(l'otal)				1.78		•	490.73	221.62	269.11
- W/Project	(Wet)	254	5.5	1.40	276	793,433	385.57	201.53	184.04
(Potal)	(Diy)	254 508	5.5	1.40 2.79	276	793,433	385.57 771.14	201.53 403.06	184.04 368.08
		200							
- Incremental				1.02			280.42	181.44	98.97
4. Sungai Kati - WO/Project	(Wa)	280	2.5	0.70	276	436,260	193.20	122.15	71.05
- WO/Hojaw	(Dry)	0	2.5	0.00	276	436,260	0.00	0.00	0.00
(l'otal)	(1-1))	•	2.5	0.70	2.0	7.70,200	193.20	122.15	71.05
- W/Project	(Wet)	. 280	5.5	1.54	276	793,433	425.04	222.16	202.88
	(Dry)	42	5.5	0.23	276	793,433	63.76	33.32	30,43
(l'otal)		322		1.77			488.80	255.49	233.31
- Incremental				1.07			295.60	133.33	162.26
5. Namun								25.02	
<ul> <li>WO/Project</li> </ul>	(Wci)	64	2.5	0.16	276	436,260	44.16	27.92	16.24
<b>6</b> 11 - 13	(Diy)	0	2.5	0.00	276	436,260	0.00 44.16	0.00 27.92	0.00 16.24
(l'otal)	0V-1			0.16 0.35	276	793,433	97.15	50.78	46.37
- W/Project	(Wet)	64 22	5.5 5.5	0.33	276	793,433	33.40	17.46	15.94
(l'otal)	(Dry)	86	3.3	0.47	270	795,100	130.55	68.24	62,31
- Incomental				0.31			86.39	40.32	46.07
6. Kinarum									
- WO/Project	(Wet)	408	2.5	1.02	276	436,260	281.52	177.99	103.53
- II C/I I G/CC	(Dry)	Ö	2.5	0.00	276	436,260	0.00	0.00	0,00
(Total)	(,)		_	1.02			281.52	177.99	103.53
- W/Project	(Wet)	408	5.5	2.24	276	793,433	619.34	323.72	295.62
•	(Dry)	408	5.5	2.24 4.49	276	793,433	619.34 1,238.69	323.72 647.44	295.62 591.25
(Total)		816							
- Incremental				3.47			957.17	469.45	487.72
7. Mihim	AU A	202	2.5	0.51	276	436,260	140.07	88,56	51.51
- WO/Project	(Wet)	203	2.5 2.5	0.00	276	436,260	0.00	0.00	0.00
£11 41	(Dry)	O	<b>4.</b> 3	0.51	210		140.07	88.56	51.51
(l'otal)	(Wet)	203	5.5	1.12	276	793,433	308.15	161.07	147.09
- W/Project		203	5.5	1.12	276	793,433	308.15	161.07	147.09
(l'otal)	(Dry)	406	٠	2.23	2.0	•	616.31	322.13	294.1
T				1.73			476.24	233.57	242.67
- Incomenial				1.73			*****		

a/: Jaro scheme has already achieved the target yield.

Table 2.9 Estimate of Recommic Benefit for Irrigation Project (2//)

	Name of Scheme	(Season)	Area Harvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs Prod. Value	Toll Prod. Cost	Net Return
			(ha)	(Vlis)	('000 ton).	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milla.Rp.)	(Milla.Rp.)
8.	Batupulut							444.4		
	- WO/Project	(Wet)	225	2.5	0.56	276 276	436,260	155.25	98,16 0.00	57.09
	(l'otal)	(Dıy)	. 0	2.5	0,00 0.56	210	436,260	155.25	98.16	0.00 57.09
	- W/Project	(Wet)	225	5.5	1.24	276	793,433	341.55	178.52	163.03
		(Dry)	162	5.5	0.89	276	793,433	245.92	128.54	117.38
	(Total)		387		2.13			587.47	307.06	280.41
	- Incremental				1.57			432.22	208.90	223.32
9.	Bilas									
	- WO/Project	(Wet)	643	2.5	1.61	276	436,260	443.67	480.52	163.15
	* 20-1-1V	(Dry)	0	2.5	0.00 1.61	276	436,260	0.00 443.67	0.00 280.52	0.00 163.15
	(Total) - W/Project	(Wet)	643	5.5	3.54	276	793,433	976.07	510.18	465.90
	- Willioper	(Dry)	613	5.5	3,54	276	793,433	976.07	510.18	
	(Total)	(,,,	1286		7.07			1,952.15	1,020.35	931.79
	- Incremental				5.47			1,508.48	739.84	768.64
10	Banyu Tajun									
117.	- WO/Project	(Wet)	750	2.5	1.88	276	436,260	517.50	327,20	190.31
	***************************************	(Diy)	0	2.5	0.00	276	436,260	0.00	0.00	0.00
	(l'otal)				1.88			517.50	327.20	190.31
•	- W/Project	(Wet)	750	5.5	4.13	276 276	793,433	1,138.50 1,138.50	595.07 595.07	543.43 543.43
	(Fotal)	(Dry)	750 ° 1500	5.5	4.13 8.25	210	793,433	2,277.00	1,190.15	1,086.85
			1500		6.38			1,759.50		896.55
	- Incremental				6.38			1,739.30	602.73	030.33
	B. HULU SUNGA Paran	I UTARA								
٠.	- WO/Project	(Wet)	188	3.5	0.66	276	436,260	181.61	82.02	99.59
	,,	(Dıy)	188	3.5	0.66	276	436,260	181,61	82.02	99.59
	(l'otal)				1.32		200 100	363.22	164.03	199.18
	- W/Project	(We1)	188 188	5.5 5.5	1.03 1.03	276 276	793,433 793,433	285.38 285.38	149.17 149.17	136.22 136.22
	(fotal)	(Dry)	376	3.3	2.07	210	775755	570.77	298.33	272.44
	- Incremental				0.75			207.55	134.30	73.26
2.	Tundakan									
	- WO/Project	(Wet)	233	3.5	0.82	276	436,260	225.08	101.65	123.43
		(Dry)	79	3.5	0.28	276	436,260	76.31	34.46	41.85
	(fotal)	1			1.09	077.6	100 400	301.39	136.11	165.28
	- W/Project	(Wet)	233 79	5.5 5.5	1.28 0.43	276 276	793,433 793,433	353.69 119.92	184.87 62.68	168.82 57.24
	(Fotal)	(Dry)	312	J.J	1.72	210	12.7,1.23	473.62	247.55	226.07
	- Incornental				0.62			172.22	111.44	60.79
					0.02					
3.	Suapin	(Wet)	116	3.5	0.41	276	436,260	112.06	50.61	61.45
	WO/Project	(Wei) (Dry)	40	3.5	0.14	276	436,260			
	(Total)	(21)	-,0	.,,,,	0.55			150.70		82.64
	- W/Project	(Wei)		5.5	0.64	216	793,433			
	(Total)	(Dry)	40 156	5.5	0.22 0.86	276	793,433	60.72 236.81		
	· Incremental				0.31			86.11	55.72	30.29
					0.,,1					
4.	Lok Batu	(Wet)	116	3.5	0.41	216	436,260	112.06	50.61	61.45
	- WO/Project	(Dry)	40	3.5	0.14	2/6	436,260		17.45	21.19
	(Total)	(***)	.,	J.J	0.55		-	150.70	68.06	82.64
	- W/Project	(Wet)	116	5.5	0.64	2/6	793,433			
	•	(D <sub>1</sub> y)	40	5.5	0.22	276	793,433	60.72		
	(lato'l)		156		0.86			236.81		
	- Incremental				0.31			86.11	55.72	30.39

Table 2.9 Estimate of Economic Benefit for Irrigation Project (3/7)

	Name of Scheme	(Scason)	Area Harvested	Yield	Proxhiction	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Totl.Prod.	Net Return
			(ha)	(t/lia)	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)		(Milln.Rp.)
5.	Balangan									
	- WO/Project	(Wet)	2,172	2.5	5.43	276	436,260	1,498.68	947,56	551.12
	(fotal)	(Dry)	0	2.5	0.00	276	436,260	0.00	0.00	0.00
	- W/Project	(Wet)	2,172	5.5	5.43 11.95	276	793,433	1,498.68	947.56	551.12
		(Dry)	2,172	5.5	11.95	276	793,433	3,297.10 3,297.10	1,723.34 1,723,34	1,573.76 1,573.76
	(l'otal)		4,344		23.89		170,125	6,594.19	3,446.67	3,147.52
	- Incremental				18.46			5,095.51	2,499.11	2,596.40
6.	Pitap									
	- WO/Project	(Wet)	3,734	1.5	5.60	276	284,460	1,545.88	1,052,17	483,70
	PD	(Dry)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
	(fotal)				5.60			1,545.88	1,062.17	483.70
	- W/Project	(Wet)	3,734	5.5	20.54	276	793,433	5,668.21	2,962,68	2,705.53
	(l'otal)	(Dry)	3,734 7,468	5.5	20.54	276	793,433	5,668.21	2,962.68	2,705.53
	(Total)		1,400		41.07			11,336.42	5,925.36	5,411.07
	- Incremental				35.47			9,790.55	4,863.18	4,927.36
	AB, HULU SUNGA Talang	I TENGA	Hi							•
	- WO/Project	(Wa)	165	3.5	0,58	276	436,260	159.39	71.98	87.41
		(Dry)	165	3.5	0.58	276	436,260	159.39	71.98	87.41
	(Total)				1.16		ŕ	318.78	143.97	174.81
	- W/Project	(Wet)	165	5.5	0.91	276	793,433	250.47	130.92	119.55
	(Total)	(Dry)	137 302	5.5	0.75 1.66	276	793,433	207.00	108.70	98.30
	- Incremental		.7076					457.47	239.62	217.85
					0.50			138.69	95.65	43.04
2.	Tapuk - WO/Project	(Wet)	186	3.5	0.45	000	407.070	150.40		
	- WOM TOJOCE	(Dry)	186	3.5	0.65 0.65	276 276	436,260 436,260	179.68 179.68	81.14	98.53
	(Total)	(Dij)	100	3.3	1.30	210	4.50,200	359.35	81,14 162,29	98.53 197.06
	- W/Project	(Wet)	186	5.5	1.02	276	793,433	282.35	147.58	134.77
	-	(Dry)	186	5.5	1.02	276	793,433	282.35	147.58	134.70
	(Total)		372		2.05			564.70	295.16	269.54
	- Incremental				0.74			205.34	132.87	72.48
3.	Tamiyang	1			#^					
	- WO/Project	(Wet)	166	3.5	0.58	276	436,260	160.36	72.42	87.94
	(fotal)	(Dry)	164	3.5	0.57 1.16	276	436,260	158.42 318.78	71.55 143.97	86.88 174.81
	- W/Project	(Wet)	166	5.5	0.91	276	793,433	251.99	131.71	120.28
	nn rojeci	(Dry)	164	5.5	0.90	2/6	793,433	248.95	130.12	118.83
	(l'otal)	(,/	330	0.0	1.82	2.0	.,,,,,,,	500.94	261.83	239.11
	- Incremental				0.66			182.16	117.87	64.29
,	Davik Hausana									
4.	Baruh Hawang - WO/Project	(Wet)	160	3.5	0.56	276	436,260	154.56	69.80	84.76
	· West toject	(Diy)	160	3.5	0.56	276	436,260	154.56	69.80	84.76
	(Total)	(1.77)			1.12		•	309.12	139.60	169.52
	- W/Project	(Wet)	160	5.5	0.88	276	793,433	242.88	261.95	115.93
	·	(Dry)	160	5.5	0.88	276	793,433	242.88	126.95	115.93
	(l'otal)		320		1.76			485.76	253,90	231.86
	- Incremental				0.64			176.64	114.30	62.34
5.	Intangan									
	- WO/Project	(Wet)	920	4.0	3.68	276	436,260	1,015.68	401.36	614.32
		(Dry)	437	4.0	1.75	2/6	436,260	482.45	190.65	291.80
	(Fotal)				5.43		700 404	1,498.13	592.00	906.12
	- W/Project	(Wet)	920	5.5	5.06	276	793,433	1,396.56	729.96	666.60
	-	(Dry)	437	5.5	2.40	276	793,433	663.37 2,059.93	346.73 1,076.69	316.64 983.24
	(Total)		1,357		7.46			£,0.17.73	-	703.24
					2.04			561.80	484.68	77.11

Table 2.9 listimate of Reconomic Benefit for Inigation Project (4/1)

			Area	Yield	Production	Unit Price	Unit.Prod.	Gis.Prod.		Net Return
	Name of Scheme	(Season)	Harvested (ha)	(t/hs)	('000 ton)	(Rp./kg)	Cost (Rp./hn)	Value (Milln.Rp.)	Cost (Milln.Rp.)	(Milla.Rp.)
6.	Kahakan									
٠.	- WO/Project	(Wet)	633	4.0	2.53	276	436,260	698.83	276.15	
	<b>71.</b> . 45	(D <sub>i</sub> y)	301	4.0	1,20	276	436,260	332,30 1,031,14	131.31	200.99
	(Total) W/Project	(Wet)	633	5.5	3,74 3,48	276	793,433	960.89	407.47 502.24	623.67 458.65
	- wyrtoject	(Mct) (Dty)	301	5.5	1,66	276	793,433	456.92	238.82	218.09
	(l'otal)	(24,1)	934		5,14		•	1,417.81	741.07	676.75
	- Incremental				1.40			386.68	333.60	53.08
7	Mongunang									, ,
•	- WO/Project	(Wet)	515	3.5	1.80	276	436,260	497.49	224.67	
	415 - 51	(Dry)	515	3.5	1.80	276	436,260	497.49	224.67	272.82
	(Total)	AV)	515	5.5	3,61 2,83	276	793,433	994.98 781.77	449.35 408.62	545.63 373.15
	- W/Project	(Wet) (Dry)	-515	5.5	2.83	276	793,433	781.77	408.62	373.15
	(fetal)	(12137	1,030	.,.5	5.67		1.21.	1,563.54	817.24	746.30
	- Incremental				2.06			568.56	367.89	200.67
8.	Hamiyan Dayak								;	
٠.	- WO/Project	(Wet)	1,486	4.0	5.94	276	436,260	1,640.54	648.28	992.26
	•	(Dry)	1,486	4.0	5.94	296	436,260	1,640.54	618.28	992.26
	(Total)	01/ A	. 400		11.89	200	702 422	3,281.09	1,296.56	1,984.52
•	- W/Project	(Wet) (Dry)	1,486 1,486	5.5 5,5	8.17 8.17	276 276	793,433 793,433	2,255.75 2,255.75	1,179.04 1,179.04	1,076.71 1,076.71
	(Total)	(Diy)	2,972	3,.3	16.35	210	770,400	4,511.50	2,358.08	2,153.41
	- Incremental				4.46			1,230.41	1,061.52	168.89
9.	Batang Alai									
	- WO/Project	(Wet)	6,223	1.5	9.33	276	284,460	2,576.32	1,770.19	806.13
	<b></b>	(Dry)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
	(l'otal) - W/Project	Mars	6,223	z 5	9.33 32.23	276	793,433	2,576.32 9,446.51	1,770.19 4,937.53	806.13 4,508.98
	- w/r toject	(Wet) (Dry)	6,223	5.5 5.5	34.23	276	793,433	9,446.51	4,937.53	4,508,98
	(l'otal)	(121)	12,446		68.45	2.0	1,51,7122	18,893.03	9,875.07	9,017.96
	- Incremental				59.12			16,316.71	8,104.87	8,211.83
10.	. Barabai									
	- WO/Project	(Wet)	2,278	t.5	3.42	276	284,460	943.09	648.00	295.09
	<b>b</b> 11	(Dry)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
	(l'otal)	AV	0.000		3.42 12.53	276	793,433	943.09	648.00 1,807.44	295.09 1,650.56
	- W/Project	(Wei) (Dry)	2,278 2,278	5.5 5.5	12.53	276 276	793,433	3,458.00 3,458.00	1,807.44	1,650.56
	(Total)	(*/1)/	4,556	.,,2	25.06	210	7,51,105	6,916.01	3,614.88	3,301.13
	- Incremental				21.64			5,972.92	2,966.88	3,006.04
v.	B. HULU SUNGA	T OUT ATCA	. N							•
1.	Telaga Langsat	I SELMIN	X IX							
•	- WO/Project	(Wei)	1,534	4.0	6.14	276	436,260	1,693.54	669.22	1,024,31
		(Đry)	487	4.0	1.95	276	436,260	537.65	212.46	325.19
	(Total)				8.08			2,231.18	881,68	1,349.50
	- W/Project	(Wei)	1,534	5.5	8.44	276	793,433	2,328.61	1,217.13 386.40	1,111.49 352.86
	(l'otal)	(Dry)	487 2,021	5.5	2.68 11.12	276	793,433	739.27 3,067.88	1,603.53	1,464.35
	- Incremental		•		3.03			836.69	721.85	114.85
2.	Tayub									
. ·	- WO/I'micct	(Wet)	178	3.5	0.62	276	436,260	171.95	77.65	94.29
	•	(Diy)	57	3.5	0.20	276	436,260	55.06	24.87	30.20
	([otal)	•			0.82			227.01	102.52	124.49
	<ul> <li>W/Project</li> </ul>	(Wet)	178	5.5	0.98	276	793,433	270.20	141.23	128.97 41.30
	(i'otal)	(Dry)	57 235	5.5	0.31 1.29	276	793,433	86.53 356.73	45.23 186.46	170.27
	- Incremental				0.47			129.72	83.94	45.78
					0.47			167.14	ロン・ブリ	10,10

Table 2.9 Estimate of Economic Benefit for Irrigation Project (5/1)

	Name of Scheme	(Season)	Area Harvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Toll.Prod. Cost	Net Return
			(ha)	(1/ha)	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milln.Rp.)	(Milln.Rp.)
3.	Nunungin									ů.
	- WO/Project	(Wet)	36	3.5	0.13	276	436,260	34,78	15.71	19.07
	· man	(Dry)	li	3.5	0.04	276	436,260	10.63	4,80	5.83
	(Total) - W/Project		10		0.16			45.40	20.50	24.90
	· war toject	(Wet) (Dıy)	36 11	5.5	0.20	276	793,433	54.65	28.56	26.08
	(l'otal)	(toty)	47	5.5	0.06	276	793,433	16.70	8.73	7.97
	•		-11		0.26			71.35	37.29	34.05
	- Incremental				0.09			25.94	16.79	9.16
4.	Kuangan									
	- WO/Project	(Wet)	143	3.5	0.50	276	436,260	138.14	62.39	75.75
	(Total)	(Dry)	45	3.5	0.16	276	436,260	43.47	19.63	23.84
	- W/Project	(Wet)	143		0.66	207	500 450	181.61	82.02	99.59
	· war roject	(Dry)	45	5.5 5.5	0.79	276	793,433	217.07	113.46	103.61
	(fotal)	(Diy)	881	3.3	0.25 1.03	276	793,433	68.31	35.70	32.61
	•	•	100					285.38	149.17	136.22
	- Incremental				0.38			103.78	67.15	36.63
5.										
	<ul> <li>WO/Project</li> </ul>	(Wet)	214	3.5	0.75	276	436,260	206.72	93.36	113.36
		(Dry)	68	3.5	0.24	276	436,260	65.69	29.67	36.02
•	(Total)				0.99			272.41	123.03	149.39
	<ul> <li>W/Project</li> </ul>	(Wa)	214	5.5	1.18	276	793,433	324.85	169.79	155.06
	*** ·	(Dry)	68	5.5	0.37	276	793,433	103.22	53.95	49.27
	(Total)		282		1.55			428.08	223.75	204.33
	- Incremental				0.56			155.66	100.72	54.94
6.	Hawatu									•
	- WO/Project	(Wct)	71	3.5	0.25	276	436,260	68.59	30.97	37.61
		(Dry)	23	3.5	0.08	276	436,260	22.22	10.03	12.18
	(Total)	` .			0.33			90.80	41.01	49.80
	<ul> <li>W/Project</li> </ul>	(Wet)	71	5.5	0.39	276	793,433	107.78	56.33	51.44
		(Dry)	23	5.5	0.13	276	793,433	34.91	18.25	16.67
	(Total)		94		0.52			142.69	74.58	68.11
	- Incremental				0.19			51.89	33.57	18.31
7	'l'aal									
٠.	- WO/Project	(Wci)	107	3,5	0,37	276	436,260	103.36	46.68	56.68
	- WOM tojett	(Diy)	34	3.5	0.12	276	436,260	32.84	14.83	18.01
	(Fotal)	(,,,,,			0.49		,	136.21	61.51	74.69
	- W/Project	(Wet)	107	5.5	0.59	276	793,433	162.43	84.90	77.53
		(Dıy)	34	5.5	0.19	276	793,433	51.61	26.98	24.64
	(Total)	<b>(,,</b>	141		0.78			214.04	111.87	102.16
	- Incremental				0.28			77.83	50.36	27.47
o	ĭa									
8.	Jarau - WO/Project	(Wct)	143	4.0	0.57	276	436,260	157.87	62.39	95.49
	- wo/Project	(Dry)	45	4.0	0.18	276	436,260	49.68	19.63	30.05
	(i'otal)	(Diy)	43	7.0	0.75		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	207.55	82.02	125.54
	- W/Project	(Wet)	143	5.5	0.79	276	793,433	217.07	113.46	103.61
	- 11/1 lojaci	(Dry)	45	5.5	0.25	276	793,433	68.31	35.70	32.61
	(l'otal)	(0.37	188	().25	1.03		•	285.38	149.17	136.22
	- Incremental				0.28			77.83	67.15	10.68
c	Varia Habana									
у.	Kayu Habang - WO/Project	(Wei)	0	2.5	0.00	276	436,260	0.00	0.00	0.00
	- worrogen	(Diy)	ŏ	2.5	0.00	276	436,260	0.00	0,00	0.00
	(Total)	(1713)	•	2.0	0.00		•	0.00	0.00	0.00
	- W/Project	(Wet)	347	5.5	1.91	276	793,433	526.75	275.32	251.42
	11/1 lojan	(Dry)	147	5.5	0.81	276	793,433	223.15	116.63	106.51
	(Total)	(1213)	494	J.=	2.72		•	749.89	391.96	357.94
	- Incremental				2.72			749.89	391.96	357.94

Table 2.9 Estimate of Economic Benefit for Irrigation Project (6//)

Name of Scheme	/Saucon)	Arca Harvested	Yield	Production.	Unit Price	Unit.Prod. Cost	Grs.Prod. Valuo	Totl.Prod. Cost	Net Return
Trante of Scheme	(Genseil)	(ha)	(t/ha)	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milln.Rp.)	(Milln.Rp.)
10. Amandit					071	201.450			·
<ul> <li>WO/Project</li> </ul>	(Wei)	6,432 0	1.5 1.5	9,65 · 0,00	276 276	284,460 284,460	2,662.85	1,829.65 0.00	833,20 0.00
(Total)	(Dry)	U	1.5	9.65	210	204,400	2,662.85	1,829.65	833.20
- W/Project	(Wet)	6,432	5,5	35,38	276	793,433	9,763.78	5,103.36	4,660.41
*	(Dry)	5,393	5,5	29,66	276	793,433	8,186,57	4,278.98	3,907.59
· (Total)		11,825		65.04			17,950.35	9,382.35	8,568.00
- Incremental				55.39			15,287.50	7,552.70	7,734.80
KAB. TAPIN									
<ol> <li>Lok Paikat .</li> <li>WO/Project</li> </ol>	(Wei)	392	4.0	1.57	276	436,260	432.77	171.01	261.75
- nanojea	(Dry)	125	4.0	0.50	276	436,260	138.00	54.53	83,47
(Total)				2.07		· ·	570.77	225.55	345.22
- W/Project	(Wet)	392	5.5.	2.16	276	793,433	595.06	311.03	284.03
	(Dry)	125	5.5	0.69	276	793,433	189.75	99.18	90.57
(lotal)		517		2.84			784.81	410.20	374.60
- Incremental				0.78			214.04	184.66	29.38
2. Pampain	<b>037.</b> A	404	2 5	1 0 7	076	106.060	070 64	121.01	200.44
- WO/Project	(Wet) (Dry)	392 125	3.5 3.5	1.37 0.44	276 276	436,260 436,260	378.67 120.75	171.01 54.53	207,66 66.22
(i'otal)	(V)	12	3,.,	1.81	270	130,200	499.42	225.55	273.88
- W/Project	(Wei)	392	5.5	2.16	276	793,433	595.06	311.03	284.03
	(Dry)	125	5.5	0.69	276	793,433	189.75	99.18	90.57
(Total)		517		2.84			784.81	410.20	374.60
· Incremental				1.03			285,38	184.66	100.73
3. Nupadang									
- WO/I/roject	(Wet)	253	4.0	1.01	276	436,260	279.31	110.37	168.94
(Postal)	(Dry)	91	4.0	0.36 1.38	276	436,260	100.46 379.78	39.70 150.07	60.76 229.70
(Fotal) - W/Project	(Wa)	253	5,5	1.39	276	793,433	384.05	200.74	183.32
772 103200	(Dry)	91	5.5	0.50	276	793,433	138.14	72.20	65.94
(fotal)		344		1.89		·	522.19	272.94	249.25
- Incremental				0.52			142.42	122.87	19.55
4. Tatakan									
- WO/Project	(Wei)	99	3.5	0.35	276	436,260	95.63	43.19	52.44
Classi	(Dry)	34	3.5	0.12 0.47	276	436,260	32.84 128.48	14.83 58.02	18.01 70.46
(l'otal) - W/Project	(Wet)	99	5.5	0.54	276	793,433	150.28	78.55	71.73
11/110/021	(D <sub>1</sub> y)	34	5.5	0.19	276	793,433	51.61	26.98	24.64
(l'otal)		133		0.73			201.89	105.53	96.37
- Incremental				0.27			73.42	47.50	25.91
5. Pulau Pinang									
<ul> <li>WO/Project</li> </ul>	(Wet)	270	3.5	0.95	276	436,260	260.82	117.79	143.03
#14 m	(Dry)	102	3.5	0.36	276	436,260	98.53	44.50	54.03
(l'otal)	AIL.A	270		1,30 1,49	276	793,433	359.35 409.86	162.29 214.23	197.06 195.63
- W/Project	(Wet) (Dry)	102	5.5 5.5	0.56	276	793,433	154.84	80.93	73.91
(Total)	(10,5)	372	3.5	2.05	21.5	7,00,100	564.70	295.16	269.54
- Incremental				0.74			205.34	132.87	72.48
6. Rampanang									
- WO/Project	(Wet)	146	4.0	0.58	276	436,260	161.18	63.69	97.49
	(Dry)	136	4.0	0.54	276	436,260	150.14	59.33	90.81
(Total)	AV. 3	1.44		I.13	276	793,433	311.33 221.63	123.03 115.84	188.30 105.79
- W/Project	(Wet) (Diy)	146 136	5.5 5.5	0.80 0.75	276 276	793,433	206.45	107.91	98.54
(Total)	(1,13)	282	3.3	1.55	210	173,433	428.08	223.75	204.33
- Incremental				0.42			116.75	100.72	16.03

