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OF PAPUA NEW GUINEA

# **PATROL REPORTS**

DISTRICT: WEST NEW BRITAIN

STATION: Gasmata

VOLUME No: 10

ACCESSION No: 496.

1954 - 1955

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# Papua New Guinea Patrol Reports

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TERRITORY OF PAPUA AND NEW GUINEA

# PATROL REPORT

District of... NEW BRITAIN ..... Report No. CT-54/55 .....

Patrol Conducted by... J. YOUNG-WHITEFORD P.O. .....

Area Patrolled... K.O.L. SUB-DIVISION .....

Patrol Accompanied by Europeans... B.N. TRAGUE G.P.O. .....

Natives... 7 .....

Duration—From... 15/10/1954 to... 26/10/1954 .....

Number of Days... 12 .....

Did Medical Assistant Accompany?... NO .....

Last Patrol to Area by—District Services... 6/4/1954 .....

Medical ... .. / .. / 19 ..

Map Reference... CENTRAL NEW BRITAIN 4 MILES TO 1" .....

Objects of Patrol... (1) AMENDMENT OF CENSUS .....

(2) GENERAL ADMINISTRATION .....

DIRECTOR OF DISTRICT SERVICES  
AND NATIVE AFFAIRS,  
PORT MORESBY.

Forwarded, please.

23/11/1954

[Signature]  
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 .... £ .....

*Annual Ele Notes*

# Village Pop

Year 1954/55

VILLAGE	Date	Births		DEATHS												Females in Child Birth
				0-1 Month		1-4		5-8		9-13		Over 13				
		M	F	M	F	M	F	M	F	M	F	M	F			
<u>TIMOIA AREA</u>																
LAMLAMPUN	16/10/54															
PARALON	18/10/54						1									
REINUT	19/10/54		1													1
KAVAL	20/10/54		2			1										
KAVU	20/10/54															
<u>TOTAL</u>			<u>3</u>			<u>1</u>	<u>1</u>									<u>1</u>
<u>No. 2. KOL AREA</u>																
LAKIRI	21/10/54	13	13												3	2
MANI	21/10/54														1	
PENOI	21/10/54															
<u>TOTAL</u>		<u>13</u>	<u>13</u>												<u>4</u>	<u>2</u>
<u>No. 1. KOL AREA</u>																
KORA	22/10/54	4	2					1			1				3	2
LALIKA	22/10/54	3	3												1	
GNELEI	22/10/54															
ORA	21/10/54	4	3								1				2	4
BAKURIA	23/10/54	3	4													
PIAVU	23/10/54	2														1
TORILIVEI	23/10/54														1	
KULA	23/10/54														2	2
BAGATAVI	23/10/54	1													1	
PARAKAMAN	24/10/54															1
SENEL	24/10/54		1													
PATURU	24/10/54	1														
PIOVE	24/10/54	2														
MOIVE	24/10/54	3	4													
<u>TOTAL</u>		<u>23</u>	<u>17</u>					<u>1</u>			<u>2</u>				<u>10</u>	<u>10</u>
<u>GRAND TOTAL</u>		<u>36</u>	<u>33</u>			<u>1</u>	<u>1</u>	<u>1</u>			<u>2</u>				<u>14</u>	<u>13</u>

TERRITORY OF PAUA AND NEW GUINEA

Pomio Administrative Post,  
GASMATA, NEW BRITAIN.

4th. November, 1954.

The District Commissioner,  
District of New Britain,  
RABAU.

Patrol Report G.11(Gasmata) - 1954/55

Report of a patrol of the KOL sub-division  
which includes the areas of No.1 Kol, No.2 Kol, and  
Timoiip.

Officer conducting patrol: Jyoung-Whitford P.O.

Area patrolled : All villages in the No.1  
Kol sub-division.  
Please refer to attached  
map of Central New  
Britain 4 miles - 1"

Patrol Accompanied by

Europeans : Mr. Teague C.P.O.  
Natives : Luluais PAKINPITA and KENSUA  
5 members R.P.N.G.P.C.  
1 N.M.O.

Objects of Patrol : (1) Amendment of Census.  
(2) General Administration.

Duration of Patrol : 15/10/54 - 26/10/54  
Number of days - 12.

