

NATIONAL ARCHIVES & PUBLIC RECORDS SERVICES  
OF PAPUA NEW GUINEA

# **PATROL REPORTS**

DISTRICT: MOROBE

STATION: Kaiapit

VOLUME No: 2

ACCESSION No: 496.

1953 - 1956

ISBN: 9980 - 910 - 40 - 2

Filmed by/for the National Archives of Papua New Guinea,  
PORT MORESBY - 1991

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# Papua New Guinea Patrol Reports

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PATROL REPORT OF: KAIAPIT MOROBE

ACC. No: 496.

Volume No: 2 ..... 1953-56 ..... Number of Reports: 11 .....

REPORT No:	FOLIO	OFFICER CONDUCTING PATROL	AREA PATROLLED	MAPS/PTS	PERIOD OF PATROL	FICHE No:
1	1 OF 1953/54	H.G.G. GRAHAM DUFFY	ONGA CENSUS DIVISION.		10.1.54 - 19.1.54	
2	2 OF 1953/54	H.G.G. GRAHAM DUFFY	ATZERA CENSUS DIVISION.	MAP	24.2.54 - 8.3.54	
3	1 OF 1954/55	D.G. CALDER P.O	YALOS, AMARI & MARKHAM CENSUS DIV		16.8.54 - 3.9.54	
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5	3 OF 1954/55	D.G. CALDER P.O	ONGA AND AMARI CENSUS DIVISION.	MAP	6.12.54 - 17.12.54	
6	4 OF 1954/55	D.G. CALDER P.O	IRUMU CENSUS DIVISION.	MAP	7.2.55 - 19.2.55	
7	5 OF 1954/55	D.G. CALDER P.O	AMARI CENSUS DIVISION.		24.3.55 - 5.4.55	
8	6 OF 1954/55	D.G. CALDER P.O	ATZERA CENSUS DIVISION.	MAP	16.5.55 - 1.6.55	
9	1 OF 1955/56	G.R. GREY P.O	YALOS AND MARKHAM	MAP	11.8.55 - 26.8.55	
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MCROBE DISTRICT PATROL REPORTS 1953 - 56

KAIAPIT

<u>Patrol No.</u>	<u>Officer Conducting Patrol</u>	<u>Area Patrolled.</u>
1-53/54	H.G.G.Graham-Duffy x	Onga Census Division
2-53/54	H.G.G.Graham-Duffy,	Atzera Census Division
1-54/55	D.G.Calder x	Yaros, Amari and Markham headwaters Census Divisions
2-54/55	D.G.Calder x	Leron and Atzera Census Divs and Narawapum Village.
3-54/55	D.G.Calder x	Onga and Amari Census Division
4-54/55	D.G.Calder x	Irumu Census Division
5-54/55	D.G.Calder x	Amari Census Division
6-54/55	D.G.Calder x	Atzera Census Division
1-55/56	G.R.Grey x	Yaros and Markham headwaters
2-55/56	D.G.Calder	Onga and Waffa Headwaters Census Divisions
3-55/56	D.G.Calder	Lower Leron and Atzera Census Divisions



TERRITORY OF PAPUA AND NEW GUINEA

# PATROL REPORT

District of KAIAPIT, MOROBE Report No. 1 of 53/54

Patrol Conducted by H.G.G. GRAHAM-DUFFY P.O.

Area Patrolled ONGA SUBDIVISION

Patrol Accompanied by Europeans.....

Natives.....

Duration—From 10/1/1954 to 19/1/1954

Number of Days 10

Did Medical Assistant Accompany?.....

Last Patrol to Area by—District Services...../...../19.....

Medical ...../...../18.....

Map Reference.....

Objects of Patrol CENSUS, WAR DAMAGE & ROUTINE

Director of Native Affairs,

PORT MORESBY.

Forwarded, please.

10 / /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 .....

.....

.....

.....

popula

in Child Birth	MIGR	
	In	
	M	F

30-7-181

11th March, 1954

The District Commissioner,  
LAE

Patrol Report - KAIAPIT, No. I/53-54.

The Report of Mr. H.G.G. Graham-Duffy, Patrol Officer in charge at KAIAPIT, of his Patrol of villages in the Onga sub-division near to his station, is acknowledged with thanks.

Mr. Graham-Duffy has submitted a well-written report and it would seem that the villages visited are generally in good order.

I am glad to see that these natives are to be encouraged to plant more economic crops suitable to the locality.

Although the Officer-in-Charge is our sole representative at KAIAPIT, he should spend the bulk of his time on field patrols with reasonable intervals on the station between times.

When addressing village committees before taking census persistent reference should be made to the desirability of married people rearing large families and thus helping to build up the population.

*A.A. Roberts*  
(A.A. Roberts),  
Director, DCSMA.

PA

TERRITORY OF PAPUA AND NEW GUINEA.

30/9/181

HLRN.LH.



DS. 30/3/15

District of Morobe,  
Headquarters,  
LAE.

13th February, 1954.

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

PATROL REPORT - KAIAPIT NO. 1 of 53/54.

Forwarded herewith are copies of a Patrol Report submitted by Mr. H.G.G. Graham-Duffy, covering a patrol of the ONGA Sub-division in the Lae Sub-District. The patrol was only a very short one of ten days, and a population of less than 2000 was seen by the Patrolling Officer.

Generally speaking, conditions in this area, which is in close proximity to the Patrol Post at Kaiapit can be said to be reasonably good. The natives are living their normal lives, but very little progress is being made towards their economic development. The incidence of recruiting is reasonable, and I do not propose to take any action to recommend the prohibition of recruiting labour in the area.

The Patrol Officer will be instructed to endeavour to encourage the natives to plant more economic crops. I feel that the Upper ONGA Villages would be suitable for the growing of coffee, and in the lower areas annual crops, such as peanuts, could be grown to advantage.

A handwritten signature in cursive script, appearing to read "H.L.R. Kiall".

(H.L.R. Kiall)  
DISTRICT COMMISSIONER.

TERRITORY OF PAPUA AND NEW GUINEA

Patrol Post,  
KAIAPIT,  
District of Morobe.

5th February, 1954.

PATROL REPORT

KAIAPIT No.1 - 53/54

Area Patrolled: ONGA Sub-division, KAIAPIT - LAE,  
Morobe District.

Officer Conducting Patrol: H.G.G.Graham-Duffy, P/O

Personnel Accompanying:

No.2554	L/Cpl AMO
No.6102PA	Const GRIMBASUN
No.6121PA	Const KWAINDELEN
No.6580	Const TIMAIGA

Objects of Patrol: Annual Census Revision.  
Finalisation of War Damage Payments.  
Routine Administration.

Duration of Patrol: 10th January to 19th January 1954  
inclusive. ( 10 days ).

PATROL DIARY

- 10.1.54 Departed Government Station KAIAPIT. To INTOAP. Census of INTOAP.
- 11.1.54 To PUGUAP. Census PUGUAP. Paid War Damage. To YATSENG. Census YATSENG. Paid War Damage.
- 12.1.54 To ITSINGANTS. Census ITSINGANTS. To GURUF. Census GURUF. Paid War Damage.
- 13.1.54 To YANUF. Census YANUF. To NAROWEIN. Census NAROWEIN. Paid War Damage.
- 14.1.54 Heavy rain in night, rivers flooded, unable proceed.
- 15.1.54 To BAMBA. Census BAMBA. To ANTIR.
- 16.1.54 Census ANTIR. To SIATS, census. To NARUBOIN, census. To ONGA.
- 17.1.54 Visited NAU's gold mining camp. Kivung in evening.
- 18.1.54 Census ONGA. To AWAN, census. To SINGAS, census.
- 19.1.54 Departed SINGAS and returned to Government Station KAIAPIT.



### NATIVE AFFAIRS

The ONGA Sub-division has been regularly patrolled since the war, the area is well opened up and no signs of any native unrest were noted. This patrol was therefore concerned primarily with census and routine matters.

Being within ready access of the government station Village Officials and natives frequently visit the Patrol Officer there for the settlement of disputes which occur from time to time. As a result of this very few such matters were brought up during the course of the patrol although the natives were given every encouragement to do so. Those that did come up were for the most part of the "woman" or "pig" variety and were settled amicably on the spot. One case of land poaching was heard but this was straightened out to the satisfaction of the parties concerned.

Of all the married women seen throughout the patrol at least 50% appeared sterile having never at any stage born children. This was discussed with the senior citizens in the various villages and always the reply was that the women had rendered themselves sterile by eating the elusive and mythical herb so well known throughout the Territory. In the past several members of P.H.D. have assured me that literally hundreds of different specimens purporting to be this herb have been sent in by field officers and private individuals and all have proved upon examination and analysis to be completely lacking in the power to ~~induce~~ induce abortion or sterility. The general medical opinion would seem to be that the apparent sterility so widespread throughout the Territory is due almost entirely to a fairly high and constant level of malaria in the bloodstream. This explanation would hardly seem adequate in the case of the ONGA Sub-division. Talks were given in all villages stressing the simpler aspects of infant care, hygiene etc. and the abandoning of any practices which were leading to a lower birth rate. It was felt that such talks could do no harm whatever the cause of the low birth rate might be and would at least draw the attention and interest of the inhabitants to the problem.

### VILLAGE OFFICIALS

Almost without exception Village Officials were keen, interested in the welfare of their people and rendered the patrol every assistance. The Paramount Luluai, GAMAGIM of ONGA Village is unable to get about owing to age and infirmity and his influence throughout the area is no longer great although it is noted that the old man ~~is~~ still commands a deal of respect and deference in his own village. The responsibilities of his position have fallen almost automatically as it were upon the shoulders of BAGIMANA the present Luluai of ONGA Village, who, albeit without official confirmation, is regarded throughout the area as the No.2 Paramount and as such serves as a co-ordinating influence and a useful focal point in the administration of the area.

The Luluai of SINGAS resigned on the plea that he was now too old and sick to perform his work. With general consent of the villagers the T.T. IAKA, who would appear to have long been the dominant figure in the village, was appointed Luluai and the post of Tultul filled by ISIA who seems adequate to the job. These appointments are subject to confirmation which is requested under separate cover.

Although the system of Village Councils has not yet been introduced in this area each village has its own internally established council which, while not recognised or sponsored by the Administration, nevertheless would appear to represent a move in the right direction without materially weakening the position of the Village Officials.

#### ROADS & BRIDGES

Roads varied from good horse standard to mountain goat standard. In spite of recent very heavy rains roads in the flatter fairly low-lying area near the Markham River were in good repair and the bridges over most of the lesser streams would be capable of sustaining a horse and rider. In the mountains proper the roads were quite satisfactory bearing in mind the nature of the terrain.

Larger rivers were crossed by fording and these were in a fairly swollen condition owing to the recent heavy rains.

#### VILLAGES & HOUSING.

Villages were clean, well maintained, and equipped with a sufficient number of good pit-latrines which were being used.

Housing was for the most part of excellent standard with raised floors of split LIMBOM black palm or woven Bamboo and with deeply thatched roofs of ~~kur~~ kunai or sago-palm thatch. Walls were of woven bamboo blind or in a very large number of cases of hand hewn planks. These planks were not pit-sawn but were split, adzed, and sometimes planed smooth. The timber in all cases examined being a soft, bright yellow wood known locally as NIBANG - a large-leaved tree found more frequently than any other in this kunai country where timber is so scarce. It has no name in Pidgin and would be reckoned by European standards unsuitable for building but lasts well for many years in these native houses where deep overhanging thatch shelters it from the weather and constant exposure to smoke from the inside has a preservative action.

#### AGRICULTURE & FOOD

As in the lower lands of the Markham valley the staple food is banana eaten cooked before ripening. In the upper areas a fair amount of KAUKAU sweet potato is cultivated. All the lower-lying villages have good coconut groves and in the upper villages excellent European type oranges are found.