Table 2.9 Estimate of Economic Benefit for Irrigation Project (7/1)

	Name of Scheme	(Season)	Area Harvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Totl.Prod.	Net Return
			(ha)	(t/ha)	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milln.Rp.)	(Milln.Rp.)
7,	Binuang									
′`	- WO/Project	(315-4)	1 100					•		•
	- wearinged	(Wet)	1,106	4.0	4.42	276	436,260	1,221.02	482.50	738.52
	6P-1.1V	(Dty)	351	4.0	1.40	276	436,260	387.50	153.13	234.38
	(lotal)				5.83			1,608.53	635.63	972.90
	- W/Project	(Wet)	1,106	5.5	6.08	276	793,433	1,678.91	877.54	801.37
	## IS	(D <sub>i</sub> y)		5.5	1.93	276	793,433	532.82	278.49	254.32
	(l'otal)		1,457		8.01			2,211.73	1,156.03	1,055.69
	- Incremental				2.19			603.20	520.40	82,80
8.	Tapin									
	- WO/Project	(Wet)	3,228	1.5	4,84	276	284,460	1,336,39	918.24	418,16
	. ,	(Dry)	0,200	1.5	0.00	276	284,460	0.00	0.00	0.00
	(Total)	(,,,	ŭ		4.84	210	201,100	1.336.39	918.24	418.16
	- W/Project	(Wct)	5,328	5.5	29.30	276	793,433	8.087.90	4,227.41	3,860.49
	.,	(Dry)	3,452	5.5	18.99	276	793,433	5,240.14	2,738.93	2,501.21
	(Total)	(0.5)	8,780	5.5	48.29	210	175,455	13,328.04	6,966.34	6,361.70
	- Incremental				43.45			11,991.65	6,048.10	5,943.54
9.	Labuhan									
	- WO/Project	(Wet)	300	2.5	0.75	276	436,260	207.00	130.88	76.12
	0/1 10/000	(Dry)	0	2.5	0.00	276	436,260	0.00	0.00	0.00
	(Total)	(1713)	v	2.3	0.00	210	430,200	207.00	130.88	76.12
	- W/Project	(Wet)	300	5.5	1.65	276	793,433	455.40	238.03	217.37
	11/1 Tojace	(Net) (Dry)	159	5.5	0.87	276		241.36	126.16	115.21
	(Total)	(DIY)	459	.33	2.52	276	793,433	696.76	364.19	332.58
	- Incremental				1.77			489.76	233.31	256.45

Table 2.10 Listimate of Economic Benefit for Drainage Project (1/13)

Name of Scheme/	Cens	Area Ilavested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Toil.Prod. Cost	Net Return
(Season)	Ссор	(ha)	(t/ta)	(000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milln.Rp.)	(Milln.Rp.)
KAB, TAGALONG						•			
1. S.Gampa - WO/Project								•	
(Wet)	Wet Paddy	0	1-50	0,00	276	284,460	0.00	0.00	0.00
\y	Palawija	. 0	0.50	0,00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Packly	1,338	1.50	2.01	276	284,460	553.93	380.61	173.32
	Palawija	0	0.50	0,00	635	130,200	0.00	0.00	0.00
	Wei Packty	1,338		2.01			553.93	380.61	173.32
	) Palawija	0		0,00			0.00	0.00	0.00
··W(P) Type D . (Wet)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.00
(act)	Polavija	ŏ	1.50	0,00	635	450,450	0.00	0.00	0.00
(Dry)	Wei Paddy	1,403	3.00	4.21	276	574,860	1,162,02	806.76	355.26
•	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.00
	Wet Paddy	1,403		4.21			1,162.02	806.76	355.26
	Palawija	. 0		0.00			0.00	0.00	0.00
- Incremental Benefit	Wet Packly			2.20			608.08	426.15	181.93
	Palawija			0.00			0.00	0.00	0.00
	Total						608.08	426.15	181.93
2. S.Rampang									
- WO/Project				_					
(Wei)	Wet Packly	535	1.50	0.80	276	284,460	221.57	152.24	69.33
45.	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Packty Palawija	0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00 0.00	0.00 0.00	00.0 00.0
Cintal	Wet Packly	\$35	0.50	0.80	10.03	130,200	221.57	152.24	69.33
	) Palawija	0		0.00			0.00	0.00	0.00
- W/P Type B		•						-1.00	0.44
(Wei)	Wet Packly	565	3.00	1.69	276	574,860	467.59	324,63	142.95
	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.00
(Dry)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.00
ant - h	Palawija	565	1.50	0.85	635	450,450	537.90	254.38	283.52
	Wet Paddy	565 565		1.69 0.85			467.59 537.90	324,63 254,38	142.95 283.52
- Incremental Benefit	) Palewija	303		0,0.3			337.30	۵۲,۷۰۵	203.2%
- ANADIOCINAL EXCENTE	Wet Packiy			0.89			246.02	172.39	73.62
	Palawija			0.85			537.90	254.38	283.52
	Total						783.91	426.77	357.14
3. S.Palist									
WO/Project									
(Wei)	Wet Packly	424	1.50	0.64	276	284,460	175.37	120.50	54.87
(15.43)	Palawija	0 0	0,50	0.00	635	130,200	0.00	0.00 0.00	0.00
(Dry)	Wet Packly Palawija	0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00	0.00	0.00 0.00
Circust	Wet Paddy	424	17.54	0.64	ررن	150,200	175.37	120.50	54.87
	Palawija	o		0.00			0.00	0.00	0.00
- W/P Type D	•								
(Wel)	Wet Packly	444	3.00	1.33	276	574,860	368.03	255.51	112.52
	Palawija	Ů,	1.50	0.00	635	450,450	0.00	0.00	0.00
(Dry)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.00 223.15
Crain V	Palawija Was Varblu	414 444	1.50	0.67 1.33	635	450,450	423.37 368.03	200.22 255.51	112.52
	) Wet Packly Palawija	444		0.67			423.37	200.22	223.15
- Incremental Benefit		-r-14***		0.01			100101	the Asime.	p
	Wet Paddy			0.70			192.66	135.02	57.64
	Palawija Total			0.67			423.37 616.03	200.22 335.23	223.15 280.79
	10701							25,25	
4. S.Pimping - WO/Project									
(Wet)	Wet Paddy	134	1.50	0.20	276	284,460	55.39	38.06	17.33
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Packly	0	1.50	0.00	276	284,460	0.00	0.00	0.00
and	Pelawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	Wet Paddy	134		0.20			55.39 0.00	38.0G 0.00	17.33 0.00
- W/P Type D	Palawija -	0		0.00			0.00	0.00	0.00
(Wet)	Wei Packly	140	3.00	0.42	276	574,860	116.20	80.68	35.53
	Palawija	140	1.50	0.00	635	450,450	0.00	0.00	0.00
(Dry)	Wet Packly	ő	3.00	0.00	276	574,860	0.00	0.00	0.00
	Palawija	140	1.50	0.21	635	450,450	133.67	63.22	70.46
	Wet Packly	140		0.42			116.20	80.68	35.53
	Palawija 🐪	140		0.21			133,67	63.22	70.46
- Incremental Benefit	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			6.60			ZA 01	42.62	18.19
	Wet Parkly			0.22			60.81	42.62 63.22	70.46
	l'alawija			0.21			133.67 194.48	105.83	88.65
	Total								

Table 2.10 Itstimate of Economic Benefit for Drainage Project (2/13)

Name of Scheme/ (Season)	Crop	Area Harvested	Yield	Production		Unit Prod. Cost	Grs.Prod. Value	Totl Frod. Cost	Net Rev
سدهود بخسسيس سفي يبقد بمسوي		(ha)	(t/ha)	('000 ton)	(Rp./kg)	(Rp./hs)	(Milln.Rp.)	(Milln.Rp.)	(Milln.R
. S.Bintoro									
- WO/Project (Wet)	Was Dadde	00	4						
(1100)	Wet Packly Palawija	89 0	1.50	0.13	276	284,460	36.93	25.37	11
(Dry)	Wet Packly	Ô	0.50 1.50	0.00 0.00	635 276	130,200	0.00	0.00	0.0
	Palawija	ő	0.50	0.00	635	284,460 130,200	0.00 0.00	0.00 0.00	0,0 0.0
	l) Wet Paddy	89		0.13	055	(JO <sub>1</sub> Z)A)	36.93	25.37	11.
(Tota) W/PType D	l) Palawija	0		0.00			0.00	0.00	Ô.
(Wei)	Wet Paddy	0.1	2.00						
(,	Palawija	94 0	3.00 1.50	0.28	276	574,860	77.47	53.78	23.
(Dry)	Wet Packly	ő	3.00	0.00 0.00	635 276	450,450 574,860	0,00	0.00	0.
	Palawija	94	1.50	0.14	635	450,450	0.00 89.12	0.00 42.14	0, 46.
(Tota)	i) Wet Paddy	94		0.28		150,150	77.47	53.78	23.
	l) Palawija	94		0.14			89.12	42.14	46.
Incremental Benefit	NII . 15 . 1								
	Wet Packty Palawija			0,15 0.14			40.54 89.12	28.41 42.14	12. 46.
	Total						129,65	70.55	59.
S.Nanti									
WO/Project									•
(Wer)	Wet Packly	178	1.50	0.27	276	284,460	73.86	50.75	23.
(1)>	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.
(Dry)	Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0
Closu	Pulawija I) Wet Paddy	0 178	0.50	0.00	635	130,200	0.00	0.00	0.
(l'otal	i) Weerausy I) Palawija	0		0.27 0.00			73.86 0.00	50,75 0,00	23. 0
W/PType D		·		V.00			0.00	17,171	U
(Wet)	Wet Paddy	187	3.00	0.56	276	574,860	154.94	107.57	47.
	l'alawija	0	1.50	0.00	635 -			0,00	0
(Dry)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.
<b></b>	Palawija	187	1.50	0.28	635	450,450	178.23	84.29	93
	l) Wet Packly	187		0.56			154.94	107.57	47.
Incremental Benefit	l) Palawija	187		0.28			178.23	84.29	93.
meterikina ijenan	Wet Packly			0.29			81.08	56.82	24.
	Palewija			0.28			178.23	84.29	93
	Total						259.31	141.11	118
. Tamunti									
WO/Project									
(Wei)	Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0
•	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0
(Dry)	Wet Paddy	150	1.50	0.23	276	284,460	62.10	42.67	19
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0
	l) Wet Packly	150		0.23			62.10 0.00	42.67	19
WAP Type H	i) Palswija	U		0.00			0.00	0.00	0
(Wei)	Wet Paddiy	140	3.00	0.42	276	574,860	116.20	80.68	35
(1701)	Palawija	0	1,50	0.00	635	450,450	0.00	0.00	0
(Dry)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0
. ,,	Painwiju	140	1.50	0.21	635	450,450	133.67	63.22	70
	l) Wet Packly	140		0.42			116.20	80.68	35
	i) Palawija	140		0.21			133.67	63.22	70
Incremental Benefit				0.20			54.10	38.01	16
	Wet Packly			0.20			133.67	63.22	70
	Palawija Total			0.21			187.78	101.22	86.
D- 122									
Bangkiling									
<i>WO/Itojo</i> rt (Wei)	Wet Packly	n	1.50	0.00	276	284,460	0.00	0.00	0
(1164)	Palawija	ő	0.50	0.00	635	130,200	0.00	0.00	0
(Dry)	Wet Paddy	400	1.50	0.60	276	284,460	165.60	113.78	51
	Polawija	0	0.50	0.00	635	130,200	0.00	0.00	0.
	l) Wet Paddy	400		0.60			165.60	113.78	51
	l) Palawija	0		0.00			0.00	0.00	0
W/P Type B	Was D. 11	771	2 00	1 12	276	574,860	309.87	215.14	94.
(Wel)	Wet Paddy	374	3.00 1.50	1.12 0.00	635	450,450	0.00	0.00	0
(D-A	Palawija Was Pasidu	0	3.00	0.00	276	574,860	0.00	0.00	ŏ
(Dry)	Wet Paddy Palawija	374	1.50	0.56	635	450,450	356.46	168.58	187.
Class	Pantwija I) Wet Pad∗iy	374		1.12		•	309.87	215.14	94.
	l) Palawija	374		0.56			356.46	168.58	187
Incremental Benefit							411 45	101.05	
	Wet Paddy			0.52			144.27	101.35	42.
	Palawija			0.56			356.46	168.58	187. 230.
	Total						500.73	269.93	2.317

Table 2.10 Estimate of Economic Benefit for Drainage Project (3/13)

Name of Scho (Season)	eme/ Crop	Area Harvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Totl.Prod. Cost	Net Return
. Cocosur	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	(ha)	(t/ha)	('000 ton)	(Rp./kg)	(Rp./In)	(Milln.Rp.)	(Milla Rp.)	(Milln.Rp.)
9. Pulau Kuu									
<ul> <li>WO/Project</li> </ul>						20			
(Wei)	Wet Packly	0	1.50	0.00	276	284,460	0.00	0.00	0.00
(Des)	Palawija Was Dodda	0 280	0.50	0.00 0.42	635 276	130,200 284,460	0.00 115.92	0,00 79,65	0.00 36.27
(Dry)	Wet Paddy Palawija	200	0.50	0.00	635	130,200	0.00	0.00	0.00
	(Total) Wet Packly	280	• • • •	0.42			115.92	79.65	36.27
•	(Total) Palawija	0		0.00			0.00	0.00	0.00
- W/P Type E	*** ** **	0.10		0.40	276	674.060	016.00	150 50	
(Wei)	Wet Paddy	262 0	3.00 1.50	0.79 0.00	276 635	574,860 450,450	216.89 0.00	150.58 0.00	66.31 0.00
(Dry)	Palawija Wet Paddy	ŏ	3.00	0.00	276	574,860	0.00	0.00	0.00
( <b>)</b> /	l'alawija	262	1.50	0.39	635	450,450	249,50	117.99	131.51
	(Total) Wet Paddy	262		0.79			216.89	150.58	66.31
	(Total) Palawija	262		0.39			249.50	117.99	131.51
- Incremental I	wei Paddy			0.37			100.97	70.93	30.04
	Palawija			0.39			249.50	117.99	131.51
	Total						350.46	188.92	161.54
CAR HITTA	SUNGAL UTAR/								
1. S.Pinang Hal		•							
- WO/Project	444 . 74			A #A	one	204.460	370.40	500.07	041.00
(Wet)	Wet Paddy	1,861 0	1.50 0.50	2.79 0.00	276 635	284,460 130,200	770.42 0.00	529.36 0.00	241.06 0.00
(Dry)	Palawija Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0.00
12197	Palawija	ŏ	0.50	0.00	635	130,200	0.00	0.00	0,00
	(Total) Wet Paddy	1,861		2.79			770.42	529.36	241.06
************	(Total) Palawija	0		0.00			0.00	0.00	0.00
- W/P Type D (Wet)	Wat Boddy	1,900	3.00	5.70	276	574,860	1,573.27	1,092.28	480.99
(WED	Wet Packly Palawija	1,700	1.50	0.00	635	450,450	0.00	0.00	0,00
(D <sub>O</sub> )	Wet Paddy	ŏ	3.00	0,00	276	574,860	0.00	0.00	0.00
	Palawija	1,900	1.50	2.85	635	450,450	1,809.83	855.89	953.94
	(Total) Wet Paddy	1,900		5.70			1,573.27	1,092.28	480.99
Incompanie 1 V	(l'oxai) Pulawija	1,900		2.85			1,809.83	855.89	933.94
- Incremental E	Wet Packly			2.91			802.85	562.92	239.92
	Palavija			2.85			1,809.83	855,89	953.94
	Total						2,612.67	1,418.81	1,193.86
. R. Batu Mand	ii								
- WO/Project									
(Wet)	Wet Paddy	1,269	1.50	1.90	276	248,460	525.37	315.30	210.07
/T> = 3	Pelawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Paddy Palawija	0	1.50 0.50	0.00 0.00	276 635	248,460 130,200	0.00	0.00 0.00	0.00 0.00
	(Total) Wet Paddy	1,269	1.50	1.90	(.55	1.70,2.00	525.37	315.30	210.07
	(Total) Palawija	Ú	0.50	0.00			0.00	0.00	0.00
- W/P Type D						****		201.54	250.50
(Wet)	Wet Packly	1,295 0	3.00 1.50	3.89 0.00	276 635	248,460 130,200	1,072.26 0.00	321.76 0.00	750.50 0,00
(Dry)	Palawija Wet Packly	ŏ	3.00	0.00	276	248,460	0.00	0.00	0.00
(51))	Palawija	1,295	1.50	1.94	635	130,200	1,233.49	168.61	1,064.88
	(Total) Wet Paddy	1,295	3.00	3.39		-	1,072.26	321.76	750.50
	(l'otol) Palawija	1,295	1.50	1.94			1,233.49	168.61	1,064.88
· Incremental E	lenelit Wet Paddy			1.98			546.89	6.46	\$40.43
	Palawija			1.94			1,233.49	168.61	1,064.88
	Total .						1,780.38	175.07	1,605.31
3. R.Pinang Kar	r&.								
- WO/Project									
(Wet)	Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0.00
/b	Palawija	0	0.50	0.00	635	130,200	0.00 0.00	0.00 0.00	00.00 00.00
(Dry)	Wet Paddy Palawija	0 0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00	(0.00)	0.00
	(Total) Wet Paddy	ö	9.20	0.00	1.25	1110,1110	0.00	0.00	0.00
	(Total) Palawija	0		0.00			0.00	0.00	0.00
- W/P Type Λ				,		451 ***		, A47 A7	E 22 2 2 E
(Wei)	Wet Paddy	4,349	1.50	6.52	276	284,460	1,800.42	1,237.07 0.00	563.35 0.00
(Des)	Palawija Waz Daddu	0	0.50	0.00 0.00	635 276	130,200 284,460	0.00 0,00	0.00	0.00
(Dry)	Wet Paddy Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	(l'otal) Wet Paddy	4.349	J//	6.52	(,,,,	130,1.00	1,800.42	1,237.07	563.35
	(Fotal) Palawija	0		0.00			0.00	0.00	0.00
- Incremental II	enelu								***
	Wet Paddy			6.52			1,800.42	1,237.07 0.60	563.35 0.00
	Palawija Total			0.00			0.00 1,800.42	1,237.07	563.35

Table 2.10 Estimate of Romonue Benefit for Drainage Project (4/13)

Name of Schem (Season)	ю/ Стор	Area Harvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Totl.Prod. Cost	
**************************************		(ha)	(t/ha)	('000 ton)	(Rp./kg)	(Rp./hu)	(Milln.Rp.)	(Milln.Rp.)	(Milln.R
. R.Pinang Kara									
- W/PTypc A (Wel)	Wet Paddy	4,349	1 50	4 50	ATIC	004.440	1 000 15	1 000 011	
· · · · · ·	Pelawija	4,349	1.50 0.50	6.52 0.00	276 635	284,460 130,200	1,800.42 0.00	1,237.07 0,00	563.3 0.0
(Dry)	Wet Paddy	Ŏ	1.50	0.00	276	284,460	0.00	0,00	0.0
,	Palawija Cotal) Was Dadda	0	0.50	0.00	635	130,200	0.00	0.00	0.0
	Fotal) Wet Packly Fotal) Palawija	4,349 D		6.52			1,800.42	1,237.07	563.
- W/PType D	routy takentja	U		0.00			0.00	0,00	0.0
(Wet)	Wet Paddy	4,350	3,00	13.05	276	574,860	3,601.60	2,500.50	1,101.
(D)	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.
(Diy)	Wet Paddy Palawija	. 0 4,350	3.00 1.50	0.00	276	574,860	0.00	0.00	0.
۲	l'otal) Wet Packly	4,350	1.50	6,52 13,05	635	450,450	4,143.15 3,601.60	1,959.35 2,500.50	2,183. 1,101.
Ć	Total) Palawija	4,350		6.52			4,143.15	1,959.35	2,183.
Incremental Ber								,	-,
	Wet Paddy			6.53			1,801.18	1,263.43	537.
	Palawija Tetal			6.52			4,143.15 5,944.33	1,959.35	2.183.
							3,544.55	3,222.78	2,721.
. R. Taras	UNGAT TENGA	H							
WO/Project (Wet)	Wet Packly	284	1.50	0.43	2.76	204 460	117.40	00.60	27
	Palawija	204	0.50	0.00	635	284,460 130,200	117.42 0.00	80.68 0,00	36. 0.
(D <i>r</i> y)	Wet Packly	0	1.50	0.00	276	284,460	0.00	0.00	Ö.
	Palawija Totuli Was Dadde	0	0.50	0.00	635	130,200	0.00	0.00	0.
	Totul) Wet Paddy Total) Palawija	284 0		0.43 0.00			117.42 0.00	80.68 0.00	36. 0.
W/PType D	, . щангуз	U		4.00			V.VAJ		U.
(Wei)	Wet Paddy	286	3.00	0.86	276	574,860	236.58	164.25	72.
4Th 1	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.
(Dry)	Wet Packly Palawija	0 286	3.00 1.50	0.00 0.43	276 635	574,860 450,450	0,00 272,15	0.00 128.70	0. 143.
	fotal) Wet Paddy	286	1.50	0.86	033	130,430	236.58	164.25	72.
	Total) Palawija	286		0.43			272.15	128.70	143.
Incremental Ber				0.40			440.44	00.67	45
	Wet Paddy Palawija			0.43 0.43			119.16 272.15	83.57 128.70	35.: 143.:
	Total						391.31	212.27	179.
. R. Bangkau									
WO/Project					<b>A.</b>	201.140	0.00	2.00	_
(We1)	Wet Paddy Palawija	0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00	0.00 0.00	0. 0.
(Dry)	Wet Paddy	851	1.50	1.28	276	284,460	352.26	242.04	110.
(0.1))	ialawijs	0	0.50	0.00	635	130,200	0,00	0.00	0.
	Total) Wet Paddy	851		1.28			352.26	242.04	110.
	Total) Pelewija	0		0.00			0.00	0.00	0.
W/PType D (Wet)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	O.
(IICI)	Palawija	ō	1.50	0.00	635	450,450	0.00	0.00	0.
(Dry)	Wet Puddy	857	3.00	2.57	276	574,860	709.73	492.75	216.
_	Psiawija Tarah Was Baddu	957	1.50	0.00 2.57	635	450,450	0.00 709.73	0.00 492.75	0. 216.
	Tomi) Wet Packiy Total) Palawija	857 0		0.00			0.00	0.00	0.
) isti latnemerani -		•							
	Wet Paddy			1.30			357.47	250.71	106. 0.
	Palawija Total			0.00			0.00 357.47	0.00 250.71	106.
Tg. ไยเลาป่า									
· WO/Project (Wet)	Wet Packly	1,137	1.50	1.71	276	248,460	470.72	282.50	188
·····	Palawija	ο	0.50	0.00	635	130,200	0.00	0.00	0
(Dry)	Wet Paddy	0	1.50	0.00	276 635	248,460 130,200	0,00	0.00 0.00	0
	Palawija Total) Wet Paddy	0 1,137	0.50 1.50	0.00 1.71	0.53	1.10,200	470.72	282.50	188
	Total) Palawija	0	0.50	0.00			0.00	0.00	0
- W/PType H	- Dinny 2 manage				*	040.155	000.44	004.44	
(Wet)	Wet Packly	1,194	3.00	3.58	276	248,460 130,200	988.63	296.66 0.00	691 0
<i>(</i> 15. ).	Palawija Was Paddu	0 0	1.50 3.00	0.00 0.00	635 276	248,460	0.00	0.00	0
(Dry)	Wet Paddy Palswija	1,194	1.50	1.79	635	130,200	1,137.28	155.46	981
	Total) Wet Paddy	1,194	3.00	3.58	**	•	988.63	296.66	691
•	Total) Palawija	1,194	1.50	1.79			1,137.28	155.46	981
Ċ				1 00			517 01	14 16	รกร
	nefit Wei Paskiy Palawija			1.38 1.79			517.91 1,137.28	14.16 155.46	503 981

Table 2.10 Estimate of Reonomic Benefit for Drainage Project (5/13)