*J. Young-Whitford.*  
(J. Young-Whitford)  
Patrol Officer

DIARY.

- 15.10.54 0900 Departed Pomaio for TOKAI by boat.  
1200 Arrived TOKAI and awaited cargo  
arriving by road.
- 16.10.54 0900 Departed TOKAI for LAMALAMPUN  
arriving 1100 hours. 1430  
departed for TOKAI arriving 1630
- 17.10.54 Sunday observed.
- 18.10.54 0850 Departed TOKAI arriving PARALON  
(P'GOVE) 1120 hours.  
1420 Departed PARALON 1420 arrived  
REINUT(POGOLA) 1625 hours.
- 19.10.54 0820 Departed REINUT for KAVALI and  
arrived 1445.
- 20.10.54 0915 Departed KAVALI arriving LAKIRRI  
1200 hours. Census amended.  
1420 Mr. Teague departed for MANI  
returning LAKIRRI 1805 hours.
- 21.10.54 0815 Departed LAKIRRI arriving PENOI  
0940. Patrol met by Luluai  
KAVARI. 1105 departed PENOI  
for KORA village. Amended census.  
1500 KORA village census amended.
- 22.10.54 0815 Departed KORA for LALIKA arriving  
0835. Amended census and proceeded  
to new village site GNELIEI'I.  
1500 Departed GNELIEI'I for KORA.
- 23.10.54 0755 Departed KORA for BAKURIA arriving  
0820. Amended census and departed  
1025 for PIAVU arriving 1105. Hamlets  
of KULA and TORILIVEI grouped PIAVU for  
purposes of census.  
1505 Departed PIAVU for BAGATAVI arriving  
1530.
- 24.10.54 0735 Mr. Teague departed for PIOVE. Arrived  
PIOVE 0915 departed for MOIVE 1115  
arriving 1345.  
0755 Main patrol moved to PARAKAMAN  
arriving 0850.  
1030 Departed PARAKAMAN for SENEL and  
arrived 1135 hours. 1700 hours  
departed for PATUEU arriving 1330  
hours. Amended census.  
1500 Departed for MOIVE village arriving  
1630 hours. Amended census.
- 25.10.54 0700 Departed MOIVE for the coast  
arriving Cutarp Plantation 1530.  
Actual walking time 5 hours.
- 26.10.54 0800 Departed Cutarp Plantation for Pomaio  
arriving 1200 hours.

### INTRODUCTION

This patrol was primarily for amending the census and general administration throughout the three small areas of No.1 Kol, No.2.Kol and Timoip known collectively as the KOL sub-division.

Mr. Cadet Patrol Officer Teague accompanied the patrol and he showed keen interest in this, his first patrol in the Gasmata sub-district. On two occasions he was detached from the main patrol to amend the census of MANU and PIOVE villages.

The patrol was conducted in fine weather and rivers were not in flood. The area was, for the main part, undulating, more especially in the Nol Kol area. The Timoip and No.2 Kol areas are penetrated by the IKOI and BERGBERG rivers but were easily crossed on this patrol.

Luluais Pkinpita and Kensua accompanied the patrol and served as interpreters and as liason between the patrol and villagers. Luluai Kavari of KORA awaited the patrol at PENOI village and conducted it through the No.1 Kol area. His influence is strong throughout this area and he has always rendered good service to the Administration. Previous reports make mention of his reliability and service to any patrol party moving through his area.

### NATIVE SITUATION

Since the last patrol in May 1954 sub-division boundaries have been altered and the Extended Kol and Extended Mengen sub-divisions have been transferred to the administration of Talasea sub-district. The patrol just completed covers the Kol Sub-division which is situated behind and inland from Waterfall Bay. With the exception of Timoip and No.2 Kol areas the remaining area of No.1.Kol can be considered a plateau and, except in one area near MOIVE village, hills are rarely more than 100 ft. in elevation. Under the heading of roads I discuss more fully a project for the introduction of a vehicular road from the coast to this area.