All villages have their own pigs and some have fowls and to a lesser extent ducks. Wild pigs, MOMUT bush rats and cassowary are hunted but are not plentiful. The streams and rivers are alleged to yield a certain amount of fish and an occasional eel or turtle. The villagers of GURUF on rare occasions secure a crocodile. For the most part however, meat of any description is short throughout the area and the diet of the natives would <sup>seem</sup> rather deficient in protein.

#### MEDICAL & HEALTH

Health throughout the area appears good.

There are two Aid Posts, one at GURUF and the other at ONGA Village. At each is a Native Medical Assistant and a Native Hygiene Assistant. Both posts hold a large stock of medicines, the N.M.A.s appear to know their jobs and serious cases are brought in to the Native Hospital KAIAPIT for treatment.

The Native Hygiene Assistant from ONGA accompanied the patrol, performing his normal periodic rounds or inspection and at the same time attending to any minor cuts or sores of the police or carriers.

### MISSIONS

The Lutheran Mission at KAIAPIT under the Rev. A. Koschade includes within its parish the ONGA Sub-division where there is stationed a fully ordained Native Pastor at the village of YATSING.

### EDUCATION

The Lutheran Mission at KAIAPIT also looks after education in the area but as the schools were closed down for the Christmas holidays and not due to recommence until February 1st, the teachers being absent on leave at the coast, it was not possible to assess the standard reached. It is understood that pupils are able to read and write but as all teaching (in accordance with Lutheran Mission policy) is conducted in the YABIM dialect almost all the women, young children, and older men were unable to speak pidgin.

There are seven village schools established in the area with eight native teachers. Attending these schools were a total of 149 pupils of varied ages comprising 92 males and 57 females.

There are also 2 males attending Government Schools outside the area and 2 males attending mission schools.

### WAR DAMAGE

Nine form "F" claims were paid on this patrol for a total of £23-16-6.

As far as claims held at this station are concerned the ONGA Sub-division is now fully paid.

### CENSUS & STATISTICS

In the twelve months since the last patrol 67 births were recorded as against 59 deaths. Thus births exceeded deaths by 8, a decided improvement over last year's figures in which deaths exceeded births by 16. However the population situation is by no means bright. The total number of children (including absentees which are shown in the lower line of figures under "Absent at Work") is 490. In other words these are all the surviving births over the last 14 years. Although the total population figures have remained fairly static over the last few years an unduly large proportion of the population are now middle-aged or elderly and as these die off in the future the rising generation would seem insufficient to replace them. It was found that the senior men in all the villages were themselves very concerned about this future problem but laid all the blame on the women as has been explained in the section "Native Affairs".

Owing to the existence at this Office of Correspondence dealing with the subject of over recruitment of the ONGA Sub-division special attention and close inquiry were devoted to this aspect of the census. It would appear that nearly all the people noted as absent at work last year's census have now returned to their villages and although a certain number of others have left for employment the situation no longer gives cause for the area to be closed to recruiting. Of the 132 men absent at work 25 were accompanied by their families and of the remaining 107 by far the greater number were unmarried.

It will be noted that in the accompanying Village Population Register figures under "Absent at Work" are shown in two lines for each village. The upper line represents adults (the women accompanying husbands at work) and the lower line children who are residing with their parents at the place of employment. These children are excluded from the totals at the right hand side of the Register as they are absentees; they do not come under the classification of students and must therefore be shown as "At Work" or the register will not balance. If however the children are not separated from the adults

the figures for "At Work" will be distorted and it will seem as if more adults are absent from the village than is really the case.

#### INDUSTRIES, TRADING, RESOURCES ETC.

There is at the village of INTOAP a small trade store still in good repair but long since closed down and locked up. This store belongs to Mr. E.C. Shields who is now manager of TALILIS Plantation in the Kokopo Sub-district of New Britain. Mr. D.R. McBeath of KAINANTU who already operates a trade store near the government station at KAIAPIT has shown interest in the INTOAP store and may contact Mr. Shields with a view to its purchase and reopening, under the charge of a native storeman. Mr. McBeath also hopes to operate a truck in the KAIAPIT area and has already applied for a Peddler's Licence. This in conjunction with the INTOAP trade store should the latter eventuate would provide the people of the ONGA Sub-division with a market and incentive for the raising of a cash crop such as peanuts or the cutting of copra from their own groves.

NAU, a native of TAMI Island in the Finschhafen Sub-District has, together with three other coastal natives, been mining for gold near ONGA Village for over a year. NAU seems to know what he is doing and at the time of the patrol there were in operation several sluice-boxes very well constructed of good cedar which grows in small quantities in this area. Unfortunately the gold is present in just sufficient concentration to keep the miner interested and the total return for over a year has just been assayed - value £11-. NAU therefore intends quitting the area in the very near future.

#### ANTHROPOLOGY

With the exception of about a dozen men and women at NAROWEIN the population of the ONGA Sub-division is a branch of the ATZERA speaking people who number in all close on twenty thousand and are spread along the Markham valley from the LERON to the GUSAP.

This dozen or so foreigners were absorbed into NAROWEIN about two years ago when their village of ESERU in the WATUP area bordering the KUKUKUKU country was abandoned owing to a long run of sickness and misfortune which had drastically reduced the population. Some of the ESERUs went to SIAGA and some to TUMBUNA, both villages speaking their language; the others went to NAROWEIN with which there had been a certain amount of inter-marriage in the past although speaking a different language. These few who have been absorbed into NAROWEIN, although adopting the ATZERA language in their dealings with the other villagers, still retain much of their own culture. Some of the men and women still wear their hair twisted into innumerable small braids with pig fat and the men remain proficient with the bow and arrow which the ATZERA people do not use at all.

A SINGSING BUNARA (Dance of the Bow) was witnessed in which the women tramped slowly around the ~~men~~ outside clad in voluminous grass skirts devoid of colour or decoration and reaching almost to the ground. The men were more colourfully attired in breach-cloths of MALO bark cloth, front 1 skirts of shredded MALO fibre and a large BILUM or net bag suspended from the head and covering the buttocks. Fringes of pure white MALO fibre were fastened around the foreheads and upper-arms of the men who tramped, swung and wildly sprang around and through the central fire with much drawing of bows, rattling of arrows and loud twanging of bowstrings. The whole performance was stirring in the extreme and one which in the past must have been well calculated to arouse the fighting spirit of the men in times of war.

*H.G.G. Graham-Duffy*

H.G.G. Graham-Duffy, P/O

APPENDIX "A"

PATROL REPORT - KAIAPIT No. 1-53/54

REPORT ON ACCOMPANYING MEMBERS OF THE R.P.& N.G.C.

No. 2554, L/Cpl AMO

The senior member of the patrol detachment. An oldish man of large experience who, although in no way remarkable for his intelligence makes up for it in conscientiousness. He takes his work very seriously and performs it in a satisfactory manner. For all his pose of a martinet he is fundamentally a kindly fellow with a well developed sense of humour who keeps the whole line in good spirits.

No. 6102PA, Const GRIMBAGUN

An excellent and very experienced patrol constable who carries out his duties with vigour. Although from the Sepik District he has a good working knowledge of the ATZERA language which can be very useful at times. A man with plenty of personality who makes his presence felt.

No. 6121PA, Const KWAINDELEN

This member is one of those quiet people who tend to pass unnoticed. Although not of a vigorous personality he possesses a very useful stability which coupled with a keen intelligence and a surprising amount of initiative when required would render him very suitable for work in uncontrolled territory or on a job where tactful handling and reliability are necessary.

No. 6680, Const TIMAICA

Although a young man this member does not seem lacking in experience. Conscientious and a very willing worker, he takes his work very seriously. Always courteous in his dealings with both European and native.

*H.G.G. Graham-Duffy*  
H.G.G. Graham-Duffy, P/C



TERRITORY OF PAPUA AND NEW GUINEA

# PATROL REPORT

District of KAIAPIT, MOROBE Report No. 2 of 53/54

Patrol Conducted by H.G.G. GRAHAM-DUFF, P.O.

Area Patrolled ATZERA SUBDIVISION, KAIAPIT-LAE

Patrol Accompanied by Europeans.....

Natives.....

Duration—From 24/2/54 to 8/3/54

Number of Days 13

Did Medical Assistant accompany?.....

Last visit to Area by—District Services. .... / ..... / 19.....

Medical ..... / ..... / 18.....

Map Reference.....

Objects of Patrol CENSUS, WAR DAMAGE & ROUTINE.

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 ..... £.....

ula

MIGR  
In  
M F

DS90-2-109

20th April, 1954

The District Commissioner,  
Morobe District,  
LAE.

Patrol Report "AIABA" No. 2/52-54.

The Report of Patrol Officer H.G.C. Graham-Juffly of his patrol of the AIABA sub-division is acknowledged, with thanks.

A comparison of the census figures taken on this Patrol and those compiled by Mr. Blake early in 1952 indicate a fair increase in the population. The 1952 total population was 3,822 without AIABA village (now I29) and in 1954 the total was found to be 4125.

Although the villages of this sub-division cannot be said to have been regularly patrolled in recent years, the native people being so close to the Government station have no doubt had much contact with the Officer-in-Charge both at the station and when passing through the area on patrol to other sub-divisions.

A considerable all-round improvement in village living conditions has apparently taken place since the previous patrol and the general health of Atrora natives seems to be first class at the present time.

Planting up coconut palms means building up a good food and economic asset for the future and should be encouraged in all areas where the palm will thrive. I am glad to see that an Agricultural Officer has been able to visit the area recently to assess its economic possibilities and to advise the people regarding the growing of other nutritious and marketable crops.

*Note  
P. J. Jones  
15/7/54*

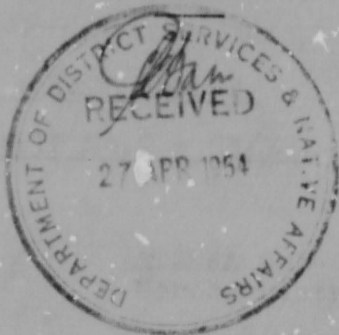
*P.A. Roberts*  
Director, DRCM.

35/9/54



TERRITORY OF PAPUA AND NEW GUINEA

HLRN. RD.



In Reply Please Quote

No. 30. 3. 16

District of Morobe,  
Headquarters,  
L.A.E.

22nd April, 1954.

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

PATROL REPORT - KAIAPIT NO. 2 - 1953/54.

Forwarded herewith are copies of Patrol Report submitted by Patrol Officer H.G.G. Graham-Duffy, covering routine patrol of the Atzera Sub-Division in the Markham Valley. All the villages visited are within a few hours' walk of the Patrol Post at Kaiapit, and the natives have been well under control for many years.

Although there are a large number of natives absent at work, it is felt that the majority of them are employed on a casual basis at Lae or the goldfields and have no difficulty in visiting their homes. This is borne out in a way by the large number of births over deaths.

The Patrol Officer at Kaiapit is being instructed to encourage the planting of coconuts as a means whereby the natives can obtain some revenue from their own lands. It is hoped that within a few years there will be a good motor road from Kaiapit to Lae, and the natives will not then have any difficulty in disposing of any copra produced. The growing of dry rice in the Markham Valley has not yet been proved an economic success, and before encouraging the natives to plant rice in a big way, I consider that we should wait until the results of the present plantings by Europeans are known. Any rice produced during the next two years will probably be difficult to dispose of owing to lack of transport facilities, and rather than see them lose interest, I would prefer to see the natives greatly expand their coconut groves.

The District Agricultural Officer is preparing plans for a Rural Progress Society in the Sangan area, mainly with the object of producing peanuts for sale. He had been promised every assistance, but the Markhams are wellknown to be somewhat indolent, and I would prefer to see extensive coconut planting take place.