Name of Sch	_	Area: Harvested	Yield	Production	Unit Price	Unit.Prod.	Gre.Prod. Value	Toll Prod. Cost	Net Return
(Season)	Crop	(pa)	(1/ha)	(1000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)		(Milln.Rp.)
4. Tg. Semange - WO/Project	gi Kambat								
(Wel)	Wet Packly	2,514	1.50	3.77	276	248,460	1,040.80	624,63	416,17
43	Palawija	0	0.50	0.00	635 276	130,200 248,460	0.00	0.00	0,00
(Dry)	Wet Paddy Palawija	0	1.50 0.50	0,00	635	130,200	0.00	0.00	0.00 0.00
	(Total) Wet Paddy	2,514	1.50	3,77		•	1,040.80	624.63	416.17
W/P Type I	(l'otal) Palawija	0	0.50	0.00			0.00	0.00	0,00
(Wet)	Wet Paddy	2,640	3.00	7,92	276	248,460	2,185.92	655.93	1,529.99
an a	Palawija	0	1.50	0.00	635 276	130,200 248,460	0.00 0.00	0.00 0.00	0.00
(I)ıy)	Wet Paskly Palawija	0 2,640	3.00 1.50	0.00 3.96	635	130,200	2,514.60	343.73	2,170,87
	(l'otal) Wet Paddy	2,640	3.00	7.92			2,185.92		1,529.99
- Incremental	(Total) Palawija Benefit	2,640	1.50	3.96			2,514.60	343.73	2,170.87
- HIGGERIA III	Wet Packly			4.15			1,145.12	31.31	1,113.82
	Palawija			3.96			2,514.60 3,659.72	343.73 375.03	2,170.87 3,284.69
	Total						.7,027,72	313.03	3,204.09
5. R. Bangkau - WO/Project	Extension								
(Wet)	Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0.00
(Dry)	Palawija Wet Paddy	0 0	0.50 1.50	0.00 00.0	635 276	130,200 284,460	0.00 0.00	0.00	0,00 0.00
(2.77	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	(Total) Wet Paddy (Total) Palawija	0 0		0.00 ·			0,00 0,00	0.00	0.00 0.00
- W/P Type 13		U		0.00			0.00	0.00	4.00
(Wet)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.00
(Dry)	Palawija Wet Paddy	0 571	1.50 3.00	0.00 1.71	635 276	450,450 574,860	0.00 473.15	0.00 328.50	0.00 144.65
(5.3)	Palawija	Ö	1.50	0.00	635	450,450	0.00	0.00	0.00
	(Total) Wet Peddy	571		1.71			473.15	328.50	144.65
- Incremental	(Potal) Palawija Benefit	G		0.00			0.00	0.00	0.00
	Wet Packly			1.71			473.15	328.50	144.65
	Palawija Total			0.00			0.00 473.15	0.00 328.50	0.00 144.65
6. S.Sirung									
- WO/Project		_							
(Wei)	Wet Paddy Palawija	0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00 0.00	0.00 0.00	0.00 0.00
(Dry)	Wet Paddy	ŏ	1.50	0.00	276	284,460	0.00	0.00	0.00
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	(Fotal) Wet Paddy (Fotal) Palawija	0		0.00 0.00			0.00 0.00	0.00	0.00
- W/P Type D	•								600.00
(Wet)	Wet Paddy Palawija	2,381 0	3.00 1.50	7.14 0.00	276 635	574,860 450,450	1,971.47 0.00	1,368.74 0.00	602.73 0.00
(Dry)	Wet Packly	ŏ	3.00	0.00	276	574,860	0.00	0.00	0.00
	Palawija	2,381	1.50	3.57	635	450,450	2,267.90	1,072.52	1,195.38
	(Fotal) Wet Paddy (Fotal) Palawija	2,381 2,381		7.14 3.57			1,971.47 2,267.90	1,368.74 1,072.52	602.73 1,195.38
- Incremental	Benefit	-,						•	
	Wet Paddy Palawija			7.14 3.57			1,971.47 2,267.90	1,368.74	602.73 1,195.38
	ioal			377			4,239.37	2,441.26	1,798.11
7. Binjai									
- WO/Project									
(Wet)	Wet Paddy	0	1.50	0.00 0.00	276 635	284,460 130,200	0.00 0.00	00.0 00.0	0.00 0.00
(Đry)	Palawija Wet Paddy	0	0.50 1.50	0.00	276	284,460	0.00	0.00	0.00
,	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	(Fotal) Wet Paddy (Fotal) Palawija	0 0		0.00 00.0			0.00 0.00	0.00 0.00	0.00 0.00
- W/P Type D		v		V.00					
(Wet)	Wet Packly	746	3,00	2.24	276	574,860 450,450	617.36 0.00	428.62 0.00	188.74 0.00
(Dry)	Patawija Wet Paddy	0	1.50 3.00	0.00 0.00	635 276	450,450 574,860	0.00	0.00	0.00
	Pelawija	746	1.50	1.12	635	450,450	710.18	335.86	374.33
	(Total) Wet Paddy	746 746		2.24 1.12			617.36 710.18	428.62 335.86	188.74 374.33
- Incremental l	(Fotal) Palawija Benefit	740		1.1%			, IV-10		
	Wei Paddy			2.24			617.36	428.64	188.72
	Palawija Total			1.12			710.18 1,327.54	355.86 764.50	374.32 563.04
	1901								

Table 2.10 1/stimate of Economic Benefit for Drainage Project (6/13)

Name of Sche (Season)	me/	Area Hurvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value		Net Return
		(ha)	(I/ha)	('000 ton)	(Rp:/kg)	(Ry./ha)		Cost (Milln.Rp.)	(Milln.Rp.)
KAB. HULU 1. Tg.Lungau - WOAroject	SUNGAI SELAT	ran				A Year and an		a reig at dear were surple to regardiffer a	
(Wct)	Wet Packly	1,857	1.50	2.79	276	ANI ARC	760.00	500.20	240.62
	Palawija	0	0.50	0.00	635	284,460 130,200	769,00 0,00	528.38 0,00	240,62 0,00
(Dry)	Wet Packly	0	1.50	0.00	276	284,460	0.00	0.00	0,00
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0,00
	(Total) Wet Packly	1,857		2.79			769,00	528.38	240,62
- W/P Type B	(l'otal) Palawija	0		0.00			0.00	0.00	0,00
(Wet)	Wet Packly	1,912	2.00	681	***	****			
(1100)	Palawija	1,912	3.00	5.74	276	574,860	1,583.40	1,099.32	484.08
(Dry)	Wet Packly	0	1.50 3.00	0.00 0.00	635 276	450,450	0.00	0.00	0.00
` *.	Palawija	1,912	1.50	2.87	635	574,860 450,450	0.00 1,821.48	0.00 861.40	0,00 960,08
	(Total) Wet Paddy	1,912	1100	5.74	17.15	430,430	1,583,40	1,099.32	484,08
	(Total) Palawija	1,912		2.87			1,821.48	861.40	960.08
- Incremental I	Benefit	-					1,0.021.10		,,,,,,,
	Wet Paddy Palawija Total			2.95 2.87			814.40 1,821.48 2,635.89	570.94 861.40 1,432.34	243.47 960.08 1,203.55
. Tg Penganba - WO/Project	u								
(Wet)	Wet Paddy	476	1.50	0.71	276	284,460	197.15	135.46	61.69
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0,00
(Dry)	Wet Paddy	ő	1.50	0.00	276	284,460	0.00	0.00	0.00
	Palawija	ŏ	0.50	0.00	635	130,200	0.00	0.00	0.00
	(Total) Wet Paddy	476		0.71	•		197.15	135.46	61.69
	(Fotol) Palawija	0		0.00			0.00	0.00	0.00
- W/P Type 13	w · ·					F111 0 11			
(Wet)	Wet Paddy	500	3,00	1.50	276	574,860	414.00	287.43	126.57
(Dav)	Palawija Wa Dada	0	1.50	0.00	635	450,450	0.00	0.00	0.00
(Dry)	Wet Paddy	ς <b>α</b> 0	3.00	0.00	276	574,860	0.00	0.00	0.00
	Palawija (Fotal) Wet Paddy	500 500	1.50	0.75 1.50	635	450,450	476.25 414.00	225.23 287.43	251.03 126.57
	(Total) Palawija	500		0.75			476.25	225.23	251.03
Incremental I		.,,,,		0.75			470.25	223.23	201.03
	Wet Paddy			0.79			216.85	151.97	64.88
	Palawija .			0.75			476.25	225.23	251.03
	Total						693.10	377.20	315.91
. S.Kajang								•	
- WO/Project (Wet)	Wet Packly	1,435	1.50	2.15	276	284,460	594.05	408,17	[85.83
(11 ci)	Paluwija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Paddy	ŏ	1.50	0.00	276	284,460	0.0G	0.00	0.00
(2)/	l'alawija	ŏ	0.50	0,00	635	130,200	0.00	0.00	0.00
	(Total) Wet Packly	1,435		2.15	-	•	594.05	408,57	185.88
	(Total) Palawija	0		0.00			0.00	0.00	0.00
- W/P Type D	•								
(Wel)	Wet Paddy	1,500	3.00	4.50	276	574,860	1,242.00	862.29	379.71
	Palawija	0	1.50	0.00	635	450,450	0.00	0.00 0.00	0.00 0.00
(Dry)	Wet Paddy	0	3.00	0.00 2.25	276 635	574,860 450,450	0.00 1,428.75	675.68	753.08
	Palawija	1,500 1,500	1.50	4.50	033	430,430	1,242.00	862.29	379.71
	(Fotal) Wet Paddy (Total) Palawija	1,500		2.25			1,428.75	675,68	753.08
- Incremental t		x1500		2.2					
- 11/0(011/011/11/1/	Wet Paddy			2.35			647.95	454,12	193.83
	Palawija Total			2.25			1,428.75 2,076.70	675.68 1,129.79	753.08 946.91
. S.Tirta Balul									
- WO/Aroject						an:		150	70.00
(Wei)	Wei Packiy	556	1.50	0.83	276	284,460	230.12	158.11	72.00
	Palawija	0	0.50	0.00	635	130,200	0.00 0.00	0.00 0.00	0.00 0.00
(Dry)	Wet Paddy	0	1.50	0.00	276 635	284,460 130,200	0.00	0.00	0.00
	Palawija Was Paddu	0 556	0.50	0.00 0.83	0.13	230,2007	230.12	158.11	72.00
	(Potal) Wet Paddy (Potal) Palawija	556 0		0.00			0.00	0.00	0.00
- W/P Type R	Crown ramwije	.,		214-7					
- war type is (Wei)	Wet Paddy	600	3.00	1.80	276	574,860	496.80	344.92	151.88
( <u>)</u>	Palawija	O	1.50	0.00	635	450,450	0.00	0.00	0.00
(Dry)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.00
,,	Palawija	600	1.50	0.90	635	450,450	571.50	270.27	301.23
	(Lotal) Wet Paskly	600		1.80			496.80 571.50	344.92 270.27	151.88 301.23
	(Total) Palawija	600		0.90			271.30	210.21	301.2.
- Increnental I				0.97			266.68	186.80	79.88
	Wet Paddy			0.90			571.50	270.27	301.23
	Palawija Total			0.70			838.18	457.07	381.11

Table 2.10 Estimate of Recognite Benefit for Drainage Project (7/13)

Name of Sche		Area	Yield	Production	UnitPrice	Unit.Prod.	Grs.Prod.		Net Return
(Season)	Стор	Harvested (ha)	(t/ha)	('000 ton)	(Rp./kg)	Cost (Rp./ha)	Value (Milin.Rp.)	Cost (Milln.Rp.)	(Milla.Rp.)
5. S.Taniran							+ 1		
- WO/Project	Was Badder	207	1,50	0.43	276	284,460	118.81	81.63	37,18
(Wei)	Wet Paddy Palawija	287 0	0.50	9.00	635	130,200	0.00	0,00	0.00
(Dry)	Wet Packly	0	1.50	0.00	276	284,460	0.00	0.00	0.00
	Palawija (l'otal) Wet Packty	·0 287	0.50	0.00 0.43	635	130,200	0.00 18.81	0,00 81.63	0.00 37.18
•	(Total) Palawija	0		0.00			0.00	0.00	0,00
- W/PType D (Wes)	Wet Paddy	300	3.00	0.90	276	574,860	248.40	172.46	75.94
(1100)	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	00,00
(Dry)	Wet Packly	300	3.00	0.00	276 635	574,860 450,450	0.00 285.75	0.00	0,00 150.62
	Palawija (Total) Wet Packly	300 300	1.50	0.45 0.90	033	OCPIOCF	248.40	172.46	75,94
	(Total) Palawija	300		0.45			285.75	135.14	150,62
- Incremental l	Senefit Wet Packly			0.47			129.59	90.82	38.77
	Palawija			0.45			285.75	135.14	150.62
	l'otal						415.34	225.96	189.38
6. R.Negara									
- WO/Project (Wet)	Wet Paddy	4.916	1.50	7.37	276	284,460	2,035.26	1,398.43	636.83
(ue)	Palawija	9,510	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Packly	. 0	1.50	0.00	276	284,460	0.00	0.00	0.00
	Palawija (Total) Wet Paddy	0 4,916	0.50	0.00 7.37	635	130,200	0.00 2,035,26	0.00 1,398.43	0,00 636,83
	(Total) Palawija	0		0.00			0.00	0.00	0.00
- W/P Type D	Wet Paddy	4,952	3.00	14.86	276	574,860	4,100.65	2,846.98	1,253,67
(Wel)	('alawija	بردورب 0	1.50	0.00	635	450,450	0.00	0.00	0.00
(Dry)	Wet Paddy	. 0	3.00	0.00	276	574,860	0.00	0.00	0.00
	Palawija (Total) Wet Paddy	4,952 4,952	1.50	7.43 14.86	635	450,450	4,717.24 4,100.65	2,230.84 2,846.98	2,486.39 1,253.67
	(l'otal) Palawija	4,952		7.43			4,717.24	2,230.84	2,486.39
- Incremental I				7 40			2.065.40		61£ 94
	Wet Packiy Palawija			7.48 7.43			2,065.40 4,717,24	1,448.55 2,230.84	616.84 2,486.39
	Total						6,782.63	3,679.40	3,103.23
7. S.Balum									
- WO/Project					0.74	001.140	440		
(Wct)	Wet Paddy Palawija	0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00 00.0	0.00 0.00	0.00 0.00
'(Dry)	Wet Packly	553	1.50	0.83	276	284,460	229.02	157.36	71.66
-	Palawija	0	0.50	0.00	63.5	130,200	0.00	0.00	0.00
	(Total) Wet Packly (Total) Palawija	553 0		0.83 0.00			229.02 0.00	157.36 0.00	71.66 0.00
- W/P Type D						****			
(Wet)	Wet Packty Palawija	0	3.00 1.50	0.00 0.00	276 635	<i>574,86</i> 0 450,450	0.00 0.00	0,00 0.00	0.00 0.00
(Dry)	Wet Packly	600	3.00	1,80	276	574,860	496.80	344.92	151.88
	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.00
	(fotal) Wet Paddy (fotal) Palawija	600 0		08.1 00.0			496.80 0.00	344.92 0.00	151.88 0.00
- incremental J	lenefit	-							
	Wet Packly Palawija			0.97 0.00			267.78 0.00	187.55 0.00	80.22 0.00
	Total			0.00			267.78	187.55	80.72
8. R.Ankinang									
- WO/Project									
(Wel)	Wet Packly	0	1,50 0.50	0.00	276 635	284 460	0,00 0.00	0.00 0.00	0.00 0.00
(Dry)	Palawija Wet Paddy	0 0	1.50	0.00 0.00	276	130,200 284,460	0.00	0.00	0.00
•	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	(Potal) Wet Paddy (Potal) Palawija	0		0.00 0.00			0.00 0.00	0,00 0,00	0.00 0.00
- W/P Type D	(rosas) raismija	V		0.00			0.00	0.00	0.00
(Wet)	Wet Paddy	1,429	3.00	4.29	276	574,860	[,182.88	821.24	361.64
(Dry)	Palawija Wet Packly	0	1.50 3.00	0.00 0.00	635 276	450,450 574,860	0.00 0.00	0.00	0.00 0.00
(151.97)	Palawija	1,429	1.50	2.14	635	450,450	1,360.74	643.51	717.23
	(Total) Wet Packly	1,429		4.29			1,182.88	821.24	361.64
- Incremental I	(l'otal) Palawija Senefit	1,429		2.14			1,360.74	643.51	717.23
- HOMOHALINGI I	Wet Packly			4.29			1,182.88	821.24	361.64
	Palawija Total			2.14			1,360.74 2,543.62	643.51 1,464.76	717.23 1,078.86

Table 2.10 Ilstimate of Economic Benefit for Drainage Project (8/13)

Name of Scheme/ (Season)	Crop	Area Unrvested	Yield	Production		Unit Prod. Cost	Value	Cost	Net Return
and a way and a surprise of the surprise of th		(ha)	(t/na)	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milla.Rp.)	(Milln.Rp.
9. R.Garis									
- WO/Project (Wet)	Was Dealer								
(Hely	Wet Packly Palawija	0	1.50	0.00	276	284,460	0.00	0,00	0.00
(Dry)	Wei Packly	0	0.50	0.00	635	130,200	0.00	0.00	0.00
•	Palawija	ŏ	0.50	0.00	276 635	284,460 130,200	0.00 0.00	00.0 00.0	0.00 0.00
(Total)	Wet Paddy	0		0,00	V	100,100	0.00	0.00	0.00
- W/P Type D	Palawija	0		0.00			0.00	0.00	0.00
(Wel)	Wet Packly	1,429	3.00	4.00	276	201.000			
•	Palawija	0	1.50	4.29 0.00	276 635	574,860 450,450	1,182.88 0.00	821.24 0.00	361.64 0,00
(Dty)	Wet Paddy	O	3.00	0.00	276	574,860	0.00	0.00	0.00
	Palawija	1,429	1.50	2.14	635	450,450	1,360.74	643.51	717.23
	Wet Paddy	1,429		4.29			1,182.88	821.24	361.64
- Incremental Benefit	Palawija	1,429		2.14			1,360.74	643.51	717.23
	Wet Paddy			4.29			1,182.88	821.24	361.64
	Paluwija			2.14			1,360.74	643.5)	717.23
	Total						2,543.62	1,464.76	1,078.86
10 D Mars - 12 4							•	•	-
<ol> <li>R.Negara Extension - WO/Project</li> </ol>	11								
(Wet)	Wet Packly	U	1.50	0.00	276	284,460	0.00	0.00	0.00
•7	Palewija	ŏ	0,50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Packly	0	1.50	0.00	276	284,460	0.00	0.00	0.00
#11 . v	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	Wet Packly Palawiis	0		0.00			0.00	0.00	0.00
- W/PType D	ramwija	v		0.00			0.00	0.00	0.00
(Wet)	Wet Paddy	476	3.00	1.43	276	574,860	394.29	273.75	120.55
	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.00
(Dry)	Wei Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.00
ecr	Palawija	476	1.50	0.71	635	450,450	453.58	214.50	239.08
	) Wet Packly Palawija	476 476		1.43 0.71			394.29 453.58	273.75 214.50	120.55 239.08
- Incremental Benefit		410		0.71			433.36	214.50	2.17.00
	Wet Paddy			1.43			394.29	273.75	120.55
	Palawija			0.71			453.58	214.50	239.08
	Total						847.87	488.25	359.62
11. S.Hadangan									
- WO/Project									
(Wet)	Wet Packly	0	1.50	0.00	2.76	284,460	0.00	0.00	0.00
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Packly	0	1.50	0.00	276	284,460	0.00	0,00	0.00
(Parel)	Palawija Wet Paddy	0	0.50	0.00	635	130,200	0.00 0.00	0,00 0,00	0.00 00.0
	Palswija	0		0.00			0.00	0.00	0.00
- W/I'Type A		v							
(Wet)	Wet Paddy	3,587	1.50	5.38	276	284,460	1,485.10	1,020.41	464.69
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
(Diy)	Wet Probly	0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00 0.00	0.00 0.00	0.00 00.0
(Potal)	Palawija Wet Paddy	0 3,587	0.50	5.38	033	150,200	1,485.10	1,020.41	464.69
	Palawija	0,,0		0.00			0.00	0.00	0.00
- Incremental Benefit									
	Wei Paddy			5.38			1,485.10	1,020.41	464.69
	Palawija			0.00			0.00 1,485.10	0,00 1,020,41	0.00 464.69
	Total						1,40.7.10	1,02.0.41	404.07
11. S.Hadangan									
- W/P Type A									
(Wei)	Wet Packly	3,587	1.50	5.38	276	284,460	1,485.10	1,020.41	464.69
` '	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Paddy	0	1.50	0.00	276 635	284,460 130,200	0.00 0.00	0,00 0.00	0.00 0.00
Clinal	Palawija Wet Paddy	0 3,587	0.50	5.38	055	130,200	1,485.10	1,020.41	464,69
	Palawija	.,,,,,,		0.00			0.00	0.00	0.00
- W/P Type D		-							
(Wel)	Wet Packly	3,800	3.00	11.40	276	574,860	3,146.40	2,184.47	961.93
•	Palawija	0	1.50	0.00	635	450,450 574,860	0.00	0.00 0.00	0.00 0.00
(Dry)	Wet Packly	2 800	3.00 1.50	0.00 5.70	276 635	574,860 450,450	3,619.50	1,711.71	1,907.79
Z11	Palawija Wet Paddy	3,800 3,800	1.30	11.40	().13	100,100	3,146.40	2,184.47	961.93
	Palawija	3,800		5.70			3,619.50	1,711.71	1,907.79
		-,						4.143.55	10.4 4-
- Incremental Benefit	Wet Paddy			6.02			1,661.30	1,164.05	497.25
	Wet Paddy Palawija Total			6.02 5.70			1,661.30 3,619.50 5,280.80	1,711.71 2,875.76	1,907.79 2,405.04

Table 2.10 Ilstimate of Homomic Benefit for Drainage Project (9/13)

Name of Scheme/		Arca .	Yield"	Production	Unit Price	Unit.Prod.	Grs.Prod.		Net Reium
(Season)	Crop	llarvested (ha)	(t/ha)	('000 ton)	(Rp./kg)	Cost (Rp./ha)	Veluo (Milln.Rp.)	Cost (Milln.Rp.)	(Milln.Rp.)
12. S.Batang Alai									
- WOA'roject	Was Dudde	0	1.50	0.00	276	284,460	0.00	0.00	0.00
	Wet Packly Palawija	0	0.50	0.00	635	130,200	0.00		0.00
(Dry)	Wet Packly	Ü	1.50	0.00	276	284,460	0,00	0.00	0.00
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
	Wet Paddy Palawija	0		0.00 0.00		٠.	0.00 0.00	0.00 0,00	0.00 0.00
- W/P'lyps A	2 (12411 1Jm	•		0.00			4.00	4,00	0.00
(Wet)	Wet Paddy	1,416	1.50	2.12	276	284,460	586.22	402.80	183.43
	Palawija	0	0.50 1.50	0.00 0.00	635 276	130,200 284,460	0.00 0.00	0,00	0.00
	Wet Paddy Palawija	Ŏ	0.50	0.00	635	130,200	0.00	0,00	00,0
	Wet Packly	1,416		2.12		•	586.22	402.80	183,43
	Palawija	0		0.00			0.00	0.00	0.00
- Incremental Benefit	Wet Paddy			2.12			586.22	402.80	183.43
	Palawija			0.00			0.00	0.00	0.00
	Total						586.22	402.80	183.43
12. S.Batang Alai									
- W/PType A									
(Wet)	Wet Paddy	1,416	1.50	2.12	276	284,460	586.22	402,80	183,43
	Palawija Wet Parkly	0	0.50 1.50	00,0	635 276	130,200 284,460	0.00	0,00 0,00	0.00 0.00
	Palawija	ŏ	0.50	0.00	635	130,200	0.00	0.00	0.00
	Wet Pad ly	1,416		2.12			586.22	402.80	183.43
	Palawija	0		0,00			0.00	0.00	0.00
- W/PType f) (Wei)	Wet Packly	1,500	3.00	4,50	276	574,860	1,242.00	862.29	379.71
	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.00
	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.00
	Palawija Was Dadda	1,500 1,500	1.50	2.25 4,50	635	450,450	1,428.75 1,242.00	675.68 862.29	753.08 379.71
	Wet Packly Palawija	1,500		2.25			1,428.75	675.68	753.08
- Incremental Benefit									
	Wet Packly			2.38			655.78	459.49	196.28
	Palowija Totol			2.25			1,428.75 2,084.53	675.68 1,135.17	753.08 949.36
12 Timian I se sie									. ,
13. Tinjau Langit - WO/Project									
	Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0.00
	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.00
· /·	Wet Paddy Palawija	n 0	1.50 0.50	0.00 0.00	276 635	284,460 130,200	0.00	0.00 0.00	0.00
	Wet Packly	ŏ	0.50	0.00	055	150,200	0.00	0.00	0.00
(l'otal)	Palawija -	0		0.00			0.00	0.00	0.00
- W/P Type A	Wet Paddy	4 300	1.50	7 09	276	284,460	1,954.08	1,342.65	611.43
• •	wet rately Palawija	4,720 0	0.50	7.08 0,00	635	130,200	0.00	0.00	0.00
	Wet Paddy	ŏ	1.50	0.00	276	284,460	0.00	0.00	0.00
	Palawija	. Q	0.50	0.00	635	130,200	0.00	0.00	0.00
	Wei Paddy Palawija	4,720 e		7,08 0,00			1,954.08 0.00	1,342.65 0.00	611.43 0.00
- Incremental Benefit	s almasija	•		0.00			44	0100	0.00
	Wet Paddy			7.08			1,954.08	1,342.65	611.43
	Palawija Total			0.00			0.00 1,954.08	0.00 1,342.65	0.00 611.43
	1002						1,754.00	1,31,6,07	011.45
3. Tinjau Langit									
· W/P Type Λ	Wet Paddy	4,720	1.50	7.08	276	284,460	1,954.08	1,342.65	611.43
	vet radny Palawija	4,720	0.50	0.00	635	130,200	0.00	0.00	0.00
(Dry)	Wet Paddy	Ö	1.50	0.00	276	284,460	0.00	0.00	0.00
	l <sup>)</sup> alawija	4 220	0.50	0.00	635	130,200	0.00	0.00 1,342.65	0.00 611.43
	Wet Parkly Palawija	4,720 O		7.08 0.00			1,954.08 0.00	0.00	0.00
- W/P Type D	Colomija	•		0.00			1100	7.40	
(Wet)	Wet Paddy	5,000	3.00	15.00	276	574,860	4,140.00	2,874.30	1,265.70
	Palawija	0	1.50	0,00	635	450,450 574,860	0.00 0.00	0.00 0.00	0,00 0,00
	Wet Paskly Pelawija	0 5,000	3.00 1.50	0.00 7.50	276 635	450,450	4,762.50	2,252.25	2,510.25
	ratawyi Wat Paddy	5,000	1100	15.00	1,2,2	10011011	4,140.00	2,874.30	1,265.70
		5,000		7,50			4,762.50	2,252.25	2,510.25
(l'otal)	· · · · · · · · · · · · · · · · · ·								
(Fotal) - Incremental Benefit	-			2 02			2 195 02	1 531 65	654.97
(Potal) - Incremental Benefit	Wet Parkly Palawija			7.92 7.50			2,185.92 4,762.50	1,531.65 2,252.25	654.27 2,510.25

