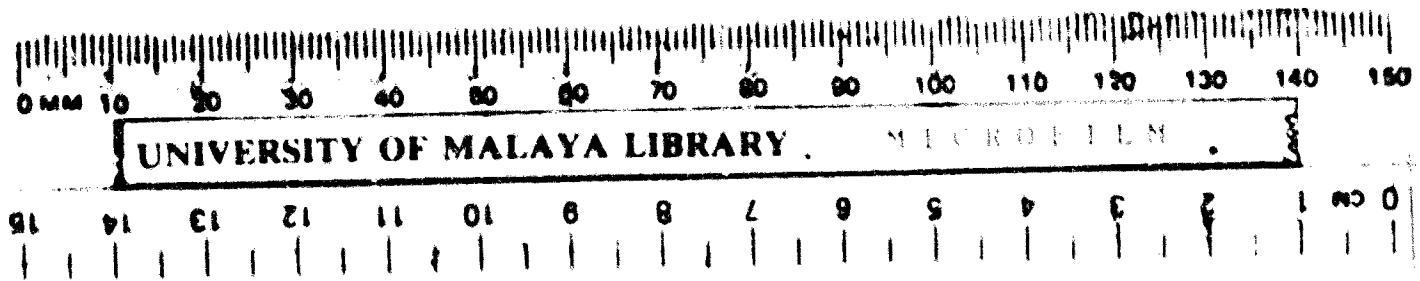


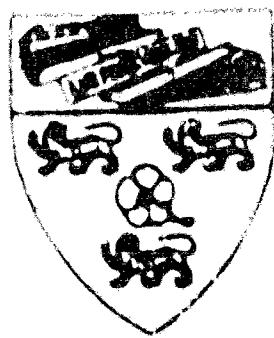
PERPUSTAKAAN UNIVERSITI MALAYA

PERKHIDMATAN REPROGRAFI

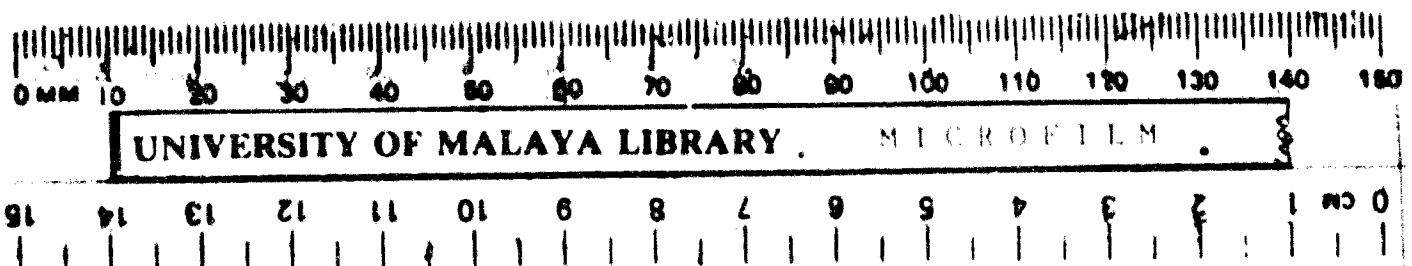
UNIVERSITY OF MALAYA LIBRARY

REPROGRAPHIC SERVICE





# MULA



0004667

SOCIO-ECONOMIC SURVEY - PHASE III

SOCIO-ECONOMIC SURVEY - PHASE III

by

Christina Goon

0 CM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

UNIVERSITY OF MALAYA LIBRARY. M ICROFILM

01 00 101 001 100 100 08 09 04 09 05 04 00 02 01 00 00

A Graduation Exercise presented to  
the University of Malaya in  
part fulfilment towards the  
Degree of Bachelor of Arts  
with Honours in Economics

