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PATROL REPORTS

District : Western Highlands
Station : Wabag
Volume : 12
ISBN NO : 9980-911-05-0
Accession NO : 496
Period : 1963-1964

Filmed by/for the National Archives of Papua New Guinea
Port Moresby 1995

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Papua New Guinea Patrol Reports

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NATIONAL ARCHIVES OF P.N.G. - WAIGANI.

PATROL REPORT OF: WABAG

ACC. No: 496.

Volume No: . . . 12 . . . 1963/64 . . . Number of Reports: . . . 3 . . .

[illegible]

TERRITORY OF PAPUA AND NEW GUINEA

Ref: 67-14-6

Department of Native Affairs,
KONEDOBU. Papua.

28th October, 1963.

The District Officer,
Western Highlands District,
MOUNT HAGEN.

PATROL NO. 1-63/64 WABAG

I acknowledge with thanks receipt of :-

* ~~Memorandum of Understanding~~

* Patrol Report No. 1-63/64 WABAG

covering Patrol by ... P.S. PAKIN CPO

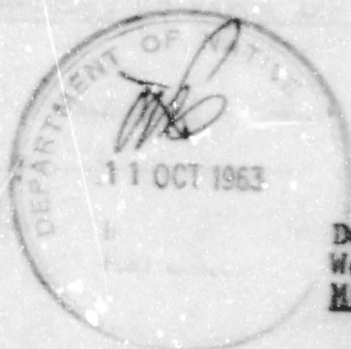
(J. K. McCarthy).
DIRECTOR.

* Delete as necessary.

SMF/JW

67/14.6

WHD.428



Department of Native Affairs,
Western Highlands District,
MOUNT HAGEN.

3rd October, 1963.

The Assistant District Officer,
Sub-District Office,
MABAG.

PATROL REPORT NO.1 of 1963/64.

Receipt of the above-mentioned Report is
acknowledged.

The Report calls for no further comment.

(S.M. POLLEY).
District Officer.

c.c.

The Director,
Department of Native Affairs,
KONEDOBU.

TERRITORY OF PAPUA AND NEW GUINEA

Patrol Report No. 1 of 1963 - 64.

Patrol Personnel.

Europeans.

D.P. MARONEY, P.O.
P.O. MAKIN, S.P.O.

Natives.

L.O. Clerk A.O. LAPU.

Cpl. JEI
CONST. KARISA

INTERPRETER.
EN

Area Patrolled.

Iai Headwaters and Iai Upper
Census Divisions.

Duration of Patrol.

17 field days - 14 camping.
8th. July, 1963 - 23rd. July, 1963.
(broken period)

Map Reference.

Wabag Fourmil series.

Objects of Patrol.

1. Revision of Census.
2. Compilation of Council Tax Register
3. Supervision of Council Tax collection.
4. Routine Administration.

July, 1963.

DIARY

Monday, 8th.

WABAG - TEREMANDA

Accompanied Mr. P. Mareney, P.O., to TEREMANDA. Departed WABAG 1400 hrs.; arrived TEREMANDA 1500 hrs. after making a brief inspection of two new rest houses: pitched camp and made preparations for following day. Evening spent on census statistics of groups previously censused by Mr. Mareney.

Tuesday, 9th.

TEREMANDA

People lined and census conducted. Commenced 0600 hrs., completed 1715 hrs. Remainder of day spent on tabulation of census figures.

Census of:-

YENKIDEN -CIA	(PALAGA)	140
" "	(KORDOGAN)	77
" "	(ANDARI)	220
" "	(MAMILIN)	141
" "	(YONGOREKAN)	270
" "	(LAGIP)	150
" "	(KISO)	352/ 1350

Night at R/H.

Wednesday, 10th.

TEREMANDA-KORPEN-KAMAS

Departed for KORPEN; arrived 1000 hrs.- 25 min. walk, track well defined. Upon arrival KORPEN people assembled and census conducted. Census of:-

IRAPUN-KALA	265
" -MERANI	506/ 759

CENSUS completed, departed for KAMAS 1400 hrs.- 10 min. walk. Afternoon on census statistics. NIGHT at R/H.

Thursday, 11th.

KAMAS

Commenced census of KAMAS groups at 0600 hrs.

CENSUS of:-

IRAPUN-FUMANI	(TAMAGALI)	141
" "	(MANGAK)	228
" "	(PLAUDA)	55
" "	(IMAP)	195
" "	(DIANA)	108/ 727

Completed census mid-afternoon; remainder of day on census statistics. Night at R/H.

Friday, 12th.

KAMAS-KIWI

To KIWI on foot, arrived 0730 hrs.- 30 min. walk along vehicular road. Groups assembled and census conducted.

Census of:-

MAKIPINI KAMAHAWAN	(NAT)	174
" "	(NAT)	82
" -TOROM		109
" -MERAIN		197
TSAKALIN-KABAROLA	(MAJ)	193/ 755

Census completed midday; afternoon on census figures. Night at R/H.

Saturday, 13th.

KIWI-WABAG

By vehicle to WABAG; arrived 0900hrs. Morning spent on census statistics.

Sunday, 14th.

WABAG-KIWI

Returned KIWI mid-afternoon. Night at R/H.

Monday, 15th.

KIMI-SOPAS

Patrol owed to SOPAS. Arrived SOPAS 0745 hrs. - 25 min. walk along vehicular road. Assembled groups and conducted census: commenced 0815 hrs., completed 1300 hrs.

Census of:-

MAIPINI-TSAMARAWA	(TUGGAP)	176
"	(PASJATA)	476
LYKIN-MANO		170/ 822

Afternoon spent on tabulation of census figures. Night at R/R.

Tuesday, 16th.

SOPAS-NADEI

Left SOPAS 0600hrs. Arrived NADEI 0835hrs. Groups lined and censused. Completed 0630hrs. Census of:-

PORSHALIN-KIMBERI	(KARA)	433
"	(KIMBUN)	338
"	LAIDAP	262
"	KIMBERI (MURAI)	159/ 1192

Afternoon: work on census figures. Night at R/R.

Wednesday, 17th.

NADEI-PUNAMARAM-KUBALIS

TO PUNAMARAM with L.G. Clerk- 35 min. walk, track well defined. Upon arrival groups lined, census conducted, council tax collected. Census of:-

TSAKALIN-KARANGIA		321
Census and tax collection completed 1200hrs. Heard marital di. and referred same to P.O. Marney. Departed for KUBALIS - 30 min. walk, track good. Groups at KUBALIS were censused by P. Marney. Census of:-		
PORSHALIN - VAMBILI	(ISANDA)	549
"	(KISANDA)	221/ 770

Council tax, of the above groups, was unable to be collected as there were not sufficient tax tickets. Night at R/R.

Thursday, 18th.

KUBALIS-LAGARAM

Tax tickets arrived, tax collected. Morning at KUBALIS, work on census figures. To LAGARAM at 1200hrs. - 35 min. walk. ARRIVED, and conducted census of:-

TSAKALIN-TIDI	(MURAI)	230
"	(MURAI)	315/ 545

Finished 1700hrs., compilation of census statistics. Night at R/R.

Friday, 19th.

LAGARAM-APANTA-PORCHES

Patrol departed for APANTA at 0630hrs. - 75 min. walk along vehicular road. At APANTA groups lined and censused.

Census of:-

TSAKALIN-TIDI	(IM)	271
"	-KARABOLA-KESUSINI (MURAI)	89
"	" (MURAI)	163/ 523

Completed 1200hrs., departed for PORCHES- 30 min. walk.

Census of:-

TSAKALIN-TIDI-IRARI	(PLAGAP-TIMEN)	255
"	(APARIN)	209
"	(POMIAN)	141/ 605

Afternoon: census statistics. Night at R/R.

Saturday, 20th.