Table 2.10 Estimate of Economic Benefit for Drainage Project (10/13)

Name of School (Season)	Crop	Area Harvested (ha)	Yield~	Production	Unit Price	Unit.Prod. Cost	Value	Totl.Prod. Cost	
AB. TAPIN	ره سه خصوصه مستداده دو. وم سمنه عالی ک		(t/ha)	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milln.Rp.)	(Milln.Rr
l. S.Udul								•	
- WO/Project									
(Wet)	Wet Paddy	944	1.50	1.42	276	284,460	200 80	260 52	120.0
an s	Palawija	Ö	0.50	0.00	635	130,200	390.82 '0.00	268.53 0,00	122.2 0.0
(D:y)	Wet Packly	0	1.50	0.00	2.76	284,460	0.00	0.00	0.0
ı	Palawija (Potal) Wet Packly	0	0.50	0,00	635	130,200	0.00	0.00	0.0
•	(l'otal) Palawija	944 0		1.42 0.00			390.82	268.53	122.2
- W/P Type 1)	. ,	•		17.00			0.00	0.00	0.0
(Wet)	Wet Packly	1,000	3.00	3,00	276	574,860	828.00	574.86	253.1
(Dry)	Palawija W O14-	0	1.50	0.00	635	450,450	0.00	0.00	0.0
(1313)	Wet Paddy Palawija	0 1,000	3.00	0.00	276	574,860	0.00	0.00	0.0
1	(Total) Wet Paddy	1,000	1.50	1.50 3.00	635	450,450	952.50	450.45	502.0
(	(Total) Palawija	1,000		1.50			828.00 952.50	574.86 450.45	253.1 502.0
- Incremental I	tenefit	•					7520	430,43	2070
	Wet Paddy			1.58			437.18	306.33	130.8
	Pelawija Total			1.50			952.50	450.45	502.0
	T (MA)						1,389.68	756.78	632.9
R.Moning									
- WO/Project									
(Wei)	Wet Paddy	8,000	1.50	12.00	276	284,460	3,312.00	2,275.68	1,036.3
(f)ru\	Palawija Wa Badda	0	0.50	0.00	635	130,200	0.00	0.00	0.0
(Dry)	Wet Packty Palawija	0	1.50 0.50	0.00	276 635	284,460	0.00	0.00	0.0
ı	(Potal) Wet Packly	8,000	0.50	0.00 12.00	635	130,200	0.00 3,312.00	0.00 2,275.68	0.0 1,036.3
1	(Fotal) Palawija	0		0.00			0.00	0.00	0.0
- W/P Type E	·								•
(Wei)	Wet Paddy	8,000	3.00	24.00	276	574,860	6,624.00	4,598.88	2,025.1
(Dav)	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.0
(Dry)	Wet Packly Palawija	0 000,8	3.00 1.50	0.00 12.00	276 635	574,860	0.00	0.00	0.0
ı	(l'otal) Wet Packly	8,000	1.50	24.00	033	450,450	7,620.00 6,624.00	3,603.60 4,598.88	4,016.4 2,025.1
	(l'otal) Palawija	8,000		12.00			7,620.00	3,603.60	4,016.4
- Incremental I	lenefit	-						-,	.,
	Wet Paddy			12.00			3,312.00	2,323.20	988.8
	Palawija Total			12.00			7,620.00	3,603.60	4,016.4
	ITAL						10,932.00	5,926.80	5,005.2
l. S.Garis Hala	t								
<ul> <li>WO/Project</li> </ul>									
(Mei)	Wet Paddy	952	1.50	1.43	276	284,460	394.13	270.81	123.3
(Des)	Palawija Wat Padda	0	0.50 1.50	0.00 0.00	635 276	130,200 284,460	0.00	0.00	0.0 0.0
(Dry)	Wet Packly Palawija	0	0.50	0.00	635	130,200	0.00 0.00	0.00 0.00	0.0
	(Total) Wet Paddy	952	0.00	1.43	(1.2.2	1.50,200	394.13	270.81	123.3
•	(l'otal) Palawija	0		0.00			0.00	0.00	0.0
- W/P Type D					0.7.5			501.04	070
(Wei)	Wei Paddy	1,000	3.00	3,00	276	574,860	828.00	574.86	253.1
(Diy)	Palawija Wet Peddy	0	1.50 3.00	0.00 0.00	635 276	450,450 574,860	0.00	0.00	0.0
(1713)	Palawija	1,000	1.50	1.50	635	450,450	952.50	450.45	502.0
	(Total) Wet Paddy	1,000		3.00			828.00	574.86	253.
	(Total) Palawija	1,000		1.50			952.50	450.45	502.0
- Incremental I							433.87	304.05	129.
	Wet Packly			1.57 1.50			952.50	450.45	502.0
	Palawija Total			12.70			1,386.37	754.50	631.8
							•		
. S. Tapin Gnd	ung								
- WO/Project		0	. ~		226	204 460	207 44	2.13 Vo	104
(Wei)	Wet Paddy	960	0.50	1.44 0.00	276 635	284,460 130,200	397.44 0.00	273.08 0.00	124.
(0-0	Palawija Wet Packly	0 0	0.50 1.50	0.00	276	284,460	0.00	0.00	0.0
(Dry)	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.0
4	(Fotal) Wet Paddy	960		1.44			397.44	273.08	124.
•	(l'otul) Palawija	0		0.00			0.00	0.00	0.0
W/PType D				4.00	017	541 000	gau M	574 00	252
(Wei)	Wet Paddy	1,000	3.00	3.00	276 635	574,860 450,450	828.00 0.00	574.86 0.00	253. 0.
/TX - X	Palswija Was Baddu	0	1.50 3.00	0.00 0.00	276	574,860	0.00	0.00	0.0
(Dry)	Wet Paddy	0 1,000	1.50	1.50	635	450,450	952.50	450.45	502.0
	Palawija (Total) Wet Paddy	1,000	1.50	3.00	VV	,100	828.00	574.86	253.
	(Total) Palawija	1,000		1.50			952.50	450.45	502.0
- Incremental E							100.55	201.00	400
	Wet Paddy			1.56			430.56	301.78 450.45	128.3
	Palawija			1.50			952.50 1,383.06	450.45 752.23	502.0 630.8
	Total								

Table 2.10 Estimate of Receionic Benefit for Drainage Project (11/13)

Name of Schene/ (Season)	Crop	Area Harvested	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Totl.Prod. Cost	Net Retur
-		(ha)	(Viva)	('000 ton)	(Rp./kg)	(Rp./lia)	(Milln,Rp.)	(Milln.Rp.)	(Milla.Rp
5. S.Pinang Habaris - WO/Project									
(Wet)	Wet Packly	300	1.50	0.45	276	284,460	124.20	85.34	38.86
	Palawija	0	0.50	0.00	635	130,200	0.00	0,00	0.00
(Dry)	Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0.00
Cinal	Palawija Wet Packty	0 300	0.50	0.00 0.45	635	130,200	0.00 124,20	0.00 65,34	0.00 38.86
(fotal)	Palawija	0		0.00			0.00	0.00	0.00
- WAP Type R	•							1	
(Wel)	Wet Packly	300 . 0	3,00 1.50	0.90 0.00	276 635	574,860 450,450	248.40 0.00	172.46 0.00	75.94 0.00
(Dry)	Palawija Wet Packly	. 0	3.00	0.00	276	574,860	0.00	0.00	0.00
	Palawija	300	1.50	0.45	635	450,450	285.75	135.14	150.62
	Wet Paddy	300		0.90			248.40	172.46	75.9
	Palawija	300		0.45			285.75	135,14	150.G
- Incremental Benefit	Wet Packly			0.45			124.20	87,12	37.08
	Palawija			0.45			285.75	135,14	150.63
	Total						409.95	222.26	187.70
6. R.Belanti									
- W.O./Project	197-4 15 - 14	0.410	, ,,	0.00	p a	004 166	10010.	71 F 45	
(Wet)	Wet Paddy	2,619 0	1.50 0.50	3,93 0.00	276 635	284,460 130,200	1,084.31 ()0.00	745,03	339.2
(Dry)	Palawija Wet Paddy	0	1.50	0.00	276	284,460	.0.00	0.00 00.0	0.0
(2.5)	Palawija	Ö	0.50	0.00	635	130,200	0.00	0.00	0.0
	Wet Packly	2,619		3.93			1,084.31	745.03	339.2
(Potal) - W/P Type E	Palawija	0		0.00			0.00	0.00	0.0
(Wei)	Wet Paddy	2,750	3.00	8,25	276	574,860	2,277.00	1,580.87	696.1
(114)	Palawija	70	1.50	0.00	635	450,450	0.00	0.00	0.0
(Dry)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.0
ć0 D	Palawija	2,750	1.50	4.13	635	450,450	2,619.38	1,238.74	1,380.6
	Wet Paddy Palawija	2,750 2,750		8.25 4.13			2,277.00 2,619.38	1,580.87 1,238.74	696, j. 1,380,6-
- Incremental Benefit		£,10		4(15			2,01.730	1,2,50.74	1,500.0·
	Wet Packty			4.32			1,192.69	835.84	356.8
	Palawija Total			4.13			2,619.38	1,238.74	1,380.64
•	roug						3,812.07	2,074.57	1,737.49
7. S.Damar									
- WO/Project	Was baller	1 :200	1.50		074	204.460	107.77	244.00	
(Wet)	Wet Paddy Palawija	1,200	1.50 0.50	1,80 0.00	276 635	284,460 130,200	496.77 0.00	341.33 0.00	155.44 0,0
(Dry)	Wet Packly	Ö	1.50	0.00	276	284,460	0.00	0.00	0.0
, ,	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.0
	Wet Packly	1,200		1.80			496.77	341.33	155.4
(Fotal) - W/P Type D	Palawija	0		0.00			0.00	0.00	0.0
(Wei)	Wet Packly	1,250	3.00	3.75	276	574,860	1,035.00	718.58	316.4
	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.0
(Dry)	Wet Packly	0	3.00	0.00	276	574,860	0.00	0.00	0.0
CT-1-N	Palawija Wet Paddy	1,250	1.50	1.88 3.75	635	450,450	1,190.63 1,035.00	<i>56</i> 3.06 718.58	627.5 316.4
	Palawija	1,250 1,250		1.88			1,190.63	563.06	627.5
- Incremental Benefit		-,		2.00					
	Wet Paddy			1.95			538.23	377.25	160.9
	Palawija Total			1.88			1,190,63	563.06	627.5 788.5
	Total						1,728.86	940.31	140.,)
8. S.Sclai									
- WO/Project					454	00/ 1/0			
(Wei)	Wet Packly	0	1.50 0.50	0.00 0.00	276 635	284,4 <i>60</i> 130,200	0.00 0.00	0.00 0.00	0.0 0.0
(Dry)	Palawija Wet Paddy	369	1.50	0.55	276	284,460	152.68	104.91	47.7
(1013)	Palawija	0	0.50	0.00	635	130,200	0,00	0.00	0.0
(Total)	Wet Paddy	369		0.55		·	152.68	101.91	47.7
	Palawija	0		0.00			0.00	0.00	0.0
- W/P Type D (Wei)	Wei Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0.0
( neily	Palawija	ò	1.50	0.00	635	450,450	0.00	0.00	0.0
(Dry)	Wet Paddy	400	3.00	1.20	276	574,860	331.20	229.94	101.2
•	Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.0
	Wet Packly	400		1.20			331.20	229.94	101.2
(letol)	Palawija	0		0.00			0.00	0.00	0.0
Incompanial Lines									
- Incremental Benefit	Wet Parkly			0.65			178.52	125.04	53.4
- Incremental Benefit	Wet Fackly Palawija			0.65 0.00			178.52 0.00	125.04 0.00	53.4 0.0 53.4

Table 2.10 Estimate of Peonomic Benefit for Drainage Project (12/13)

Name of Schene/ (Season)	Crop	Area Harvested (ha)	Yield " (t/ha)	Production "	Unit Price	Unit.Prod. Cost	Ors.Prod. Value	Toll.Prod. Cost	
9. S.Masira			TAIRD.	('000 ton)	(Rp./kg)	(Rp./ha)	(Milln.Rp.)	(Milln.Rp.)	(Milin.Rp
- WO/Project									
(Wet)	Wet Packty	0	1.50	0.00	276	204 4/0	0.00	0.00	
	Palawija	ŏ	0.50	0.00	635	284,460 130,200	0.00	0.00	0.0
(Dry)	Wet Paddy	138	1.50	0.21	276	284,460	57.21	39.31	17.9
en	Palawija	0	0.50	0.00	635	130,200	0,00	0.00	0.0
	) Wet Paddy	138		0.21			57.21	39,31	17.9
- W/P Type D	) Palawija	0		0.00			0.00	0.00	0.0
(Wet)	Wet Paddy	O	4 00						
(1.04)	Palawija	0	3.00 1.50	0.00	276	574,860	0.00	0.00	0.0
(Dry)	Wet Packly	150	3.00	0.00 0.45	635	450,450	0.00	0.00	0.0
	Palawija	ě	1.50	0.00	276 635	574,860 450,450	124,20 0.00	86.23 0.00	37.9
(i'otal	) Wet Paddy	150		0.45	11.15	4.70,430	124.20	86.23	0.0 37.9
(l'otal	) Palawija	0		0.00			0.00	0.00	0.0
- Incremental Benefi							4,44	22	
	Wet Packly			0.24			66.99	46.92	20.0
	Palawija			0.00			0.00	0.00	0.0
	Total						66.99	46.92	20.0
0. 5bh Pintu Air									
- WO/i'roject (Wet)	Was Dadde	201	1 50					_	
tueñ	Wet Paddy	381	1.50	0.57	276	248,460	157.73	94.66	63.
(Diy)	Palawija Wet Paddy	0	0.50 1.50	0.00 0.00	635	130,200	0.00	0.00	0.
(1-1)7	Palawija	ő	0.50	0.00	276 635	248,460 130,200	0.00	0.00	0. 9.
(Total	) Wet Paddy	381	1.50	0.57	055	130,200	157.73	94.66	63.0
	Palawija	Ô	0.50	0.00			0.00	0.00	0.0
- W/P Type E	•								
(Wet)	Wet Packly	400	3.00	1.20	276	248,460	331.20		
	Palawija	0	1.50	0.00	635	130,200	0.00	0.00	O.
(Diy)	Wet Paddy	0	3.00	0.00	276	248,460	0.00	0.00	0.0
Ci'asul	Palawija	400	1.50	0.60	635	130,200	381.00	52.08	328.
	) Wet Paddy ) Palawija	400 400	3.00 1.50	1.20			331.20	99.38	231.
- Incremental Benefit		400	1	0.60			381.00	52.08	328.
indianalian isonor	Wet Paddy			0.63			173.47	4.72	168.
	Palawija			0,60			381.00	52.08	328.5
	Total						554.47	56.80	497.0
1. R.Bahanou									
- WO/Project	W D. 11.	•		0.00	077	001.100	0.00		
(Wet)	Wet Puddy	0	1.50	0.00	276	284,460	0.00	0.00	0.0
(12)	Palawija Wet Paddy	0	0.50 1.50	0.00 0.00	635 276	130,200 284,460	0.00 0.00	0.00	0.0 0.0
(Diy)	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	9.0
€Fotal	) Wet Paddy	ő	0,50	0.00	0,5	150,200	0.00	0.00	0.0
	) Palawija	ő		0.00			0.00	0.00	0.0
- W/P Type D	, ,								
(Wet)	Wet Paddy	2,000	3.00	6.00	276	574,860	1,656.00	1,149.72	506.2
	Palswija	0	1.50	0.00	635	450,450	0.00	0.00	0.0
(Diy)	Wet Paddy	0	3.00	0.00	276	574,860	0.00	0.00	0,0
	Palawija	2,000	1.50	3.00	635	450,450	1,905.00	900.90	1,004.1
	) Wei Packly	2,000		6.00			1,656.00 1,905.00	1,149.72 900.90	506,2 1,004.1
	) Palawijo	2,000		3.00			1,905.00	900.90	1,004.1
- Incremental Benefi	Wet PadJy			6.00			1,656.00	1,149.72	506.2
	Palawija			3.00			1,905.00	900,90	1.001.1
	Total			•			3,561.00	2,050.62	1,510.3
0.00.00									
2. R.Muning Extensi	on								
- WO/Project	Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0.0
(Wet)	Palawija	ő	0.50	0.00	635	130,200	0.00	0,00	0,0
(Dry)	Wet Puddy	ŏ	1.50	0.00	276	284,460	0.00	0.00	0.0
(151)	Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0.0
(l'otal	) Wet Packly	0		0.00			0.00	0.00	0.0
(ato'l')	) Palawija	0		0.00			0.00	0.00	0.0
- W/P Type D					0.15	\$111 BZB	1 666 00	1 140 72	gne e
(Wet)	Wet Paddy	2,000	3.00	6.00	276	574,860 450,450	1,656.00	1,149.72	506.2
•	Palawija	0	1.50	0.00	635 276	450,450 574,860	0.00 0.00	0.00 0.00	0.0 0.0
(Dry)	Wet Packly	0	3.00	0.00 0.00	635	450,450	0.00	0.00	0.0
zn	Palawija Was Buida	υ 2,000	1.50	6.00	0.75		1,656.00	1,149.72	506.2
	) Wei Paddy ) Palawija	2,000		0.00			0.00	0.00	0.0
		,,		*,***					
- Incremental Benefit	Wet Paddy			6.00			1,656.00	1,149.72	506.2
	Palawija			0.00			0.00	0.00	0.0
							1,656.00	1,149,72	506.2
	Total								

Table 2.10 Estimate of Pernomic Benefit for Drainage Project (13/13)

Crop  Wet Paddy Palawija Wet Paddy Pathy Pathy Pathy Pathy Palawija Wet Paddy	2,000 0 0 0 2,000 0	3.00 1.50 3.00 1.50	('000 ton) 6.00 0.00 0.00	(Rp.A·g) 276 635	Cost (Rp./ha) 574,860	Valuo (Milin Rp.)	Cost (Milln.Rp.)	(Milln Rp.)
Wet Paddy Palawija Wet Paddy Palawija 1) Wet Paddy 1) Palawija Wet Paddy	2,000 0 0 0 0 2,000	3.00 1.50 3.00	6.00 0.00	276	Araba Para Kalamana	entralization for the special price the special problems of the state of the special problems of the state of the special problems of the state of the special problems of the		ما برنامتن ( من به منظوب
Wet Paddy Palawija Wet Paddy Palawija 1) Wet Paddy 1) Palawija Wet Paddy	0 0 0 2,000	1.50 3,00	0.00		574.860			•
Palawija Wet Paddy Palawija I) Wet Paddy I) Palawija Wet Paddy	0 0 0 2,000	1.50 3,00	0.00		574.860			
Palawija Wet Paddy Palawija I) Wet Paddy I) Palawija Wet Paddy	0 0 0 2,000	1.50 3,00	0.00			1,656.00	1,149.72	206.28
Wet Packly Palawija I) Wet Packly I) Palawija Wet Packly	0 0 2,000	3,00		. 011	450,450	0.00	0.00	0.00
Palawija I) Wet Paddy I) Palawija Wet Paddy	0 2,000				574,860	0.00	0.00	0.00
I) Wet Paddy I) Palawija Wet Paddy	2,000		0.00	635	450,450	0.00	0.00	0.00
l) Palawija Wet Paddy			6,00	222		1,656.00	1,149,72	506.28
Wet Paddy			0.00			0.00	0,00	0.00
22 . 2	2,000	3.00	6.00	276	574,860	1,656,00	1,149.72	506.28
Palawija	0	1.50	0.00	635	450,450	0.00	0.00	0.00
Wet Packly	0	3.00	0.00	276	574,860	0,00	0,00	0.00
Palawija	2,000	1.50	3.00	635	450,450	1,905.00	900,90	1,004.10
i) Wet Packly	2,000		6.00			1,656.00	1,149.72	506.28
l) Pulawija	2,000		3.00			1,905.00	900.90	1,004.10
it								
Wei Paddy								0.00
Palawija			3.00					1,004.10
Total						1,905.00	900.90	1,004.10
tension								
Wet Paddy	0	1.50	0.00	276	284,460	0.00	. 0.00	0.00
Palawija	0	0.50	0.00	635	130,200	0.00	0.00	0,00
Wet Paddy	0	1.50	0.00	276	284,460	0.00	0.00	0.00
Palawija	0	0.50	0.00	635	130,200	0,00	0.00	0.00
l) Wet Paddy	0		0.00			0,00	0.00	0.00
l) Palawija	0		0.00			0.00	0.00	0,00
Wet Paddy	2,000	3.00		276			1,149.72	506.28
	0	-						0.00
								0.00
		1.50		635	450,450			0.00
								506.28
	U		0,00			0.00	0.00	0.00
			6.00			1.656.00	1 120 22	506.28
								0.00
			0.00					506.28
LOM						1,0.10.00	1,145.72	300.20
tension								
								506.28
								0.00
								0.00
		1.50		635	450,450			0.00
								506.28
i) l'alawija	U		0,00			0.00	0.00	0.00
Sifes De Ades	4 000	1 00	6.00	276	674 960	1 656 00	1 140 72	506.28
		-				•		0.00
	-				574 26A			0.00
								1,004.10
		1.50		055	-120,100			506.28
								1,004.10
	2,000		5.50			1120000	,,,,,,	11001110
			0.00			00.0	0.00	0,00
			3.00			1,905.00	900.90	1,004.10
Toui						1,905.00	900.90	1,004.10
	il) Pulawija  Tit  Wet Paddy Palawija  Total  Stension  Wet Paddy Palawija  Total  ttension  Wet Paddy Palawija  ttension  Wet Paddy Palawija  it  Wet Paddy Palawija	il) Patawija 2,000 it  Wet Paddy Palawija Total  stension  Wet Paddy Palawija 0 Wet Paddy 0 Palawija 0 Wet Paddy 0 Palawija 0 Wet Paddy 2,000 Palawija 0 Wet Paddy 2,000 Palawija 0 Wet Paddy 2,000 I) Palawija 0 Wet Paddy 2,000 I) Palawija 0 Wet Paddy 2,000 I) Palawija 0 Wet Paddy Palawija 0 It  Wet Paddy 2,000 Palawija 0 Wet Paddy 2,000 I) Palawija 2,000 Wet Paddy 2,000 II Wet Paddy 2,000 Wet Paddy 2,000 II Wet Paddy 2,000 Wet Paddy 2,000 II Wet Paddy 2,000 Wet Paddy 2,000 Wet Paddy 2,000 II Wet Paddy 2,000 Wet Paddy 2,000 Wet Paddy 2,000 II Wet Paddy	Palawija   2,000	Palawija   2,000   3.00   1.50   0.00	Palawija   2,000   3.00   1.50   0.00   276	Pulawija   2,000   3.00		

Table 2.11 Estimate of Economic Benefit for Polder Project (1/2)