ECONOMICS  
FACULTY OF ECONOMICS & ADMINISTRATION  
UNIVERSITY OF MALAYA

CONTENTS

	Page
I. INTRODUCTION . . . . .	1
General Lay-out of Sawah Sempadan . . . . .	1
Data Obtained From Interviews in Block J . . .	2
II. DISTRIBUTION OF HOLDINGS AND FARMS BY SIZE . .	5
Distribution of Holdings by Size . . . . .	5
Distribution of Farms by Size . . . . .	7
Comparing Holding and Farm Lists . . . . .	9
III. DISTRIBUTION OF HOLDINGS AND FARMS BY AREA . . .	16
Distribution of Holdings by Area in Intervals of One Acre up to Nine Acres . . . . .	16
Distribution of Farms by Area in Intervals of One Acre up to Nine Acres . . . . .	19
IV. FRAGMENTATION OF HOLDINGS AND FARMS . . . . .	23
Definition of Fragmentation . . . . .	23
No. of Lots and Sub-lots Each Holding and Farm in Block J Is Fragmentated Into . . . . .	23
Fragmentation of Holdings . . . . .	23
Fragmentation of Farms . . . . .	27
V. SUBDIVISION IN BLOCK J . . . . .	31
Definition of Joint Ownership . . . . .	31
Definition of Joint Operation and How it is Tied up with Joint Ownership . . . . .	31
Subdivision of Land in Block J . . . . .	32
Description of Each Case of Subdivision in Block J . . . . .	32
The General Pattern of Subdivision in Block J	35
VI. CASES OF JOINT OPERATION AND OTHER SYSTEMS OF SHARING LAND IN BLOCK J . . . . .	37
Definition of Joint Operation . . . . .	37
Details of Cases of Joint Operation in Block J	37
Other Systems of Operation Besides Joint Operation. . . . .	39
Conclusion Arising . . . . .	39

	Page
VII. PADI OUTPUT AND PRODUCTIVITY PER ACRE . . . . .	41
By Owner/Operator . . . . .	41
By Tenant/Operator . . . . .	42
By Variety . . . . .	43
By Location . . . . .	45
Unit of Measuring Padi in S.S. , . . . . .	48
VIII. DISEASES AND PESTS . . . . .	49
What the Main Diseases and Pests are . . . . .	49
Diseases and Pests by Lots . . . . .	50
Diseases and Pests by Variety. . . . .	50
Diseases and Pests by Location . . . . .	51
General Attitude of Farmers Towards Diseases and Pests . . . . .	53
IX. WATER SUPPLY . . . . .	55
Lay-out of the General Network of Drainage and Irrigation Channels in S.S. . . . .	55
View Regarding Water Supply by Lots . . . . .	56
Views Regarding Water Supply by Location . .	58
X. VARIOUS TYPES OF CROPS, OTHER THAN PADI, GROWN BY FARMERS IN BLOCK J . . . . .	60
The Importance of Other Types of Crops to the Padi Farmer . . . . .	60
Other Crops Grown Inside Block J . . . . .	61
Other Crops Grown Outside S.S. by Farmers . . . . .	62
in Block J . . . . .	62
XI. GENERAL OBSERVATION OF THE BLOCKS . . . . .	64
CONCLUSION TO THE EXERCISE . . . . .	68

LIST OF TABLES

Table		Page
1.1	Types of Interviews Obtained . . . . .	2
1.2	Types of Dwellings in Block J . . . . .	3
2.1	Distribution of Holdings by Size (Counting by No. of Lots) . . . . .	6
2.2	Size of Holdings Whose Owners Live in Block J. .	10
2.3	Size of Holdings Whose Owners Live in Other Blocks in S.S. Other Than Block J. . . . .	11
2.4	Size of Holdings Whose Owners Live Outside S.S.	12
2.5	Distribution of Farms by Size (Counting by No. of Lots) . . . . .	8
2.6	Size of Farms Whose Farmers are Residents in Block J . . . . .	13
2.7	Size of Farms Whose Farmers are Residents in Other Blocks in S.S. Other Than Block J. . . .	14
2.8	Size of Farms Whose Farmers Live Outside S.S. .	15
2.9	Distribution of Holdings and Farms in Cases of Owner/Operator . . . . .	9
3.1	Distribution of Holdings and Farms by Area in Intervals of One Acre up to Nine Acres . . . . .	18
3.2	Distribution of Holdings According to Area in Intervals of One Acre up to Nine Acres . . . . .	20
3.3	-	21
3.4	Distribution of Farms According to Area in Intervals of One Acre up to Nine Acres . . . . .	22
4.1	Fragmentation of Holdings and Farms (Each Holding and Farm is Fragmented into a No. of Lots and sub-lots) . . . . .	24&25
4.2	Distribution of Holdings According to Area and According to Lots and Sub-lots . . . . .	26