There has been much reshuffling of villages in these areas since the previous patrol and in the No.1 Kol area two villages have moved from their isolated inland site to new ones nearer to KORA village. This is having the effect of consolidating the area from both an administrative and native point of view. The two villages concerned are LALIKA and GNELIEI'I the latter having moved from the headwaters of the IKOI river. This consolidation is native inspired and the native responsible is KAVARI of KORA. The village of GNELIEI'I was clean and well laid out and the villagers appeared rather interested in the patrol. Nineteen natives appeared to have their names entered in the village register. The new village site of



LALIKA is in very good condition and the houses are unusually constructed for this area. On top of the usual circular hut there is an additional small covering resembling a hat which serves as a ventilator and chimney. I have not previously seen this design in this area. This village has moved to within twenty minutes walk of KORA. Such consolidation has been encouraged but not forced. It has been ascertained that these movements do not affect tribal boundaries or land rights at all as they have simply moved to the outer perimeter of their areas. It has been explained to such groups that there will ultimately be advantages from such consolidation. They will cease to be classed as uncivilised bushmen and, if they absorb the principles of community life and economy, the advantages will far outweigh those being derived from their present nomadic and individual existence.

There has been a marked improvement in the sub-division since the 1953 patrol conducted by the writer. This is seen in the improved housing and overall cleanliness of the village sites. The previous village of KAUWA has been disbanded and the majority of the natives has moved to LAKKIRI village in the No.2 Kol area. The remainder of these people are at PENOI. The move is considered good as previous patrols have reported unfavourably on the old site. Previously they were situated in a swampy area which must have had a detrimental effect on the general health. It is realized, of course, that the previous site was probably used mainly as an assembly point for a patrol rather than a settled village site. The settlement at LAKIRRI will certainly be advantageous to themselves.

At KAVU village the Tultul, SUKA, informed the patrol that there was a group of approximately fifteen natives who desired to return from the Wide Bay area, Kokopo sub-district, where they had been since the end of the war. It seems that the ex-luluai of KAVU, MAILU, had taken them down there after a difference of opinion within the group but that had now been settled. They were told that the decision was entirely their own and they could return if they wanted to.

The possibility of developing this sub-division, and especially the No.1 Kol area, is apparent if it accepted that a road can be constructed to join the main road on the coast near Cutarp Plantation. It is considered that these people should now be given the opportunity to advance from their present undeveloped state to that of economic producers. It is admitted that each census patrol is recording new names but these are mainly from isolated areas further inland. For the main part the people have had continual patrols throughout their sub-division and have had sufficient contact with Europeans to make them realize that they can be raised above their present level if the opportunity is given to them. These people are willing

and able to assist themselves and I feel that the Administration should encourage any such move to better themselves.

WAR GRATUITIES.

One War Gratuity was paid to SOLIMU of MOIVE village amounting to £3/10/-. This completes the payment of gratuities in this sub-division.

NATIVE MONIES TRUST ACCOUNTS.

One payment out of N.M.T.A. was paid to the relatives of the deceased native, BULI of BAKURIA, amounting to £3/15/-. He was an employee at Tobera Plantation in the Kokopo Sub-district.

MISSIONS.

There is no mission activity in this area at all. It appears that there will be no activity in this area until a priest of the Roman Catholic Mission settles permanently at MATONG on the coast.

EDUCATION.

Only three natives from this sub-division are attending school and that is at Administration School at Goinali. There are none attending the Mission school at Matong.

HEALTH.

Native Medical Orderly KAMBU of the Native hospital accompanied the patrol and treated minor cases. Fifty-nine natives were sent to the Native Hospital for treatment. Those requiring treatment were suffering from yaws and untreated sores. One child in particular, DABU of PIAVU, suffering from multiple cellulitis and was sent to hospital. According to the parents and natives she was going to die in two to three days. However, the child is responding to treatment at the hospital and will undoubtedly recover.

Stocks of medical supplies held by M.T.T's were practically negligible and this can be attributed in part to the reluctance of the M.T.T's to visit the Native Hospital to replenish supplies. The Medical Assistant intends visiting this area in January and will make his own plans for stepping up the attendance of these officials at the hospital. There are only four in the sub-division which is far below the minimum requirements for such a number of natives.