Name of Sch	ieme	(Season)	Area Harvest (ha)	Yield ed (t/ha)	Production ('000 ton)	Unit Price (Rp./kg)	Cost	Grs.Prod. Value	Toll.Prod. Cost	Net Return
Кав. Тава	LONG					(NIVAR)	(Rp./ha)	(winin.kp.)	(Milln.Rp.)	(Milln.Rp.)
LAmpukung	LONG									
- WO/Project		AV								
- HOJE tojaz		(Wa)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
	(Total)	(Diy)	365	1.5	0.55	276	284,460	151.11	103,83	47.28
- W/Project	(1000)	(Wet)			0.55			151.11	103.83	47.28
· On toject		****	()	3.0	0.00	276	574,860	0.00	0.00	0.00
	(Total)	(Dry)	418	3.0	1.25	276	574,860	346.10	240.29	105.81
	(IOA)				1,25			346.10	240.29	105.81
- Incremental					0.71			104.00	107.45	£0.50
					0.71			194.99	136.46	58.53
2.Tigaron		•								
<ul> <li>WO/Project</li> </ul>		(Wet)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
		(i)ry)	115	1.5	0.17	276	284,460	47.61	32.71	14.90
	(Total)				0.17			47.61	32.71	14.90
- W/Project		(Wet)	0	3.0	0.00	276	574,860	0.00	0.00	0.00
		(Dry)	144	3.0	0.43	276	574,860	119.23	82.78	36.45
	(Total)				0.43		-	119.23	82.78	36.45
- Incremental					0.06				<b>40</b>	
					0.26			71.62	50.07	21.56
(AB. HULU	SUNGA	I UTARA								
1.Padang Gust										
- WO/Project		(Wet)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
_		(Dry)	468	1.5	0.70	276	284,460	193.75	133,13	60.62
	(Total)			_	0.70		201,100	193.75	133,13	60.62
<ul> <li>W/Project</li> </ul>	•	(Wet)	0	3.0	0.00	276	574,860	0.00	0,00	0.00
•		(Dry)	468	3.0	1.40	276	574,860	387.50	269.03	118.47
	(l'otal)	` "			1.40	2,0	51 1,000	387.50	269.03	118.47
								001100	2,07103	•••••
- Incremental					0.70			193,75	135.91	57.84
2.Bakar										
- WO/Project		(Mar)	0	1 5	0.00	076	004.460	0.00	0.00	0.00
- wonninged		(Met)	0.050	1.5	0.00	276	284,460	0.00	0.00	0.00
	(Total)	(Dry)	2,050	1.5	3.08	276	284,460	848.70	583.14	265.56
- W/Project	(Total)	(GL)	a	2.0	3.08	276	574 970	848,70	583.14	265.56
- warroject		(Wet)	0 244	3.0	0.00	276	574,860	0,00	0.00	0.00
	CPatall	(Dry)	2,344	3.0	7,03	276	574,860	1,940.83	1,347.47	593.36
	(Total)				7.03			1,940,83	1,347.47	593,36
- Incremental					3.96			1,092.13	764.33	327.80
3.Pakacangan										*
- WO/Project		(Wet)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
		(Dry)	1,444	1.5	2.17	276	284,460	597.82	410.76	187.06
	(fotal)		_		2.17		******	597.82	410.76	187.06
<ul> <li>W/Project</li> </ul>		(Wet)	0	3.0	0.00	276	574,860	0.00	0.00	0.00
		(Dry)	1,694	3,0	5.08	276	574,860	1,402.63	973.81	428.82
	(Total)				5.08			1,402.63	973.81	428.82
- Incremental					2.92			804.82	563.05	241.76
- therementat					20.72				3,3,7,00	2.1170
4.Kaludan										
- WO/Project		(Wet)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
0,. 1.,			1,800	1.5	2.70	276	284,460	745.20	512.03	233.17
	(Food)	(,	-,		2.70		•	745.20	512.03	233.17
- W/Project	<b>(,</b> )	(Wet)	0	3.0	0.00	276	574,860	0.00	0.00	0.00
,., <u>,</u>			2,300	3.0	6.90	276	574,860	1,904.40	1,322.18	582.22
	(Total)	,			6.90			1,904.40	1,322.18	582.22
					4.20			1,159.20	810.15	349.05
- Incremental					1.20			.,		
5.Murung Bay	un									
- WO/Project	-	(Wet)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
			1,687	1.5	2.53	276	284,460	698.42	479.88	218.53
	(Total)	()			2.53			698.42	479.88	218.53
- W/Project	·-~····)	(Wet)	0	3.0	0.00	276	574,860	0.00	0.00	0.00
- 1711 1016/-1			1,687	3.0	5.06	276	574,860	1,396.84	969.79	427.05
. , ,-		1-7-77			5.06			1,396.84	969.79	427.05
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(Total)									
, , ,	(Total)				2.53			698.42	489.90	208.51

Table 2.11 Estimate of Economic Benefit for Polder Project (2/2)

Name of Sci		(Season)	Area	Yield	Production	Unit Price	Unit.Prod. Cost	Grs.Prod. Value	Toll.Prod.	Net Return
Nauto of act	iciic	(Scason)	(ha)	(t/ha)	(000 ton)	(Rp./kg)	(Rp./ha)	(Milla.Rp.)	(Milln,Rp.)	(Milln.Rp.)
6.Simpang Em	nat									
- WO/Project		(\Vet)	0	1.5	0.00	276	284,460	0.00	0.00	0.00
•		(Dry)	1,274	1.5	1.91	276	284,460	527.44	362.40	165.03
	(Total)				1.91			527.44	362,40	165.03
<ul> <li>W/Project</li> </ul>		(Wct)	0	3.0	0.00	276	574,860	0.00	0.00	0.00
		(Dry)	1,274	3.0	3.82	276	574,860	1,054.87	732.37	322.50
	(Total)	•			3,82			1,054.87	732.37	322.50
- Incremental					1.91			527.44	369.97	157.47
7.Alabio	, ,									
- WO/Project		(Wet)	4,500	2.5	11.25	276	436,260	3,105.00	1,963.17	1,141.83
		(Dry)	0	2.5	0.00	276	436,260	0.00	0.00	0.00
	(Total)				11.25			3,105.00	1,963.17	1,141,83
<ul> <li>W/Project</li> </ul>	-	(Wet)	4,500	5,5	24.75	276	793,433	6,831.00	3,570.45	3,260.55
		(Dry)	4,500	5.5	24.75	276	793,433	6,831.00	3,570.45	3,260.55
	(fotal)				49.50			13,662.00	7,140.89	6,521.11
- Incremental					38.25			10,557.00	5,177.72	5,379.28
8.Lampihong										
<ul> <li>WO/Project</li> </ul>		(Wet)	0	1.5	0.00	276	284,460	0.00	0.00	0,00
		(Dry)	1,400	1.5	2.10	276	284,460	579.60	398.24	181.36
	(Total)				2.10			579.60	398.24	181.36
<ul> <li>W/Project</li> </ul>		(Wet)	0	3.0	0.00	276	574,860	0.00	0.00	0.00
		(Dry)	2,800	3,0	8.40	276	574,860	2,318.40	1,609.61	708.79
	(l'otal)				8.40			2,318.40	1,609.61	708.79
- Incremental					6.30			1,738.80	1,211.36	527.44
KAB. HULU	SUNGA	I SELAT	ΛN							
1.Kalumpang										
<ul> <li>WO/Project</li> </ul>		(Wet)	0	1.5	0.00	276	284,460	0.00	0.00	0,00
		(Dry)	600	1.5	0.90	276	284,460	248.40	170.68	77.72
	(Total)		_		0.90			248.40	170.68	77.72
- W/Project		(Wct)	0	3.0	0.00	276	574,860	0.00	0.00	0.00
		(Dry)	600	3.0	1.80	276	574,860	496.80	344.92	151.88
	(Total)				1.80			496.80	344.92	151.88
- Inciemental					0.90			248.40	174.24	74.16

Table 2.12 Estimate of Economic Benefit for Fishery Project

Name of Scheme	Area Harvested (ha)	Yickl (t/ha)	Production ('000 ton)	Unit Price (Rp./kg)	Unit.Prod. Cost (Rp./ha)	Grs.Prod. Value (Milln.Rp.)	Totl,Prod. Cost (Milln,Rp.)	Net Return (Milln.Rp.)
KAB. HULU SUN	GAI UTAI V/P Short-To	RA rm)			**************************************			
- W.O./Project (Total)	100 0	1.0 1.0	0.01 0.00 0.01	1,316 1,316	63,700 63,700	10.93 0.00 10.93	6.37 0.00 6.37	4.56 0.00 4.56
- W./Project S.T (Total)	100	0,4 0,4	0.04 0.00 0.04	7,840 7,840	713,500 713,500	313.60 0.00 313.60	71,35 0.00 71.35	242.25 0.00 242.25
- Incremental	600		0.03			302.67	64.98	237.69
1,2 Alabio (W/P Short	-iem to W/	P Mediu	ım-Temı)					
- W/Project S.T (Total)	100 900	0.4 0.1	0.04 0.07 0.11	7,840 1,316	713,500 63,700	313.60 98.36 411.96	71.35 57.33 128.68	242.25 41.03 283.28
- W/Project M.T (Total)	1,000 0	1,2 1,2	1,20 0.00 1,20	7,840 7,840	3,634,900 3,634,900	9,408.00 0.00 9,408.00	3,634.90 0.00 3,634.90	5,773.10 0.00 5,773.10
- Incremental			1.09			8,996.04	3,506.22	5,489.82
KAB. TAPIN 2.Margasari								
- WO/Project	2,000	0.1	0.17	1,316	63,700	218.59	127.40	91.19
(Total)			0.17			218.59	127.40	91.19
- W/Project	2,000	2.4	4.80	7,840	9,324,800	37,632.00	18,649.60	18,982.40
(Total)			4 80			37,632.00	18,649.60	18,982.40
- Incremental			4.80			37,413.41	18,522.20	18,891.21

Table 3.1 Economic Comparison of Irrigation Project and Selection of Prior Schemes

Vahunatani	1\n	A	Economic Benefit	Leonomic Cost	EIRR	n-C ₩ b/	B-C/fin s/b/.	B/C s/	Paddy Increment	Prior Scheme
Kabupater/ Namo of Scheme	Type of Scheme	Λπα	NPV w	NPV av	13766	#/ ()/	W LV .	19/0.8/	питети	B/C>1.00
Hattle of Sciente	MARAIN	(ha)	(Rp.MN)	(Rp.MN)	(%)	(Rp.MN)	(Rp.MN)	: 	(tons)	()
TABALONG				•						
1 Jaro c/	Exist	625	0.0	109.4		(109.4)	(0.18)	0.00	. 0	
2 Jaro Bawah	likist	200	1.510.1	214.4	50.75	1,295,8	6.48	7.04	1,700	(4)
3 Gumba	Exist	254	625.2	277.7	22.07	347.4	1.37	2.25	1,020	(*)
4 Sungai Kati	New	280	1,024.9	540,7	18.54	484.2	1.73	1,90	1,070	(*)
5 Naniun	New	64	291.0	141,6	14,83	149.4	2.33	2.06	310	(•)
6 Kinarum	New	408	3,080,6	903,5	29.24	2,177.1	5.34	3.41	3,470	(6)
7 Mahm	New	203	1,532.8	449.6	29.24	1,083.2	5.34	3.41	1,730	(*)
8 Datupulut	New	225	1,410.6	434,1	28.39	9/6.5	4.34	3.25	1,570	(+)
9 Bilas	. New	643	4,855.0	1,424.1	29.24	3,430.9	5,34	3.41	5,470	(•) .
10 Hanyu Tajun	New	750	5,662,9	1,694.6	28,79	3,968.3	5.29	3.34	6,380	(*)
Sub-Total	INOW	3,852	2,002,7	1,027.0	20,77	3,500.2	2.27	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	22,720	(7)
HULU SUNGAI UTARA		3,032								
1 Paran	Exist	188	462,7	208.4	21,80	254.3	1,35	2.22	750	(*)
	Exist	233	384.0	279.5	14.10	104.4	0.45	1.37	620	(*)
2 Tundakan	Exist	116	192.0	154.6	12.69	37.4	0,32	1.24	310	(*)
3 Suspin			192.0	252.1	7.10	(60.1)	(0.52)	0.76	310	(7)
4 Lok Batu	Pixist	116 2.172	192.0	232.1 9,009,4	17.60	7,390.4	3.40	1.82	18,460	765
5 Balangan	New				17.73	12,998.4	3.48	1.82	35,470	(*) (*)
6 Pitap	New	3,734	29,109.0	16,110.6	17.73	12,990.4	3,46	1.61		(*)
Sub-Total		6,559							55,920	
HULU SUNGAL TENGAH	<b>-</b> 1	4.25	1041	010.1	14.00	win		1.00		
l 'l'aiang	Exist	165	406.1	240.4	16.97	165.7	1.00	1.69	660	(*)
2 Tapuk	Exist	186	457.8	206.7	21,74	251.1	ŧ.35	2.21	740	(*) (*)
3 Tamiyang	Exist	166	406.1	212.7	19.01	193.4	1.17	1.91	660	(*)
4 Baruh Hawang	Exist	160	393.8	139.4	27.07.	254.4	1.59	2.83	640	(*)
5 Intangan	Exist	920	487.1	960,3	2.50	(473.2)	(0.51)	0.51	2,040	
6 Kanakan	Fxist	633	335.3	590.2	3.50	(255.0)	(0.40)	0.57	1,400	
7 Mangunang	Exist	515	1,267.5	466.4	26.14	801.1	1,56	2.72	2,060	(*)
8 Haruyan Dayak	Exist	1,486	1,066.8	1,298.0	7.59	(231.2)	(0.16)	0.82	4,460	
9 Batang Alal	New	6,223	48,512.4	27,112.6	17.58	21,399.8	3,44	1.79	59,120	(*)
10 Barabai	New	2,278	17,758.5	9,828.9	17.73	7,929.6	3.48	1.81	21,640	(*)
Sub-Total		12,732							93,420	
HULU SUNGAL SELATAN										
l Telaga Lansat	l'xist	1,534	725.4	1,465.1	2.08	(739.7)	(0.48)	0.50	3,030	
2 Tayub	Laist	178	289.2	192.1	15.48	97.1	0.55	1.51	470	(*)
3 Numungin	Lxist	36	57.8	173.8	0.39	(115.9)	(3.22)	0.33	90	
4 Kuangan	lzist	143	231.4	214.7	9.35	(13.3)	(0.09)	0.95	380	
5 Pamujaan	Laist	214	347.0	294.9	11.99	52.1	0.24	1.18	560	(*)
6 Hawain	Exist	71	115.7	243.9	2.97	(128.3)	(1.81)	0.47	190	
7 Tani	Exist	107	173.5	339.5	3.56	(165.9)	(1.55)	0.51	280	
8 Jarau	Exist	143	67.5	83.5	7.05	(16.0)	(0.11)	0.81	280	
9 Kayu Habang	New	347	2,260.9	768.7	26.19	1,492.2	4.30	2.94	2,720	(*)
10 Amandit	New	6,432	45,711.23	28,733.42	15.82	16,977.8	2.64	1.59	55,390	(*) (*)
Sub-Total		9,205							63,390	
TAPIN		•							•	
I Lok Paikat	Exist	392	185.6	358.4	2.47	(172,8)	(0.44)	0.52	780	
2 Pampain	Exist	392	636.2	422.7	15.48	213,5	0.54	1,50	1,030	(°)
3 Nupadang	Exist	253	123.5	207.3	3.80	(83,8)	(0.33)	0.60	520	. ,
4 Talakan	ixist	99	163.7	130.6	12.82	33,1	0.33	1.25	270	(*)
5 Pulsu Pinang	Exist	270	457.8	218.1	21.40	239.7	0.89	2.10	740	èή
6 Rampanang	Lixist	146	101.2	137.1	6.40	(35,8)	(0.25)	0.74	420	. ,
7 Binuang	Ixist	1.106	523.0	946.2	3.04	(423.2)	(0.38)	0.55	2.190	
8 Tapin	New	5.328	36,780.0	24,175.5	15.19	12,604.6	2.37	1.52	43,450	(*)
9 Labehan	New	300	1,612.0	665.0	22.55	947,0	3.16	2.42	1,770	(•)
Sub-Total	1404	8,286	1,014.0	905.0	22.43	, 1 rq	3.10	7 <i>L</i>	51,170	` '
Total		40,434							286,620	

Note: af, At discount rate of 10% b/, Figures in parentheses indicate minus balance, c/, Jaro scheme is excluded from the project works, and its works are proposed to be covered by O&M.

Table 3.2 Economic Comparison of Drainage Project and Selection of Prior Schemes

				1						Darkeley	200
Kabupateni	Type of	المحامز	Area	Benefi:	Cost	ERR	3°C	r S	βζ	Sector	Schools
Name of Schene	Schane	Espervence	(FB)	RPV at	NPV z/ (Ro.McN)	(%)	W. Y.	n/ b/ (Ro_MN/hz)	B)	(3003)	B(>1.00
TABALONG		O.F. C.P.	1 600	1.703	2011	S	14 (1500)	0700	73.0	3.700	
2 S.Rampang	ä	WO D TE	18	2,255.8	595.9	32.10	1,660.0	Š F	3.79	8	Đ
3 S.Patier	អូ ជ	W/O to T.D	27.2	1.773.6	513.6	29.86	1,260.6	2.65	3.45	8	Đ
4 X-7-112-158	A S	40 E	អូន្ទ	373.3	124.5	25.93	288	7 63 7	3.85 2.85 2.85 2.85	88	99
6 S. Vani	Fish	W/O to T-D	200	1,035.6	25.6	33,65	784,0	88	4.12	R	30
7 Technical	?	4/0 0/E	8	546.7	2.65 2.65	13.55	143.2	S. S.	1.35	ଛ	Đ
s Bengkling 9 Prim Krn	3	WO B TE	382	1,020.4	555. 5.558	10.27	250.1	500	4. 50	025	ĐĐ
Sub-Total	;	3	3,855					ŝ	}	5,540	
BULL SUNGAL UTARA		6	,	,		į		į	,		;
1 S. Prings Habers 2 R. Bart, Mandi	S S	¥Os1-D	1360	2.651.4	1,475.1	3, 25, 85 8, 50 8, 50	5,287.2	5 68 5 88 5 88 5 88	2 3 2 3 3 5	1,980	33
3 R. Firang Kara	Parened	WO T-D	7,600	20,723.6	8,397	22,74	2351.5	569	i ci	15,050	:E
Seb-Total			7,955							17,540	
BULU SUNGAL TENGAH	2	6	Š		3 (1)	6	605	2	ī	ç	ŧ
2 K. 1 Mass.	R i	4 C 2 C 3 C 3 C 3 C 3 C 3 C 3 C 3 C 3 C 3	3	673.5	1.57.0	8.5	9017	825	7.7.C	55	Đ
3 To Jamesh	E S	WO TE	34 	2234.7	177.7	106	1.057.0	) (2)	8	068.	٤
4 Tg Semanci Karabat	N.	W/O to 7-E	2,640	8,647.7	2,749.2	29.38	5,898.5	. 22	3.15	2,150	O
5 R.Bangian Extension	Pares	W/O to T-D	93	913.7	973.3	9,31	(59.6)	(0.10)	0.94	1,730	
6 S.Sirang	No.	W.O.D.D.	2,500	11,357.5	4,057.0	25.10	7,300.5	2.32	2.80	7,140	Đ
7 Birph	Ne*	W/O to T-D	8	5,634.4	1,300.2	25.07	2,334.2	2.32	2.80	2250	Đ
WELL STINGAL SET ATAN			4,4,5							(8,83)	
, Tg.l.mgkm	EXI	W/O to T-E	2,005	7,602.1	2,042.3	31.69	5,560.7	2.77	3.72	2,950	3
2 Tg. Perganbau	Eris	W/O to T-E	8	75661	808.2	22.8.	7.187.2	2.37	2.47	8	Ð.
3 S.Kajang	Eds.	WOwT-D	8	0.136.2	1,389.4	35.50	4,591.6	93.0	2,30	6 6 1	Đ
A S.Turia Bahalayu		W/O to T-E	88	2,407.2	8293 8293	26.00 26.00 26.00	1,578.0	2.63	87.5	86	93
A D. Noona	i i	10 E	300	19.60:2	4,680.8	17.7	14.920.4	12.5	100	27.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7	00
S. S		WO 10 TO	8	206.7	647.6	, K	(40.3)	0.23	0.78	Ę	:
3 R.Arskinang	Plemed	W/OwT-D	1,500	6.874.5	2,496.3	27.60	4,3:8.2	88.1	2.73	4,290	3
9 R.Garis	Planed	W/Os T-D	8	6,814,5	2.496.3	8	4.318.2	23 24 25 26 26 27	2.73	428	Đ
10 R. Negara Extension	Platric	0. a 0	88	2271.5	500.5	76.43 25.43	1,511.0	8	8.6	2,430	Đ3
11 S. Hadangan	<b>8</b>	¥	200	7.077.9	3,795.2	14.12	4 940 7	2,75	9 0		Đŧ
14 Contain I and		WOST-D	200	23,850.3	7,619.7	27.41	16.231	3.5		500	Œ
Sub-Total	2		24,505			i		)	1	56,830	:
TAPIN	ı	,		:				;	;	1	
1 S.Udul	N.	W/ObT-D	000	3,597.7	4 7 7 7	32.30	2,950.2	823		85.	Đ;
2 K.Wennes	15 COS	WO TO TE	3,030	31,614.7	8,185.1	32.63	23.429.6	5 S	8,8 80,8 80,8	12,080	Đê
4 S. Tamin Cadane	1	CL a CM	30	3.9%	1360	20.50	2.08.6	8 SE	3.36	9	Œ
5 S. Pirano Babaris	i v	W/O to T.E.	88	1.185.6	4.8.6	15	766.9	25.5	2.83	5	3
6 R.Belani	Exis	W/O to T-E	2750	.0,974.7	3,094.0	35.50	7,880.7	7.87	3.55	4,320	3
7 S.Denar	Pois	W/O to T.D	1250	4,980.8	1,191.9	34.68	3,788.9	3,6	4.18	2,95	ε
8 S.Scla;	Ecis	W.Os.T.D	600	337.8	415,1	7.70	(77.3)	(0.19)	0.81	જુ	
9 S.Macira	y A	d-La Q'A	87	126.8	325.6	4.23 6.23	(98.8)	(0.66)	0.56	8	
10 550 Partit Ag	EX.S	2 C C C C C C C C C C C C C C C C C C C	36	7.06.	2007	14.00	(1.25.2	(65.5) 6	2.7	35	Ş
T. N. Delimine Farmerica	Diseased.	W.C. a.C.W	2007	100	4.775.4	500	5.314.7	3 20	36.0	38	30
13 R.Manine 2nd Extension	N.	W/O to T-E	2,000	9.540.1	42143	21.14	5,325.8	7 18	2.26	88	Ξ
Sub-Total			22.50		l i					42.950	•
1001			0/ 495							:42.170	

Note: #, At discount rate of 10 % by, Figures in parenthese indicate minus balance.

Table 3.3 Economic Comparison of Polder Project and Selection of Prior Schemes

Kabupaten/ Name of Scheme	Type of Scheme	Area (ha)	Economic Benefit NPV a/ (Rp.MN)	Economic Cost NPV a/ (Rp.MN)	EIRR (%)	B-C a/ b/ (Rp.MN)	B-C/ha a/ b/ (Rp.MN/ha)	B/C a/	Paddy Increment (tons)	Prior Scheme B/C>1.00
TABALONG 1 Ampukung 2 Tigaron	Exist Exist	418	369.7 136.2	300.4	12.89 5.26	69.3 (75.5)	0.17 (0.53)	1.23	710	€
Sub-Total		562							970	
HULU SUNGAI UTARA I Padang Gusti	Exist	468	365.4	1,168.2	-0.58	(802.8)	(1.71)	0.31	700	
2 Bakar 2 Debesenden	Exist Fyist	2,344	2,070.5	1,533.1	14.37	537.5	0.23	1.35	3,960	*
J. rakarangan 4 Kaludan	Exist	2,300	2,204.7	440.3	195.44	1,764.4	0.77	5.51	4,200	<b>E</b>
5 Murung Bayun c/	Exist	1,737	, 4 700	, 220	- 204 20	- 786	' 07 0	. 6	1.010	*
o Sunpang Empar 7 Alabio	Exist Exist	4,500	33,977.5	6,948.2	41.27	27,029.3	6.01	4.89	38,250	ĐĐ
8 Lampihong	New	2,800	3,331.5	16,235.0	-2.83	(12,903.5)	(4.61)	0.21	6,300	
Sub-Total		15,380							58,240	
HULU SUNGAI SELATAN 1 Kalumpang	New	009	468.4	5,228.2	-7.57	(4,759.7)	(7.93)	0.09	006	
Total		16,542							60,110	;

Note: a/; At discount rate of 10 % b/; Figures in parentheses indicate minus balance. c/; No meni from improvement of hardware