Table		Page
4.3	Distribution of Farms According to Area and According to Lots and Sub-lots . . . . .	28
5.1	- . . . . .	35
7.1	Padi Productivity Per Acre by Owner/Operator . . .	41
7.2	Productivity Per Acre by Tenant/Operator . . . . .	43
7.3	Total Amount and Productivity Per Acre in Block J.	44
7.4	Output Per Acre by Variety . . . . . . . . .	44
7.5	Output Per Acre by Location . . . . . . . . .	45
7.6	- . . . . .	46
8.1	Diseases and Pests by Lots . . . . . . . . .	50
8.2	Diseases and Pests by Variety . . . . . . . . .	51
8.3	Diseases and Pests by Location . . . . . . . . .	53
9.1(A)	Water Supply by Lots - Time . . . . . . . . .	56
9.1(B)	Water Supply by Lots - Amount . . . . . . . . .	56
9.1(C)	Water Supply by Lots - Time and Amount . . . . .	57
9.2	Water Supply by Location . . . . . . . . .	58
10.1	Other Crops Grown Inside Block J . . . . . . .	60
10.2	Other Crops Grown Outside S.S. (On Information From 12 Farmers) . . . . . . . . .	62

**LIST OF MAPS**

Map		Page
-	Holding Map .	viii
-	Farm Map. .	xi
I	Sawah Sempadan .	xv
II	Lots in S.S. - Interviews and Types of Dwellings and Cultivation .	4
III	Block J Divided into Rows and Section . . . . . . . . . . . . .	47
IV	Lots in Block J Where There Are Diseases and Pests . . . . .	52

## HOLDING MAP

## SAWAH SEMPADAN

## BLOCK J

3227H1	3228H29	3229H49/H72/H99	3230H72
3231H2	3232H30	3233H50	3234H73/H74
3235H3	3236H20	3237H51/H52	3238H75
3239H4	3240H20	3241H53	3242H76
3243H4	3244H20	3245H54	3246H77
3247H5	3248H31	3249H55	3250H78
3251H6	3252H31	3253H56	3254H79
3255H7	3256H26	3257H57	3258H80
3259H8	3260	3261H58	3262H76/H81
3263H9	3264	3265H54	3266H82/H83/H84
3267H10	3268H32	3269H59	3270H84
3271H11	3272H32/H34	3273H60	3274H85
3275H11/H25	3276H33	3277	3278H86
3279H12	3280H34	3281H61	3282H87
3283H12	3284H35	3285H35	3286H87
3287H13	3288H36	3289H62	3290H88
3291H14	3292H35	3293H35	3294H89
3295H14/H15	3296H37/H38	3297H63	3298H90
3299H16	3300H39	3301H38	3302H41
3303H17	3304H40	3305H64	3306H91
3307H18/H19/H20	3308H41	3309H65	3310H92
3311H21	3312H42/H32	3313H66	3314H93
3315H22/H23	3316H43	3317H67	3318H94/H95
3319H24	3320H44	3321H68/H69/H70	3322H96
3323H25/H26/H27	3324H45/H46	3325H71	3326H97
3327H28	3328H47/H48	3329	3330H98