PORCHES-MURISANDA-KEMAPULAN-SIRIRI

To MURISANDA at 0740hrs. - 65 min. walk. Census of:-

TSAKALIN-KARANGIA-ION	(MURAI)	82
"	(KARABOP)	154/ 263

Completed 1030hrs., to kemapulan- 45 min. walk.

Census of:-

TSAKALIN-KARABOLA-ION	(MURAI)	57
"	-IRARI (APARIN)	178/ 235

Census, tax completed by 1240hrs.; departed for SIRIRI R/R- 80 min. walk along well defined track through a heavily wooded area. Evening spent on census figures. Night at R/R.

Sunday, 21st.

SIRIUKI

Entire day spent on census figures.

Monday, 22nd.

SIRIUKI-TAMIRANAS-KIRIARAN

At SIRIUKI: commenced census and tax collection at 0715hrs.

Census of:-

LIRIUK-KIRIUK

" -LAWRE (KAWIPIKA)

" -KONE (LAWAIK)

" " (KIRI)

98

92

155

159/ 154

Completed 0845hrs., departed for TAMIRANAS - 40 min. walk.

Patrol gear and personnel at TAMIRANAS: continued to KIRIARAN accompanied by P.O. Maroney and L.G. Clark-25 min. walk.

Census of:-

LIRIUK-LAWRE

(KIRO)

(KIRI)

278

111/ 589

Work completed 1345hrs. Returned TAMIRANAS.

Census of:-

MURAPIN-LAYAGAN (KIRIUK)

145

KIRIARAN-TAMIRANAS-KIRIARAN (KIRIUK)

139/ 500

Evening spent on census figures. Mr. Barry, A.D.C. KIRIARAN, camped with tax/census patrol at TAMIRANAS. Night at R/R.

Council Tax, Census patrol of LAI HWIS. and UPPER LAI completed.

Population: UPPER LAI

11,209

LAI HWIS.

2,718

Total Revenue:

UPPER LAI

2592-6-0

LAI HWIS.

275-0-0

total

2867-6-0

End of patrol.

Introduction: Supplementary Patrol Report.

The purpose of this patrol was to assist Mr. P. Maroney, P.O. Wabag, with Census revision, collection of Council Tax and compilation of Council Tax Register.

A complete revision of the UPPER LAI and LAI HEADWATERS Census statistics was accomplished without incident. Copies of the Village Population Registers for both Census Divisions are attached together with Appendix I of absentee figures.

The Council Tax Register was compiled in conjunction with census revision. Collection of Council Tax was executed by the Local Government Clerk under the supervision of Mr. P. Maroney.

Statistics of tax collection were compiled by the Council Clerk and are attached in the form of Appendix II.

A report on Tax Collection for both Divisions is being submitted by Mr. Maroney, to the A.D.O., as a separate report.

Census and Statistics: LAI HEADWATERS.

During the past 10 months since the last census was conducted in this area (Patrol Report No. 67-3-57 by P. Maroney) there has been a Natural Increase of 56: this represents a N.I. of 17.2 per 1000 per annum. This is somewhat lower than last years figure.

The average N.I. over the last 4 years is 28.35 per 1000 per annum.

Migrations in and out resulted in a nett loss of 15. Women migrating out for marriage purposes constitute 70% of migrations out.

UPPER LAI.

In the 10 months since the last census in this area (Patrol Report No. 67-3-57) there has been a N.I. of 222 in population: this represents a N.I. of 16.7 per 1000 per annum. As with the LAI HEADWATERS Census Division, the N.I. of the UPPER LAI is markedly low compared with last years figure.

Average N.I. over the last 4 years is 23.5 per 1000 p.a.

Tax Collection.

This was the initial tax collection in the area. The people in general seemed enthusiastic and in no cases did any person refuse to pay tax.

Most women eligible to pay tax ~~were~~ somewhat reluctant to do so. However, in some areas the number of women tax payers was high.

Very few Tax Exemptions were granted: this was not because of the harshness of the Tax Tribunal, but because very few exemptions were applied for. ref appendix II.

All aged male tax payers and absentees had their taxes paid for them by relatives. This was not estimated for in the Initial Local Government Estimates and consequently resulted in an underestimation of revenue for Council Tax.

The total amount collected for both Divisions was: £817-6-0. ref. appendix II for break-up.

Native Affairs.

Situation throughout the two abovementioned Census Divisions was very good. Particularly good response to their first Council Tax.

No cases of crime brought up.

Village Officials.

In all areas visited, the newly elected Councillors were found to be most cooperative and enthusiastic. All Councillors appeared to be highly respected by their people.

Village Committee members were also found to be enthusiastic in their new positions and showed their initiative and ambition by settling minor problems and marital disputes among themselves.

Councillors were given full cooperation by Committee members who in turn were given full cooperation by the people.

With this system, it is obvious that the new Council will be a smooth working body.

Roads and Bridges.

The road and bridges in the upper Lai valley, from Wabag to Sirunki, are particularly good.

Practically all bridges were found to be sound. All bridge covers from Wabag to Sirunki had been removed so that the new F/C land rover may traverse the road from Wabag to Lalagam.

Missions.

Three Christian Missions operate in the Lai Hrts. and Upper Lai Census Divisions: the Catholic Mission of the Holy Trinity, Seven Day Adventist Mission and the New Guinea Lutheran Mission (Missourie Synod).

The Catholic Mission in the area is at Sari. Most of the people within short walking distance of the Mission seem to be under its influence. Boys and girls of school age attend the Mission school.

The S.D.A. Mission has its headquarters at Teremanda. Like the C.M., the people within walking distance of Teremanda attend the S.D.A. service. In addition to the station at Teremanda the S.D.A. mission have a new modern hospital at Sopas.

The Lutheran Mission is stationed at Sirunki.

The three Missions in the area appear to be doing good work and have most of the area under missionary influence.

Rest Houses.

In general all rest houses visited were in good condition. Quite a few new rest houses were built to accommodate the patrol.

Conclusion.

The area patrolled has been under Administration and Missionary influence for many years. It is an extensively patrolled area. Because of this, the patrol was completed and accomplished all aims without incident.

WARAG PATROL REPORT No. 1 of 1963-64

APPENDIX III

ROYAL PAPUAN AND NEW GUINEA CONSTABULARY.

No. 2264 Cpl. JEI

Discipline

Very good.

Appearance.

Good.

General Ability.

Slow, but thoroughly reliable.

No. 8524 Const. KARISA

Discipline.

Good.

Appearance.

Good.

General Ability.

Average.

P.S. MAKIN.

Cadet Patrol Officer.

P.S. Makin C.P.O.