Table 3.4 Economic Companison of Imigation Project and Ranking of Prior Schemes

				Economic	Fconomic							Ranking	
Science   Charles   Char	Kabupaten/	Type of	Area	Benefit	So	EIKR	3.C	B-C/ha	B/C	Paddy			
## Exist 200   1,510.1   214.4   50.75   1,205.8   648   7.04   1,700   A   A      New 201   1,252.8   4,915   207.7   3,574   1,494   2,33   2,25   1,005   B   B     New 408 3,080.0   644.5   2,924   1,417.1   1,417	Name of Scheme	Schome	(FH3)	(Rp.MN)	RPV 2	(%)	RP.MIN)	al (Rp.M.N/ha)	ल	Increment (tons)	TKK K	A-C/ha	Kark X
Exist 246 625.2 1744 50.75 1.205.8 648 7.04 1.770 A A A New 220 1.024.2 27.7 12.05 1.025 1.070 B C C New 408 2.00 1.024.2 27.7 12.05 1.027 2.05 1.070 B C C New 408 3.080.6 903.5 10.074 1.05 4.23 2.06 1.070 B C C S C C C C C C C C C C C C C C C C	TABALONG												
Exist 254 625.2 277.7 22.0.7 43.74 13.7 22.5 10.02 A C New 54 10.0245 49.8 20.0 10.0245 8.77 10.024 40.8 230 10.0245 8.70 10.024 10.00 10.	2 Jaro Bawah	Exist	202	1,510,1	214.4	50.75	1,295.8	6.48	7.04	1,700	¥	⋖	p=4
New 539 1024-9 540.7 18.54 454.2 173 19.0 1.070 B C C C C C C C C C C C C C C C C C C	3 Gumba	Exist	254	625.2	277.7	22.07	347.4	1.37	2.25	1,026	₹	U	7
New 64 291.0 141.5 19.74 11494 2.33 2.06 310 B B B New 64 291.0 141.5 19.74 2,171.1 5.34 3.41 3.470 A A A New 203 15.802 9.03 2.924 2,171.1 5.34 3.41 1.770 A A A New 203 15.802 9.924 1.0832 5.34 3.41 1.770 A A A New 203 15.802 1.441.1 29.24 1.0832 5.34 6.830 A A A S. 1.410 5.441 2.839 9.055 5.34 6.830 A A A S. 1.410 5.441 2.924 3.4003 5.34 6.830 A A A S. 1.410 5.420 1.6546 28.79 3.683 5.29 3.34 6.830 A A A S. 1.410 1.6546 28.79 3.6833 5.29 3.34 6.830 A A A S. 1.410 1.0846 28.79 3.6833 5.29 3.34 6.830 A A A S. 1.410 1.6546 28.79 3.6833 5.29 3.34 6.830 A A A S. 1.410 1.620 1.6546 28.79 3.6833 5.29 3.34 6.830 A A A S. 1.410 1.641 1	4 Sungai Kati	New	280 280	1,024.9	540.7	18.54	484.2	1.73	1.90	1,070	ΔQ	ပ	ተ
New 408 3,080.6 903.5 29,24 1,177.1 3,34 3,470 A A A New 225 1,410.6 434,1 28,39 976.5 4,34 3,41 1,770 A A A New 225 1,410.6 434,1 28,39 976.5 4,34 3,25 1,570 A A A A New 225 1,410.6 434,1 28,39 976.5 4,34 3,25 1,570 A A A A S New 225 1,410.6 4,34.1 29,24 3,469.9 5,34 3,41 3,470 A A A Z 2,22 1,410.6 4,34.1 29,24 3,469.9 5,34 3,41 3,470 A A A Z 2,22 1,570 B A Z 2,20 B A Z	5 Namun	New	Z	291.0	141.5	19.74	149.4	2.33	2.06	310	ርር	ഫ	77
New 203 1,532,8 449,6 29,24 1,083,2 3,34 3,41 1,730 A A A New 643 4,850,6 14,24,1 28,34 4,365,5 4,34 3,25 1,570 A A A New 643 4,850,6 14,24,1 28,34 3,465,5 5,34 4,570 A A A New 643 4,850,6 14,24,1 28,34 3,466,5 5,34 3,41 5,770 A A A A New 643 4,850,6 14,24,1 28,34 3,466,5 3,34 6,5380 A A A 22,770 5,622 1,634,6 12,69 3,74 0,45 1,37 6,20 C E E New 2,172 16,395,8 9,000,4 17,60 104,4 0,45 1,37 620 C E E New 2,172 16,395,8 9,000,4 17,60 1,390,4 3,40 1,82 1,84 60 C A 5,540	6 Kinsum	New	408	3,080.6	803.5	29.24	2,177.1	5.34	3.41	3,470	<	≺	۲۰۰
New 525 14106 444.1 28.39 9765 434 325 1570 A A A A New 543 48850 1444.1 29.24 34509 534 341 5470 A A A A S S S S S S S S S S S S S S S	7 Miliam	Nes	203	1,532.8	449.5	29.24	1,083.2	5.34	3.41	1,730	45°	<b>Φ</b> ;	<b>+</b> *4
New   643   4,8550   1444,   29,24   3,460,9   534   34,1   5,470   A   A     New   643   6,662,0   1,6946   28,79   3,968.3   5,29   3,34   5,470   A   A     Sign   188   462,7   2084   21,80   254,3   135   2,22   750   A   C     Exist   188   462,7   2084   21,80   254,3   137   2,222   750   A   C     Exist   136   279,5   14,10   1044   0.45   13,7   620   C   E     Exist   156   29,009,0   15,110,6   17,75   12,9984   3,48   1,81   35,470   C   A     Exist   166   406,1   220,7   16,57   100   1.65   660   C   D     Exist   166   406,1   212,7   19,01   1934   1,17   1,91   660   B   C     Exist   166   406,1   212,7   19,01   1934   1,17   1,91   660   B   C     Exist   166   406,1   212,7   19,01   1934   1,17   1,91   660   B   C     Exist   17,738,5   9,828,9   17,73   7,929,6   3,48   1,81   2,164,0   C   D     Exist   270   45,711,23   28,733,42   15,82   1,52   1,53   2,43   1,80   2,43     Exist   270   45,711,23   28,733,42   15,82   1,627   1,637,8     Exist   270   45,711,23   28,733,42   15,82   1,637,8   2,44   1,50   1,630   C   D     Exist   270   45,711,23   28,733,42   15,82   1,637,8   2,43   1,50   2,44     Exist   270   45,711,23   28,733,42   15,82   2,43   1,50   2,44   1,50   2,44     Exist   270   45,711,23   28,733,42   15,82   1,604,6   2,47   1,70   A   D     Exist   270   45,711,23   28,733,42   15,82   1,604,6   2,42   1,70   A   D     Exist   270   45,711,23   28,733,42   15,82   1,604,6   2,42   1,70   A   D     Exist   270   45,711,23   28,733,42   15,82   1,604,6   2,42   1,70   A   D     Exist   270   45,711,23   28,733,42   15,82   1,604,6   2,42   1,70   A   D     Exist   270   45,711,23   28,733,42   15,82   1,614,6   2,42   1,70   A   D     Exist   270   45,711,23   28,733,42   1,50   2,42   1,70   A   D     Exist   270   45,711,23   28,733,42   1,50   2,42   1,70   A   D     Exist   270   28,733,42   1,50   2,42   1,50   2,42   1,70   A     Exist   270   28,733,42   1,50   2,42   1,50   2,42   1,70   2,42   1,70   A     Exist   270   28,733,42   1,50   2,42   1,50	8 Battorium	New	225	1,410.6	434.1	28.39	976.5	4.34	3.25	1,570	٧	<b>≺ſ</b> ;	,-4
Brist   138   462.7   1564.6   28.79   3.968.3   5.29   3.34   6.380   A   A	9 Bilas	New	643	4,855.0	1,424.1	29.24	3,430.9	5.34	3.43	5,470	₹	۵;	r-4
Exist 188 462.7 208.4 21.80 254.3 1.35 2.22 750 A C E E Exist 18 18.34.0 279.5 11.44 0.45 1.27 750 C E E Exist 11.0 19.20 154.6 1.269 37.4 0.32 1.24 310 C E E Exist 11.0 15.39.8 9.009.4 17.60 7.390.4 3.40 1.82 18.460 C A A G.443 1.75 12.998.4 3.40 1.82 18.460 C A A G.443 1.75 12.998.4 3.40 1.82 18.460 C A A G.443 1.75 1.207.7 1.00 1.65 0.00	10 Banyu Tajun	New	750	5,652.9	1,694.6	28.79	3,968.3	5.29	3.34	6,380	Ą	<b>∀</b> ;	H
Exist         188         462.7         208.4         21.80         254.3         1.35         2.22         750         A         C           Exist         233         384.0         279.5         14.10         104.4         0.45         13.7         620         C         E           New         2,172         16,192.0         15.46         17.69         3.74         0.45         13.7         620         C         E           New         2,172         16,110.5         17.75         12,998.4         3.48         1.81         35.470         C         A           Exist         165         406.1         240.4         16.97         15.98.4         3.48         1.81         55.40         C         A           Exist         165         406.1         240.4         16.97         16.97         16.97         16.97         17.9         1.89         1.89         1.89         1.84         1.89         55.40         A         C         B         C         B         C         B         C         B         C         B         C         B         C         B         C         B         C         B         C         B         C <td>Sub-Total</td> <td></td> <td>3,027</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>22,720</td> <td></td> <td></td> <td></td>	Sub-Total		3,027							22,720			
Exist 188 462.7 208.4 21.80 224.3 1.35 2.22 750 A C E E Exist 118 192.0 134.6 12.69 37.4 0.32 1.27 750 A C E E Exist 116 192.0 134.6 12.69 37.4 0.32 1.27 21.00 D E E Exist 116 192.0 16,110.6 17.75 12,998.4 3.48 1.81 235,470 C A S 6,443 2.00.09.0 16,110.6 17.75 12,998.4 3.48 1.81 235,470 C A S 6,443 2.00.09.0 16,110.6 17.75 12,998.4 3.48 1.81 235,470 C A S Exist 166 406.1 22.0.7 4.66.4 25.1 1.35 2.21 740 A C E Exist 166 406.1 22.7 7.00 1.65 660 C D E Exist 166 406.1 22.7 7.00 1.65 660 C D E Exist 166 406.1 20.7 1.70 1.254.4 1.59 2.83 640 A C E Exist 168 406.1 2.7 1.70 1.254.4 1.59 2.83 640 A C E Exist 1738.5 9,828.9 17.73 7,929.8 3.44 1.81 21,660 A C E E E Exist 1738 280.2 192.1 15.48 97.1 0.55 1.51 470 C D E Exist 270 45,711.2 28,733.42 15.89 2.44 1.59 2.44 1.50 1.030 C D E Exist 270 45,711.2 28,733.42 15.81 21.40 2.44 1.59 25,20 C A S 7.1 17.8 280.2 192.1 15.82 16.977.8 2.64 1.59 25,390 C B E Exist 270 45,711.2 28,733.42 15.81 21.40 2.37 1.52 2.44 2.47 2.60 B E Exist 270 477 2.84 1.50 1.030 C D E Exist 270 477 2.84 1.50 1.030 C D E Exist 270 477 2.84 1.50 1.030 C D B E Exist 270 477 2.84 1.50 1.030 C D B Exist 270 477 2.84 1.50 1.030 C D B Exist 270 477 2.84 1.50 1.030 C D B Exist 270 477 2.84 1.50 1.030 C D B Exist 270 477 2.84 1.50 1.030 C D B Exist 270 477 2.84 1.50 1.030 C D B Exist 270 1.61 2.84 2.87 1.52 1.51 1.54 2.57 1.52 1.57 1.57 A A B Exist 270 1.61 2.61 2.64 2.37 1.52 43,450 C B B Exist 270 1.61 2.60	HULU SUNGAI UTARA												
TENGAH  Fixis 233 384.0 279.5 14.10 1044 0.45 1.37 520 C E  New 2,172 16,3928 9,009.4 17.60 374.4 0.45 1.37 520 C  New 3,734 29,109.0 15,110.6 17.75 12,998.4 3.48 1.81 35,470 C A  TENGAH  Exist 165 406.1 240.4 16.97 165.7 1.00 1.65 660 C D  Exist 165 406.1 21.7 19.01 1.35 2.21 740 B C  Exist 165 406.1 21.7 19.01 1.35 2.21 740 B C  Exist 165 406.1 21.7 19.01 1.35 2.21 740 A C  New 6,223 48,512.4 27,112.6 17.58 11.7 19.1 660 B C  New 6,223 48,512.4 27,112.6 17.58 11.7 19.1 660 B C  New 6,223 48,512.4 17.73 7,929.6 3.48 1.81 21.640 C A  New 6,432 45,711.2 28,733.4 15.8 11.7 19.1 650 B C  Exist 270 45,71 2.2 15.4 2.1 15.4 2.1 1.8 2.1 1.8 2.1 2.1 4.0 C  Exist 392 656.2 422.7 15.4 2.1 15.4 2.1 1.8 2	1 Paran	Exist	138	462.7	208.4	21.80	254.3	1.35	2.22	750	ď	ບ	7
Feder   116   192.0   154.6   12.69   37.4   0.32   1.24   31.0   D   E	2 Tundakan	Exis	233	384.0	279.5	14.10	104.4	0.45	1.37	970	ပ	щ	<b>∀</b> †
TENGAH  Exist 16,399,8 9,009,4 17,60 7,390,4 3.40 1.82 18,460 C A  6,443  Exist 166 406,1 2,40,4 16,97 165,7 1.00 1.69 660 C D  Exist 186 457,8 206,7 21,74 251,1 1.35 2.21 740 A C  Exist 186 457,8 206,7 21,74 251,1 1.35 2.21 740 A C  Exist 186 406,1 2,12,7 19,01 193,4 1.17 1.91 660 B C  Exist 16 393,8 132,7 19,01 193,4 1.17 1.91 660 B C  New 6,225 48,512,4 27,112,6 17,58 21,390,8 3,44 1.79 59,120 C A  New 6,227 48,512,4 27,112,6 17,58 21,390,8 3,44 1.79 59,120 C A  SELATAN  Exist 178 289,2 192,1 15,48 97,1 0.55 1.51 470 C B  Exist 270 45,77 260,9 16,977,8 264 1.59 55,390 C A  7,177 4 3,470 294,9 11,59 52,1 0.24 1.18 560 E  Exist 270 45,71,2 28,733,42 15,82 16,977,8 2,64 1.59 55,390 C A  Fixer 270 457,8 11,55 11,60 23,7 11,50 2,40 1.50 2,44 1.50 2,44 1.70 A  Exist 270 457,8 11,51 21,60,46 2.37 1.52 43,450 C B  Exist 270 457,8 11,51 21,60,46 2.37 1.52 43,450 C B  Exist 270 457,8 11,51 21,50,46 2.37 1.52 43,450 C B  Exist 270 457,8 11,51 21,50,46 2.37 1.52 43,450 C B  Exist 270 457,8 11,51 21,50,46 2.37 1.52 43,450 C B  Exist 270 457,8 11,51 21,50,46 2.37 1.52 43,450 C B  Exist 270 457,8 11,51 21,50,46 2.37 1.52 43,450 C B  Exist 270 457,8 11,51 21,60,46 2.37 1.52 43,450 C  Exist 270 457,8 11,51 21,60,46 2.37 1.52 43,450 C  Exist 270 457,8 15,19 12,60,46 2.37 1.52 43,450 C  Exist 270 457,8 15,19 12,60,46 2.37 1.52 43,450 C  Exist 270 457,8 15,19 12,60,46 2.37 1.52 43,450 C  Exist 270 47,50,9 14,175,5 15,19 12,60,46 2.37 1.52 43,450 C  Exist 270 47,70 47,70 12,40 12,60,46 2.37 1.52 43,450 C  Exist 270 47,70 47,70 12,40 12,60,46 2.37 1.52 43,450 C  Exist 270 47,70 47,70 12,40 12,60,46 2.37 1.52 43,450 C  Exist 270 47,70 12,40 12,40 12,40 12,60,46 2.37 1.52 43,450 C  Exist 270 47,70 12,40 12,40 12,40 12,70 13,16 2.42 1,770 A  Exist 270 47,70 12,4	3 Suapin	Exist	116	192.0	154.6	12.69	37.4	0.32	1.24	310	Ω	បា	V١
TENGAH  Exist 165 406.1 240.4 16.97 165.7 1.00 1.69 660 C D  Exist 166 407.8 200.7 12.7 12.998.4 3.48 1.81 35.470 C A  Exist 166 407.8 206.7 21.74 251.1 1.35 2.21 740 A C  Exist 166 393.8 139.4 27.07 254.4 1.59 2.83 640 A C  Exist 166 393.8 139.4 27.07 254.4 1.59 2.83 640 A C  New 6.227 48.512.4 27.112.6 17.58 21,399.8 3.44 1.79 51.20 A C  Exist 214 347.0 294.9 11.59 52.1 0.24 11.8 560 B  Exist 27 2260.9 768.7 261.9 1.492.2 4.30 2.94 2.77 A A  New 6.432 45.711.2 28.733.4 15.48 21.3 50.54 1.39 553.90 C B  Exist 27 45.711.2 28.733.4 15.48 21.3 0.54 1.50 1.00 B  Exist 27 45.71 13.6 12.40 239.7 0.59 2.10 740 A B  Exist 27 457.8 218.1 21.40 239.7 0.59 2.10 740 A B  Exist 27 457.8 218.1 21.40 239.7 1.50 2.42 1.70 A A  New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.77 1.50 A A  New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.77 1.50 A A  New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.77 1.50 A A  New 5.329 1.612.0 665.0 22.55 947.0 3.16 2.42 1.770 A A  Survey 5.329 1.612.0 665.0 22.55 947.0 3.16 2.42 1.770 A A  Survey 5.329 36.720 A A  Survey 5.329 1.612.0 665.0 22.55 947.0 3.16 2.42 1.770 A A  Survey 5.329 1.612.0 665.0 22.55 947.0 3.16 2.42 1.770 A A  Survey 5.329 1.612.0 665.0 22.55 947.0 3.16 2.42 1.770 A  Survey 5.329 1.612.0 665.0 22.55 947.0 3.16 2.42 1.770 A  Survey 5.329 1.612.0 665.0 22.55 947.0 3.16 2.42 1.770 A  Survey 5.329 36.720 A  Survey 5.329 36.720 A  Survey 5.329 A  Survey 6.320	5 Balangan	New	2,172	16,399.8	9,009.4	17.60	7,390.4	3.40	1.82	18,460	U	Ą	7
FENGAH  Exist 165 406.1 240.4 16.97 165.7 1.00 1.69 660 C D  Exist 186 457.8 206.7 21.74 251.1 1.35 2.21 740 A C  Exist 166 406.1 240.4 16.97 165.7 1.00 1.69 660 C D  Exist 166 406.1 240.4 16.97 16.57 1.00 1.69 660 B C  Exist 166 406.1 240.7 24.7 1.34 1.17 1.91 2.83 640 B C  Exist 160 399.8 139.4 27.0 244 1.79 2.83 640 A C  New 6.223 48.512.4 27.112.6 17.58 21.399.8 3.44 1.79 29.120 C A  New 3.27 17.738.5 9.828.9 17.73 7.929.6 3.48 1.81 21.640 C D  Exist 214 34.7 24.9 11.99 52.1 0.24 1.18 560 E E  New 3.47 2.260.9 768.7 26.19 1.492.2 4.30 2.94 2.720 A A  Exist 392 656.2 422.7 15.48 213.5 0.54 1.59 59.10 C D  Exist 270 457.8 218.2 15.82 16.977.8 2.64 1.59 59.10 C D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.37 1.52 43.450 C B  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  Exist 270 457.8 218.1 21.40 239.7 0.80 2.42 1.770 A A  Exist 270 457.8 218.1 21.40 239.7 0.80 2.42 1.770 A A  Exist 270 457.8 218.1 21.40 239.7 0.80 2.42 1.770 A A  Exist 270 457.8 218.2 21.50 2.25 294.70 0.80 2.72 1.720 A  Exist 270 470 A D  Exist 270 A	6 Pitap	New	3,734	29,109.0	16,110.5	17.73	12,998.4	3.48	1.81	35.470	υ	∢	7
TENGAH  Exist 165 406.1 240.4 16.97 165.7 1.00 1.69 660 C D  Exist 186 457.8 206.7 21.74 251.1 135 2.21 740 A C  Exist 166 406.1 212.7 19.01 193.4 1.17 1.91 660 B C  Exist 166 406.1 212.7 19.01 193.4 1.17 1.91 660 B C  Exist 166 406.1 212.7 19.01 193.4 1.17 1.91 660 B C  New 5.223 48.512.4 27.112.6 17.58 21.399.8 3.44 1.79 59.120 C  New 5.228 48.512.4 27.112.6 17.58 21.399.8 3.44 1.79 59.120 C  Exist 178 289.2 192.1 15.48 97.1 0.55 1.51 470 C  Exist 214 347.0 294.9 11.99 52.1 0.24 1.18 560 E E  Exist 214 347.0 294.9 11.99 52.1 0.24 1.18 560 E  Exist 99 163.7 130.6 12.82 16.977.8 2.64 1.59 55.130  Exist 270 457.1 2.1 15.48 213.5 0.54 1.50 1.03 C  Exist 270 457.1 2.1 15.48 213.5 0.54 1.50 1.20 D  Exist 270 457.1 2.1 15.48 213.5 0.54 1.50 1.20 D  Exist 270 457.8 218.1 21.40 229.7 0.39 2.10 740 A D  Exist 270 457.8 218.1 21.40 229.7 0.39 2.10 740 A D  New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.37 1.52 43.450 C  Exist 270 665.0 22.55 947.0 3.16 2.42 1.70 A A  1.170 A A  2.172.0 A A  2.24 47.12			6,443							55,610			
Exist   165   406.1   240.4   16.97   165.7   1.00   1.65   660   C   D													
Exist 186 457.8 206.7 21.74 251.1 1.35 2.21 740 A C Exist 166 406.1 212.7 19.01 19.34 11.7 1.81 660 B C B C Exist 166 393.8 139.4 251.4 1.59 2.83 640 A C Exist 160 393.8 139.4 26.14 801.1 1.56 2.72 2.060 A C C Exist 2.78 17.758.5 9.828.9 17.75 21.359.8 3.44 1.79 28.00 C A S.520 17.758.5 9.828.9 17.73 7.929.6 3.48 11.81 21.640 C A S.520 Exist 214 34.70 2.94.9 11.99 52.1 0.25 11.51 470 C D Exist 214 34.70 2.94.9 11.99 52.1 0.24 11.8 560 E E Exist 214 34.70 2.94.9 11.99 52.1 0.24 11.8 560 E E Exist 214 34.70 2.94.9 11.99 52.1 0.24 11.8 560 E E Exist 99 163.7 130.6 12.82 33.1 0.33 11.25 2.70 D Exist 270 457.8 218.1 21.40 2.39.7 0.39 2.10 740 A D Exist 270 457.8 218.1 21.40 2.39.7 0.39 2.10 740 A D Exist 270 457.8 218.1 21.40 2.39.7 0.39 2.10 740 A D Exist 270 1612.0 665.0 2.25 947.0 3.16 2.42 17.70 A A A 27.250.3 0.24 17.50 2.37 17.50 2.02.9 17.70 A A 27.250.3 0.24 17.70 A A 27.70 0.24 17.70 A 27.70 0.24 17.70 0.24 17.70 A A 27.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70 0.24 17.70	1 Tolang	Exist	165	406.1	240.4	16.91	165.7	1.00	1.69	099	ບ	Q	4
Exist 166 406.1 212.7 19.01 193.4 1.17 1.91 660 B C Exist 515 1.267.5 464.4 27.07 254.4 1.59 2.83 640 A C C S New 5.223 48.512.4 27.112.6 17.58 21.399.8 3.44 1.79 59.120 C A C S New 2.278 17.758.5 9.828.9 17.73 7,929.6 3.48 1.81 21.640 C A C S New 3.47 2.260.9 17.73 7,929.6 3.48 1.81 21.640 C A S S S S New 3.47 2.260.9 17.73 7,929.6 3.48 1.81 21.640 C B S S S New 3.47 2.260.9 768.7 26.19 1.492.2 4.30 2.94 2.720 A A A A S S S New 5.47 2.260.9 768.7 26.19 1.492.2 4.30 2.94 2.720 A A A S S S New 5.47 2.260.9 768.7 26.19 1.492.2 4.30 2.94 2.720 A A S S S New 5.47 2.260.9 768.7 26.19 1.492.2 4.30 2.94 2.720 A A S New 5.427 1.123 28.733.42 15.82 16.977.8 2.64 1.59 55.390 C B Exist 99 163.7 130.6 12.82 33.1 0.33 1.25 270 B E Exist 99 163.7 130.6 12.82 33.1 0.33 1.25 270 B E Exist 270 4.778 2.181 2.140 2.397 0.389 2.10 740 A B D S S New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.37 1.52 43.450 C B S New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.37 1.52 43.450 C B S S New 5.328 36.780.0 24.175.5 15.19 12.604.6 2.37 1.52 43.450 C B S S S S S S S S S S S S S S S S S S	2 Tapuk	Exist	186	457.8	206.7	21.74	251.1	1.35	2.21	740	₹	Ü	2
Febre 160 393.8 139.4 27.07 254.4 15.9 2.83 640 A C	3 Tamiyang	Exist	166	406.1	212.7	19.01	193.4	1.17	1.91	999	æ	Ü	т
Exist 515 1,267.5 466.4 26.14 801.1 1.56 2.72 2,060 A C New 6,225 48,512.4 27,112.6 17.58 21,599.8 3.44 1.79 59,120 C A 9,693 17,738.5 9,828.9 17,73 7,929.6 3.48 1.81 21,640 C A 8,5520.    Exist 178 289.2 192.1 15.48 97.1 0.55 1.51 470 C B 85,520.    New 347 2,260.9 768.7 26.19 1,99 52.1 0.24 1.18 560 E E E E E E E E E E E E E E E E E E E	4 Baruh Hawang	Exist	160	393.8	139.4	27.07	254.4	1.59	2.83	640	<	ပ	2
New 6,223 48,512.4 27,112.6 17.58 21,399.8 3.44 1.79 59,120 C A 9,693	7 Mangunang	Exist	515	1,267.5	466.4	26.14	801.1	1.56	2.72	2,060	∢;	U	7
SELATAN  SELATAN  Exist 178 289.2 192.1 15.48 97.1 0.55 1.51 470 C B  Exist 214 347.0 294.9 11.99 52.1 0.24 11.8 560 E E E  Exist 214 347.0 294.9 11.99 52.1 0.24 11.8 560 E E  Exist 214 347.0 294.9 11.99 52.1 0.24 11.8 560 E  New 347 2.260.9 768.7 261.9 1.492.2 4.30 2.94 2.720 A  New 6,432 45,711.23 28,733.42 15.82 16,977.8 2.64 1.59 55.390 C  Exist 392 636.2 422.7 15.48 213.5 0.54 1.50 1.030 C  Exist 392 636.2 422.7 15.48 213.5 0.54 1.50 1.030 C  Exist 392 636.2 422.7 15.48 213.5 0.34 1.25 43,450 C  Exist 392 86,780.0 24,175.5 15.19 12,694.6 2.37 1.52 43,450 C  New 5,328 36,780.0 24,175.5 15.19 12,694.6 2.37 1.52 43,450 C  Synchronia	9 Barang Alai	New	6,223	48,512,4	27,112.6	17.58	21,399.8	3.44	1.79	59,120	ပ	₹'	7
SELATAN  Exist 178 289.2 192.1 15.48 97.1 0.55 1.51 470 C D  Exist 214 347.0 294.9 11.99 52.1 0.24 11.18 560 E E  Exist 214 347.1 23 28.733.42 15.82 16.977.8 2.64 1.59 55.390 C  Exist 392 636.2 422.7 15.48 213.5 0.54 1.59 55.390 C  Exist 392 636.2 422.7 15.48 213.5 0.54 1.50 1.030 C  Exist 370 457.1 21.18 21.40 239.7 3.8 2.10 740 A  Exist 270 457.8 218.1 21.40 239.7 3.89 2.10 740 A  New 5,328 36,780.0 24,175.5 15.19 12,604.6 2.37 1.52 43,450 C  Sign 39, 1,612.0 665.0 22.55 947.0 3.16 2.42 1.770 A  A 7,260  Sign 32,723 22,723	10 Barabai	Nev	2,278	17,758.5	9,828.9	17.73	7,929.6	3.48	1.81	21,640	IJ	4ζ	2
Exist 178 289.2 192.1 15.48 97.1 0.555 1.51 470 C D E E E E Size 214 347.0 294.9 11.99 52.1 0.24 11.18 560 E E E E E E E Size 214 2.260.9 768.7 26.19 1.492.2 4.30 2.94 2.720 A A A A 7.17.	Sub-Total		6693							85,520.			
Exist 178 289.2 192.1 15.48 97.1 0.55 1.51 470 C D  Exist 214 347.0 294.9 11.99 52.1 0.24 11.18 560 E E  New 347 2.260.9 768.7 26.19 1,492.2 4.30 2.94 2,720 A A  7.171 45,711.23 28,733.42 15.82 16,977.8 2.64 1.59 55.390 C A  Exist 392 636.2 422.7 15.48 213.5 0.54 1.50 1,030 C D  Exist 99 163.7 130.6 12.82 33.1 0.33 1.25 270 D E  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  New 5,328 36,780.0 24,175.5 15.19 12,604.6 2.37 1.52 43,450 C B  6,389 47.20 22.55 947.0 3.16 2.42 1,770 A A  270,250													
wujaan         Exist         214         347.0         294.9         11.99         52.1         0.24         1.18         560         E         E           yu Habang         New         54.32         45,711.23         28,733.42         15.82         16,977.8         2.64         1.59         55,390         C         A           b-Total         7,177         45,711.23         28,733.42         15.82         16,977.8         2.64         1.59         55,390         C         A           b-Total         7,177         45,711.23         28,733.42         15.82         16,977.8         2.64         1.59         55,390         C         A           b-Total         5,177         45,711.23         28,733.42         15.82         16,977.8         2.64         1.59         55,390         C         A           mpain         Exist         99         163.7         15.48         213.5         0.54         1.59         1,79         A         D         E           sakan         New         5,328         36,780.0         24,175.5         15.19         12,604.6         2.37         1,770         A         A           bylan         New         5,328         3	2 Tayub	Exist	178	289.2	192.1	15.48	97.1	0.55	1.51	470	ပ	a	4
yu Habang         New         347         2,260,9         768.7         26.19         1,492.2         4.30         2.94         2,720         A         A           b-Total         New         6,432         45,711.23         28,733.42         15.82         16,977.8         2.64         1,59         55,390         C         A           b-Total         7,17;         45,711.23         28,733.42         15.82         16,977.8         2.64         1,59         55,390         C         A           print         Exist         99         163.7         15.48         213.5         0.54         1,50         1,030         C         D           swkan         Exist         99         163.7         130.6         12.82         33.1         0.34         1,25         D         E           swkan         New         5,328         36,780.0         24,175.5         15.19         12,604.6         2.37         1,52         43,450         C         B           bullan         New         5,328         36,780.0         24,175.5         15.19         12,604.6         2.37         1,770         A         A           bullan         New         5,389         1,612.0	5 Pamujaan	Exist	214	347.0	294.9	11.99	52.1	0.24	1.18	260	115	<b>α</b> 1	V١
b-Total New 6.432 45,711.23 28,733.42 15.82 16,977.8 2.64 1.59 55,390 C A 7,171 2171 28,733.42 15.82 16,977.8 2.64 1.59 55,390 C A 5,170	9 Kayu Habang	New	347	2,260.9	7.68.7	26.19	1,492.2	4.30	2.94	2,720	<	∢;	<b></b> 4
b-Total         7.171         59,140           mpain         Exist         392         636.2         422.7         15.48         213.5         0.54         1.50         1,030         C         D           aux Pinang         Exist         270         457.8         218.1         21.40         239.7         0.39         2.10         740         A         D           pin         New         5,328         36,780.0         24,175.5         15.19         12,694.6         2.37         1.52         43,450         C         B           bulban         New         300         1,612.0         665.0         22.55         947.0         3.16         2.42         1,770         A         A           o-Total         6,389         1,612.0         665.0         22.25         947.0         3.16         2.42         1,770         A         A           2-1ctal         32,723         2,2723         2,0250         2,0250	10 Amandit	New	6,432	45,711.23	28,733,42	15.82	16,977.8	2.64	1.59	55,390	ပ	-₹	64
mpain         Exist         392         636.2         422.7         15.48         213.5         0.54         1.50         1,030         C         D           aux Pinang         Exist         270         457.8         218.1         21.40         239.7         0.59         2.10         740         A         D           pin         New         5,328         36,780.0         24,175.5         15.19         12,604.6         2.37         1.52         43,450         C         B           bulban         New         300         1,612.0         665.0         22.55         947.0         3.16         2.42         1,770         A         A           bulban         6,389         1,612.0         665.0         22.55         947.0         3.16         2.42         1,770         A         A           2-1 ctal         32,723         22,723         22.55         947.0         3.16         2.42         1,726	Sub-Total		7.17.		•		·			59,140			
mpain         Exist         392         636.2         422.7         15.48         213.5         0.54         1.50         1,030         C         D           caken         Exist         99         163.7         130.6         12.82         33.1         0.33         1.25         270         D         E           au Pinang         Exist         270         457.8         218.1         21.40         239.7         0.89         2.10         740         A         D           pin         New         5,328         36,780.0         24,175.5         15.19         12,604.6         2.37         1.52         43,450         C         B           bulban         New         5,328         36,780.0         24,175.5         15.19         12,604.6         2.37         1,770         A         A         A           bulban         6,389	MAVI									•			
Exist 99 163.7 130.6 12.82 33.1 0.33 1.25 270 D E  Exist 270 457.8 218.1 21.40 239.7 0.89 2.10 740 A D  New 5,328 36,780.0 24,175.5 15.19 12,604.6 2.37 1.52 43,450 C B  New 300 1,612.0 665.0 22.55 947.0 3.16 2.42 1,770 A A  1 6,389 47.23 27.23	2 Pampain	Exist	392	636.2	422.7	15.48	213.5	0.54	1.50	1,030	ပ	ū	4
Exist         270         457.8         218.1         21.40         239.7         0.89         2.10         740         A         D           New         5,328         36,780.0         24,175.5         15.19         12,604.6         2.37         1.52         43,450         C         B           New         300         1,612.0         665.0         22.55         947.0         3.16         2.42         1,770         A         A           1         6,389         47,260         A         47,260         A         A           2,7723         22,723         270,250         A         A         A         A	4 Tarakan	Exist	8	163.7	130.6	12.82	33.1	0.33	1.25	270	Ü	μ	¥'n
New 5,328 36,780.0 24,175.5 15.19 12,604.6 2.37 1.52 43,450 C B New 300 1,612.0 665.0 22.55 947.0 3.16 2.42 1,770 A A 6,389 47,260 22.55 247.0 3.16 2.42 1,770 A A 2,723	5 Pulau Pinang	Exist	270	457.8	218.1	21.40	239.7	0.89	2.10	740	<b>∀</b>	a	m
New 300 1,612.0 665.0 22.55 947.0 3.16 2.42 1,770 A A 47,265 32,723 27,723	8 Tapin	New	5,328	36,780.0	24,175.5	15.19	12,604.6	2.37	1.52	43,450	O	മ	65
1 6,389 32,723	9 Labuhan	Nev	300	1,612.0	665.0	22.55	947.0	3.16	2.42	1,770	∢	4;	<b>~</b>
32,723	Sub-Tetal		6,389							47,26C			
	Total		32,723							270,250			