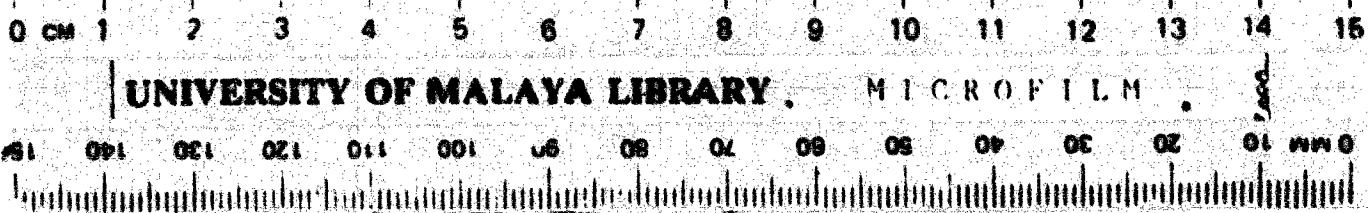
No data available - no interview

**HOLDING LIST**

Holding No.	Owner's Name	Lots Inside Block J	Lots Outside Block J
H1	Arbiyah	3227	-
H2	Besares	3231	-
H3	Saper	3225	-
H4	Dikun	(1) 3239 (2) 3243	(1) C3150 (2) C3179 (1½ acres) (3) Kg. Bharu (5 acres coconut) (4) Kg. Blia Tiram Barok (3 acres coconut) (5) Sg. Dungun (5 acres coconut)
H5	Munahari	3247	-
H6	Dot Latib	(1) 3251 (2) 3256	Sg. Seroh (1 acre abt 8 coconut)
H7	Rehmedilis	3255	S1 Jangkong (2 acres abt 8 coconut)
H8	Jamal	3256	-
H9	Haji Tehailib	3263	-
H10	Besarin	3267	-
H11	Ahmad b. Abd. Razid	(1) 3271 (2) 3275 (1½ acres)	-
H12	Fatinah	(1) 3279 (2) 3283	Batu 8 (coconut)
H13	Ranjan b. Sempato	3287	Tiram Barok (1 acre un- cultivated)
H14	Bala	(1) 3291 (2) 3295 (2 acres)	-
H15	Tapi	3295 (1 acre)	-
H16	Ballah	3296	-
H17	Saiyeh	3300	Aman Jame (2 acres coconut)
H18	Besman	3307 (½ acre)	-
H19	Tolu	3307 (1 acre)	-
H20	Binis b. Zainuddin	(1) 3307 (1½ acres) (2) 3236 (3) 3240 (4) 3244	-
H21	Ahmad Sidik b. Habd. Rasmi	3311	Block 8 (1½ acres + lot)
H22	Abdu'lah	3315 (½ acres)	
H23	Jamilah	3315 (½ acres)	
H24	Sidung Kasturi	3319	(1) 1 3611 (2) Sg. Seroh (coconut) (1 acre) (3) Sg. Kajang (coconut 1 acre) (4) 1 3598
H25	Khalid	(1) 3223 (½ acre) (2) 3275 (1½ acre)	
H26	Jamil	3323 (½ acre)	
H27	Saidon	3323	
H28	Haji Basad	3327	
H29	Ahad	3328	Headworks (1 acre uncultivated)
H30	Ayu	3322	
H31	Rustakka b. Hassan	(1) 3246 (2) 3252	(1) Tiram Barok (1 acre) (2) R 2177
H32	Haji Osman	(1) 3238 (2) (1½ acres) (3) 3272 (2 acres)	
H33	Ketuan b. Kartijo	3276	
H34	Kosaju	(1) 3236 (2) 3272 (1 acre)	Block D (2 lots - 6 acres)
H35	Jamil	(1) 3284 (2) 3285 (3) 3292 (4) 3293	