APPENDIX I

ABSENCE STATISTICS

UPPER LAI CENSUS DIVISION

CENSUS GROUP	EXCLUDING ABSENTS				ABSENTS				TOTAL
	M	F	M	F	M	F	M	F	
TSAGALIN-YIDI (IIM)	56	54	68	78	-	3	12	1	271
" " (PESDET)	44	60	54	59	4	-	9	-	230
" " (VANGEN)	61	67	79	87	5	2	11	3	315
KURALIS-PORSAIIN-WAMTILI (ISANDA)	107	100	141	152	6	3	28	12	549
" " " (KISANDA)	40	47	47	63	2	2	16	4	221
KUMARANA-TSKALIN-KARABOLA	57	71	86	91	3	4	7	2	321
WANDI-PORHALIN-KUMBEPU (KARA)	91	97	109	108	6	1	17	4	433
" " " (KAMBUN)	60	63	92	97	3	-	19	1	338
WAKINANDA " LAWAP	54	41	66	81	4	2	13	1	262
" " KUMBEKAI (MIRA)	38	32	46	35	2	-	6	-	139
SAPAS-MALIPINI-KAMENUNAN (NAT)	33	29	43	50	3	1	14	1	174
" - TSAGALIN-KARABOLA (MAI)	40	36	54	52	1	5	4	1	193
" - MALIPINI-TSAGARAWANA (HESAI)	36	36	47	47	-	1	8	1	176
" " " (PASATLA)	92	115	117	125	2	4	18	3	476
KOPPIN-IRAPAN-NEMANI	94	112	112	135	13	14	19	7	506
TAUMBAIS " PUMANI (TAMAGALI)	25	39	31	36	1	2	4	3	141
" " " (MANDAK)	24	53	51	63	4	-	18	3	228
" " " (PIKUDA)	11	11	14	15	2	-	2	-	55
" " " (ILAP)	28	52	39	60	6	-	10	-	195
" " " (DIAIYA)	19	22	31	25	4	3	5	-	108
WILIP-LYEIN-MANO	32	33	21	51	-	-	3	-	170
KAPUNANDA-MALIPINI-TOROM	25	11	31	36	-	-	5	-	109
" " " MEBAIN	56	18	55	54	3	2	5	4	197
SARI-IRAFIN-KALA	36	22	71	62	14	21	30	7	263
KATAP-MALIPINI-KAMARAWANA (WANG)	37	52	57	72	4	-	5	-	221
" " " (NAT)	13	20	17	23	1	1	5	2	82
TEPILANDA-YENKIDEN-GIA (PALAGA)	23	22	29	40	5	10	11	-	140
" " " (KINDOGAN)	13	17	23	21	-	-	3	-	77
" " " (ANDARI)	31	53	45	59	12	4	12	3	220
" " " (MAMILIN)	31	27	43	38	-	-	2	-	141
" " " (YONGORPAN)	48	53	57	69	8	3	19	3	270
" " " (LAGIF)	17	24	27	41	15	19	6	1	190
" " " (KISO)	56	12	73	91	28	11	23	8	352

LIAMANDA-IRAPUN-KALA	34	44	50	54	6	9	5	1	203
" " AWAIN -SABIP	81	95	85	95	11	9	9	2	387
TORI-YENEIDEN-PIO (KUMBIN)	62	59	90	103	17	16	19	7	373
" " " (KAIMANGUN)	65	94	132	151	59	47	30	9	587
AI BINIMANDA-YENEIDEN-PIO									
(KAREBARA)	28	25	41	43	5	7	11	6	166
" " "									
(KORGORP)	27	25	36	45	7	3	10	2	155
" " "									
(YABAKON)	36	32	64	59	13	9	15	3	231
LUPAMANDA-YENEIDEN-PIO (LANIGEP)	89	96	126	127	20	15	23	8	504
LAKEIMANDA-YENEIDEN-PIO									
(KUNDAGARI-KUMUN-TSAGON)	78	89	120	135	37	14	25	3	500
KAIAP-MALUPINE-KAMANAWAN	71	67	87	101	4	2	21	1	354
TOTAL	2309	2189	2738	3030	340	249	537	117	11209

LAI HEADWATERS CENSUS DIVISION

TSAKALIN-TIDI-IRARI									
(PIAGOP-TIMORO)	47	48	69	73	4	1	11	2	255
" " " (APARENT)	46	34	49	53	5	2	15	5	209
" " " (PEGIAM)	34	21	37	42	-	-	7	-	141
TSAKALIN-KARABOIA-AMBUSIRI									
(MANGURA)	17	21	22	26	-	-	3	-	89
" " "									
(MARIP)	30	30	50	49	1	-	2	1	163
LYEIN-LAKWE (YORO)	52	64	70	81	-	-	11	-	278
MALIPINI-AIYAGAN (TENGENE)	29	21	43	47	1	-	4	-	145
KUNALINAMANDA-MAILA-KOWAN)	46	64	107	102	1	2	11	2	335
LYEIN-LAKWE (KAIPIERA)	16	16	26	32	-	-	2	-	92
" " (KIMBU)	18	13	23	34	-	-	-	-	88
" " (IPUP)	20	20	34	31	1	1	3	1	111
" " (LIRU)	31	19	48	52	2	4	2	1	159
" " (LEVAIN)	34	20	52	48	-	-	1	-	155
TSAKALIN-KARABOIA-IOW (TAMUIN)	20	13	26	23	-	-	-	-	82
" " " (KARAROP)	30	41	54	54	1	-	1	-	181
" " " (TAMUIN)	12	12	14	17	6	1	1	-	57
TSAKALIN-TIDI-IRARI (APARENT)	30	37	48	50	7	2	3	1	178
TOTAL	512	494	772	814	23	13	77	13	2718



TERRITORY OF PAPUA AND NEW GUINEA

PATROL REPORT

District of WESTERN HIGHLANDS Report No. WABAG. No. 5 of 1963/64

Patrol Conducted by R. GLOVER Cadet Patrol Officer.

Area Patrolled MARAMUNI VALLEY CENSUS DIVISION

Patrol Accompanied by Europeans NIL
3 members of R.P.&N.G.C.
Natives 1 Interpreter.

Duration—From 30 / 9 / 1963 to 11 / 10 / 1963

Number of Days TWELVE

Did Medical Assistant Accompany? NO

Last Patrol to Area by—District Services FEB / 1963

Medical MAY / / 1962

Map Reference FOURMIL SERIES WABAG SHEET

Objects of Patrol General Administration, Census Revision, Land Investigations.

Director of Native Affairs,
PORT MORESBY.

Forwarded, please.

/ / 19

District Commissioner

Amount Paid for War Damage Compensation £

Amount Paid from D.N.E. Trust Fund £

Amount paid from P.E.D.P. Trust Fund £

67-14-9

9th December, 1963.

The District Officer,
Western Highlands District,
WAIRAG.

WAIRAG PATROL REPORT NO. 5-63/9.

The report of the above patrol is acknowledged.

It is encouraging to note the realistic approach of the Catholic and Lutheran Missions in co-operating towards the construction of the PASALAGUS airfield. It is an important asset to the MARAMUNI people and all those who will assist them in their development.

Mr. Hardy seems to have his Sub-district administrative programme well organised and it is pleasing to note that the 1963/64 Census has already been completed and major efforts can now be directed towards education programmes and other aspects of the House of Assembly elections.

Mr. Glover has written an interesting report and he apparently worked hard on his routine tasks. The map is clear and effective. It is noted that there were reasons why the patrol could not be prolonged and no doubt the next patrol to the area will be extended to permit a follow-up visit to the people newly contacted by the patrol of February this year.

(J. E. McCarthy),
Director.

3MF/JW

WHD.435



67.14.9
Department of Native Affairs,
Western Highlands District,
MOUNT HAGEN.

14th November, 1963.

Assistant District Officer,
Sub-District Office,
WABAG.

PATROL REPORT - WABAG PATROL NO.5 of 1963/64.
MARAMUNI CENSUS DIVISION.

Receipt is acknowledged of Mr. Glover's report and extracts have been passed to Departmental representatives.

The completion of the airstrip in the MARAMUNI is vital, for neither the Administration nor the Missions can plan any extended activity in this area because of its difficult access. While the strip is being paid for and built by the Lutheran and Catholic Missions, there is no doubt that the Administration will make good use of it. For that reason, I do not wish our Officers to regard it as a private project. The need for the strip and the benefits flowing from its completion can be explained to the workers in terms of -

- (1) medical evacuation;
- (2) sale of their produce;
- (3) improved Administration Services in the area.

The MARAMUNI Valley is isolated and always has been difficult to administer. PASALAGUS Airstrip is the most progressive thing attempted there at this date.

You should consider the improvement of the walking tracks into the MARAMUNI. We have been concerned for some time about the population density and land shortage in the LAI and AUBUM Valleys. I believe the people of these Valleys could be encouraged to visit the MARAMUNI by better tracks and easier access. They have strong social and cultural ties and we should encourage a spontaneous migration from the areas of land shortage into the vast forests of the southern MARAMUNI.