Note: a/: At discount rate of 10 %

Table 3.5 Economic Comparison of Drainage Project and Ranking of Prior Schemos

			ļ	J. 100000	-conomic					Appe		Kunkina	
Kubupaten	Type of	Level of	Area	Benefic	Cost	EIRR	O H	3-C/R	B,C	Increment	1	-	
Name of Mereme	Scheme	inprovement	(Jls)	NPV */	(Ro.74N)	8	(Ra MN)	* (80.N2N/ha)	સ	(suct)	YX.	8 C (18	Xenk
TABALONG													
2 S.Remping	Exist	W/O to T-E	9	2,255.8	595.9	32.10	1,660.0	2.77	3.79	890	<	∢	<b>,</b> ,
3 S.Paliat	Exis	W/O to I-I	475	1,773.6	513.6	98.67	1.260.0	2.65	3.5	20	<	<:	- (
S. Staping	Exist	W/O to 1-D	150	560.0	213.9	23.93	246.1	2.31	7.62	277	< ∙	M I	7
5 S.Bintro	E. S.	W/O to T-D	8	373.3	124.5	26.70	228.0	2.49	33.08	91	~;	<b>6</b> )	C1 .
o S.Nanti	Exist	W/OB1-D	500	1,035.6	251.6	33.65	0 12	3.92	4,12	230	< 1	< 1	<b>-</b> 4 ·
7 Jamuci	N.C.	W/OBT-E	150	2467	403.5	13.55	143.2	0.95	135	2	ה	Δ,	4
S Bangkiing	New W	W/O to T.E	6.00 00	5.55	1.007.8	14.40	450.1	1.13	1.45	523	U	ပ	m
9 Pulsu Kur	New	W/O to T-E	230	1,020.4	995.3	10.27	25.1	0.09	8	370	ш	ψì	S
Sub-Total			2,355							3,340			
HULU SUNGAI UTARA													
1 S.Pinano Liabane	Frid	W/O to T.D	906	7.540.9	1.973.7	32.34	5.567.2	2.79	3.82	2.910	⋖	ব্	
2 2 3 3 2 Mandi	y.	WOBTO	360	2.651.4	1,439.1	18.59	1.212.3	0.39	3	1.980	ıή	(م	(1)
3 R Presso Kara	Planned	W.O.S.L.D	4 600	20.74×.6	207.1	22.74	12.351 5	2.69	2.47	13.050	4	<b>*</b>	_
Sub-Toyal	3	7 - 24 2/1	7.055	100	1	i		ì	: }	17.00	į		
MY UNGO, LY UNIO : I IIII			7										
10.000	i.	G T a CW	Ş	1 120 9	\$125	20.80	6192	30.6	106	737	<	α	·
1 N. 1 M. 5		5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 5	0.000	4 4 7 7 7	20.00	0.010	300	18	619	Ç p	۲ (	٠,
S. Saranin	у. П	4/Q 2/-	3.5	7.77	77777		2,000	, c. c	3 -	700.1	۹.	3 ¢	۰ ،
4 18 Vernangi Karabat	i XI	41 G C/A	200	2,047.	7,45,77	27.70	0.696,0	C. C.	100	7.To	∢ •	ŋ.	۷.
6 S.Sirting	×o.	0/A	2200	11,357.5	4,027.0	01.07	2005	7.57	2007	150	< ∙	<	-4 (
7 Bujai	×°.	W/O to 1.10	80	3,634.4	1,390.2	25.07	2,334.2	2.92	2.80	2,240	<	<	<b>y-</b> -1
Sub-Total			7.434							15,840			
HULE SUNGAI SELATAN													
Tr. Lungkan	Exist	W/C to T-E	2,005	7,602.1	2,041.3	31.69	5,560.7	2.77	3.72	2,950	4	<	-1
2 To Pensachan	Frist	W/O to T.E.	200	1.995.4	808.2	22.81	1,187.2	2.37	2.47	85	∢	ω	61
S X Ziang	14. F	WO to T-D	200	5.981.0	1.389.4	35.50	4.591.6	93.00	4.30	2.350	<	·*C	,,.
A Time Babalton	Trice in	WORT	Ş	2,407.2	820	26.00	1.578.0	2.63	28	9.0	<	<	-
S C Tabilla	ų,	C	Ş	. 26.	× 567	22.25	7 007	2.33	2.43	470	. ≺	tı	· 6
2 O. Sept.	4 3 3 6	2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P	850	10.651	4.685.8	7. 7.	14.0004	100	0. 4	1 280	٠.	1 ⊲	۱ -
Section of the sectio	á i	9 F 5 C 20	33	7.700.7	2 406.3	97.70	63187	25.0	) (*  -	200	( <	<b>.</b>	1 **
S R-TECHNICAL	r Lamber	3,00	3	100	2,707.0	3 4	4.010	904	40	200	٠ <	٠,	٠.
2. K. C. 27. 5	Figures	2 S	3	5,814,0	706	3 6	7017	3 6	9 9	3	٠,	٠.	٦,
10 K. Negara Extension	Panck!	2.5	A .	2,27,2	9 6	7-07	0.515.5	20.0	7 .	1,400	۲,	₹•	٠.
1. S.Hscangen	₹ 	G-1.9 Q/M	5,3(3)	18,126.2	2.567.0	15/7	0.000.	1.0	, i	11,600	< •	٠,	٠.
12 S.Batzerg Ala	Š	W/O Poli-D	3	7,155.1	7.785.4	777	1	67.5	5.15	3	4	< ∙	. <b>-</b> 4 ,
15 Tiejas Lenga	***	W/O to T-D	8	23,850.3	7,619.7	15.12	16,231.1	27.5	3.13	15,000	<	<	~,
Sub-Total			23,905							55.920			
TAPIN													
1 S.Udul	iğ Li	W/O to T-D	1,000	3,997.7	7.72	32.30	2,950.2	2.95	3.82	1,580	≺	∢	1
2 R.Muning	i i	WO TO THE	8.000	31,614.7	8,185.3	32.63	23,429.6	2.93	3.86	12.000	∢	∢(	
3 S.Garis Hatar	Ŋ.	W/Objection	000	3,991.1	7.06	33.66	2,998.7	3.8	4. S	1,570	∢	⋖	_
4 S.Tapin Gadung	F.Y.S.	W/OR T-D	1.00	3,984.6	1,186.0	29.53	2,798.6	2.80	3.36	.560	∢	<	
5 S Pinane Baharie	Ų.	W/O to T.E.	303	1.185.6	413.6	25.50	66.9	2.56	2.83	82	∢	K	p- 0
6 & Belani	Syic	WO to T.E.	2.750	10.974.7	3.094.0	30.50	7.880.7	2.87	3.55	4.320	∢	⋖	
7 S Damar	Ž d	W/O to TD	1.250	4.980.8	1.191.9	34.68	3,788.9	2.03	4,18	1.550	<	. ∢	4-4
T. T. Rabanus	Tana C	WO to Tab	000	6 5.60 1	2.686.8	28.74	6.853.4	3,43	3.55	9009	∵ ≺	<	•-
12 W. Marine Procession	Planned	WO WITH	200	2,40	4.225.4	20.97	5.114.7	565	2.26	9009	: ∢	. ⊲.	•-
15 W Merica 2nd Extracion	New Y	T-T-u-C/W	000	. 075 6	< 215.3	21.14	5 325 8	7 66	2.26	000	<	. ≺	
Sub-Total	į	2	21 300		i		!			41,430			
Total			62.9:9							134,470		•	
# C													

Note: al. At discount rate of 10% WO; without Project T.E.; Type E T.E.; Type E

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Table 3.6 Economic Comparison of Polder Project and Ranking of Prior Schemes

			Economic	Economic							Ranking	}
Kabupaten/ Name of Scheme	Type of Scheme	Area	Benefit NPV a/	Cost NPV a	EIRR	B-C	B-C/ha a'	β, Β,	Paddy Increment	EIRR	EIRR B-C/ha	Rank
		(ha)	(Rp.MN)	(Rp.MN)	(%)	(Rp.MN)	(Rp.MN) (Rp.MN/ha)		(tons)			
TABALONG I Ampukung	Ēxist	418	369.7	300.4	12.89	69.3	0.17	1.23	710	Д	(LL)	Ŋ
HULU SUNGAI UTARA 2 Bakar	Exist	2,344	2,070.5	1,533.1	14.37	537.5	0.23	1.35	3,960	Ų	ពវ	7
4 Kaludan	Exist	2,300	2,204.7	440.3	195.44	1.787.1	0.77	5.51	4,200	₹	Ы	κ,
6 Simpang Empat 7 Alabio	Exist Exist	1,274	994.6 33,977.5	238.1 6,948.2	104.20	756.6 27,029.3	0.59 6.01	4.18 4.89	1,910 38,250	स र	Q ₹	m +-1
Sub-Total		10,418							48,320			
Total		10,836							49,030			

Note: a/; At discount rate of 10 %

Table 3.7 Economic Comparison of Fishery Project and Ranking of Prior Schemes

Kabuparen/	Type of	f Lavel of	Project Area	Economic Benefit	Economic Cost	EIRR	ς Υ	B-C/hz	B/C	Shrimp Increment	) (	Ranking	-  -
Name of Scheme	Schem		(Pa)	(Rp.MIN)	a/ (Rp.MM) (Rp.MN)	(%)	a/ (Rp.MN) (Rp.MN)	(Rp.MN)	हिं	(1000 ton)	THE	47/74 47/74	뜇
HULU SUNGAI UTARA	New		200	1,068.6	388.9	31.30		08.9	2.75	0.04	4	∢(	
		W/P short-term to medium-term	1.000	24,679.7	6,568.5	39.82	18,111.1	18.11	3.76	1.16	₹	<(*	<b>1-4</b>
TAPIN 2 Margasari	New	W/O to W/P long-term	2,000	84,926.1	32,401.4	38.50	52,524.7	26.26	2.62	4.80	4	∢	FH

Note: af, Net present values at discount rate of 10%

Table 3.8 List of Aliensative Development Plans (1,2)

			11	Pinp (Kab. H.S.U.	TS:C;				Barang Alas (Kab. H.S.T.)	Kab. H.	();			Baraba: (Kab. H.S.T.	5. H.S.T		Chin ha)
8,2	Component of Scheme	Field Condition	Field Name of Scheme Condition included in	WOIP		W/P		Name of Scheme included in	d/OM		<i>4</i> /₩		Name of Senture included in	WOR		e/⁄≱	
			'	¥	È	NG.	Š	Component	Wet	È	να Μα	Š	Comporters	ž.	Š	14.00	Š
ri.	<ol> <li>New impation Scheme</li> </ol>	Imigated Rainfed Drainage	(Pitap)	9,734	φο '	3,734 0	3,734	(Batang Alai)	0 6.223	00'	6,223	6,223	(Barabai)	2,278	00'	2,278 0	2,278
ci	New Irrigation Scheme + Water Supply to Existing Drainage Scheme	irrigated Ramfed Drainage	irrigated Ranfed Drainage - Bati Mandi	3,734 785	<b>0</b> 00	3.734 0 287	4,519 0 0	- Tg.Semanggi Kambat	6.223 6.00 6.00	000	6.823 0 0	6.823 0 0	- Ig Jaranin	2,278 800	000	3,078	3,078 0 0
<b>લ</b> ાં	New Ingation Scheme + Supplemental Water Supply to Existing Irrigation Scheme Located within Commend Area of New Irrigation Scheme	Irrigated Rainfed Drainage	- Suapin, Lok Batu	0 4,292	00'	4.292 0	4444	- Iniangan, Kehekan	0 (25,3	oo'	6,627 0	7. 0 ,					1 1 1
1Î	New Irrgation Scheme + Water Source Conversion of Existing Irrigation Scheme Located within Command Area of New Irrigation Project	Lrigated Ranfed Drainago				1 1 1	( ) 1	- Irlangan, Kabakan	815 6,527	00'	7,422	24.7.					
ý	6. Comlex (Case 1 + 2 + 4)	Imgated Rainfed Drainage	trigated - Suapin, Lok Batu Ranied Drainage - Bata Manéi	232 4,292 785	800	4,524 0 785	5309	- Intungan, Kabakan - Tg.Semanggi Kambat	1,553 6,627 600	738 0 0	8,780 0 0	8,730 0 0	! !		1 1 1		• • •

Table 3.8 List of Alternative Development Plans (2/2)

(Cnit: he)

			1	Amandit (Kab. H.S.S.)	35. H.S.				Tsoin (Kab, Tapin)	(h. Tapin)		
8 8	Component of	Field .	Name of Scheme included in	e/OM	<u> </u>	φ.γs		Name of Scheme included in	₩O.W	e.	0/A	
į	- Carrette		Component	Wa	है	n'w	ζ	Component	স্	5	WG	à
<u></u>	New Irrigation Scheme	irrigated Rainfed	(Amardit)	6,432	00	6.432	5.393	(ujde <u>T</u> )	3,228	00	5,328 0	3,452
		Jranage Bush							2,160	2,100	. 0	, 0
લ	New Irrigation Scheme + Water Supply to Existing Drainage Scheme	Irrigated Rainfed Drainage Bush			, , , ,			- Piotu Air	0 3,228 460 2,100	2,100	5,728 0 0 0	3,852 0 0 0
ej.	New Irrgation Scheme + Supplemental Water Supply to	Irrigated	- Tayub. Nunungin. Kuangan, Hawati.	C	ဂ	7,042	5,393	- Pempain	0	0	5,818	3,452
	Existing Imparcos Scheme Located within Command Arna of New Imparion Scheme	Rainfed Drainage Bush	14E	7.042	٥''	٥.,	٥,,		3.718	2,100	ତ ' ଦ	0'0
Ą	New Irrgation Scheme + Water Source Conversion of	lrigated	- Tayub, Nunungin. Kunngan, Hawan.	535	0	7,577	5393	- Pampein, Lucutan	392	0	6,510	3,452
·	Existing interior Scheme Located within Command Area of New Irrigation Scheme	Rainfed Drainage Bush		7.042	o''	o''	٥''		4,018	2,100	0.6	0'0
หา	New Irrigation Scheme + Water Source Conversion of Existing Irrigation Scheme Located within and ground	Linguad	- Tayub, Numungir, Kuangan, Hawan, Taal, TLangsat, Pamujan, lamu,	2,426	ပ	11,399	5,393	- Pampain, Labuhan. Lok Paikat, Nupadang, P.Pinang, Pampanang, Binuang	2.559	*	650'6	3,452
	Command Area of New irrigation Scheme	Rainfed Drzinage Bush	Kayu Habang	8,973	0''	ο''	φ''		4,380	2,100	0,0	0 '0
vó	Comkx (Case 1 + 2 + 4)	Irrigated Rainfed Dwinge Bush	Same as Case 4					- Pampain, Labuhan - Pinda Air	392 4,018 400 2,100	0 0 2,100	6.910 0 0 0	3,852 0 0
۲.	Dem + Case 4	irrigated Ramfod Dramage Bush		535 7,042	00''	7.5.7	7.577		392 4,618 2,100	0 0 2,100	6.510 0	6.510

Table 3.9 Economic Comparison of Alternative Development Plans of Imigation Schemes and Ranking

Alternative/ Name of Scheme	Case No.	Area (ha)	Economic Benefit NPV a/ (Rp.MN)	Economic Cost NPV a/ (Rp.MN)	EIRR (%)	B-C 2' b' (Ro,MN)	B-C/ha a/ b/ (Rp.MN/ha)	B/C	Padoy Increment (tons)	Ranking EIRR B-C/ba	anking 3-C/ha	Rank
HULU SUNGAI UTARA 6 Pizp	Case 1 Case 2 Case 3 Case 6	3,734 4,519 4,444 5,309	29.109.0 33,002.3 34,107.2 38,349.1	16,110.6 19,410.4 20,946.0 25,933.6	17.73 16.80 16.16 14.80	12,998.4 13,591.9 13,161.1 12,415,4	3.48 3.01 2.96 2.34	1.81 1.70 1.63 1.48	35,470 40,970 41,610 47,730	υυυυ	ধৰবৰ	2000
HULU SUNGAI TENGAH 9 Bazag Alai	Case 1 Case 2 Case 3 Case 4 Case 6	6,223 6,823 7,442 7,441 8,780	48,512.4 53,189.8 55,137.2 56,047.8 62,374.5	27,112.6 29,768.5 32,815.6 35,934.2 38,116.4	17.58 17.58 16.62 15.55 16.28	21,399.8 23,421.3 22,321.6 20,113.6 24,258.1	3.43 3.43 2.70 2.70	1.79 1.79 1.68 1.56	59,120 64,820 67,440 69,070	00000	<b>यययद</b>	00000
10 Barabai	Case 1 Case 2	2,278 3,078	17,758.5 23,995.1	9,828.9	17.73	7,929.6 8,396.1	3.48 2.73	1.81	21,640 29,240	υυ	<< <	77 77
HULU SUNGAI SELATAN 10 Amandi	N Case 1 Case 3 Case 5 Case 5 Case 6 Case 6	6,432 7,042 7,577 11,399 7,577	45,711.2 47,865.4 48,463.2 57,395.5 47,928.3 57,776.2	28,733.4 31,089.8 33,157.1 57,139.6 33,535.1 53,181.6	15.82 15.35 14.64 10.05 14.34 10.93	16,977.8 16,775.7 15,306.1 255.9 14,393.2 4,594.6	2.64 2.02 0.02 1.90 0.61	1.59 1.54 1.60 1.63 1.63	55,396 57,830 58,900 70,410 58,300 70,910	OOOMOM	よよみ目のひ	0 0 0 0 0 0 0 0
TAPIN 8 Tapin	Case 1 Case 2 Case 3 Case 4 Case 5 Case 6 Case 6	5,328 5,728 5,818 6,510 6,910 6,910	36,780.0 38,192.6 35,150.5 40,007.9 41,420.5 52,575.7	24,175.5 25,692.9 26,040.2 28,713.9 62,573.0 30,828.3	15.19 14.85 14.78 13.99 5.76 13.52	12,604.6 12,499.7 9,110.3 11,294.0 (21,898.9) 10,592.2 (16,519.8)	2.37 2.18 1.57 1.73 (2.42) 1.53 (2.54)	1.52 1.49 1.48 1.39 0.65 1.34	43,450 45,650 45,410 47,390 49,800 48,990 64,210	OOODWDW	<b>8 まりひまりま</b>	w w w 4 v √ v

Note: 4, At discount rate of 10% b/, Figures in parentheses indicate minus balance.