There seems to be a reluctance on the part of natives to take an interest in this particular field of native administration so it has been arranged to set up a training course at Pomio for those who volunteer as M.T.T's. As soon as a volunteer is acceptable he will be put through an elementary induction course of three months and during that period

he will get an insight into the routine of the Native Hospital. It is thought that such a course will instil into the people the necessity for having hospitals and may bring them to the realisation that the hospital is there for the sole purpose of administering to their medical needs.

#### AGRICULTURE.

The most striking feature of this patrol has been the marked increase in the number of new gardens planted and the overall increase in the production of native foods. All villages had ample supplies of food and it was again impressed on the natives in the subdivision that only by greater food production could they avert the starvation period through which they have passed over the years. One noticeable feature was that gardens are now being planted on the main Government road instead of in isolated areas.

The writer broached the subject of cacao planting with all groups to ascertain the general feeling toward the introduction of such an economic crop. The results were exceptionally good and all were unanimous in stating that such a project would be both progressive and advantageous to themselves. The general attitude was that they had been non-progressive for too long and that cacao planting could be the first step towards giving themselves the opportunity to become producers in their own right.

If this project is agreed to PASINI of TOKAI, who is an experienced native with regard to cacao, could be sent to this area to put the project into operation. Recent correspondence from the Agriculture Officer in Rabaul has intimated that if the work is available in the Pomio area PASINI could be employed by his Department in this area. I feel sure that if this proposal is put before him he will co-operate in this project. There can be no doubt what the effect will be if these people realize that the Administration is behind them in giving them the opportunity to attain an individuality of their own.

#### FORESTRY.

Large stands of KAMARERE were sighted on the banks of the BERGBERG River in the vicinity of PARALON village. The remainder of the area is lightly timbered and does not appear to be of commercial value.

#### LIVESTOCK.

Pigs are still kept for native ceremonies and are not eaten regularly. Boars are castrated so that they may be fattened for such ceremonies. It appears that only one boar is kept in each village for breeding

purposes. The only fowls sighted were at PARALON village and these were in small numbers.

VILLAGES.

Nineteen villages were visited by this patrol although twenty-two appeared for census recording. The small hamlets of TORILIVEI and KULA appeared at PIAVU village for census. The natives of TORILIVEI are still living in their gardens and appear only for census. They have been encouraged to settle down on the one spot and establish a village. This applies also to the natives of ORA. The latter have promised to build a village about three hour's journey inland from the new village of GNELIEI'I.

The village of KAUWA has been disbanded and the villagers are settled now at either PENOI or LAKIRRI.

In the No.2 Kol area it is anticipated that there will be further village movements. The village of KAVU is situated inland from KAVALI and it is now intended that a road will branch off from the main REINUT-KAVALI road and the future patrol route will be REINUT, KAVU, and then KAVALI. KAVALI, also, will be moving to a new site as the ground they are at present residing on belongs to the ex-luluai of REINUT, LOKA.

Village sites have improved and are now adjacent to streams and rivers. More houses are being constructed which indicates that the population is endeavouring to settle down permanently in one area.

VILLAGE OFFICIALS.

Luluais PAKINPITA and KENSUA accompanied the patrol and through their efforts a few matters were brought up which normally would be kept hidden. Matters brought up were mainly domestic disputes and were settled amicably on the spot.

Generally officials were active with the exception of the luluai of LAKIRRI, KALWOWI, who had neglected his roads to such an extent that they were practically impassable. The number of officials in the sub-division are as follows:-

Paramount luluais	Nil
Luluais	13
Tultuls	15
M.T.T's	4
	----
Total	32
	----

REST HOUSES.

Rest houses were in good condition and are maintained throughout the year. Although of simple design they are well constructed and are weatherproof.

ROADS.

With the exception of MOIVE, LAKIRRI,

and KAVALI villages the roads were maintained at a high level. Fallen trees obstructed the roads and the road from MOIVE to the coast had not been cleared for at least a year. It was impassable and the road had to be cleared as the patrol was on the move. Word of the proposed patrol had been sent out three weeks previously and it can only be assumed that the natives thought the patrol would proceed to the KOL sub-division instead of returning direct to the coast.