I have received Mr. Glover's list of cases of squatting on native-owned land. I believe it is important that you should distinguish between squatting by a foreign group and the establishment of native owned churches on their own land. I will discuss this further in a separate memorandum covering the cases noted by Mr. Glover, Mr. Bailey and others.

Camping Allowance has been approved. Compliment Mr. Glover on a useful patrol.

c.c.

The Director,
Department of Native Affairs,
KONEDOBU.

hnd
(S.M. POLEY).
District Officer.

67 - 3 - 180.

Sub-District Office,
WABAG,
Western Highlands District.

October 31st. 1963.

District Officer,
Western Highlands District,
MOUNT HAGEN.

Subject: WABAG Patrol No. 5 of 1963-G.
MARAMUNI C.D.

Forwarded herewith please find the Report of a Patrol to the MARAMUNI Census Division, conducted by Mr. R. Glover, Cadet Patrol Officer, being WABAG 5/63-G.

Native Affairs:

The Maramuni continues to keep its reputation for being one of the least troublesome areas of the Wabag Sub-District.

Census:

Population figures reveal an upward trend in the population, a feature of all areas in this Sub-District. This increase is a tribute to the effectiveness of the Aid Posts serving these people.

Alustrina:

I have already taken up the matter of payment for labour on this project, and you should have received a copy of correspondence between myself and Fr. Mc.Dermott in this connection. Provided the payment is adequate, sufficient labour should be available to successfully complete the project.

This is Mr. Glover's first solo routine patrol, and he has capably handled all aspects of the patrol.

The completion of the Census for this Division means that the 1963-G Census for the Wabag Administrative area has now been completed. This is fortunate, as the education programme for the House of Assembly elections can now receive total attention. Also the likely shortage of staff over the next few months through leave wastage, will not be felt so acutely.

The "NIKETENGESA" land application will receive attention from the next patrol in the area.

Camping Allowance Claims attached.


G.G. Hardy
A/Assistant District Officer.

Copy;

Mr. R. Glover,
WABAG.

TERRITORY OF PAPUA AND NEW GUINEA

Patrol Report No. 5 of 1963/64.

Patrol Personnel

Europeans.

Mr. R. GLOVER, C.P.O.

Natives.

Const. 1st. Class GABUNI

Const. PERANG

Const. RIFI

Interpreter PUNAPEN

Area Patrolled

The MARAMUNI VALLEY Census Division

Duration of Patrol

Twelve days from 30-9-63 to 11-10-63

Last Patrol to the Area

Dept. of Native Affairs.
February 1963.

Map Reference

Pennell Series, WARAG Sheet.

Objects of the Patrol

1. General Administration
2. Annual Revision of the Census.
3. Purchase of land 'Pasalagus' special lease for the New Guinea Lutheran Mission.
4. Investigation and survey of land application 'NIKIKINWESA' at Pasalagus for the New Guinea Lutheran Mission.
5. Investigation into the incidence of 'squatting' on native owned land in the Census Division.
6. To collect all witnesses for Supreme Court hearing at WARAG of charges of stealing against three youths from WOLLEP.

DIARY.

Monday, 30th. September, 1963.

VARAG - LONDOL

Departed VARAG at 0940 hrs. by L.R. and proceeded to LONDOL, there to commence the walk into the MARAMUNI the following day. Arrived at LONDOL at 1145 hrs. after spending time at ~~YAP~~ YAMPU Mission acquiring silver for patrol expenses.

The remainder of the day was spent in organizing a carrier line for the carriage of the patrol equipment into the MARAMUNI. Owing to the non-availability of natives from LONDOL who were engaged in the harvest of their Pandanus holdings in the bush, I was forced to recruit my carriers from MOWOGAN, in all I enlisted 48 carriers. A reasonably large quantity of Eukan and assorted European vegetables was also purchased from the locals to meet the needs of the patrol. All gear arranged for an early start the following morning with all the carriers sleeping at the aid-post. R.O.N.

Tuesday, 1st. OCTOBER, 1963.

LONDOL - TAMANDU (Bush Camp)

Left LONDOL R.H. at approx. 0715 hrs in good weather. The track in good condition up to the LONDOLMANA Ridge, 10,400 ft. a walk of approx. 2 hours, took a brief rest. From this point the condition of the track deteriorated rapidly, until the patrol found itself walking through a river of mud. This condition persisted for the better part of four hours walk and eventually gave way to rotted vegetation covering across the original track.

Upon speaking to local natives in the carrier line it was found that this track, all the way to KALINTOK, had fallen into its present state through disease, the native population preferring the easier (but longer) track through the headwaters of the Lal and LAGAP River systems. At approx. 1600 hrs. a camp was set up near a small stream, the place being known as TAMANDU. R.O.N.

Walking time: 8 hours.

Wednesday, 2nd. October, 1963

TAMANDU - KALINTOK

Departed TAMANDU at approx. 0650hrs, fine weather. Crossed AIYILO Creek at approx. 0840 hrs and moved along the LENDU Ridge, crossing a small creek known as TOGHEBUPI at approx. 1030 hrs. and arrived at POROMANDA R.H. (9,300 ft.) at 1100 hrs. Patrol rested here for 30 mins. then continued along the POROMANDA Ridge and descended into the LIANDU Valley. Up to this point the track was still in very poor condition, however it improved in the vicinity of KALINTOK R.H., which was reached at 1530 hrs.

All the headmen were gathered on arrival and were told to assemble their people the next morning for the revision of the census. Purchased a quantity of feed from the local people. R.O.N.

Walking time: 8 hours 5 mins.

Thursday, 3rd. October, 1963

KALINTOK - NELIAKU

Commenced the revision of the census at this site at 0840 hours. Completed same at 1115 hrs. Spoke to the people on the condition of the ~~old~~ track, and was told that a previous patrol had instructed them to ignore maintenance on this same track, in preference to the alternative route. However, I instructed the lines concerned to clear the track and make improvements to the Rest House at POROMANDA. Also took details of mission 'squatting' on native land in the area. There were no problems brought to notice by the natives, and after paying off the carriers from MOWOGAN and enlisting locals for the

(CONT'D)

cartage of the patrol gear to the next site, NELIAKU, the patrol moved off at approx. 1200 hrs. The track in good condition all the way to NELIAKU. At approx. 1340 hrs. took time for a rest at the crossing of the LIANDO River, before tackling the steep climb up to the NELIAKU R.H. Arrived at NELIAKU at 1430 hours. and notified the headmen that their groups were to assemble the following morning for the Census. The rest of the afternoon spent on paper work in relation to the mornings' census revision and in the purchase of feed. R.O.N.

Actual walking time: 2 hours 10 mins.

Friday, 4th. October, 1963

NELIAKU - PASALAGUS

At 0830 hrs. despatched patrol gear in company with one constable to the next site, PASALAGUS, whilst I revised the Census of groups residing in the vicinity of NELIAKU. Completed work here at 0915 hrs. No problems brought to my notice at this site, so I moved on to PASALAGUS. I reached the SUI River at 1030 hrs. and arrived at PASALAGUS R.H. at 1125hrs. Track in good order all the way.

On arrival at PASALAGUS instructed the headmen to assemble their groups early the following morning, also purchased a quantity of feed from the locals.

During the afternoon the Special Lease 'PASALAGUS' applied for by the New Guinea Lutheran Mission was purchased as per instruction. Also, paper work in relation to the mornings' census was attended to.

Actual walking time: 1 hour 55 mins.

R.O.N.

Saturday, 5th. October, 1963.

AT PASALAGUS

Commenced the revision of the census of the four groups residing in the vicinity of PASALAGUS, completed same at approx. 1000 hrs. The people had no problems here, and the remainder of the morning was spent inspecting work being done on the construction of the Mission airstrip at PASALAGUS.

The afternoon was spent on statistics relating to the mornings' census revision and in the organisation of the patrol equipment for an early start the following morning.