(H.L.P. Niall)  
DISTRICT COMMISSIONER.



TERRITORY OF PAPUA AND NEW GUINEA

Patrol Post,  
KAIAPIT,  
District of Morobe.

8th April, 1954.

PATROL REPORT

KAIAPIT No.2 - 53/54.

Area Patrolled: ATZERA Sub-division, KAIAPIT - LAE,  
Morobe District.

Officer conducting Patrol: H.G.G.Graham-Duffy, P/O

Personnel Accompanying: No.2554 L/Cpl. AMO  
No.3558 Const. OITSIRA

Objects of Patrol: Revision of Census.  
Payment of War Damage and re-investigation  
of claims for GANTISAP and OFOFRAGEN  
recorded in pen and ink only in 1947.  
Routine Administration.

Duration of Patrol: 24th February to 8th March 1954  
inclusive ( 13 days ).

PATROL DIARY

24.2.54 Departed Govt. Station KAIAPIT. To MAMARINGAN, census.  
To BOGABUANG, census. To SUMANGORUM, slept.

25.2.54 Census SUMANGORUM. Census TA-AP. To WAFIBAMPUN, census.  
To SANGAN, camped.

26.2.54 Census SANGAN. Census NINSIP.

27.2.54 Census NASAWASIANG. Census BINIMAMP. Census MANIANG.

28.2.54 Sunday, routine administration.

1.3.54 To MARANGIT3, census. To SUAI, census. To MUPSING, census.  
To ORORI, slept.

2.3.54 Census ORORI. To WOMPUA, census. To DABU, census.  
To ARIFIRAN, slept.

3.3.54 Census ARIFIRAN. Census ZUMIM. Slept ARIFIRAN.

4.3.54 To ANGA, census. To ANPIRAGEN, census, slept.

5.3.54 To GANTISAP. Census OFOFRAGEN. Census GANTISAP, slept.

6.3.54 At GANTISAP investigating War Damage Claims, slept.

7.3.54 To KAIAPIT, census. Visited Mission. To Govt. Station, slept.

8.3.54 To RAGIDUMPIAT, census. To BAMPAPAN, hamlet of RAGIDUMPIAT,  
inspected. Returned to Govt. Station.

### INTRODUCTION

The ATZERA sub-division, which is the area surrounding the Government Station at KAIAPIT, was last patrolled by District Services in February 1953. However the small village of ANGA, which is the only one in the area on the west side of the Markham River, has because of its location been rather overlooked in the past and up till this present patrol had not been visited for over four years.

Because of this lapse of time particular care was taken when revising the ANGA census figures relating to births, deaths and migrations as the memories of the natives are most unreliable regarding the number of children born and died since the last patrol and at what ages death took place.

### NATIVE AFFAIRS

All villages are within half a day's walk of the Government Station and not only has the ATZERA area been regularly patrolled since the war but all patrols to surrounding areas pass through this sub-division. These natives are therefore in constant contact with the Europeans at KAIAPIT both governmental and missionary. As a result of this close contact no native unrest is felt in the area and patrols are concerned almost entirely with routine matters. It must not be inferred from this however, that the ATZERA is without troubles; the converse is true and a great deal of time was spent on this last patrol straightening out minor complaints, most of which could have been settled quite satisfactorily by the parties concerned with the application of a little common sense. The number of misdemeanours, legal, social, and sexual, which are brought before the patrol officer at KAIAPIT and frequently end in litigation are probably as high per capita as in any other area in the Territory. Where troubles have already been settled between the parties concerned to their mutual satisfaction the village officials will often insist that the whole thing be dragged up before the patrol officer in the hope that a court case will result.

The ATZERA natives, or at least the males, are well travelled and it is customary for young men before marriage to work for some years in an outside area. There was also a deal of contact between these people and allied troops during the war and as a result of all this these people have acquired a large degree of what is euphemistically known as sophistication.

The fact that the young men are so keen to get away from their own area and work elsewhere, that these natives involve themselves in more than their fair share of crimes and troubles, that they are anxious that these troubles should be magnified, taken to court and augmented as much as possible, that for the size of their population they waste a disproportionately large amount of the time of the governmental and mission Europeans in the area on the most trifling excuses, that they are forever visiting about inside and outside their own area, and that on the whole they strike one as being rather a discontented people, is probably all due to the one underlying cause of boredom. The men of the ATZERA sub-division have not enough to do to occupy their time.

It may be truthfully be said that the average male native in New Guinea leads an indolent life, but whereas in most areas the men hunt, build canoes, and fish, the ATZERAs have no canoes, do little or no fishing in their rivers, and hunt by the wasteful, deforestating, soil destroying method of burning vast areas of kunai grasslands which requires little or no effort. The staple diet of the Atzeras is cooking bananas which probably give a higher yield per acre than any other food crop and require less attention when growing. Whereas men in other areas labour long to clear large areas of forest for the planting of food gardens the relatively small areas required for cultivation in this section of the Markham Valley are cleared by the simple expedient of setting fire to the kunai grass.

Probably since the days of inter-tribal fighting have the Atzeras had to give them a real interest in life and keep them on their toes. From talks which I have had with the Lutheran Missionary at KAIAPIT it would seem that the attitude of the people of the area towards mission activities could be summed up as one of indifference except in so far as such activities provide a pleasant diversion and do not require the expenditure of much effort. The same remarks just about sum up their attitude towards the Govt. although young men are particularly keen to enlist in the Native Constabulary.

The solution to the problem is to interest the natives in the planting of cash crops which would provide them not only with something to occupy their time and give them an interest but would also furnish an income that would eventually raise their standard of living. Thanks very largely to the past efforts of Mr. D. R. McBeath who owns a trade store at KAIAPIT and has done much to foster peanut growing in the area, the Atzera natives, especially in the SANGAN group of villages, are becoming increasingly interested in the planting of peanuts as a cash crop. Their efforts in this direction have proved successful so far and the nuts have been marketed through Mr. McBeath's store.

Rice growing has also been tried but this scheme is as yet very much in its infancy and of the crops already obtained a small amount has been eaten by the natives themselves and the rest used as seed for future planting. Since the completion of the patrol an Agricultural Officer, Mr. J. Lamrock, has visited the area in order to interest the natives in a Rural Progress Society for the cultivation of rice on a commercial scale and the purchase of a community-owned power driven rice huller. From the response which met his efforts it would seem that the future prospects of the Atzeras are becoming increasingly bright.

#### VILLAGE OFFICIALS

There is one Paramount Lulmai in the Atzera sub-division, MAMUAN of ORORI Village, who is competent, interested in his people's welfare, and has plenty of influence.

The remainder of the bat men in this area includes a couple of fairly go-ahead intelligent characters but for the most part they are a very mediocre lot.

#### ROADS AND BRIDGES

The main road from Lao to Mt. HAVEN is well maintained where it passes through the length of the Atzera sub-division and is suitable for vehicular transport. All the roads traversed on the patrol are of good horse standard and being flat provide easy travelling throughout most of the year. During the wet season however, much road is under water and travelling on foot becomes very unpleasant. Also if vehicles were to attempt the road at this period not only would they risk constant bogging but the road itself would very rapidly deteriorate into an impassable condition.

#### VILLAGES AND HOUSING

The last patrol report of this area commented very adversely on the standard of housing but it would seem that the inhabitants have hastened themselves in the meantime to improve this aspect of their living for the housing is now for the most part very good indeed.

Most of the houses are now built off the ground and those that still have earth floors are generally for the cooking of food, storing of firewood, and the housing of elderly people when it is claimed find difficulty in climbing to the higher houses.

Roofs are invariably of deep kunai thatch and the walls are frequently of adzed planks and to an increasingly popular degree pit-sawn planks. There are now several natives or groups in the area who own pit saws.

Rendered pleasant by ample fruit and shade trees, the villages were clean and hygiene was good with almost every family having its own pit latrine.

#### AGRICULTURE AND FOOD

As has been stated under the heading "Native Affairs" the staple diet of the Atzera people is the cooking banana which returns a prolific yield from a comparatively small area of ground. As supplementary fare these people have long planted sweet potatoe, yam, taro, and a variety of greens. Coconuts are planted in large groves by all villages and are extensively used in cooking. The coconut palms of this area yield a particularly ~~xxx~~ large nut.

The natives are showing an increased interest in the planting of European type vegetables and seeds provided by the Department of Agriculture are freely given to those who request them. Chief among the growers of European vegetables is TATENG, luluai of GANTISAP Village who, although his village is situated on the floor of the Markham Valley, plants these crops on the hillslopes behind at a height of about 3,000 feet above sea level and has succeeded in raising cabbages and potatoes although not as yet in any great number.

The SANGAN group of villages is also well to the fore agriculturally and as they possess some of the most fertile land in the valley the natives of this group have planted quite large areas under peanuts which are being raised partly for home consumption but mainly as a cash crop marketted through the trade store of D.R.McBeath.

Pigs and fowls are plentiful and some villages also have goats which were originally obtained from the Lutheran Mission. Ducks too are kept in some of the villages but like the goats do not exist in sufficient numbers to constitute a noticeable addition to the native's diet. Most of the pigs seen showed the influence of European type strains which had been introduced into the area in the past and in the village of ANGA a progressively minded native, SUBIANG, an ex-Sgt.Mjr. of the R.P. & N.G.C., has bought from the Erap Agricultural Station a fine Berkshire-Tamworth cross boar. This seems a particularly good animal and although it has by no means reached maturity its good influence is very much evident in the piglets at present running about the village.

River fishing is so slight that it can be disregarded as a source of food supply and the area is particularly poor in all forms of game. This is undoubtedly largely due to the wasteful method of hunting by which vast areas of kunai grasslands are burnt off thereby killing off most of the young animal life.

#### MEDICAL AND HEALTH

There are two Aid Posts each with a Native Medical Assistant and Native Hygiene Assistant in this area as well as the main Native Hospital at KAIAPIT in the charge of Mr.R.A.Keys, European Medical Assistant.

As is to be expected therefore, health in the area is excellent.

The N.M.A. from the SANGAN Aid Post and, for part of the way, the N.M.A. from the ARIFIRAN Aid Post accompanied the patrol thereby combining their normal rounds of inspection with attending to any minor cuts or sores of the police and carriers.

### MISSIONS

The only mission operating in the area is the Lutheran Mission at KAIAPIT under the Rev. A. Koschade. As well as having native teachers in practically all villages the mission also has two fully ordained native pastors in the ATZERA area.

### EDUCATION

Education in the ATZERA sub-division is also in the hands of the Lutheran Mission at KAIAPIT. Practically every village has its own school and where this is not the case the pupils attend school at the nearest large village.

There are 179 boys and 135 girls making a total of 314 pupils attending these village schools under the instruction of 16 native teachers. As with most village schools throughout the Territory the standard of education reached by these pupils is not very high although it is claimed that the pupils become literate in YABIM which is the language used as a teaching medium in this area by the Lutheran Mission.

There is also a primary school at the Lutheran Mission station at Kaiapit with two native teachers and an attendance of 50 boys. This school affords a somewhat higher standard of learning and a certain amount of English is taught.

The natives in the Atzera speaking area have recently shown a strong revival of interest in the establishment of a Govt. School under a European teacher providing instruction in the English language. This matter has already been taken up with the District Office Lae.

### WAR DAMAGE

14 form "F" claims for a total of £57/-/6 were paid in the villages during the course of the patrol. There still remain a few approved claims waiting to be paid when the owners can be contacted.

A further 62 claims from the villages of CFOFRAGEN and GANTISAP were re-investigated from pen & ink originals, mostly unsigned by the investigating officer, which had been recorded in 1947. These are still in the process of being typed and upon completion will be forwarded to the District Commissioner Lae for his approval.