Holding No.	Owner's Name	Lots Inside Block J	Lots Outside Block J
H36	Hgaties	3288	-
H37	Sadjini	3286 ( $\frac{1}{2}$ acres)	-
H38	Sensut	(1) 3286 ( $\frac{1}{2}$ acres) (2) 3301	-
H39	H Jadi b. Kartu	3300	-
H40	Jeminton bt. Abdullah	3304	-
H41	Sudira	3308	-
H42	I Iham	(1) 3312 ( $\frac{1}{2}$ acres) (2) 3302	-
H43	Ahmad	3316	-
H44	Haji Mansur	3320	-
H45	Jorish	3324 ( $\frac{1}{2}$ acres)	-
H46	Jatz	3324 ( $\frac{1}{2}$ acres)	-
H47	Chakun	3328 ( $\frac{1}{2}$ acres)	-
H48	Haji Ibrahim	3328 ( $\frac{1}{2}$ acres)	-
H49	Mohd Noor	3329 (3 acres)	Headworks (1 acre)
H50	Arts	3333	Headworks (1 acre ubt)
H51	Arshad	3337 (2 acres)	-
H52	Atata	3337 (1 acre)	-
H53	Bakir	3241	-
H54	Tajor b. Surohman	(1) 3245 (2) 3256 (3) 3266 ( $\frac{1}{2}$ acre)	(1) B 3102 ( $\frac{1}{2}$ acres) (2) Sg. Sarah (1 acre coconut)
H55	Hj. Saleh b. Herken	3249	-
H56	Hj. Jalil	3253	-
H57	Abadyah	3257	-
H58	Vitor	3261	-
H59	Hj. Dusdhin	3269	-
H60	Naimun	3273	-
H61	Sadineen	3281	-
H62	Hall	3289	-
H63	Kraso b. Jayo	3297	-
H64	Tugiman	3305	-
H65	Hagiman	3309	-
H66	Sanda	3313	Sg. Burong (2 acres coconut)
H67	Yusof b. Ahmad	3317	-
H68	Hj. Noor	3321 (1 acre)	-
H69	Hj. Said	3321 ( $\frac{1}{2}$ acres)	-
H70	Fsan	3321 ( $\frac{1}{2}$ acre)	-
H71	Sajor b. Maadin	3325	-
H72	Ramunkik	(1) 3230 (2) 3229 (1 acre)	-
H73	Talus	3234 ( $\frac{1}{2}$ acres)	Sg. Jeram (2 $\frac{1}{2}$ acres rubber)
H74	Siti Arish	3234 ( $\frac{1}{2}$ acres)	-
H75	Mehd. Aliff	3238	-
H76	Hj. Rajid	(1) 3242 (2) 3262 ( $\frac{1}{2}$ acres)	-
H77	Jeminaa	3248	Sg. Sarah (1 acre sarah)
H78	Mascan Jasna	3250	Tiram Buruk (2 acres coconut)
H79	Hj. Dahlan	3254	(1) K 2017 (2) K 2918
H80	Sirang	3258	-
H81	Suruu (Mosque)	3262 ( $\frac{1}{2}$ acres)	-
H82	Bukorun	3268 (2 acres)	-

Holding No.	Owner's Name	Lots in Block J	Lots Lots in Block J
103	Rais	3255 (1 acre)	-
104	Furwan	3270	-
105	Hj. Noor	3274	-
106	Kamor	3270	-
107	Samaria	(1) 3282 (2) 3283	-
108	Hj. Dollah	3280	Lots 8 (2 acres coconut)
109	Hj. Karop b. Sulikin	3284	
110	Hj. Dollah	3288	-
111	Bantir b. Hj. Zata	3306	-
112	Kartam	3310	-
113	Rohd. Venilam	3314	-
114	Ajibabri	3318 (2 acres)	-
115	Hj. Mustadik	3318 (1 acre)	-
116	Ajustra	3322	-
117	Bodri	3326	-
118	Hj. Kehal	3330	-
119	Samra	3229 (1 acre)	-