In the evening was guest of the Catholic Missionary at Pasalagus, Fr. J. Mc. Dermott. R.O.N.

Sunday, 6th. October, 1963.

PASALAGUS - POAGARE - NIAKA

Left PASALAGUS R.H. at 0630 hrs accompanied by carriers from PASALAGUS. Track in good order all the way to POAGARE which was reached at approx. 0800 hrs.

All the people were lined for the census, and owing to the small number residing in the area, the census was revised in a little under one hour. The people having no complaints, the patrol continued on to NIAKA. Track in the main in good order. Crossed the NARANUNI River at 1040 hrs, the patrol took a brief rest here, before attempting the steep climb to NIAKA R.H. which was reached at approx. 1115 hrs.

The headmen were gathered on arrival and notified to line their people for the revision of the census the following morning. Purchased feed from the locals. During the afternoon completed paper - work applicable to the mornings' census, also inquired into the incidence of 'squatting' on native land.

Actual walking times.

R.O.N.

PASALAGUS - POAGARE
POAGARE - NIAKA

1 hour 30 mins.
2 hours 15 mins.

(3)

Monday, 7th. October, 1963.

NIAKA - POAGARE - PASALAGUS

Commenced the revision of the census of groups residing in the vicinity of NIAKA, completed same at approx. 1015 hrs. People here had no complaints. At 1030 hrs. commenced the return walk to PASALAGUS. Arrived at POAGARE at approx. 1240 hrs. Took a brief rest at this point, and made enquiries as to the presence of a particular native, for whom I had an amount of money held over on an N.M.F.A. transfer, however as events transpired, this person belonged to a group at POQUARE, near W APENAMANDA. Enquiries also made into the presence of 'squatters' on native land. Continued the journey at 1300 hrs, arriving PASALAGUS at 1415 hrs.

Spent the afternoon in compiling the statistics of the morning's census and organizing a carrier line for the following days' walk.

R.O.N.

Actual walking time: NIAKA - POAGARE 2hrs. 10 mins.
POAGARE - PASALAGUS 1hr. 15 mins.

Tuesday, 8th. October, 1963.

PASALAGUS - TONGORI - WOILEP

Departed PASALAGUS R.H. at approx. 0715 hrs. Walked for approx. one hour along the track to the next site, TONGORI, then despatched the patrol equipment in company with one policeman on to TONGORI, whilst I walked to a site, NIKITENGESA, the proposed site for a Lutheran Mission Agricultural Lease, which was to be surveyed and investigated by this patrol.

Reached the proposed site after about 40 minutes hard walking. On arrival however, it was found that Missionary who was supposed to mark out the proposed boundary of the site, had only roughly pegged out one boundary, and no other markers of any description were to be found. As the Missionary involved was not present at the time at his Mission Station at PASALAGUS, the patrol had no alternative except to defer the survey to a future date. (at the time I had the intention of referring this matter to Mr. G.H. HARDY, A/A.D.O. who I expected would be coming in to PASALAGUS to inspect work being done on the new airstrip, and as the Missionary was also expected back at about the same time, I thought that it would be possible to have him clarify the boundaries in Mr. HARDY's presence, and thereby enable him to do the survey. However, due to unforeseen circumstances, Mr. HARDY was unable to make the trip, and unfortunately nothing could be done.)

The patrol then continued the walk to TONGORI over a good track, arriving at 1240 hrs. Took time for a meal, and commenced the census at 1315 hrs. Completed same at 1415 hrs. I then collected witnesses for the forthcoming Supreme Court hearing at WAPAG, paid off the carriers from PASALAGUS and recruited locals for the walk to the next site, WOILEP, which was reached at approx. 1545 hrs. On arrival notified village officials to assemble their groups the following morning for the census.

Remainder of the afternoon spent in the purchasing of feed from the locals and recruiting a carrier line for the return to WOILEP.

(Const. GANIMA who had been at PASALAGUS for the past two months was forced to remain there, due to a leg infection, he was instructed to return to WAPAG as soon as the infection cleared.) R.O.N.

Walking times. PASALAGUS - TONGORI 2hrs. 40 mins.
TONGORI - WOILEP 1hr. 10 mins.

(4)

Wednesday, 9th. October, 1963

WOILEP - POKES.

Commenced the revision of the census at WOILEP, at 0830 hrs. This work was completed at approx. 1030 hrs.

I heard a request from one group, LIGUIK (Yangari and Pap), which wants to change its village official (Tul-Tul), claiming that the present personage is too old and inefficient to meet the needs of the group, I told them that I would refer the matter to the A.D.O.

About one hour was spent collecting witnesses for the Supreme Court and in organizing the cargo ~~for~~ for the walk to POKES R.H. Eventually departed WOILEP at 1130 hrs. The track was found in fair order all the way to POKES R.H., however a new bridge over the SUI River was constructed under supervision. Arrived at POKES at approx. 1715 hrs. Found the rest house in rather a dilapidated state and repair to same was duly executed. R.O.N.

Walking time. WOILEP - POKES 4 hrs. 40 mins.

Thursday, 10 th. October, 1963.

POKES-IPEKES.

Departed POKES R.H. at 0630 hrs. for IPEKES R.H. The track in the main in fair order, although found a bit sloppy in places. At approx. 0800 hrs. came upon Mr. the Rev. M. WAGNER, of the PASALAGUS Lutheran Mission, the person concerned with 'NIKITENGESA' the proposed Agricultural Lease, who was returning to the mission from a brief rest at MADANG. I related to him the circumstances surrounding my failure to survey and investigate same, and he apologized for the oversight and stated that he would correct the position before the next patrol to the area.

Continuing, the patrol crossed the MUK River at 0940 hrs. and arrived at IPEKES R.H. at approx. 1150 hours. The afternoon was spent on paper work relating to the census and the purchase of food from the local people.

A note was despatched to Mr. G. MURRAY, Med. Asst. at LAIAGAM, requesting a loan of his Fwd. Control. Land Rover to carry the patrol equipment and personnel to WABAG. R.O.N.

Walking Time: POKES-IPEKES 5 hrs. 20 mins.

Friday, 11th. October, 1963.

IPEKES - LAIAGAM

Left IPEKES R.H. at approx. 0850 hrs. and walked to the Catholic Mission Station close to the vehicular road. Here I received word that the Fwd. Control L.R. was not available as Mr. MURRAY had driven to Mt. Hagen the day before.

I received a lift into LAIAGAM in the Mission vehicle in order to try and arrange transport to WABAG. The patrol equipment was carried into LAIAGAM, arriving at 1350 hrs. Meanwhile, after failing to contact WABAG by radio, I drove into WABAG in the D.N.A. L.R. belonging to LAIAGAM, in order to arrange for transport. I then returned to LAIAGAM, where the carriers were paid off, and the equipment organized for an early return to WABAG the following morning. Remained overnight at LAIAGAM.

Saturday, 12th October, 1963.

Patrol equipment and personnel departed LAIAGAM by Land Rover and tractor at 0830 hrs. Arrived at WABAG at 1015 hrs.

END OF PATROL.

Introduction.

The main purpose of this patrol was the annual revision of the Census, also two land matters were to be attended to, the purchase of Lease 'Pasalagus' surveyed by the previous patrol to the area in February of this year, also the investigation for an Agricultural Lease, 'Nikitengesa' applied for by the NEW GUINEA Lutheran Mission. In addition to the above an investigation into the incidence of 'squatting' on Native owned land was to be carried out.

The patrol accomplished all of the above, with the exception of the investigation into the Agricultural Lease 'Nikitengesa', the reasons for which are given in the accompanying Diary. This matter was unfortunate, but under the circumstances could not be avoided.

Due to the fact that the writer was to return to WABAG to appear as a witness before the Supreme Court, it was necessary to complete the patrol in a slightly shorter time than is usual for same, however, due to the small population of the Maramuni Area, the patrol was able to carry out it's tasks without undue haste.