### CENSUS AND STATISTICS

It is just over two years since this area was last patrolled and in that time 395 births were recorded as against 233 deaths. Thus births exceeded deaths by 162. These figures emphasise the good health that prevails in the area and it is pleasing to note that unlike the ONGA sub-division there is very little evidence of sterility among the women of the ATZERA.

In the accompanying Population Register the figures relating to those who were absent from their villages have been shown in two lines, the upper representing adults and the lower children. It will be seen therefore that of the ~~XXI~~ 367 men absent at work 67 have their wives and families with them. Of the remaining 300 the majority are employed within the area as casual labour and frequently visit or are visited by their families. Most of those who are employed outside the district are in the R.P. & N.G.C.

It is felt that these rather high figures for "Absent at Work" do not give any cause for alarm but on the other hand it is plain that the area is about recruited up to its limit. This will be born out by any of the recruiters who have tried the Atzera recently as all have met with little success.

INDUSTRIES, TRADING AND RESOURCES

There are two European owned trade stores in the area; both are situated by the KAIAPIT air strip. One is owned by the Lutheran Mission and the other by Mr.D.R.McBeath who resides most of the time at KAINANTU where he is planting coffee. Both these stores are in the charge of native storemen.

There are also a couple of small native owned trade stores in the SANGAN group.

No industry or mining activities are being carried out in the Atzera sub-division.

The natives are showing an increased interest in the growing of cash crops and this matter has already been dealt with under the heading "Native Affairs".

*H.G.G. Graham-Duffy*  
H.G.G.Graham-Duffy, P/O

APPENDIX "A"

PATROL REPORT - KAIAPIT No.2 - 53/54


REPORT ON ACCOMPANYING MEMBERS OF THE R.P.& N.G.C.

No.2554, L/Cpl. AMO

The senior member of the patrol detachment. An oldish man of large experience who, although in no way remarkable for his intelligence makes up for it in conscientiousness. He takes work very seriously and performs it in a satisfactory manner. For all his pose of a martinet he is fundamentally a kindly fellow with a well developed sense of humour which keeps the whole line in good spirits.

No.3558, Const. OTSIRA

This member is a local native but seems quite reliable in his interpreting and general work, except perhaps where his own relations are concerned. He knows practically everybody in the area and knows all their business; this can be most useful at times. A willing worker who can be sent out on his own and relied on to carry out the job. Much better than one would expect a Markham to be in his own area.

  
H.G.G. Graham-Duffy, P/O





D.D.S. & N.A.



TERRITORY OF PAPUA AND NEW GUINEA

30/3/57

# PATROL REPORT

District of MOROBE. Report No. KAIAPIT. NO. 1-1954/55.  
 Patrol Conducted by D. G. CALDER, PATROL OFFICER.  
 Area Patrolled YAROS, AMARI and MARKHAM HEADWATERS SUB-DIVISIONS.  
 Patrol Accompanied by Europeans NIL.  
 Natives Six.  
 Duration - From 16 / 6 / 1954 to 3 / 9 / 1954  
 Number of Days 19.

Did Medical Assistant Accompany? No.  
 Last Patrol to Area by - District Services May, 1953. To Yaros.  
March / 19 52 To Markham Headwaters.  
 D.D.S. April, 1954. To AMARI.  
 Medical May 1953. To Yaros & Amari.  
 Map Reference 2033 MARKHAM 4 Oct. 1953. To Western Half of Markham  
Mile Army Stat. Series. Headwaters only.  
 Objects of Patrol (1) Census Revision.  
(2) General Administration.

DIRECTOR OF DISTRICT SERVICES  
 AND NATIVE AFFAIRS,  
 PORT MORESBY.

Forwarded, please.

*[Signature]*  
 District Commissioner

17/9/54

Amount Paid for War Damage Compensation ... £.....  
 Amount Paid from D.N.E. Trust Fund ... .. £.....  
 Amount Paid from P.E.D.P. Trust Fund ... .. £.....

1954/1955.  
Year.....

# Village Popu

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												Males In			
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13				Females in Child Birth	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<u>YAROS. XXXX CENSUS SUB-DIVISION.</u>																			
NAWANTMARAN	16/8/54	2	1															1	1
AMALI	"	2	5			1	1												
SAMARAN	"	4	5			3	2		2										
YAMPUA	"	2	2		2													1	
DANTAP	17/8/54	3	3		1	1		1							2	1			
MITRING	"	5	1												2	1		1	
TARI	"		4						1						4	1			
MARAFU	18/8/54	5	5	1	1		2			1					1	1		1	2
SUMERA	"	6	4															1	
SIGITISRUMPUN	19/8/54	2	1	1			1									1			
MAIAMSARIANG	"	2	5												1	1			
TOFMORA	"	5	11	1		2			1							1		4	8
GUTSUAP	"	3	5												2	4		4	5
GAINARUN	20/8/54	7	2				1								1				5
NARUTSAMIANG	"	3	4												4	1			3
<u>TOTALS.</u>		51	58	3	4	9	7	1	3	1	1				19	12		18	30
<u>MARKHAM HEADWATERS CENSUS SUB-DIVISION.</u>																			
LANKUAM	22/8/54	5	3		1			1	1										
NUMBUGU	23/8/54	5	1					2		1					1			1	
SUMERA	25/8/54	5	4	1					1	1					3	3		1	3
KAPARA	26/8/54									1					1	2		3	3
MARABOI	27/8/54	3	4		2						1				7	4			3
YANKOWAN	28/8/54	8	5					2	1	1					1	1		1	1
HINGGIA	30/8/54	1	5					2							3	1			2
GUSAP	"	1	5						1						3			1	1
RUMPA	31/8/54	2	3												1	2			2
<u>TOTALS.</u>		30	28	1	3			7	4	4	1				20	15		7	11

30-9-204

22nd Sept, 19

The District Commissioner,  
Morobe District,  
EAE.

Patrol Report - KAIAPIT - No. I/54-55.

Acknowledgement is made of the above-mentioned Report submitted by Patrol Officer D.G. Calder regarding his Patrol of the YAKOS, ANARI and MARKHAM Headquarters sub-divisions.

Mr. Calder appears to be conducting his work with keenness and enterprise at his new Post and has reported admirably on his observations and activities on this routine Patrol.

The situation in these areas would seem not unsatisfactory at the present time and the intended visit to the Kainantu-Osapa road in two and a half months' time should give a further fillip to the work being carried out on that road and other matters requiring attention.

P/A  
G.M.  
579

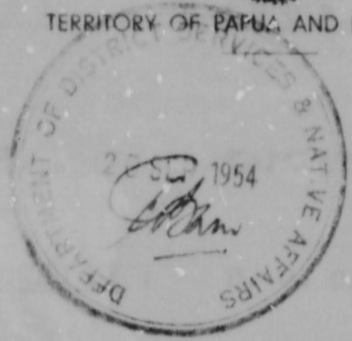
A.A.R. Berts  
(A.A.R. Berts),  
Director.

30/9/204



TERRITORY OF PAPUA AND NEW GUINEA

HLRN.RD.



In Reply  
Please Quote  
No. DS. 30.3.37

District of Morobe,  
Headquarters,  
L.A.E.

18th September, 1954.

The Director,  
Department of District Services and  
Native Affairs,  
PORT MORESEY.

PATROL REPORT - KAIAPIT - NO.1 OF 1954/55.

Forwarded herewith are copies of the above-mentioned Patrol Report submitted by Patrol Officer Calder.

The patrol covers a routine administrative patrol of two of the Sub-Divisions in the Markham River head waters. The Yaros Sub-Division has been well controlled for many years, but the nine villages shown as being in the Markham head waters Sub-Division are actually natives who, apparently, originally lived in the mountainous area behind the Rai Coast in the Madang District. You may recall that about five years' ago several patrols were undertaken in this area and some natives apprehended for murder. Since then the natives have migrated to the area at the very head waters of the Markham River, and now appear to have settled down in normal communities.

This is Mr. Calder's first patrol since he was posted to this District about two months' ago, and I am pleased with the progress he has made to date.

The District Commissioner of the Eastern Highlands is making available some of the funds allocated to him each quarter for road maintenance, to be paid to those natives in Yaros area who maintain that section of the road between Gusap and the Morobe-Highlands boundary.

The native, MARAN of WANKUM Village, has not been appointed a Paramount Luluai of the Yaros area. Apparently, on the death of his father, Maran took over the Paramount's cap and acted in many ways as if he had been appointed. The cap has now been taken away and the natives informed that Maran will not be appointed as it is not proposed to make further recommendations for the appointment of Paramount Luluais. No legal action is being taken against Maran.

The incidence of adult males absent at work is higher than in most other areas of the District, but it is not thought that any harm is being done, especially as the birth rate is so good and the population is increasing. No action is proposed to recommend the area be closed to recruiting.

(H.L.R. Niall)  
DISTRICT COMMISSIONER.

TERRITORY OF PAPUA AND NEW GUINEA.

D.D.S. 2 N.A.

PATROL REPORT.

REPORT NUMBER.

KAIAPIT NO. 1-1954/1955.

PATROL CONDUCTED BY :

D. G. CALDER, PATROL OFFICER.

PERSONNEL ACCOMPANYING :

5 Members of R.P. & N.G.C. as per Appendix "A".

1. Personal Servant.

AREA PATROLLED

: MARKHAM HEADWATERS, YAROS AND AMARI CENSUS SUB-DIVISIONS.

MAP REFERENCE

: 2033 Markham 4 Mile Army Stat. Series.

DURATION OF PATROL.

: From 16th. August, 1954 to 3rd. September, 1954.

19 Days.

OBJECTS OF PATROL

: (1) Census Revision.

(2) General Administration.

*D. G. Calder*

D. G. Calder,  
Patrol Officer.

INTRODUCTION.

This patrol was conducted to revise the census in the Markham Headwaters & Yaros Sub-divisions, and to arrange for Amari villages to maintain their sections of the KAINANTU/Gusap Road.

The Yaros and Markham Headwaters areas were last patrolled in March 1952 by Mr. P/O NBlaikie and the Yaros area was patrolled in May, 1953 by Mr. P/O Proctor. The AMARI area was last patrolled in April 1954 by Mr. P/O Graham-Daffy, but no patrol report was submitted.

DIARY.August, 16th.

Departed station 8.15 am. Crossed MANGIAN River at 10/15 am. and arrived NAWANTMARAN village. Census taken and village inspected. Departed 11.50am. and arrived AMARI village at 12. am. Rain. Census taken and village inspected. Departed 12.50 pm. Arrived SAMARAN village at 1.50pm. Census taken and village inspected. Departed 3 pm. in pouring rain. Arrived YAMPUA village at 3.35pm. Rain ceased. Census taken and village inspected.

August, 17th.

Departed YAMPUA at 8.15 am. Crossed MAMI River and climbed to DANTAP village, arriving 8.40 am. Census taken and village inspected. A complaint heard. Inspected First Aid Post. Departed 10.30 am. and returned to YAMPUA, arriving 10.50am. Departed 11.am. Crossed MAMI River and arrived MANGIANG River at 12.25 pm. Followed upstream and arrived MITSING village at 1.pm. Census taken and village inspected. Departed 2.30 pm. and climbed to TARI village, arriving 2.45 pm. Census taken and village inspected. Minor matters. Departed 4.15 pm. and returned to MITSING. Rain ~~xxx~~ during night.

August, 18th.

Departed MITSING at 7.30 am. Followed MANBIANG River upstream till 8.20 am. River in flood with recent rains. Climbed to MARAFU village, arriving 9 am. Census taken and village inspected. Minor matters. Departed 10.40 am. and descended to YAFATS River. Followed downstream and arrived SUMERA village at 11.30 am. Census taken and village inspected. Discussions with Village Officials.