The second matter brought up by the patrol was the possible introduction of a vehicular road from the coast to the No.1 Kol area. It was brought up as a feeler in the first instance but the response was immediate and according to the people it was possible. With this in mind the matter was brought up at all villages and all were unanimous in stating that they were willing to do it. It appears that a level strip of ground runs from the SIBIL river inland and then there is a gradual rise until the village of PATURU is reached. The proposed road would follow that used at the present by natives from the coast who wish to go inland. The main Government road running through MOIVE to PATURU would be an impossible task as it is mountainous and is of rock formation. By avoiding this section it seems that that no mountains are encountered. If this is the case there would be no obstacles after reaching PATURU as from there inland to LALIKA the road is undulating and there are no hills of a higher elevation than 100 feet. I consider that the people should be given the opportunity of trying to construct this road as it would open up the area for possible economic expansion. It would also be of great benefit to the people themselves if the cacao project is sanctioned. Another direct benefit would be a better health service to the people.

I would like to stress that as far as the road is concerned no persuasion has been used by the writer. A project such as this must have the support of all the people in the area and must basically be a requirement of the people. The project must be voluntary and must be a community effort. It would appear that these requirements apply in this instance. I am informed that the area is to be divided into groups and these groups will work as a unit for one month on a section of the road from the coast to PATURU. When the road has been completed to PATURU the individual villages will revert to maintaining their own section of the road.

#### CEMETERIES.

Cemeteries are maintained at established village sites and are well kept. As regards the more primitive natives the dead are still being buried in the bush but this should alter when established village sites are set up.

CENSUS.

The total number appearing in the Village Registers in the areas of the KOL sub-division is 1795 which is an increase of 49 since the last census patrol in March/April 1954. Births totalled 69 and deaths were 32, births exceeding deaths by 37. Forty-three new names were recorded but this increase is not noticeable as emigrations exceeded immigrations. Twenty-seven of the deaths recorded were in the age group over thirteen. This would indicate that closer attention is being paid to the care of the children.

The census total is made up as follows:-

Residing in village	males	895
Residing in village	females	833
Employed in Rabaul area		44
Employed in Pomio area		20
Attending Government School		3
	total	1795

One of the most progressive villages in the sub-division is BAKURIA. The January 1953 census figures revealed that there were eleven births as against one death. Since then there have been eighteen births as against four deaths. This is particularly heartening but it is a pity that emigrations exceed immigrations to such an extent that the actual population increase is not shown in the total of the Village Register.

The remainder of the villages are static and there is neither a noticeable increase or decrease in population.

COMPLAINTS & COURTS.

Eleven domestic disputes relating to gardens and pigs were settled on the patrol. One case of adultery was brought to the notice of the patrol at PARALON village.

CONCLUSION.

There is a definite improvement in the sub-division especially where gardens are concerned. They apparently realized that the planting of extensive gardens was an answer to the shortage of food which was most evident last year. The fact that patrols in the sub-division are now six monthly would have a stabilizing effect also.

The patrol was well received and the interest shown in the cacao and road projects led the writer to understand that they were more than prepared to shake themselves out of their previous apathetic ways. This attitude will be well repaid in future years when they see the results of their labour.

*J. Young-Whitford*  
(J. Young-Whitford)  
Patrol Officer

R. P. N. G. P. C.  
Report

REG. NO. 8340 Constable USIMBARUM

Acted as senior constable i/c and carried out his duties diligently.

REG. NO. 8182 Constable KUNDIBI

Not a particularly bright type and has a very high opinion of his own capabilities which is misguided.

REG. NO. 8297 Constable AHARE

Quite conscientious and capable.