## FARM MAP

## SAKAI SEMPADAN

## BLOCK J

3227F1/F2	3228F30	3229F49/F73/F74	3230F73
3231F3	3232F31	3233F50	3234F75/F76
3235F4	3236F22	3237F51/F52	3238F77
3239F5	3240F22	3241F53	3242F78
3243F5	3244F22	3245F54	3246F79
3247F6	3248F32	3249F55/F56	3250F80
3251F7	3252F33	3253F57/F58	3254F81
3255F8	3256F7	3257F59	3258F82
3259F9	3260	3261F60	3262F78/F83
3263F10	3264	3265F54	3266F54/F81/F84
3267F11	3268F34	3269F36	3270F85
3271F12	3272F34/P36	3273F61	3274F86
3275F12/F13	3276F35	3277	3278F87
3279F14	3280F36	3281F62	3282F88
3283F14	3284F37	3285F37	3286F88
3287F15	3288F38	3289F63	3290F89
3291F16	3292F37	3293F37	3294F90
3295F17/F18	3296F39/F40	3297F64	3298F91
3299F19	3300F41	3301F65	3302F44
3303F20	3304F42	3305F66	3306F92
3307F21/F22/F23	3308F43	3309F67	3310F93
3311F24	3312F34/44	3313F19	3314F94
3315F25/F26	3316F45	3317F68	3318F95/F96
3319F27	3320F46	3321F69/F70/F71	3322F97
3323F13/F28	3324F47	3325F72	3326F98
3327F29	3328F48	3329	3330F99



No data available - no interview

FARM LIST

Farm No.	Farmer's Name	Lots Inside Block J	Lots Outside Block J
F1	Arbiab	3227 (1 acre)	-
F2	Archad	3227 (2 acres)	-
F3	Banaren	3221	-
F4	Saper	3223	-
F5	Bilam	(1) 3220 (2) 3243	(1) C 3100 (2) 3170 ( $\frac{1}{2}$ acres) (3) Kg. Bharu (5 acres) (4) Kg. Tiram Duruk (3 acres) (5) Sq. Dungan (5 acres)
F6	Rusahart	3247	-
F7	Dol Latib	(1) 3251 (2) 3256	Sq. Sarah (1 acre with 8 coconut)
F8	Reali	3255	-
F9	Jawat	3259	Kapor (plough land - ₹2/- per day).
F10	H.J. Tchellis	3263	-
F11	Ronalis	3267	-
F12	Ahmed b. Abd. Hamid	(1) 3271 (2) 3275 ( $\frac{1}{2}$ acres)	-
F13	Ahmed	(1) 3275 ( $\frac{1}{2}$ acres) (2) 3223 (1 acre)	-
F14	Rusnan Sharif	(1) 3279 (2) 3283	Tiram Duruk (cut grass - ₹3/- per day). Tiram Duruk (1 acre)
F15	Ruslan b. Serperato	3287	-
F16	Dato	3291	-
F17	Pulkarto	3295 ( $\frac{1}{2}$ acres)	-
F18	Japt	3295 ( $\frac{1}{2}$ acres)	-
F19	Dol Latib	(1) 3299 (2) 3313	-
F20	Bastr b. Ali	3303	Dikit Solokting (3 acres coconut)
F21	Rusman	(1) 3307 ( $\frac{1}{2}$ acre) Helps in 3291 & 3295	-
F22	Dato b. Zalando	(1) 3307 ( $\frac{1}{2}$ acres) (2) 3338 (2) 3240 (3) 3244	-
F23	Teh	3307 (1 acre)	-
F24	Ahmed Sidak b. Rohd. Husni	3311	Block G ( $\frac{1}{2}$ acres)
F25	AbduJish	3315 ( $\frac{1}{2}$ acres)	-
F26	Jamalib	3315 ( $\frac{1}{2}$ acres)	-
F27	Sidang Rekutri	3316	(1) 1 3611 (2) Sq. Sarah (1 acre coconut) (3) Sq. Kajang (1 acre)
F28	Saldan	3323 (2 acres)	-
F29	H.J. Ressad (Mired Lab.)	3327	-
F30	Ahmed	3329	Reckurka (1 acre)
F31	Septah & Abad	3332	-
F32	Ahmed Jamil	3340	-
F33	Matakitin b. Banaren's son-in-law	3352	-