Native Affairs

The Native Affairs situation throughout the whole of the Census Division, as seen by this patrol, is extremely sound. Only one dispute of a minor nature was brought to the notice of the patrol, although the people were encouraged to discuss their grievances at all points visited.

In direct contrast to the other Census Divisions of the WABAG Sub-District, there are no land problems, due to the fact of there being ample areas of land available in the area to meet the needs of the small population.

At all Census points the patrol was met with good attendance, although in a few places the people had to walk fair distances given only comparatively short notice of the patrol's coming.

It was noticeable to the writer that the standing of the women in the Maramuni area is considerably above that of their Wabag counterparts, and dissension over women is comparatively lessened.

The people of the area are exceedingly money-conscious and the patrol found it almost impossible to purchase foodstuffs by any other means, trade-goods, face paint etc.

Due to the variations in altitude throughout the Census Division with the resulting variations in temperature, quite a wide variety of Native foods are grown and the potential exists for quite a number of European cash crops to be grown also. At the present time the people grow Potatoes, Peas, Beans, Tomatoes, Cucumbers and Shallots in small quantities. At the moment the only Cash Crop under cultivation in the area to speak of is Coffee, but the total number of trees planted only amounts to four thousand (approx.) These coffee plots are found at PASALAGUS, POGARE, NEBIAKU and were planted by local Natives using seed obtained from WABAG. There is some Castor Bean under cultivation but little interest appears to be taken in this crop. Despite the fact that there are number of ex Farmer-trainees in the area a fair number of the Coffee trees are in rather poor condition. Peanuts could be a source of income if encouraged, as well as a valued addition to diet.

However, when considering cash-cropping for the Maramuni area, the problem of access to market is always at hand. At the moment it is a good two days walk to the nearest market. Possibly, when the Mission Airstrip at PASALAGUS is completed, this may provide an outlet to the Native growers for a small amount of their produce. However, it is the opinion of the writer that this transportation problem will constitute an obstacle to the Maramuni's Economic endeavours for many years in the future.

It was noticeable that quite a few of the Maramuni natives are now working outside the district under the Highland Labour Scheme as a means of obtaining money.

Roads and Bridges.

There are no vehicular roads in the Maramuni Census Division at present, and it is hard to imagine that there might ever be one, due to the extremely mountainous and difficult terrain. The effectiveness of the Mission Airstrip at Pasalagus, when completed, should decide this issue one way or another, at least for the foreseeable future.

This patrol walked into the area through Lendol, along a track rarely used by the local natives these days. As a result of this and the consequent lack of maintenance on same, the track was found in very poor condition, and in ~~large~~ many sections was nothing more than a quagmire. On arrival at Kaientek a discussion was had with the lines concerned with the maintenance of the track, and I was informed that they were told by a previous patrol to ignore work on this track in favour of the improvement to other walking/tracks area. However, this patrol instructed them to make repairs to the worst sections as soon as possible, although this work may possibly be hampered due to the fact that a fair percentage of the labour force are working on the Pasalagus Airstrip. The Groups from Lendol were also instructed to make repairs to their section of the track.

Judging from the reports of Missionaries who use the track regularly, the track from Lendol through to Weilep at present ~~is~~ is by far the better of the two tracks when walking via. the Ambun Valley.

In the actual Maramuni area an excellent system of tracks exist, and instructions given by previous patrols in relation to same have been dutifully carried out.

The patrol walked out of the area from Weilep through to Peres, Ipekes and Liagam. This track is in reasonable order. I supervised construction of a new bridge over the Sui River as the old one presented a safety hazard. It was noticeable throughout the Maramuni Area, with its' number of swiftly flowing streams, that the locals insist on building rough bridges only a few inches above the level of the water, consequently after heavy rains a large percentage of these are washed away, as I attempted to point out in a number of cases, if an amount of time and effort was put into the construction of a suspension type bridge, a number of their frustrations in this regard could be avoided.

Census.

At all Census points the people were at all times co-operative towards the patrol, always gathered at the appointed time and with few absentees. This was all the more commendable when it is considered that at certain points only comparatively short notice was able to be given of the patrol's arrival and in certain cases the people had considerable distances to walk to the Census points.

The total population was 2,806 as against 2,731 the previous year. This is an actual increase of 75 people, and a percentage increase of 2.7%.

Births.

There were 103 births in a population of 2,806 people for this Census Division, making the birth rate approx. 3.67%. There were 52 males born to compare with 51 female births. The number of births exceeded the number of deaths by 72 making the nett. generic increase approx. 2.56%.

Deaths.

There were comparatively few deaths recorded at this Census, 31, the highest number of deaths occurring in the over 13 age group, 21 or approx. two thirds. The majority of deaths in this category were aged people. The age of greatest child mortality was between the ages of 1 and 4 years. Only two (2) deaths of new born children were recorded.

Migrations.

Most of the migrations recorded are those of women marrying in or out of the groups concerned, the males recorded are mainly children accompanying widowed mothers, the same applies to the female children.

Absent from Village.

There were 93 people absent from this Census who were either at work or at school. The majority of the males recorded as being at work outside the district were at work under the Highland Labour Scheme, only four were at work inside the District (Medical Orderlies and Labourers) There were no women gainfully employed from this Census Division.

There were twenty three Mission Students (three girls) as against eleven last year, mainly due to the increase in numbers at the Catholic mission school at Pasalagus. There are no children at present at Administration Schools.

Labour potential does not vary greatly from last years figures. There were thirty two pregnancies noted at the time of the Census.

Village Officials.

The Maramuni Village Officials are, in the main, very good. They carry more than the usual amount of weight with their people, who respect their position. It is the result of bringing men into office who had a high standing in the community beforehand. At all times the Officials were helpful towards the patrol in assembling their people for the Census and in giving assistance in other matters.

Whilst at Weilep, I was approached by the representatives of one group, Liguik (Yangari & Pap) who wish to change their Tul-Tul claiming that the present personage is too old and inefficient for the task. I notified them that I would refer the matter to the A.D.O. on my return to WARAG.

Missions.

There are three Mission bodies operating in the Maramuni Area, the Lutheran Mission (Missouri Synod) with their headquarters at Pasalagus and a number of Native Evangelists spread throughout the area, the Roman Catholic Mission, also based at Pasalagus with Native Evangelists throughout the area, and the Seventh Day Adventist Mission which is ~~also~~ represented by Native Evangelists throughout.

The above Mission bodies appear to be attracting ever increasing numbers to their Congregations and appear to be well accepted by the Native community.

Both European Missionaries at Pasalagus have made small improvements to their leaseholds which will no doubt will improve with the opening of the Airstrip. The Lutheran Mission hopes to acquire ground nearby to establish an Agricultural test plot for the area.

Resthouses.

The number of rest houses in the Maramuni area is sufficient to meet the needs of patrols, are well built and have been maintained in good order. The rest house at Poromanda, because of its position in an unpopulated area and the fact that the site hasn't been visited for over a year, was found in a state of disrepair. As the patrol did not stop over at this site, instruction was given to the groups concerned at Kaiantok to make the necessary repairs to same.

Carriers.

Carriage of the patrol equipment necessitated the use of from 48-50 carriers. A slight inconvenience occurred at Londol in the recruitment of carriers for the initial walk in to the Maramuni. On arrival at Londol it was discovered that the bulk of the population were away in the bush harvesting their Pandanus holdings and as a result I had to recruit most of my carriers from Monogam.

Cont'd.

This carrier line from Monogan carried to Kaientek, and were paid off here. In the Maramuni area itself, with walks of only a few hours at most between rest houses, it was possible to use local natives from each site, and no difficulty was experienced in this regard. In keeping with the findings of other patrols to the area, I found the people eager to co-operate in this regard.

When walking out of the Maramuni through Woilep, a carrier line from this point was recruited for the two days walk to Ilagan. There was no trouble experienced with any of the carrier lines and they worked well.