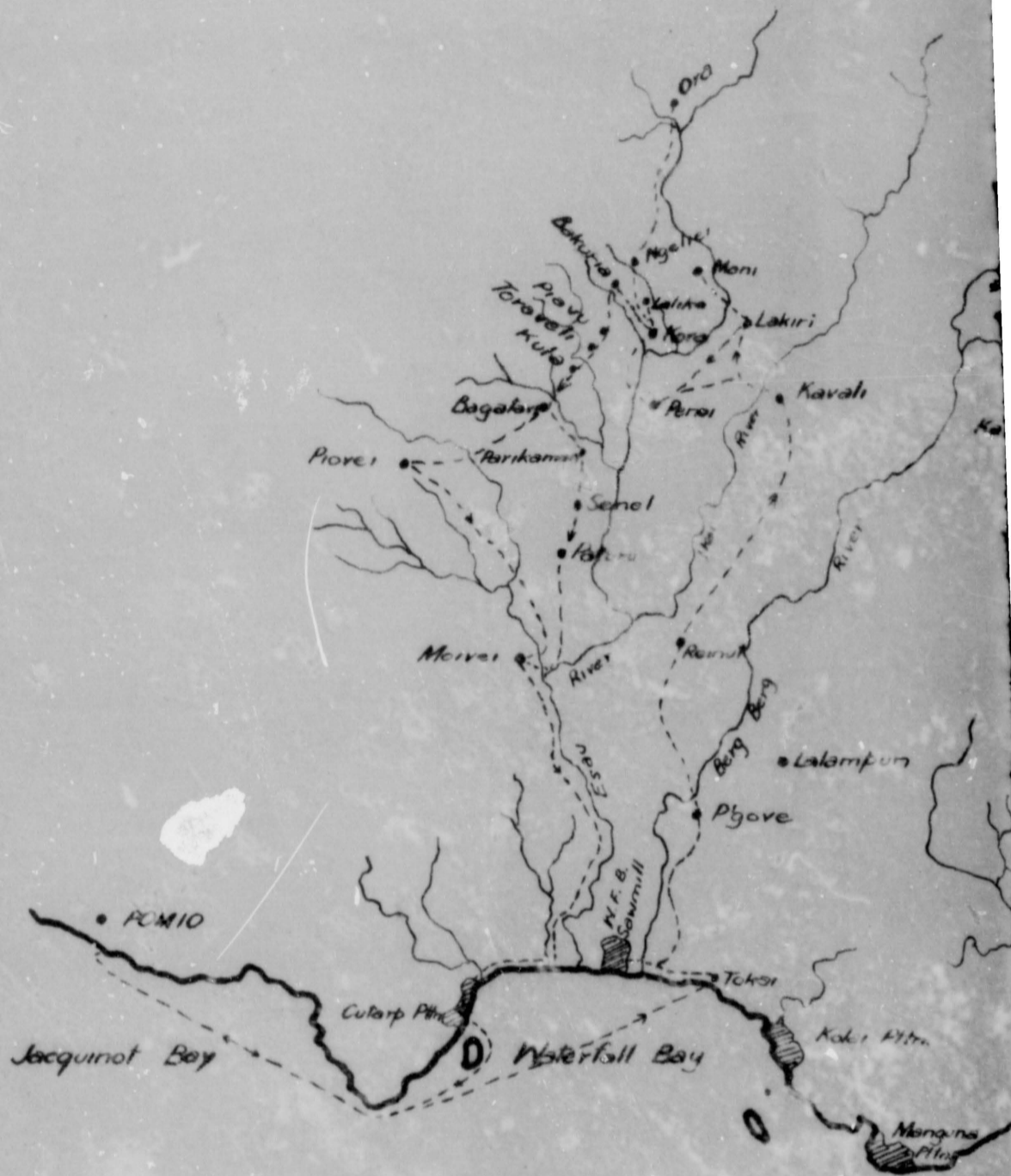
REG. NO. 8315 Constable TEL.

Carries out instructions quickly and willingly and is conscientious.