August, 19th.

Departed SUMERA at 7.30 am. and climbed steeply to new village of SIGITSRUMPUM, arriving 8.15 am. Census taken and village inspected. Departed 9.30am. and descended to YAFATS River. Followed downstream. Crossed kunai flat of Markham valley, and arrived 11.am. at MAIAMSARIANG. Census taken and village inspected. Walked to nearby TOFMORA (5 minutes). Census taken and village inspected. Continued on to GUTSUAP (5 minutes). Census taken and village inspected. Several matrimonial disputes heard and settled. Returned MAIAMSARIANG.

August, 20th.

Proceeded to GAINARUN (15 minutes). Census revised and village inspected. Continued on to NARUTSAMIANG (45 minutes). Census taken and village inspected. Returned to MAIAMSARIANG. Discussions with Village Officials.

August, 21st.

Departed at 7.40am. Passed through TOFMORA and GUTSUAP. Arrived 8.45 am. at INTAPURON, a small hamlet of GUTUSAP. Continued on at 9.10am. Arrived at junction of UFIM & UMI Rivers at 10 am. Followed UFIM River upstream. Carriers showing signs of distress, so camped at 12. 30 pm. Heavy rain during afternoon.

August, 22nd.

Broke camp at 7.40 am. Ascended a small mountain and

August, 22nd, Cont'd.

descended to SILAM River at 9 am. Climbed to LANKUAM village, arriving at 10 am. Census taken and village inspected. Discussions with Village Officials.

August, 23rd.

Main body of carriers with 2 R.P. & N.G.C sent direct to SUMERA village. Self and 3 R.P. & N.G.C departed at 7.35 am. Descended to YAFAT, MARANG River. Crossed. Climbed and descended to YAMUAP River at 9.30 am. Forde#d. Climbed again and descended to UFIM River at 11.am. Forde#. Followed upstream. Climbed again and descended to BUFO River, arriving at 12 am. Crossed and ascended to NUMBUGU Village, arriving at 1.20 pm. Census taken and village inspected. Discussions with Village Officials.

August 24th.

Departed 7.50am. Descended to BUFO River, Crossed and then ascended. Climbed for two hours and then descended. Passed Lake KWAWAQA at 1.20 pm. Descended to SUMERA village, arriving at 3 pm. Heavy rain.

August, 25th.

Census taken and village inspected. Discussions with Village Officials.

August, 26th.

Departed 7.45 am. Descended to BIAPAN River. Crossed and ascended. Road ended at 10 am. and broke bush. Found another track at 10.30 am. Descended to UMI River at 12.45 pm. Lunch. Continued on at 1.20 pm. Crossed UMI River and ascended to new village of KAPARA, arriving at 2 pm. Census taken and village inspected.

August, 27th.

Departed KAPARA at 7.25 am. Descended to and crossed NANA River at 9.am. Climbed to MARABOI village, arriving 10 am. Census taken and village inspected. Discussions with Village Officials.

August, 28th.

One policeman sent to KAINANTU. Departed MARABOI at 7.50 am. Good road. Arrived YANKOWAN village at 10.15 am. Census taken and village inspected. Minor matters.

August, 29th.

Sunday - Observed.

August, 30th.

Departed 8.10 am. and proceeded to GUSAP village, arriving at 9.20 am. Census taken and village inspected. Departed 10.30 am. and proceeded to HINGIA. Census taken and village inspected. Returned to YANKOWAN. One policeman ex KAINANTU arrived in p.m.

August, 31st.

Policeman despatched to KAINANTU. Departed YANKOWAN at 8.10am. Excellent graded road. Crossed BEBOI River at 8.50a m/ Arrived RUMPA at 9.50 am. Census taken and village inspected. Inspected new clinic. Minor complaints heard and settled.

September, 1st.

Departed RUMPA at 7.40am. Arrived BEBOI Creek at 8.50am. Met by horse from station at 9.50am. Arrived RAGITSARIA at 10.30.am. Welcomed by a sing-sing by people. Met Mr. Keith Collins-Rubie of Bulolo Gold Dredging Coy, who is recruiting in area. Mr. a/ADJ Brown of KAINANTU

September, 1st, Cont'd.

~~XXXX~~

arrived per Land Rover at 11.15 am. Inspected KAINANTU/GUSAP road in afternoon and allotted areas for various AMARI villages to clean and maintain.

September, 2nd.

Inspected village and medical inspection held. War Damage Claims adjusted. Complaints heard. Constable MAIPONG supervised repairs to GUSAP road by MARAWASSA villagers. Mr. D. McBeath, a trader of KAINANTU arrived in p.m. Three C. N.A. s held.

September, 3rd.

Departed RAGITSARIA at 9 am. by horse. Arrived Markham River at 12. am. Forde. Arrived station at 3 pm.

END OF DIARY.

NATIVE AFFAIRS.

The general state of affairs in the areas visited is good, and the people appear to be law-abiding, as evidenced by the few complaints made to the patrol requiring magisterial action.

The YAROS area is supervised by Paramount Luluai, AMPOM of DANTAP, who appears to be a keen and able man. He accompanied the patrol throughout his area and was of great assistance. This area is divided into two classes of villages (1) Those residing in the foothills and (2) those residing on the Markham valley floor. The groups residing in the hills appear more energetic and industrious than their relatives on the flat, and this was evidenced by the clean and tidy villages of the hill folk, compared to the under-standard villages of the flat.

A case of alleged murder at DANTAP was reported by the Paramount Luluai, and this is being investigated.

Minor matrimonial disputes were reported and settled arbitrarily.

No matters requiring magisterial attention were reported to the patrol in the Markham Headwaters sub-division. This area is also divided into two distinct groups. The people of the villages of LANKUAM, NUMBUGU, SUMERA and KAPARA speak an entirely different language to the other Headwaters villages west of the UMI River. The first group have not regularly been visited by patrols due to their isolation and they are still fairly unsophisticated. Only one or two Pidgin speakers can be found in each village. The population of these four villages is only 219, and they are migrants from the MADANG and WANTOAT areas. The people however are eager to co-operate and regular patrols to this area will uplift them to the level of the western Headwaters villages. One case of Child Marriage was noticed during the census. A girl of ten years was married to a man of thirty years. Inquiries indicate that no sexual connections are held until the girl reaches puberty, although she lives with her husband all the time. Women of marriageable age are few in the area, and young men desiring brides must obtain them from either WANTOAT or from the MADANG tribes.

The area showed no signs of unrest, and the fighting of 1948 and the subsequent arrests by Messrs Ewing & Sheekey, had had no repercussions.

The villages of the western side of the UMI River are of a high standard. The people have acquired much of the sophistication of their AMARI neighbours, but they haven't lost their zeal and energy in the course of acquiring this sophistication. These villages of RUMPA, YANKOWAN, HINGGJA, GUSAP and MARABOI are amongst the best in the area, and are connected by well kept graded roads. Tultul PEIANO of YANKOWAN is the power in the area and I understand that he is mainly responsible for these excellent roads.

The AMARI sub-division was visited next by the patrol, but no census or village inspection was carried out, and the patrol confined itself to arranging for these villages to maintain the KAINANTU/GUSAP road, and to hearing complaints. Also some previous payments of War Damage Compensation were adjusted by the patrol at RAGITSARIA.



NATIVE AFFAIRS Cont'd.

This area will be visited again in two and half months time to inspect the KAINANTU/GUSAP road, and on this visit the villages will be visited and inspected.

Three courts for Native Affairs were held at RAGITSARIA, one for assault, one for failure to provide medical attention for children when ordered to, and one against a Medical Tultul for failure to take a sick man to hospital when ordered to.

Apart from these cases, and the alleged murder at DANTAP, no crime was reported to the patrol.

VILLAGES AND HOUSING.

All villages of the Yaros and Markham Headwaters areas were inspected and for the most part were in good order. The plains villages of the Yaros area were in need of repairs, and necessary instructions were given.

The old village of MANGIAR (YAROS) is being shifted to a new site at SIGITISRUMPUM, near SUMERA, and the people were given a time limit to have this change effected.

The villages of LANKUAM, NUMBUGU, SUMERA were in fair condition and only minor repairs were advised. The village of KAPARA is still in the process of being built, as these people have only recently migrated to their new site. Some of these people are still living in bush houses in MADANG area, and word was sent to them to either form a village there, or else join their relatives at KAPARA.

The western villages of the Markham Headwaters area were amongst the best and neatest villages sighted on the patrol and the people were complimented on their work.

ROADS AND BRIDGES.

There is one road suitable to motor traffic in the area and this is the LAE-GUSAP-KAINANTU road. The GUSAP/KAINANTU section of this road was inspected and as previously reported various villages in the area were instructed to maintain it.

Most tracks used by the patrol were in fair condition, except for the area belonging to LANKUAM, NUMBUGU, SUMERA and KAPARA villages. These villages were instructed to clean their roads, but villages are such a great distance apart and the population is really far too small to build and maintain large stretches of road. However it is within these people's capabilities to maintain their roads at a slightly higher standard.

As previously mentioned, the roads belonging to the western Headwaters villages are excellent, being wide as possible, and graded. For the most part of the roads of this area, they would be suitable for mule and donkey traffic. Tultul PELIANO of YANKOWAN was congratulated on his area's roads, as he is the driving force behind the road-making activity of this group.

There are no permanent bridges in the area, and the only bridge used by the patrol was a native construction over the UMI River.

EDUCATION AND MISSIONS.

There is only one Mission operating in the area, and that is the Lutheran Mission with its headquarters at Kaiapit. Schools are run under native teachers in all areas, including the LANKUAM group of the Markham Headwaters. However the latter group's schools are not fully established as yet.

All teaching is done in the YABIM tongue, which unfortunately is not much advantage to the pupils, outside of their religious activities.

The schools are well attended in all villages.

AGRICULTURE AND LIVESTOCK.

The staple diet of the plains people is sweet potato and bannanas, whilst the mountain folk have more variety, having planted taro, sweet potato, bannanas, tomatoes, potatoes and sugarcane.

AGRICULTURE AND LIVESTOCK Cont'd.

Large gardens were sighted in the mountain areas and some of the plains people are in the habit of building gardens in the nearby mountains. The mountain gardens are fenced, whereas the plains gardens, consisting mainly of bannanas are un-fenced and the village pigs allowed to wander at will through them. However these plains people have an agreement amongst themselves, that if a village pig does damage to a garden, ~~it~~ even if it is un-fenced, the owner is still liable.

Numerous pigs and fowls were sighted in all villages. They have the run of the village at will. Some of the pigs have some good blood, having been obtained from the ERAP Agricultural station. The poultry is nearly all 'scrub stock' and can be purchased reasonably cheaply.

Some of the Yaros villages have a few goats, obtained from ERAP. Only about six in all were sighted. They appeared to be in good condition.

VILLAGE OFFICIALS.

The Paramount Luluai of YAROS, AMPOM of DANTAP, is a good man, and has a lot of influence in his area. As previously mentioned he assisted and accompanied the patrol throughout his area. Other Village Officials of YAROS appear to be doing their jobs to the best of their ability, in some cases meagre ability. None appear outstanding enough to warrant mention.

The Village Officials of the Eastern Villages of the Markham Headwaters are still very new to their appointments, and as yet have not a complete idea of their functions. Still they are keen and eager to learn.

The outstanding Official of the Western villages of Markham Headwaters is as mentioned, PEIANO, Tultul of YANKOWAN. He has quite a lot of influence in the area, and assisted the patrol throughout his area. Another influential and effacant Official in the area is GORKI, Tultul of RUMPA. The other Officials more or less bow to these two forceful characters.