Farm No.	FARMER'S Name	Lots Inside Block J	Lots Outside Block J
F34	Hj. Saman	(1) 3261 (2) 3272 (2 acres) (3) 3312 ( $\frac{1}{2}$ acre)	-
F35	Ketuan b. Marjo	3276	-
F36	Kenan	(1) 3288 (2) 3272 (1 acre)	D Block (2 lots - 6 acres)
F37	Suratman	(1) 3284 (2) 3285 (3) 3282 (4) 3283	-
F38	Hajalim	(1) 3288 (2) 3286	-
F39	Sadjuri b. Tarmati	3286 ( $\frac{1}{2}$ acre)	-
F40	Somali	3288 ( $\frac{1}{2}$ acre)	-
F41	H Jadiel b. Karti	3300	-
F42	Jamalaton b. Abdullah	3304	-
F43	Bantato	3308	-
F44	I Ham	(1) 3312 ( $\frac{1}{2}$ acre) (2) 3302	-
F45	Ahmad	3316	-
F46	Jaheri b. Mohd. Hanafi	3320	-
F47	Joriah & Jatz (Chekun & Hj. Ibrahim)	3324	-
F48	Hired labour	3228	-
F49	Mohd. Noor	3229	Headworks (1 acre coconut)
F50	Arfa	3233	Headworks (1 acre ubi)
F51	Arshad	3237 (2 acres)	-
F52	Arslia	3237 (1 acre)	-
F53	Makir	3241	-
F54	Vajor b. Saneckman	(1) 3245 (2) 3285 (3) 3285 ( $\frac{1}{2}$ acre)	(1) D 3182 (2) Sg. Seroh (1 acre coconut)
F55	Rosti	3249	-
F56	Nicker	3249 ( $\frac{1}{2}$ acre)	-
F57	Mohamed	3253 ( $\frac{1}{2}$ acre)	-
F58	Ahmed	3253 ( $\frac{1}{2}$ acre)	-
F59	Abudayah (Hired labour)	3257	-
F60	Mohd. Dakir b. Abdullah	3261	-
F61	Halim (Hired labour)	3273	-
F62	Sadiqan	3281	-
F63	Farmer's name unknown	3289	-
F64	Sani	3297	-
F65	Hajalim b. Yahya	3301	-
F66	Sadli	3305	-
F67	Haj Ismail	3308	-
F68	Yusof b. Ahmad	3317	-
F69	Hj. Noor	3321 (1 acre)	-
F70	Mak Suh	3321 ( $\frac{1}{2}$ acre)	-
F71	Jean	3321 ( $\frac{1}{2}$ acre)	-
F72	Sajor b. Muadz	3325	-
F73	Razmanik (Hired labour)	(1) 3230 (2) 3229 (1 acre)	-
F74	Saman	3229 (1 acre)	-
F75	Taluo	3234 ( $\frac{1}{2}$ acre)	Sg. Jerai ( $\frac{1}{2}$ acre rubber)
F76	Siti Arish	3234	-
F77	Mohd. Aliff	3238	Sg. Burong (acreage unknown part)

Farm No.	Farmer's Name	Lots Inside Block J	Lots Outside Block J
F78	Hj. Majid	(1) 3242 (2) 3282 (1½ acres)	
F79	Jastren	3248	Sg. Seroh (1 acre seroh)
F80	Amilan & Marian	3250	-
F81	Nain	(1) 3254 (2) 3288 (½ acre)	-
F82	Sirang	3259	-
F83	Serem (Hired labour)	3262 (½ acres)	-
F84	Baharom	3266 (2 acres)	-
F85	Bakri	3270	-
F86	Neer	3274	-
F87	Siaen, Kasa & Gortan	3278	-
F88	Jaber	(1) 3282 (2) 3288	-
F89	Hj. Dollah	3280	Batu 8 (2 acres coconut)
F90	Hj. Marop b. Dolrahis	3284	-
F91	Hj. Dollah	3290	-
F92	Besir b. Hj. Zain	3306	-
F93	Ranigan	3310	-
F94	Mehd. Yusoffan	3314	Sg. Seroh (1 acre)
F95	Ajibahari	3318 (2 acres)	-
F96	Hj. Mustapha's son	3318 (1 acre)	-
F97	Sichick, Ismail & Ajabin	3322	-
F98	Badri	3326	-
F99	Hj. Wahab's children	3300	-

## MAP 1

## SAWAH BEMPADAN

(6,000 ACRES)