REG. NO. ~~SANAMBA~~ 8541 Constable SANAMBA

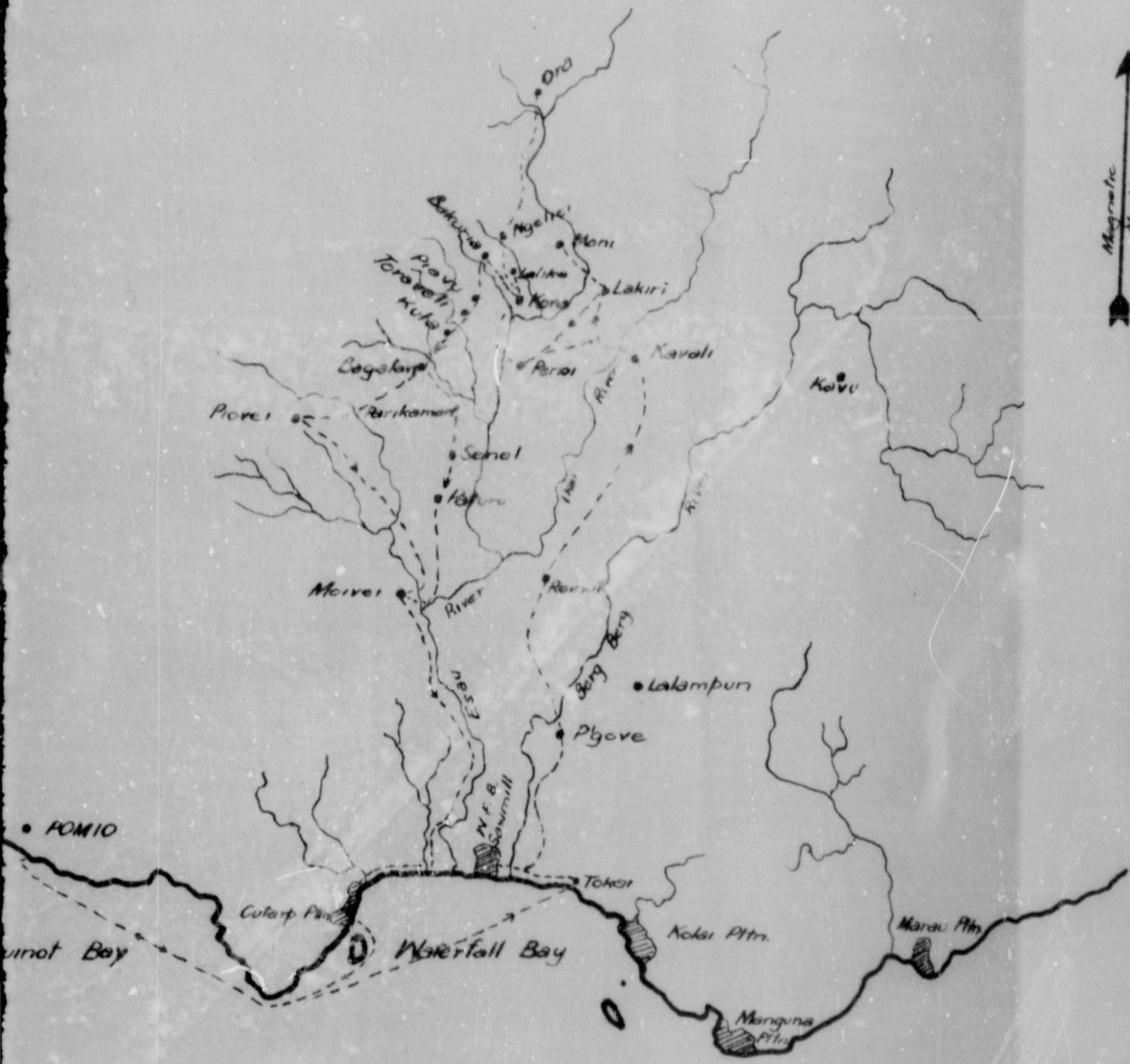
A steady and reliable constable who carries out directions promptly.

To accompany Patrol Report GIX of 1954-1955.





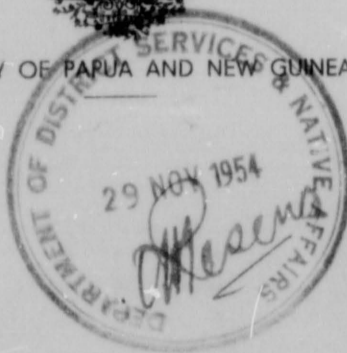
Company Patrol Report GR of 1954-1955.



TIMOIP - NO. 1 KOL -  
NO. 2 KOL.  
Pomia Administrative Post  
6-11-54.  
Scale 1 inch = 4 miles. *BT*



TERRITORY OF PAPUA AND NEW GUINEA



36/13/167

*In Reply  
Please Quote*

No. DS.30/1/5-

District Office,  
RABAUL,  
22nd November, 1954.

The Director of District Services  
and Native Affairs,  
PORT MORESBY.

Subject: Patrol Report G.II of 1954-55 by  
Patrol Officer J. Young-Whitford-  
Kol Sub-division, Gasmata, New Britain.