There is one Paramount Luluai of the AMARI area, MARAN of WANKUM. I understand that this man was appointed to the position, some two to three months ago, to fill the vacancy caused by the death of his father. Separate correspondence deals with this man. MARAN is also a man of influence and other Officials in the area pay him a lot of heed. All the AMARI Officials were sighted at RAGITSARIA.

The following provisional appointments were made to fill vacancies.

<u>NAME.</u>	<u>POSITION.</u>	<u>VILLAGE.</u>	<u>REASON FOR VACANCY.</u>
PAPARANG.	Tultul.	<del>XXXXXXXXXX</del> SAMARAN.	Previous T/T DIDI resigned.
AMOFORAN	"	TARI	" " Deceased.
LOUWI	"	MAIAMSARIANG.	" " NAIAT resigned.
BIHINI	Luluai	MARABOI	Previous Luluai deceased.
PAEWO	Tultul	"	Previous T/T ORI dismissed and gaoled.

The above appointments are provisional and subject to approval from Headquarters.

MEDICAL AND HEALTH.

A medical inspection was carried out in all villages visited by the patrol, and the general health of the people appears quite good. First Aid Posts have been established in the YAROS, AMARI and in the western part of the Markham Headwaters areas.

People requiring treatment for minor complaints were directed to these Aid Posts, and others were sent to the Native Hospital at Kaiapit.

The First Aid Posts were all inspected by the writer, and the N.M.Os in charge of them appear to be carrying out their jobs well.

Health in the villages of LANKUAM, NUMBUGU and SUMERA, was not as good as the others; several cases of pneumonia and yaws being found. These were all directed to the Hospital, and Village Officials were instructed that it was their responsibility to send any future cases for medical treatment. There has not been a medical patrol to any of these villages as yet, but the western villages were last visited by a medical patrol in 1953.

Sanitation and hygiene arrangements were inspected in all villages, and where necessary orders were given for their improvement.

CENSUS.

A revision of census was carried out in the Yaros and Markham Headwaters divisions and Village Population Registers are appended to this report.

A total of 2074 people were counted for the YAROS area, which shows an overall increase of 70 since the last census in May, 1953. This is attributed to natural increase.

A total of 584 people were counted in the Markham Headwaters area, which shows an increase of only 5 since the last census was taken in March, 1952. This appears to be due to the high numbers of adult deaths in the area, in all 35, with child deaths totalling 20.

Pneumonia seems to be the common cause for this high ratio and is due to the intense cold of this area. Strong bitterly cold winds howl through the villages, some of which are situated at 5000 feet.

Labour figures for Yaros Sub-Division show that out of a total of 539 A/B males, 245 are absent at work. This is a percentage of 43%. Of these however, 205 are employed within the district.

Labour figures for the Markham Headwaters division show that out of a total of 175 A/B males, 50 are away at work; a percentage of 29%.

ANTHROPOLOGICAL.

Nothing of anthropological interest was noted on the patrol.

*D. G. Calder*

D. G. Calder,  
Patrol Officer,  
Kaiapit.

13/9/54.

TERRITORY OF PAFUA AND NEW GUINEA.

KAIAPIT PATROL REPORT NO.1-54/5

APPENDIX "A"

Report on Members of R.P. & N. G. C. Accompanying.

<u>Reg. No.</u>	<u>Rank.</u>	<u>Name.</u>	<u>Remarks.</u>
6138. PA.	L/Cpl.	KIGARE.	A good, keen mark. An asset on patrol and on the station. Maintains good control of his police.
3558.	Constable	OITSIRA.	A Markham man. Worked well. Shows no apparent sympathy towards his local relatives.
6110. PA.	"	YAGОВI	Worked well.
6128 PA.	"	KARAU.	Worked well as usual. Has a fund of knowledge of local events and gossip.
6936.	"	MAIRONG.	An experienced man. Worked well.

*D. G. Calder*

D. G. Calder,  
Patrol Officer.

# VILLAGE POPULATION REGISTER

Year 1954/1955.

MARKHAM HEADWATERS CENSUS SUB-DIVISION.

KATAPIT PATROL NO. 1-1954/55.

Govt. Print.—4391/10.52.

VILLAGE	DATE OF CENSUS 1954.	BIRTHS		DEATHS										MIGRATIONS				ABSENTEE FROM VILLAGE				LABOUR POTENTIAL				FEMALES		TOTALS (Excluding Absentee)				GRAND TOTAL M+F					
		0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		In		Out		Ins. District		Outside District		Govt.		Mission		Males		Females		Pregnant Number of Child-bearing age	Average Size of Family		Child		Adults		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				M	F			
LANKUAM	August 22nd	5	3			1	1											2						3		2	10		14	1	13	2.9	13	3	7	14	42
NUMBUJU	23rd	5	1			2	1					1		2	2			2						2		7	18	6	18	1	17	2.8	23	11	15	13	71
SUMERA	25th	5	4	1				1	1			3	5	1	3				8			4				6	22	4	23	1	20	2.2	12	17	14	25	80
KAPARA	26th							1				1	2	3	3	2		2								5	7	3		6	1.9	7	4	6	7	26	
MARABOI	27th	3	4		2					1		7	4		3	2	4	6								8	26	11	2	9	1.6	19	6	17	34	76	
YANKOWAN	28th	8	5			2	1	1				1	1	1	5	1	10	1		1						6	32	4	25	1	22	2	22	26	19	25	105
HINGGIA	30th	1	5			2						3	1	2	1	1	5	5				2				7	29	2	18	3	17	1.6	17	11	19	20	79
GUSAP	"	1	3			1						2		1	1	3	1	1								8	10	1	10	6	1.9	11	8	10	11	42	
RUMPA	31st	2	3									1	2	2	2		3							1		5	21	3	18	1	14	1.5	15	10	18	18	63
<b>TOTALS.</b>		30	28	1	3	7	4	4	1			20	15	7	15	2	15	15	35	1		13				52	175	20	143	10	124	-	137	96	125	162	584

# VILLAGE POPULATION REGISTER

Year 1954/1955.

VAROS CENSUS SUB-DIVISION.

KAIAPIT PATROL NO. 1-1954/55.

Govt. Print.-4391/10.52.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES Pregnant Number of Child-bearing Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL M+F					
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		Inside District		Outside District		Govt.		Mission		Males		Females			Child		Adult		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M		F	M	F	M		F	M	F		
		10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45																													
NAWANTMARAN	1954. Aug. 15th.	2	1												1	1			5	2			1	1	4	17	4	13	12	1.4	10	12	14	18	63			
AMALI	"	2	5		1	1												5	2	2				1		3	18	3	13	2	13	2	11	18	15	76		
SAMARAN	"	4	5		3	2		2					2					14	3	3	1					8	45	7	30	4	30	1.6	25	29	37	44	156	
YAMPUA	"	2	2		2									1				12	7	2						3	26	8	22	6	19	1.5	13	17	17	28	96	
DANTAP	17th.	3	3		1	1		1					2	1		1			20	6	3	3			1	1	16	55	18	43	1	37	1.8	34	37	43	52	200
MITRING	"	5	1										2	1	1	1	1	1	15	10	3		1				4	30	3	26	23	1.2	20	12	24	26	1.1	
TARI	"		4					1					4	1		1	2	2	21	5	2						7	41	5	28	21	2.3	28	18	22	27	123	
MARAFU	18th.	5	5	1	1	2				1			1	1	1	2			19	6	1						5	48	7	34	3	30	1.3	19	24	40	52	161
SUMERA	"	6	4															21	6	1				4		3	44	10	34	3	22	1.6	34	22	27	38	153	
SIGITISRUMPUN	9th.	2	1	1		1							1					15	2	1				1		7	27	8	34	2	31	1.7	20	28	23	39	129	
MAIAMSARIANG	"	2	5		1								1	1		4		4	16	7	1				1		8	56	7	47	3	37	1.5	25	26	46	51	173
TOFMORA	"	5	11	1	2			1					1		4	8	8	5	2	14	5					9	65	17	45	3	43	1.9	37	42	48	47	214	
GUTSUAP	"	3	5		1								2	4	4	5	1		8	2	3						9	49	15	42	1	41	1.9	38	34	43	49	177
GAINARUN	20th.	7	2		1								1		5	5	2		10	5	1	2			3		3	33	5	31	30	1.6	20	19	25	36	121	
NARUTSAMIANG	"	3	4										4	1		3		1	3		10						9	35	3	32	1	28	1.5	25	13	28	42	121
<b>TOTALS.</b>		<b>51</b>	<b>58</b>	<b>3</b>	<b>4</b>	<b>9</b>	<b>7</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>		<b>19</b>	<b>12</b>	<b>18</b>	<b>30</b>	<b>13</b>	<b>15</b>	<b>205</b>	<b>75</b>	<b>40</b>	<b>6</b>	<b>1</b>	<b>12</b>	<b>2</b>	<b>98</b>	<b>589</b>	<b>1204</b>	<b>742</b>	<b>941</b>	<b>7</b>	<b>-</b>	<b>359</b>	<b>351</b>	<b>452</b>	<b>571</b>	<b>2074</b>	

# Population Register

YAROS, MARKHAM HEADWATERS  
Area Patrolled.....& AMARI... CENSUS DIVISIONS.

MIGRATIONS		ABSENT FROM VILLAGE AT WORK				STUDENTS				LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL
Out		Inside District		Outside District		Govt.		Mission		Males		Females		Pregnant	Number of Child Bearing Age	Average Size of Family	Child		Adults		
M	F	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45				M	F	M	F	
			5		2			1	1	4	17	4	13		12	1.4	10	12	14	18	63
			5	2	2			1		3	18	3	13	2	13	2	11	18	15	22	76
			14	3	3	1				8	45	7	30	4	30	1.6	25	29	37	44	156
			12	7	2					3	26	8	22	6	19	1.5	13	17	17	28	96
			20	6	3	3		1	1	16	55	18	43	1	37	1.8	34	37	43	52	200
1	1	15	10	3			1			4	30	3	26		23	1.2	20	12	24	26	111
2	2	21	5	2						7	41	5	28		21	2.3	28	18	22	27	123
			19	6	1					5	48	7	34	3	30	1.3	19	24	40	52	161
			21	6	1				4	3	44	10	34	3	22	1.6	34	22	27	38	153
			15	2	1				1	7	27	8	34	2	31	1.7	20	28	23	39	129
	4	16	7	1					1	8	56	7	47	3	37	1.5	25	26	46	51	173
8	5	21	14	5						9	65	17	45	3	43	1.9	37	42	48	47	214
1		8	2	3						9	49	15	42	1	41	1.9	38	34	43	49	177
	2	10	5	1	2				3	3	33	5	31		30	1.6	20	19	25	36	121
	1	3		10						8	35	3	32	1	28	1.5	25	13	28	42	121
13	15	205	75	40	6	1		12	2	98	589	120	474	29	417		359	351	452	571	2074.
			2						3	2	10		14	1	13	2.9	13	3	7	14	42
	2	2							2	7	18	6	18	1	17	2.8	23	11	15	18	71
				8					4	6	22	4	23	1	20	2.2	12	17	14	25	80
1	2			2						3	7		6		5	1.9	7	4	6	7	26
	2	4		6						8	26		11	2	9	1.6	19	6	17	24	76
	3	1		10			1		1	6	32	4	25	1	22	2	22	26	19	25	105
1	1	5		5					2	7	29	2	18	3	17	1.6	17	11	19	20	79
	3	1		1						8	10	1	10		6	1.9	11	8	10	11	42
	2			3					1	5	21	3	18	1	14	1.5	13	10	18	18	63
2	15	15		35			1		13	52	175	20	143	10	124		137	96	125	162	584

DAS



TERRITORY OF PAPUA AND NEW GUINEA.

# PATROL REPORT

District of MOROBE Report No. BAIAPIT NO. 2-1954/55.