At all places ample food was obtained for the carriers.

Airstrips.

There are no airstrips in the Maramuni at present, however a new airstrip site at Pasalagus was surveyed last year and purchased earlier this year on application from the Catholic Mission. As the Lutheran Mission also have a European Missionary at Pasalagus, the two bodies decided to combine in the construction of the airstrip for their mutual benefit.

The airstrip is being built entirely with local labour and most of the able bodied men of the area are involved in its construction. At the time of writing approximately 250 yds have been cut out. This represents about two thirds of the whole task, as to complete this much hundreds of tons of shale have had to be cut out of the side of a ridge. Work has been under way for approx. nine months now and I was informed by the Catholic Missionary at the site that he is having trouble getting the groups up to work on the site on their assigned days. This is hardly surprising as little has been paid in compensation for the work already done.

The writers ~~impression~~ upon seeing the work already completed and looking at what still has to be done is of the opinion that the task will not be completed inside a space of quite a few months.

There is no doubt that this airstrip when completed will fill a needed gap in the supply and communication line to the Maramuni Area. It could also be a means of ferrying ~~in~~ some portion of the produce of the Maramuni area out to markets so helping to provide a much wanted money income to the people of the area.

Conclusion.

The people of the Maramuni & Census Division appear settled and content, and far more harmonious relations exist within the groups themselves here than in any other area of the Wabag Sub-District. As yet they have not been put to the test of regular contact with Europeans and familiarisation with European forms of activity as have their Wabag counterparts. If and when this occurs, it changes their outlook, is a matter of conjecture.

There is no doubt that these people are eager for assistance for their betterment as is shown by their reactions and enthusiasm towards the patrols to the area.

.....*R. Glover*.....

(R. GLOVER.)

Cadet Patrol Officer.

APPENDIX "A".

Royal Papuan and New Guinea Constabulary.

No 8036 Const. 1st. Class, GABUMI.

<u>Discipline.</u>	Vary Good
<u>Appearance.</u>	Good
<u>General Ability.</u>	A very efficient and reliable member, and a very good N.C.O. Has good control over his men and other patrol personnel.

No. 8078 Const. BIFI.

<u>Discipline</u>	Good.
<u>Appearance</u>	Smart.
<u>General Ability</u>	A quiet type, and an efficient and reliable worker.

No. 8482 Const. PERANO.

<u>Discipline</u>	Good.
<u>Appearance</u>	Smart.
<u>General Ability.</u>	A local of the area, and consequently quite a help to the patrol. However, is not over bright and only average in ability.

R. Glover
.....

(R. GLOVER)

Const Officer, R.P.N.G.C.

Appendix "B"

Medical and Health.

At present there are five Aid Posts in the Maramuni Area servicing some two thousand eight hundred people, or approximately five hundred and fifty people per Aid Post. As a result the people do not suffer for health services and as they are quite health minded a good standard of physical well-being exists throughout the area.

It was noticeable that the people of the Maramuni Area take full advantage of the Aid Post facilities and it was encouraging to see the number of births at the Aid Posts proper, a far higher percentage than is recorded in other areas of the Wabag Sub-District.

The writer made an inspection of all five Aid Posts whilst on this patrol, at Kaiemtok, Paralagus, Biaka, Tongori and Weilep, and all were found in satisfactory order and were comparatively well stocked.

The big problem of the Aid Post Orderlies in this area continues to be the problem of having to walk to Wabag every six to eight weeks in order to obtain medical supplies, although the situation has improved slightly in the fact that permission has been given to the N.M.O.'s to send in representatives to Wabag in order to take delivery of the medical stocks.

At the present time the five A.P.O.'s in the area appear to be doing quite a sound job, and very few visible signs of sickness were noticeable to the writer throughout the patrol.

The last Medical patrol to the area was in May of last year and the present Medical Assistant at Wabag intends to patrol the area again in a few weeks time.

R. Glover
.....
R. GLOVER.

Cadet Patrol Officer.

Appendix "C"

Agriculture and Livestock.

There are no land problems in the Maramuni area, this is in direct contrast to the situation that exists in other parts of the Wabag Sub-District. The people follow the practice of shifting fallow type cultivation of their staple crop, Kankau. The practice of building mounds for the growing of this crop is little adhered to in this area as higher yields per garden are not so essential to the Maramuni Native as to his Wabag counterpart. Other subsistence crops in order of importance are; Corn, Taro, Bananas, Sugarcane, Potatoes and Pumpkin. Other European varieties of vegetables grown on a small scale are Cabbages, Cucumbers, Tomatoes and Shallots.

Due to the variations in altitude and the resulting temperature differences, quite a variety of tropical fruits could be grown successfully in the lower areas of the region. The writer noticed quite a few pineapples and bananas in the area, although pineapples have only lately been introduced, pawpaws are also being grown.

It is possible that when the Mission airstrip at Pasalagus is completed, that some arrangement may be made with the missions to buy and transport the vegetable produce of this area to the coastal markets.

At the present time the only cash crop in the area under cultivation is coffee. However, at the moment there are only approx. 4,000 trees, the writer only saw a small percentage of these from the walking tracks. These appeared healthy, but I could say if this condition applied throughout. There are a number of ex farmer trainees in the area, which should assist the inexperienced Maramuni coffee grower.

It is possible that much of the higher land over 6,000 ft, which is at present not used to a great degree, in the future could be considered as gardens for the plant 'Pyrethrum' so giving the natives another cash crop. A small quantity of peanuts are at present grown in the area, these could be produced in commercial quantities as well as for providing a valuable addition to diet.

Livestock in the area is made up of Pigs and a small amount of poultry, but very little. The Maramuni pig generally, is a good style of animal and is highly regarded throughout the Wabag Sub District. (The 'TE' pig exchange of the Wabag area is not practised amongst the Maramuni people.)

R. Glover

R. GLOVER.

Cadet Patrol Officer.

APPENDIX 'D'