I agree that every encouragement should be given to the people to open up their area by means of good roads, but this does not mean that we will pay them for it any more than we pay them for building their own houses. Assistance in the way of tools could no doubt be arranged.

Everyone wants to plant cocoa, but it seems to me unless the cocoa is easily accessible to qualified inspectors the place is likely to become a source of disease. It is possible too that the area may be too wet to allow for drying except by expensive hot air equipment. However, this will be a matter for the Agricultural Extension Officer to decide and if he is in favour we will do what we can to assist.

Extracts under the headings of Health, Agriculture, Education and Police have been forwarded to the local representatives of those departments.

(J.R. Foldi)  
District Commissioner,  
New Britain District.

1st December, 1954

The District Commissioner,  
New Britain District,  
RABAUH.

Patrol Report GASHATA No. 2 of 1954/55

The above-mentioned Report submitted by Mr. J. Young-Whitford, following his Patrol of the KOL sub-division, accompanied by Cadet Patrol Officer Teague, is acknowledged.

This Patrol appears to have been well received by these inland people, whose village sites and subsistence gardens showed noticeable improvement since last year. I was glad to note too, that the total births were more than double the number of deaths, and that a slight upward trend in population is indicated.

A vehicular road is the prerequisite for making real headway in developing a backward area. However, before the native people are allowed to put a lot of hard work into the project, it must of course be ascertained that there are vehicles locally who would use it and that it would be maintained properly. If this is so, one of our officers could make a survey and mark the best route with guiding pegs. No doubt some assistance could be rendered in the way of providing some tools, and for a start the builders would have to be shown what was required as to width, camber, surfacing, etc..

Cocoa planting by natives should only be undertaken with the concurrence and guidance of the Department of Agriculture, Stock and Fisheries representatives, which is the apparent intention as outlined in this Report. The plantings would have to be properly maintained from the start, and of course before that, a means of marketing the beans in a few years time must be assured.

Mr. Young-Whitford has provided a comprehensive and interesting Report.

*AAR*  
(A.A. Roberts)  
Director.

*(SIA) m/112*

# ion Register

Area Patrolled... *Ko.L.*... *SUB-DIVISION*

S Out	ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL	
	AT WORK				STUDENTS				Males		Females		Pregnant	Number of Child Bearing Age		Child		Adults			
	Inside District		Outside District		Govt.		Mission		10-16	16-45	10-16	16-45				M	F	M	F		
	F	M	F	M	F	M	F	M	F												M + F
		2		1						6	9	10	11		11	3	9	6	14	16	48
2		4		2		1				1	12	2	11	1	17	3	5	9	21	20	62
		1								5	12	1	6	1	6	3	7	3	13	9	33
		5								15	20	18	29	1	29	4	25	27	28	41	126
1										4	5	3	4		4	4	6	5	7	6	24
3		12		3		1				31	58	34	61	3	67		52	50	83	92	293
18		2		4						38	60	29	55	5	57	4	49	44	75	73	247
1		1								9	14	2	8		8	4	11	4	16	10	42
1				2						6	11	7	11		11	3	8	10	14	13	47
20		3		6						53	85	38	74	5	76		68	58	105	96	336
35		2		2						9	23	7	24		24	3	13	10	29	30	86
3				9						9	20	8	15	1	15	3	11	12	26	19	77
				1						14	16	10	15		15	4	22	14	23	20	80
4										12	22	10	18		18	4	19	14	28	24	85
4		1		3						23	38	21	35	3	35	4	33	42	46	46	171
1				2						16	14	12	14		14	5	24	16	19	19	80
				4						11	10	7	14		14	5	18	13	14	19	68
4										3	8	5	9		9	4	5	8	10	11	34
6				2						15	19	10	20	1	20	4	19	13	24	27	85
				6						2	14	3	11	2	11	3	6	8	18	17	55
				4						3	18	10	15	1	15	3	8	16	25	21	74
		1		2						14	14	6	18	1	18	4	20	12	20	26	81
2										8	16	9	15		15	4	15	13	23	20	71
		1				2				20	31	10	25	2	25	4	31	16	38	31	119
59		5		35		2				159	263	138	248	11	248		244	207	343	330	1166
82		20		44		3				243	406	210	384	19	391		364	315	531	518	1795