Patrol Conducted by D. G. CALDER, PATROL OFFICER,

Area Patrolled LERON & ATZERA SUB-DIVISIONS & NARAWAPUM Village.

Patrol Accompanied by Europeans Nil.

Natives 6

Duration - From 15/10/54 To 24/10/54

From 1/11/1954 to 8/11/1954

From 15/11/54 To 16/11/54

Number of Days 20.

Did Medical Assistant Accompany? No.

Last Patrol to Area by - District Services August, 1952 Leron Area.

February, 1954. Atzera Area.

Medical ... Sept. /19 52 Leron Area.

Sept. 1953 Atzera Area.

Map Reference 2033 Markham 4 Mile Army Strat. Series.

Objects of Patrol (1) Census Revision. (2) General Administration.

(3) To settle land dispute at NARAWAPUM Village, YAROS AREA.

DIRECTOR OF DISTRICT SERVICES  
AND NATIVE AFFAIRS,  
PORT MORESBY.

Forwarded, please.

10/12 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 ... .. £.....

Personal File Notes - C.S. 29/11/54



# Village Popul

Year..... 1954.

## LERON CENSUS SUB-DIVISION.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIG.			
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13				Females in Child Birth	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F				
WONGAT	Oct. 16th.	4	4	1				2	1			3				3	4		
SUKURUM	18th.	4	8		1		1	1						1		4	4		
GABAKIAP	19th.	2	2	1				1						1					
WAROM	"	2	2					1	2							1	2		
GUPASSA	"	5	7		1		2	1	1										2
DUNLINAN	"	4	1				1									1	1		1
PAPUOI	21st.	2	1				1					1	1			2	3		1
SASENG	"	1	1									1				2		4	2
SIKTSUAN	"	3	2	1			1									1		1	
SOM	22nd.	5	2	1			2	1	1							4	4		3
SIRASIRA	23rd.	1	2					1									2		
NARIAWANG	"	6	6				1	2	2			1				3	1		2
NARUNKUN	"	5	1						2								1		
<b>TOTALS.</b>		<b>44</b>	<b>39</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>5</b>	<b>3</b>		<b>15</b>	<b>26</b>	<b>2</b>	<b>5</b>	<b>11</b>	

30-9-214

20th December, 1954

The District Commissioner,  
Morobe District,  
L.A.E.

Patrol Report No. 2 of 1954/55, KAIAPIT

The receipt is acknowledged of the above-mentioned Report submitted by Mr. D. G. Calder, Patrol Officer in Charge KAIAPIT Patrol Post, following his Patrol of the LERON and ATERA census sub-divisions.

The increased field patrolling being carried out from Kaiapit by Mr. Calder is most satisfactory and the areas controlled from this Post should now receive the regular and unhurried village to village visits necessary to make gradual social and economic progress with the native people.

The Patrol party on this occasion was evidently well received and it would seem that the field work was effectively conducted. Should the follow-up Patrol mentioned be made in February, it should have the effect of ensuring that instructions given have been satisfactorily carried out.

Your plans for the economic development of these people are noted. Once the Mardam road is completed it should be possible to make progress in this regard, more rapidly.



*Handwritten notes:*  
20/12

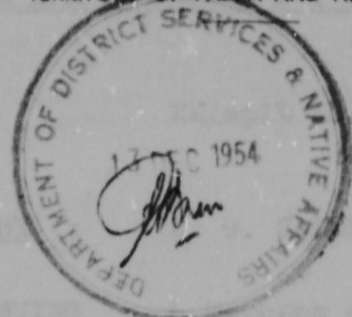
*Handwritten signature:*  
A.A. Roberts  
Director.

26/12/54



TERRITORY OF PAPUA AND NEW GUINEA

HLRN.RD.



In Reply  
Please Quote  
No. 30. 3. 18

District of Morobe,  
Headquarters,  
L.A.E.

10th December, 1954.

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

PATROL REPORT - KAIAPIT NO. 2, 1954/55.

Forwarded herewith are copies of a  
Patrol Report submitted by Patrol Officer D. G. Calder,  
covering a routine patrol of the Leron and Atzera Sub-  
Division.

The census was checked in the Leron  
Sub-Division only, as it is less than 12 months since  
the area was patrolled. For the past three years the  
officers stationed at Kaiapit have failed to carry out  
regular and systematic patrolling, but since the posting  
of Mr. Calder the situation has changed completely, and  
this officer is to be commended for the large amount of  
patrolling carried out by him. He spends more than  
two-thirds of his time in the field, and this is reflected  
in the greatly improved native situation in the area  
controlled by the Kaiapit Patrol Post. The area has been  
well rehabilitated since the war, but to date we have not  
yet extended our economic development programme very much  
in the Markham area.

It will be seen that the natives are  
planting a certain amount of rice and peanuts, but until  
the Markham Road is completed, the natives will have  
difficulty in disposing of their produce. At present it  
is almost impossible to sell peanuts on the Australian  
market, and we now have approximately 11 tons in the  
Government Stores at Lae, which would not pay the cost of  
shipment and fees to Australia. These will be used to  
supplement the diet of the natives employed by the Adminis-  
tration.

Mr. Calder will be instructed to concentrate  
more on the planting of permanent crops such as coconuts and  
later cocoa in the main Markham Valley, and coffee in those  
villages above 3,000 feet. Markham coconuts are wellknown  
as probably being the best in the Territory, and there are  
very large areas which can be planted in the main valley.  
Many of these areas have also be classed as most suitable  
for cocoa growing, and it is my intention to inter-plant the  
coconut groves with cocoa when the palms have reached  
sufficient height to provide the necessary shade. Generally  
speaking, conditions are quite good in the area and I look  
forward to a distinct improvement in the economic position,  
and this will be made to fall with the proposed road from  
Lae to Gusap. If the road is completed at the time the palms  
are bearing, the natives will not have any difficulty in  
disposing of their crops.

(H.L.R. Niall)  
DISTRICT COMMISSIONER.

TERRITORY OF PAPUA AND NEW GUINEA.

DISTRICT OF MOROBE.

KAIAPIT.

PATROL REPORT.

REPORT NUMBER.

Kaipit No. 2-1954/1955.

PATROL CONDUCTED BY :

D. G. CALDER, PATROL OFFICER.

PERSONNEL ACCOMPANYING :

4 Members of R. P. & N. G. C. as per Appendix "A".

1 N. M. A.

1 personal servant.

AREA PATROLLED

: LERON & ATZERA Census Sub-divisions and villages of MAIAMSARIANG, GUTSUAP of YAROS Census Sub-divisions.

MAP REFERENCE

: 2033 Markham 4 Mile Army Strat. Series.

DURATION OF PATROL

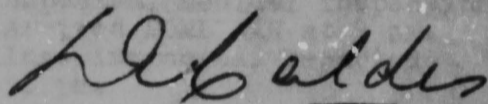
: From 15th. October, 1954 to 24th. October, 1954. From 1st. November, 1954 to 8th. November, 1954. From 15th. November, 1954 to 16th. November, 1954.

NUMBER OF DAYS SPENT ON PATROL :

20 days.

OBJECTS OF PATROL

- (1) Census Revision.
- (2) General Administration.
- (3) To settle land dispute at MAIAMSARIANG and GUTSUAP villages.



D. G. Calder,  
PATROL OFFICER.

INTRODUCTION.

This patrol was conducted to revise the census in the Leron Sub-division and to inspect the villages of the Atzera Sub-division. The opportunity was also taken to settle two land disputes at the villages of MAIAMSARIANG and GUTSUAP in the Yaros Sub-division.

The Leron area was last visited by a patrol in August, 1952, and the Atzera area was patrolled in January, 1954.

D I A R Y.

October, 15th.

Departed Kaiapit Patrol Post at 8.15 am, Arrived BOGABUANG at 9.10 am. Departed 9.45am/ Arrived ZUMANGORUM at 10/30 am. Changed carriers. Followed a newly cut graded road. Arrived WONGAT (Elevation 2450') at 1.15 p.m. Discussions with village officials.

October, 16th.

Census revision. Medical inspection. Village inspected. Minor complaints settled. Constable YAGIVI arrived in afternoon. ANTAOAT.

October, 17th.

Sunday - Observed.

October, 18th.

Departed WONGAT at 7.a.m. and descended by good graded road to Leron River arriving 9.am. Followed along River. Met by carriers from SUKURUM at 9.30 am. Changed carriers and ascended to SUKURUM village, arriving 12.10. pm. Elevation of village, 2450'. Census taken and village inspected. Medical inspection held. Patrol invited to a sing-sing in evening.

October, 19th.

Departed SUKURUM at 7.45 am. Passed through DURLINAN at 7.50 am. Climbed to GABAKIAP at 8.45 am. Elevation 3500'. Census taken and village inspected. Medical inspection held. Departed 9.55 am. Descended and climbed to WAROM village ( 2900') arriving 11.15 am. Census taken and village inspected. Medical inspection held. Departed 1.p.m. Descended to small creek and climbed a mountain (3850'). Descended to GUPASSA (3000'), arriving 2.10. pm. Census taken and village inspected. Medical inspection held. Departed 3.30 pm. Followed good road. Arrived DURLINAN at 4 pm. Census taken and medical inspection held. Village inspected. Departed 4.45 pm and descended to SUKURUM, arriving 4.50 pm.

October, 20th.

Working on census statistics. Village Officials of SASENG reported. Discussion with V<sup>2</sup>0 s.

October, 21st.

Departed SUKURUM at 7.10. am. Descended to Leron River at 8 am. Some difficulty experienced in fording. Departed 9 am. and climbed to PAPUOI (2250'), arriving 9.30 am. Census taken and village inspected. Census revised of SASENG and SIKISUAN in afternoon. Medical inspection. One C. N. A. held.

October, 22nd.

Departed PAPUOI at 7.30 am. Ascended a mountain (3150'). Followed along ridge and arrived SOM village at 10.40 am. Patrol welcomed by a sing-sing. Census taken and village inspected. Medical inspection held. Discussions with Village Officials.

October, 23rd.

Departed SOM at 7.15 am. Passed thru' 2 hamlets of SOM.

....3....

October, 23rd. Cont'd.

Inspected. Arrived SIRASIRA at 8.45 am. Census taken and village inspected. Medical inspection held. Departed 9.35 am. Ascended a mountain (3850'), descended, and climbed to NARIAWANG (2100'), arriving 12.30 pm. Census taken and village inspected. Medical inspection held. Census revised of nearby NARUNKUN during afternoon. Medical inspection held. A runner arrived from station in late afternoon with news of an alleged murder at ONGA.

October, 24th

Departed NARIAWANG at 6.20 am. Descended to and forded Leron River. Ascended to WONGAT, arriving 9 am. Departed 9.30 am. and descended to ZUMANGORUM, arriving 11.30 am. Continued on and arrived Patrol Post at 12.20 am. Remainder of patrol arrived at 3 pm.

25/10/54 - 31/10/54 spent on station in investigating alleged murder at ONGA and Lower Court. Sitings.

November, 1st.

Departed station at 7.30 am. Followed good road and arrived MAMRINGAN at 8.30 am. Village inspected and medical inspection held. Departed 10/5 am. and proceeded to BOGAGUANG, arriving 10.55 am. Village inspected and medical inspection held. Minor matters settled. Departed 12.5 pm. and proceeded to ZUMANGORUM, arriving 12.30 pm. Village inspected and medical inspection held. Nearby TA-AP visited and inspected. Minor matters.

November, 2nd.