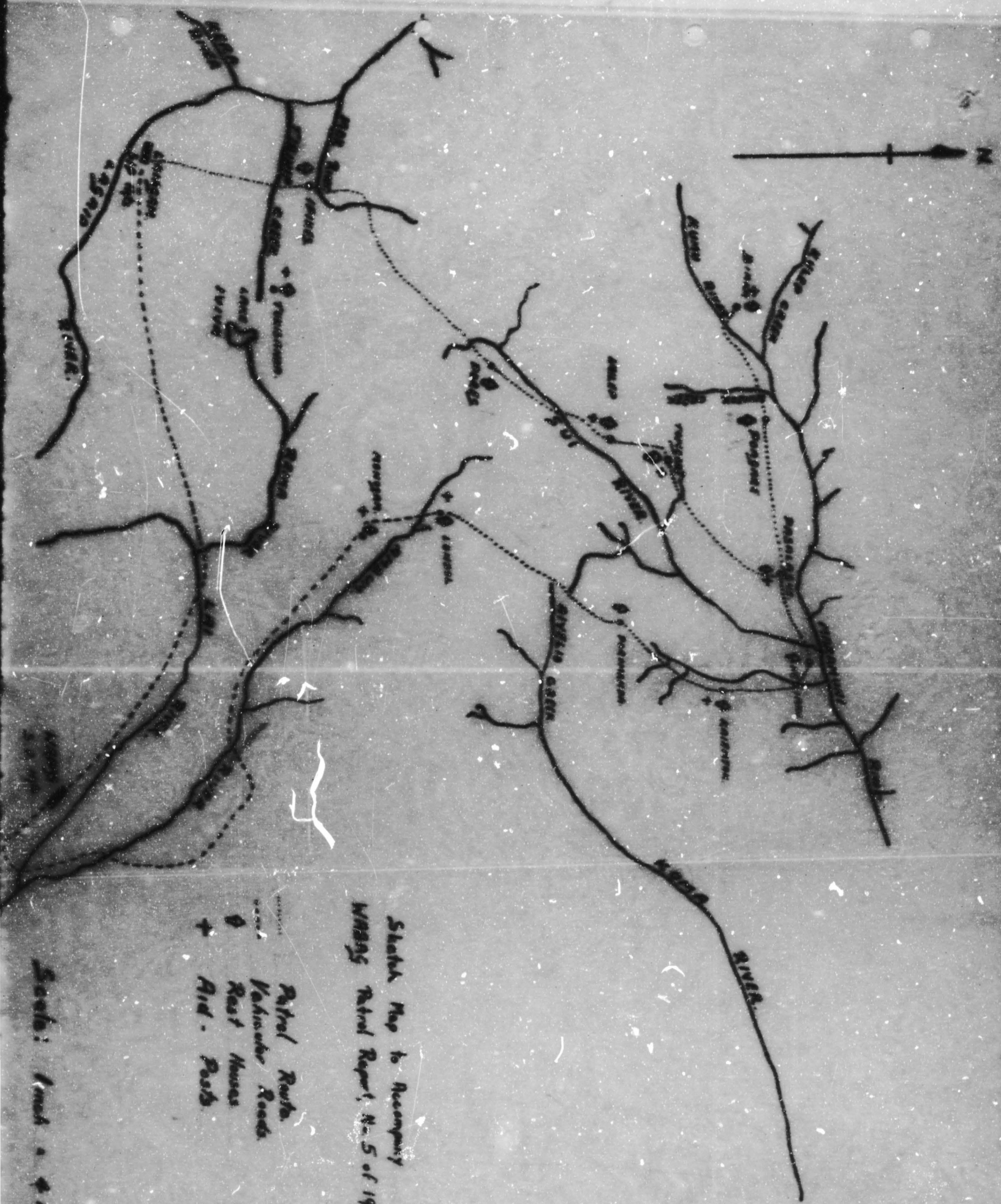
Details of 'Squatting' on Native owned land.

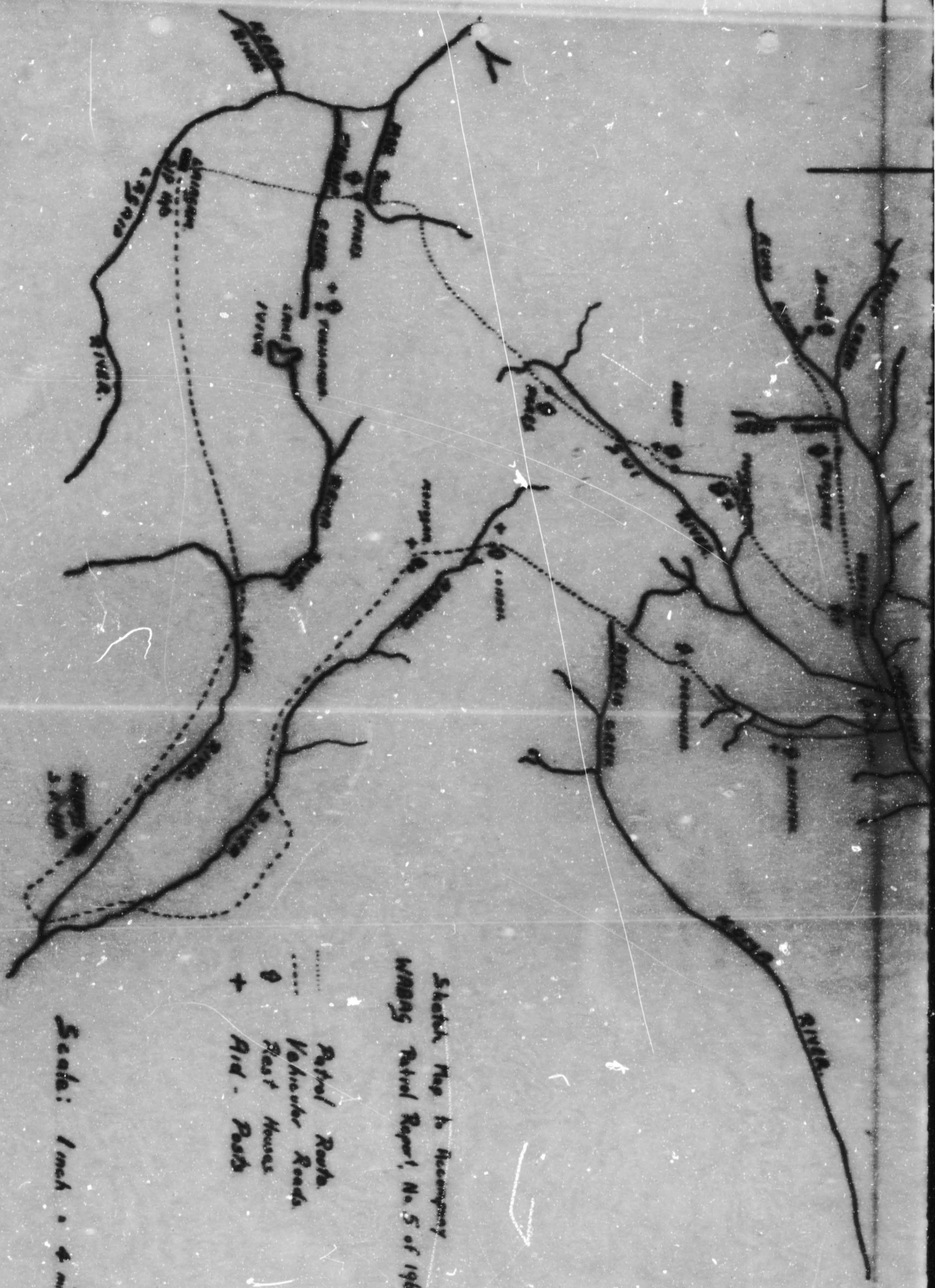
MARANUMI Census Division, WABAG Sub-District.

On investigation into the incidence of squatting on Native owned land in this Census Division, the writer found fifteen cases of Native Evangelists occupying land belonging to local natives. Details are as follows:

Place	Mission	Area Occupied	Length of Occupancy.
Kalientok	S.D.A.	$\frac{1}{2}$ acre (approx.)	One year (app)
Pasalagus (Mantep)	Lutheran Mission.	$\frac{1}{2}$ acre (approx)	Six months "
Pasalagus (Pai)	S.D.A.	$\frac{1}{2}$ acre (approx)	One year six months "
Pasalagus (Togsoy)	Catholic Mission	$\frac{1}{2}$ acre (approx)	One year six months.
Pogare	Lutheran Mission	$\frac{1}{2}$ acre (approx)	One year six months "
"	"	1 acre (approx)	One year six months.
Riaka (Tindalaka)	Lutheran Mission	2 acres (approx)	One year six months "
Riaka (Yangageri)	Catholic Mission	2 acres (approx)	One year six months "
Riaka (Timpai)	Catholic Mission	2 acres (approx)	One year six months "
Riaka (Tuguli)	Catholic Mission	2 acres (approx)	One year six months "
Riaka (Tintak)	Catholic Mission	2 acres (approx)	One year six months "
Riaka (Yaka)	Lutheran Mission	2 acres (approx)	One year six months "
Tongori (Kerei)	Lutheran Mission	$\frac{1}{2}$ acre (approx)	Five months
Wollep (Lumpi)	Catholic Mission	$\frac{1}{2}$ acre (approx)	One year six months "
Wollep (Yulirua)	S.D.A.	2 acres (approx.)	One year "

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R. GLOVER.
Cadet Patrol Officer





Sketch Map to Accompany
 WABAG Patrol Report, No. 5 of 1963-64

Patrol Routes
 Vehicle Roads
 Rest Houses
 Aid - Posts

Scale: 1 inch = 4 miles

R. GLOVER, C.M.O.
 October, 1963