Table 3.10 Economic Cemparison of Combination Development of Drainage and Irrigation Schemes and Ranking

Kabupaten/ Name of Scheme	Arca	Economic Benefit	Economic Cost	EIRR	B.C	B-C/ha	B/C	Paddy Increment		Ranking	
	(ha)	NPV a/ (Rp.MN)	NPV a/ (Rp.MN)	(%)	a/ b/ (Rp.MN)	a' b' a' b' (Rp.MN/ha)	je	(tons)	EIRR	В-С/ћа	Rank
HULU SUNGAI UTARA 2 R.Batu Mandi											
- Drainage Scheme - Irrigation Scheme	1,360 785	2.651.4 3,592.7	1,439.1 3,256.2	18.59	1,212.3 336.4	0.89 0.43	1.84	1,980 4,320	щщ	Ωш	m m
Total	2,145	6,244.0	4,695.3	13.43	1,548.8	0.72	1.33	6,300	Ð	Ω	77
HULU SUNGAI TENGAH											
- Drainage Scheme	1,194	2,234.7	1,177.7	19.07	1,057.0	0.89	1.90	1,890	B	Д	'n
- Irrigation Scheme	800	7,322.6	3,657.2	19.30	3,665.4	4.58 82.4	2.00	8,800	മ	∢;	7
Total	1,994	9,557.4	4.835.0	19.25	4,722.4	2.37	1.98	10,690	ф	മ	N
4 Tg. Semangi Kambat			7	0	2 000 2	ć	•	00,	•	ρ	¢
- Drainage Scheme	5,045 545 545 545 545 545 545 545 545 545	0,040,7 0,000,7	7.749.7	25.58	3,8%6.5	2.23	 	4,100	ζ (	Q <	4 C
- imganon scheme Total	3,240	14,139.7	5,283.1 6,034.3	10.31 22.24	8,105.4	2.50	2.34	10,780	<b>≯</b> (	<b>C</b> 40	7 77
TAPIN											
10 Don Finu Air - Drainage Scheme	400	330.1	460.2	6.43	(130.1)	(0.33)	0.72	630	ı	ı	ı
- Irrigation Scheme	804	3,661.3	2,388.0	15.25.	1,273.3	3.18	1.53	4,400	O.	₹'	7
Total	800	3,991.4	2,848.2	14.07	1,143.2	1.43	1.40	5,030	ပ	ပ	<i>(</i> 2)
Grand-totai	8,179							32,800			

Note: a/; At discount rate of 10% b/: Figures in parenthese indicate minus balance.

Table 3.11 Economic Comparison of Step-wise Development for Drainage Schemes and Ranking

Name of Scheme   Scheme   Improvement   Cha     Sull U SUNGAI UTARA   Planned   W/O to T-A     4,660   10     4,600   10     4,600   10     4,600   10     4,600   10     4,600   10     4,600   10     4,600   10     5,800   10     5,800   10     5,800   10     5,800   10     5,800   10     5,800   10     5,800   10     5,800   10     5,800   10     5,800   10     5,800   20     5,800	(Rp.MN) (Rp.MN) 3,558.3 17,190.3 20,748.6 2,955.1 15,191.1 18,126.2 1,158.6	NPV ai (Rp.MN) 3,491.7 5,416.2 8,397.1 2,094.4 4,117.8 3,793.2	(%) 10.23 28.02 22.74 14.67 31.45	(Rp.MN) (1 66.6 11,774.1 12,351.5	(Rp.MN/ha)	\$ ≨ `		crop	Q.75	J
Planned W/O to T-A 4,660 -do- T-A to T-D 4,600 -do- W/O to T-D 4,600 -do- W/O to T-A 3,800 -do- T-A to T-D 3,800 -do- W/O to T-D 3,800 -do- W/O to T-D 3,800 -do- W/O to T-D 1,500 -do- W/O to T-D 1,500 -do- W/O to T-D 1,500 -do- W/O to T-D 5,000 -do- T-A TO T-D 5,000 -do- W/P 2 to T-D 5,000		3,491.7 5,416.2 8,397.1 2,094.4 4,117.8 3,793.2	10.23 28.02 22.74 14.67 31.45	l			(rors)	ELP.		Xank
Planned W/O to T-A 4,660 -do- T-A to T-D 4,600 -do- W/O to T-D 4,600 -do- W/O to T-D 3,800 -do- W/O to T-D 3,800 -do- W/O to T-D 3,800 -do- W/O to T-D 1,500 -do- W/O to T-D 5,000 -do- W/O to T-D 5,000		3,491.7 5,416.2 8,397.1 2,094.4 4,117.8 3,793.2	10.23 28.02 22.74 14.67 31.45	66.6 11,774.1 12,351.5	,					
-do- T-A to T-D 4,600 -do- W/O to T-D 4,600  New W/O to T-A 5,800 -do- W/O to T-D 3,800 -do- W/O to T-D 3,800 -do- W/O to T-D 1,500 -do- W/O to T-D 1,500 -do- W/O to T-D 1,500 -do- W/O to T-A 5,000 -do- W/O to T-A 5,000 -do- W/O to T-A 5,000		5,416.2 8,397.1 2,094.4 4,117.8 3,793.2	28.02 22.74 14.67 31.45	11,774.1		1.02	13.050	កា	μ	V۳
-do- W/O to T-D 4,600 2. New W/O to T-A 5,800 1-do- W/O to T-D 3,800 1.500 1-do- W/O to T-D 1,500 1.500 1-do- W/O to T-D 1,500 1-do- W/O to T-D 1,500 1-do- T-A TO T-D 5,000 1-do- W/P 2 to T-D 5,000 2-do-		8,397.1 2,094.4 4,117.8 3,793.2	22.74 14.67 31.45	12,351.5	2.56	3.17	0	۱ <<	۱ حز	)
New W/O to T-A 3,800 -do- T-A to T-D 3,800 -do- W/O to T-D 3,800 -do- T-A to T-D 1,500 -do- T-A to T-D 1,500 -do- W/O to T-D 1,500 -do- W/O to T-A 5,000 -do- T-A TO T-D 5,000 -do- W/P 2 to T-D 5,000		2,094.4 4,117.8 3,793.2	14.67 31.45		2.69	2.47	13.050	4	Ą	
New W/O :o T-A 3,800 -do- T-A to T-D 3,800 -do- W/O to T-A 1,500 -do- T-A to T-D 1,500 -do- W/O to T-D 1,500 -do- W/O to T-A 5,000 -do- T-A TO T-D 5,000 -do- W/P 2 to T-D 5,000		2,094.4 4,117.8 3,793.2	14.67 31.45							
-do- T-A to T-D 3,800 1 do- W/O to T-D 1,500 do- W/O to T-D 1,500 do- W/O to T-D 1,500 do- T-A TO T-D 5,000 1 do- W/P 2 to T-D 5,000 2		4,117.8 3,793.2	31.45	840.7	0.22	3.40	10,760	U	ш	4
-co- W/O to T-D 3,800 1 New W/O to T-A 1,500 -do- T-A to T-D 1,500 -do- W/O to T-D 1,500 -do- W/O to T-A 5,000 -do- T-A TO T-D 5,000 1 -do- W/P 2 to T-D 5,000 2	_	3,793.2		11,073.4	2.91	3.69	<b>2</b>	⋖	<ξ,	<b>,</b> 4
New   W/O to T-A   1,500			27.41	14,333.0	3.77	4.78	11,400	∢	4;	
-do- T-A to T-D 1,500 -do- W/O to T-D 1,500 1;at: Largit New W/O to T-A 5,000 -do- T-A TO T-D 5,000 -do- W/P 2 to T-D 5,000		827.1	14.66	331.5	0.22	1.40	4.250	ပ	щ	44
-do- W/O to T-D 1.500 njar Langit New W/O to T-A 5.000 -do- T-A TO T-D 5.000 1 -do- W/P 2 to T-D 5.000 2		1,524.9	31.46	4.371.7	2.91	3.69	250	ď	₹	4-5
tjar Langit New W/O to T-A 5,000 -do- T-A TO T-D 5,000 -do- W/P 2 to T-D 5,000 2		2,285.4	27.42	4,869.7	3.25	3.13	4,500	∢;	⋖	r-1
-do- T-A TO T-D 5,000 1 -do- W/P 2 to T-D 5,000 2		2,756.2	14.67	1,105.8	0.22	1.40	14,160	ပ	ш	4
-do- W/P 2 to T-D 5,000 2	,	5,418.2	31.45	14,570.1	2.91	3.69	840	∢;	₹;	1
N'A PL	(4	7,619.2	27.41	16,231.1	3.25	3.13	15,000	∢;	4	<b>,</b> ¬
Muning Extension Planned W/O to T-D 2,000	.,	2,368.8	11.26	329.1	0.16	1.11	6,000	u	щ	Ŋ
-co- T-D to T-E 2,000	Ĭ	1,508.8	33.69	4,733.5	2.37	3.94	0	4,	∢	r-1
W/O to T-E 2,000	Ψ,	4,225.4	20.97	5,314.7	2.66	2.26	6,000	¥	<<	<b>-</b>
2,000	.,	2,827.6	11.43	370.2	0.19	1.13	6,000	řrj	阳	Ŋ
T-D to T-E 2,000	~	1,508.8	33.69	4,733.5	2.37	3.94	0	₹	kΩ	2
2,000	9,540.1	4,214.3	21.14	5,325.8	2.66	2.25	6,000	∢	<<	

Note: 4; At discount rate of 10 % W/O; without Project T-A; Type A T-D; Type D T-E; Type E

Table 4.2. List of brigation Schanzes with Operancies Cost (Financial Prices) and Packy Increment by Makapana and Realding

		Sab-ione				Huln Saran Ulan	1			Mac Strang	1.000			PALLE SUDAM SOUTH	South.		F	Tene				1001	
			1					18.14			į	200				k		ı	l			1	ķ
	Scheme	\$ <b>3</b>	Ara Cost (ba) (Ra.MCs)	d (g	Schene	£ (2)	Area Cox (he) (Rp.MN)	15 (see	Scheme	Ass. Con.	38	DG. (ida	Scheme	<b>A</b> (5)	(F)	(c) (c)	Scherre	<b>8</b>	S.W.S.	i page	įŝ	38 8 8	8 8
																					ı		
RANK 1	2 Jero Bawaii	g	g	300	•	co -	0	۰	•	٥	0	٥	٠	0	0	0		0	0	63	99	630	82.
Exist	School	ş	S	8	Sub-total	6	0	•	Sub-total	0	0	v	Sub-total	0	ပ	0	जिल्ला के लिल	0	Ç,	t;	8	98	8
RANK 2	3 Gereba	វ	ź	020	1 Peres	200	25	35	? Tapuk	186	23	740	•	Ó	٥	0		0	0	c	87.9 9	666	2,510
E E		ပ ဂ	0 0	00	. ,	00	00	00	4 B. Hawang	160 515	58	<b>3</b> 8	• •	00	00	00		00	00	೧೮	និង	i ș	88
	Sult-total	র	<b>9</b> ,	020'1	Sub-treat	84	32	85	Sub-total	36:	660	5. 14.0	Sub-test	ဂ	0	0	जिल-क्षेट्र	O	o	당	1303	1,812	5,210
RANK!	6 Kinarum	8	ងវិ	3,470	٠	01	01	0 (	•	c	0	01	9 K. Fabang	<b>X</b>	1,128	2,720, 9	Labuten	8,		1,770	8	3,428	7,560
- New	S Perturentar	3 2	ê	3,0		o 0	0	0 0		<b>5</b> 4	<b>5</b> 6	00	, ,	<b>3</b> (7	5 <b>5</b>	5 C	. •	o 0		<b>5</b> C	3 %	3 8	3.5
	9 33.0	3	2,089	5,670	•	0	0	0		0	0	0	•	0	0	o.	•	0	· C ·	0	3	2,085	5,470
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Note: 1/, For I given in science, combination downoppent is nonemented after the new development of the Bettog Als brigation achems.

Table 4.3 List of Polder Schemes with Construction Cost (Financial Prices) and Puddy Increment by Kabupatan and Ranking

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	Sub-total.	\$1.9	2,613	3,580	Sub-roos	\$57.9	11,408	41,160	Satherold.	20	0	ေပ	Sab-rotal	305,9	33%,21	32,5	100 A	1,20	22,817	25,430 57	32,55	10,72	28
SANK 2	Crabs	3.5	<b>%</b> §	920	1- Page	85.5	38		I. Tupuk	981	55		D. T. Progenius.	88	1,135	88		00	4) (	e c	827,1	7.7	3,300
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+ New	- Reporter	ន្តន	<b>Ž</b>	5.476	P. Alabio	96,	3,8,6		•	00	00		P. P. Carrie		98			2,000	2 6 2 6 3 6	900,9	5,725	19,057	12,960
	I. Suny Tajun		4	6.380 C		00	00	00		90	00	00	D- S.Hadangia D- S.B.Ale	88	8,095 3,195	11.400 4.500	P. Margami	2,000	32,448		3,3	3,195	5. 4 5. 8.
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ZANK 3	J. Sunga Kar		81	1,970	•	0	00	00	•	e :	0	0	•	ψ.	n •		I-Tapia	5,328	34,960	43,450	\$508	35,750	25.5
* Ne	ने स्थापनी करते था। स्थापनी स्थापनी	38	2,267	38	Sub-total	00	00	90	Sub-total	••		00	Sub-mala	00	00	90	Sub-tonal	5,728	34,960	43,450	6,00,0 80,00,0	37,207	8 8 8
RANK 4 ESC.	of D-Tentant D-Point Kun	21 %	585	88	I- Tundaken I- Susaio	233	388	88	I- Takeng	555	338	350	J. Tayab J. Postsien	178	28	8 38	I. Parapara I. Takion	88	85	1,036	1,118	2,379	2,980
ľ			¥.	5.0		4 0	5.	96'5	• •	90	00	00	 	00				0 0	00	00	2,762	207	4,670
	Sub-rotal	35 35	2,3%	1,280	Sab-mal	3,633	2,239	4,890	Sub-mul	165	38	99	Sub-mie.	392	3	1,030	Sub-rotal	<b>.</b>	3,	1300 57	4,830	6387	97.6
	Hose.	2,800	15,496	26,770	, oth	32,916	73,609	32, 370	Total	726,71	867,27	011,011	Total	31,076	87,443	125,560	Total	29,689	108,283	38,690	110,408	357,629	995,29
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It impactor science D: Dreinage scheme P: Polder scheme R: Riskery scheme Note: For Tg. Javanib scheme, conzinuation development is recommended after the new development of the Battag Alia imgains acterns.

Table 4.5 Estimate of Public Investment for Irrigation, Drainage, Polder and Fishery Projects

Accu- To		H.S.I	U Accu-	H.S.) To be	Accu-	H.S To be	Accir-	Tobe	pin Accu-	Tota To be	Total
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<b>⊢</b> i,	239	5,888	5,888	5,825	5,825	966'9	966,9	499.	8,664	28,612	28,612
i vi t	1,929 5,470	3,280 16,830	9,169 25,999	3,245 16,650	9,071 25,721	3,897 19,995	30,888 30,888	24,762	38,253	15,940 81,778	126,330
₹	<i>x</i>	35,720 31,719	61/18	35,125 80,845	80,845	97,086	980,16	81,983 120,236	120,435	397,080	597,766
, ii	239	5,888	5,888	5,825	5,825	966'9	966'9	8,664	8,664	28,612	28.612
40	1,853 4,200 9,604	2,520 11,155 25,684 45,547	8,809 19,964 45,647	2,889 11,036 25,409 45,159	8,714 19,750 45,159	5,469 13,253 30,514 54,231	10,465 23,718 54,231	4,297 16,413 37,789 67,163	29,373 29,373 67,163	14,190 54,203 124,800 221,805	42,802 97,005 221,805
17.	39	5.888	5.888	5.825	5.825	966'9	9669	8,664	8,664	28.612	28.612
1,804	48	2,685	8,574 16,874	2,657	8,482	3,190 9,861	10,186	3,951	12,615	13,049	41,661
6,62	<b>2</b> 5	14,632	31,506	14,476 31,169	31,169	17,384	37,431	21,529 46,356	46,356	71,099	153,090
7,	39	5.888	5,888	5,825	5,825	966'9	996	8,664	8,664	28,612	28,612
7.82	1,741 2,893	2,386 5,477	8,274	2,360 5,418	8,186 13,604	2,834 6,507	9,830 16,337	3,510 8,058	12,174 20,232	11,593	40,205
4	9/3	6,572 20,323	20,323	6,502 20,106	20,106	7,808 24,145	24,145	9,570 29,902	29,902	31,936 98,753	98,753

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E Science	3	35		600	ŝ	· -	• •	6,96,9	 4	1.135	2,55 17.59	2.048	100	) .	3,525	225	.067	13.453	59.57	200	2	100.12	ş	88		٥	0 4		100 E	
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Table 5.1 Estimate of Incremental Labor Requirement

	-		Present Cond	ition	Ņ	ith Project Co	ondition	
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		Area	Unit Labor Requirement	Total Labor Requirement	Area	Unit Labor Requirement	Total Labor Requirement	Increment
		(ha)	(MD/ha)	(1000 MD)	(ha)	(MD/ha)	(1000 MD)	(1000 MD)
Case 1	Existing	49,391	125.2	6,183.8	49,391	273.6	12 512 4	7 220 6
	Planned + New	0	12,012	0.0	•		13,513.4	7,329.6
	Total	49,391			61,017	273.6	16,694.3	16,694.3
	·	42,391		6,183.8	110,408		30,207.6	24,023.9
Case 2		38,034	125.2	4,761.9	38,034	273.6	10,406.1	5,644.2
	Planried + New	0		0.0	34,682	273.6	9,489.0	9,489.0
	Total	38,034		4,761.9	72,716	.,,,,,,	19,895.1	15,133.2
	·	_		•	•		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Case 3	Existing	38,034	125.2	4,761.9	38,034	273.6	10,406.1	5,644.2
	Planned + New	0		0.0	27,813	273.6	7,609.6	7,609.6
	Total	38,034		4,761.9	65,847	_	18,015.7	13,253.9
Case 4	Existing	38,034	125.2	4.761.9	38,034	273.6	10,406.1	5,644.2
	Planned + New	0		0.0	9,584	273.6		
	Total	38,034			•	213.0	2,622.2	2,622.2
	i Oltu	20,034		4,761.9	47,618		13,028.3	8,266.4

a/: Weighted average requirement estimated as below;

11	Present	Condition	
	1 11 16 111	COURTER	

-) soone continue			
	Unit requi-	Areal	Require-
	ment *	Extent **	ment
	(MD/ha)	(%)	(MD/ha)
Irrigation Schemes	140	26.1	36.5
Drainage Schemes	120	41.6	49.9
Polder Schemes	J20	32,3	38.8
Weighted average			125.2
2) With Project Condition			
	Unit requi-	Areal	Require
	ment *	Extent **	ment
	(MD/ha)	(%)	(MD/ha)
Irrigation Schemes	420	26.1	109.6
Drainage Schemes	270	41.6	112.3
Polder Schemes	160	32.3	51.7
Weighted average			273.6

Source: b/; Tables 4.6, 4.7, 4.8 and 4.9

<sup>\*;</sup> Unit requirement per hectare by cropping pattern \*\*; Estimated based on the present land use by facility

Table 5.2 Farm Budget Analysis under With and Without Project Conditions (1/2)

## (1) Rawa Negara Drainage Scheme Farmer with 1.0 ha land

والمساوحة والمساوحة والمتحارة والمتح		·	Without Project		,	With Project	ويهي يهم المحالية المحالية بيدي بي المجاهدة	<del></del>
	•	Area	Unit Gross Income/Cost	Amount	Arca	Unit Gross Income/Cost	Amount	Amount
	مستدن سروع	(ha)	(Rp. 000/ha)	(Rp.'000)	(ha)	(Rp.'000/ha)	(Rp.'000)	(Rp.'000)
1. Gross Income				1,423			2,541	1,119
a, Farm income - Wetland paddy - Palawija	a√ a√	1.0 0.0	400.5 412.5	401 401 0	1.0 1.0	801.0 990.0	1,791 801 990	1,391
b. Off-farm income	b/			1,022			750	(272)
2. Gross Outgo				173			731	558
a. Production Cost - Wetland paddy - Palawija	a/ a/	1.0 0.0	164.3 86.6	164 164 0	1.0 1.0	395.0 301.1	696 395 301	532
b. Tax and others	a/ c/	0.0	00.0	8	1.0	50	35	27
3. Net Income (1-2)				1,250			1,810	560
4. Living Expenses	d/			1,250			1,250	0
5. Net Reserve (3-4)				0			560	560

Table 5.2 Farm Budget Analysis under With and Without Project Conditions (2/2)

## (2) Jaro Bawa Irrigation Scheme Farmer with 0.5 ha land

			Without Project			With Project		
		Area	Unit Gross Income/Cost	Amount	Area	Unit Gross Income/Cost	Amount	Amount
		(ha)	(Rp.'000/ha)	(Rp. 000)	(ha)	(Rp.'000/ha)	(Rp. 000)	(Rp. 000)
1. Gross Income				1,337			2,219	882
a. Farm income		4.41		334	san Sa		1,469	1,135
- Wetland paddy	a/	0.5	667.5	334	1.0	1,468.5	1,469	
- Palawija	a/	0.0	412.5	0	0.0	990.0	0	
b. Off-farm income	b/			1,003			750	(253)
2. Gross Outgo				86			511	425
a. Production Cost				82			487	404
- Wetland paddy	a/	0.5	164.3		1.0	486.6	487	
- Palawija	a/	0.0	86.6	0	0.0	301.1	0	1
b. Tax and others	c/			4		·	24	20
3. Net Income (1-2)				1,250			1,708	457
4. Living Expenses	ď	- 1. 15	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,250			1,250	0
5. Net Reserve (3-4)				0	•		457	457

a/: Estimated based on Tables 5.3 and 5.4

c/: 5% of production cost

b/: Off-farm income of Rp. 750,000 which is taken for with project condition is estimated based on the preliminary study results of Riam Kanan Project Post-beneficiary Evaluation and Monitoring Survey 1988, Kyoto University, Japan. Under without project condition, Rp. 272,000 and Rp. 253,000 are added to the estimated Rp. 750,000 for the Rawa Negara Drainage Scheme and Jaro Bawa Irrigation Scheme, respectively, on the assumption that the amount of net income would be equal to that of living expenses.

d/: Estimated based on Statistical Yearbook of Indonesia 1986, CBS

Table 5.3 Crop Budget per Hectare under Without Project Condition (Financial Prices)

		(i) Exist	(1) W (1) (3) Existing Irrigation Scheme	(1) Wetland Paddy Scheme (ii) Exis	nd Paddy (ii) Existi	d Paddy (ii) Existing Drainage and Polder	and Polder	(2	(2) Palawija Crops (Mungbeans)	sďo.
Item	Cnit	Qın	Price (Rp.)	Amount ('000Rp)	Q'ty	Price (Rp.)	Amount ('000Rp)	Qty	Price (Rp.)	Amount ('000Rp)
A. Gross Income - Yield	(ton)	3.5	267,000	934.5	4.5	267,000	400.5	0.5	825,000	412.5
B. Production Cost 1) Farm Input - Seed	(kg)	25	270	8.9	20	270	5.4	25	006	22.5
Urea TSP KCI	(K) (K) (K) (K)	100 50 0	135 135 135	13.5 6.8 0.0	000	135 135 135	0.0	000	135	0.00
- Agro-chenucal Pesticide Rodenticide	(lit.) (kg)	<i>ເ</i> ກ <i>ເ</i> ກ	5,200 1,506	15.6	00	5,200 1,500	0.0	00	5,200	0.0
(Sub-Total)	<b>~</b>			47.1			5.4			22.5
2) Labour Requirement (m/d) - Family Labour - Hired Labour	it (m/d)	88 86 87	3,000	0.0	72 48	3,000	0.0	80 %	3,000	0.0
(Sub-Total)	Ω.			168.0			144.0			60.0
3) Miscelloneous - % of Sub-Total 1) and 2)	and 2)	10		21.5	10		14.9	vo.		44 4~1
Total Production Cost				236.6			164.3			86.6
C. Net Renum				6.769			236.2			325.9
					-					

Table 5.4 Crop Budget per Hectare under the With Project Condition (Financial Prices)

		(i) Exist	ing Imigation	(1) Wetland Paddy Scheme (ii) Exis	nd Paddy	d Paddy (ii) Existing Dramage and Polder	and Polder		(2) Palawija Crops (Mungbeans)	rops ss)
Itcm	Unit	(C'ty	Q'ty Price Amor (Rp.) ('000R	Amount ('000Rp)	Q'ty	Price (Rp.)	Amount ('000Rp)	Qty	Price (Rp.)	Amount ('000Rp)
A. Gross Income - Yield	(ton)	5.5	267,000	1,468.5	3.0	267,000	801.0	1.2	825,000	0.066
B. Production Cost 1) Farm Input - Seed	(kg)	40	270	10.8	25	270	8.9	6	006	36.0
Urea TSP KCI	(kg) (kg)	200 150 100	135 135 135	27.0 20.3 13.5	90 00 00	135 135 135	13.5 6.8 0.0	881	135 135 135	13.5 13.5 1.4
- Agio-chemical Pesticide Rodenticide	(lit.) (kg)	ന ന	5,200 1,500	15.6 4.5	ຕຕ	5,200 1,500	15.6 4.5	22	5,200 5,200	10.4
(Sub-Total)	(î			7.16			47.1			74.8
2) Labour Requirement (m/d) - Family Labour - Hired Labour	ıt (m/d)	126 84	3,000	0.0	% \$	3,000	0.0	99 44	3,000	0.0
(Sub-Total)	(T			252.0			152.0			132.0
3) Animal Power (t/d)		15	8,000	120.0	15	8,000	120.0	10	8,000	80.0
4) Miscelloneous - % of Sub-Total 1), 2) and 3)	, 2) and 3)	٧٦		23.2	10		35.9	'n		14.3
Total Production Cost				486.8			395.0			301.1
C. Net Return				981.7			406.0			688.9