Departed ZUMANGORUM at 7.5 am. Followed down IRUAP River. Arrived WAFIBAMPUN at 7.30 am. Village inspected and medical inspection held. Minor matters heard and settled. Departed 9 am. and proceeded to SANGANG arriving at 9.30 am. Welcomed by sing-sing. Village inspected and medical inspection held. Minor matters. Lunch. Departed 12.30 pm. Arrived MANGIANG at 12.45 pm. Village inspected and medical inspection held. Departed 1.50 pm. and proceeded BINIMUMP, arriving 2.5 pm. Village inspected and medical inspection held. Proceeded to nearby NASAWASIANG. Village inspected and medical inspection held. Several complaints heard. Three Courts for Native Affairs held. Departed 4.20 pm. and proceeded to nearby NINSIP, arriving 4.25 pm. Village inspected and medical inspection held. Departed 5.20 pm. and proceeded SANGAN, arriving 5.30 pm. Minor matters.

November, 3rd.

Departed at 7.30 am. Proceeded to MARANGITS, arriving 8.45 am. Village inspected and medical inspection held. Minor matters. Departed 9.15 am. and proceeded SUAI, arriving 9.25 am. Village inspected and medical inspection held. Departed 10.30 am. and proceeded to ULULI, arriving at 10.45 am. Welcomed by sing-sing. Village inspected and medical inspection held. Nearby MUTSING inspected in afternoon. Minor matters.

November, 4th.

Departed ULULI at 7.15 am. and proceeded to WOMPUA, arriving at 7.30 am. Village inspected and medical inspection held. Departed 9.45 am. and arrived DABU at 10 am. Village inspected and medical inspection held. Departed 10.40 am. Passed through WOMPUA. Crossed MANGIANG River and arrived ARIFIRAN at 11.10 am. Lunch. Village inspected and medical inspection held. Departed 1.50 pm. and proceeded to ZUMIM village, arriving 2.5 pm. Village is in four sections. Inspected and medical inspection held. Complaints heard and two Courts for Native Affairs held.

November, 5th.

Departed ARIFIRAN at 7.30 am. Crossed Markham River and arrived ANGA at 9 am. Welcomed by sing-sing. Village inspected and medical inspection held. Departed 10.40 am. Crossed MARKHAM River. Passed thru' ARIFIRAN and ZUMIM. Arrived ANTIRAGEN at 12.30 pm. Welcomed by sing-sing. Village inspected and medical inspection held. Complaints heard. One Court for Native Affairs held.

NOVEMBER, 6th.

Departed ANTIRAGEN at 7.30 am. Arrived OFOFRAGEN at 8 am.

....4....

November, 6th. Cont'd.

Village inspected and medical inspection held. Nearby GANTISAP inspected and medical inspection held. Minor matters. Departed 12 am. and arrived KAIAPIT village at 12.10. pm. Village inspected and medical inspection held. Minor matters. Proceeded to station, arriving 2.30 pm.

November, 7 th.

Sunday - Observed.

November, 8th.

Departed station at 8.10 am. and proceeded to RAGIDUMPIAT, arriving 8.35 am. Welcomed by sing-sing. Village inspected and medical inspection held. Visited and inspected BAMPJA'AFAN, a hamlet of RAGIDUMPIAT. Returned to station at 11. pm.

9/11/54 to 14/11/54 taken up by station duties.

November, 15th.

Departed station at 7.45 am. Arrived at OFOFRAGEN at 8.10. am. Councillors elected, Departed 8.40 am. Arrived MAIAMSARIANG at 10.30 am. Land dispute heard and settled. Night at MAIAMSARIANG.

November, 16th.

Another land dispute heard and settled. Departed 10.30 am. and returned to ~~xxxx~~ station arriving 12.30 pm.

END OF DIRRY.

NATIVE AFFAIRS.

Native affairs in the Leron area appear satisfactory as is evidenced by the few complaints reported to the patrol requiring Court action. This is despite the fact that it is two years since the last patrol to this area.

Just prior to the patrol the Village Officials reported to the station regarding a Markham Mission teacher defiling a girl under 17 years of age at their village. The teacher had subsequently fled to Rabaul, and steps have been taken to have a warrant issued for his arrest.

One case of wife beating was reported to the patrol at SASENG and court action taken. Apart from these complaints, there was nothing else reported.

The villages in the Leron Sub-division are divided into three distinct groups, both by language barriers and by degrees of sophistication.

The villages of WONGAT, NARIAWANG & NARUNKUN have obtained a fairly high degree of sophistication, having absorbed much of the Markham culture and language. In fact, now, they regard the Markhams as their "one-talks".

The people of SUKURUM, GUPASSA, WAROM, DUMLINAN & GABAKIAP villages speak a WANTOAT dialect and in build and features are very similar to the true WANTAOTS, being of slight build, short but very muscular. These group of villages are very progressive, as was evidenced by their well-kept roads and villages. The people were eager to please and co-operate well with the patrol in its work.

The villages on the Eastern side of the Leron River, that is SASENG, SIKISUAN, PAPUOI and SOM, have not had as much contact with patrols of those of the Western Leron, and consequently are still fairly unsophisticated. The people of SASENG, SIKISSUAN and PAPUOI desire to combine and form one village. This move is highly desirable as it will enable patrols to give more attention to this group and bring their standard up to the level of their SUKURUM neighbours.

The ATZERA area was next visited by the patrol. This area is highly sophisticated, having been in close contact with the Government and the missions for the past twenty years. Five complaints of spreading lying reports and adultery were reported and Court action taken. Spreading lying reports is a favourite past-time for the Markham, as truth appears to have little value to them at all. One case, in particular, was at

NATIVE AFFAIRS ,Cont'd.

RAGIADUMPIAT village, where the Luluai had received a letter, allegedly written by two Markham policemen of KAINANTU detachment, advising him that his son, who was working at KAINANTU, had been run over and killed. The luluai proceeded to Kainantu and found that his son was still hale and hearty. The matter has been referred to the A.D.O. Kainantu for his action.

The SANGAN people of the ATZERA area are the more progressive of the group. Most men have planted cash crops such as peanuts and kapok. This group too is the only one in the Markham area to produce copra.

Four native owned trade-stores operate in the SANGAN area which has a population of approx. 1600.

The villages of MAIAMSARIANG, TOFMORA and GUTSUAP ~~HERE~~ of the YAROS Sub-division were also visited by the patrol to settle two land disputes which were causing a lot of ill-feeling amongst the people. One dispute was settled in the Court of Native Affairs, and Court action was commenced on the other dispute, but abandoned when the parties concerned were ready to reach a compromise.

VILLAGES AND HOUSING.

The villages of the Leron Area, with the exception of SOM, were in good order and repair. SOM village was filthy and the houses were mostly in need of repair. Necessary orders for their repair were given. As previously mentioned the villages of SASENG, SIKISUAN and PAPUOI intend to combine and erect one big village. This move was strongly endorsed by the patrol.

The villages of the AZTERA area were clean but the houses for the most part were of poor standard, being the beehive type with walls built of driftwood. Numerous orders for repair of houses were issued and the people advised that their area would be patrolled again in February to see if the instructions had been carried out.

The village of WAFIHAMPUN is ~~the~~ in the process of being rebuilt as some 15 of these houses were destroyed by fire some eight months ago. These people were instructed to have the re-building completed within three months.

BOGABUANG village was the best sighted in the area. The houses, for the most part being of pit-sawn timber construction and wall-built. The Village Officials were complimented on the state of their village, and other ATZERA villages ~~were~~ were told to erect their houses likewise.

ROADS AND BRIDGES.

One new graded road from ZUMANGORUM to SUKURUM has just been completed and was used by the patrol. It is quite a well constructed road and the villages concerned were congratulated on the large amount of effort which they had obviously put into it. This road, I understand, continues on from SUKURUM and eventually arrives at the WANTAOT air strip.

The roads traversed on the Eastern side of the Leron River were in fair order, and where necessary, the respective villages were told to repair their roads.

There are no bridges in the area.

In the ATZERA area, roads were well cut, some having obviously been cut the day before the patrol's arrival. There is one road suitable for vehicular traffic, and that is the Lae/Kainantu road. There are no bridges in the area, and all rivers must be crossed by fording.

EDUCATION.

With the establishment of the new Administration School at Kaiapit, the natives of this area now have the opportunity of higher education to equip them to obtain better employment than mere labourers. The establishment of this school has the full support of the natives, who erected it themselves, and supply the children attending with food. At present there are some 50 pupils attending this school drawn from the Leron and Markham areas.

Village schools run by the Lutheran Mission are established in nearly every village. All teaching is done in the YABIM tongue, but the native teachers themselves are not sufficiently educated to provide a very high standard of education for the pupils of these schools.



MISSIONS.

One mission only operates in the area, and that is the Lutheran Mission under the charge of Mr. A. Koschade at Kaiapit. All the ATZERA villages have a mission teacher ~~xxxx~~, and SUKURUM, NARIAWANG and WONGAT in the Leron area have teachers. Mission influence is very strong throughout the area, and plays a big part in the lives of the natives.

AGRICULTURE AND LIVESTOCK.

The staple diet of the mountain people of the Leron area is taro, sweet potato, bananas and sugarcane. They have also planted tomatoes, potatoes and shalots. There is no shortage of food in the area and large extensive gardens were sighted by the patrol.

The plains people of the ATZERA have less variety, their main gardens being solely bananas. Some of the more energetic Markhams have planted tomatoes, shalots, pineapples and watermelons.

Large gardens of peanuts have been planted by the SANGAN group who are the more progressive of the ATZERA people, and their crops are sold to Mr. D.R. McBesth, a trader here, who pays about 5d. a lb for peanuts, shelled. Some of the growers complained to me about this price, and they were informed that the matter would be taken up with the District Commissioner to see if there was any alternative way for them to dispose of their produce more advantageously.

Some natives have commenced growing rice and to date three Beattall Hand Rice Hullers have been purchased for them through D.A.S.F.

The SANGAN group are the only copra producers in the area and the total production for last year was approx. 18 bags.

Numerous pigs were sighted in all villages. Some of these have been crossed with European pigs and the strain is quite good.

Fowls are kept in most villages and a few goats were sighted in three Atzera villages. These goats are not used for milking and are apparently just kept.

VILLAGE OFFICIALS.

The Village Officials of the western side of the Leron River appear to be doing a fair job, but those of the eastern side villages, with the exception of NARIAWANG, NARENKUN and YUWENG, have little or no idea of their duties. Talks on the duties and powers of Luluais and Tultuls were given in these villages.

The Village Officials of the ATZERA area are with one or two exceptions mediocre. The Paramount Luluai of the area, MAMUAN of ULULI accompanied the patrol throughout his area, and appears to be doing a reasonable job.

The following provisional appointments were made to fill vacancies ;

<u>NAME.</u>	<u>POSITION.</u>	<u>VILLAGE.</u>	<u>REASON for VACANCY.</u>
NAUWI	Tultul	NARIAWANG	PUANGA resigned.
MANGU	Tultul	YUWENG	FONTO resigned.
ITSIR	Luluai	WAFIBAMPUM	IKUAN "
WANGAN	Tultul	"	ITSIR promoted to Luluai.
URUMNARUN	"	MANGIANG	APA resigned.
KANASAP	Luluai	WOMPUA	PUAM resigned.
MARIAN	"	ANTILAGEN	TSARA "
UMANTIRAN	"	OFOFAGEN	TINGTING "
ULIM	Tultul	"	WAIYU "

MEDICAL AND HEALTH.

A medical inspection was carried out in all villages visited by the patrol. The general health of the people appears good, due no doubt to the First Aid Posts which have been established in the areas.

There are First aid Posts established at GUPASSA in the Leron area and at SANGAN and ARIFIRAN in the ATZERA area. These Posts were inspected by the writer and everything appeared to be in order.

Sanitation and hygiene arrangements were inspected in all villages and were satisfactory. Three men were fined 10/- each in the Court of Native Affairs at ANTIRAGEN village for disobeying the lawful order of their M.F.T. = to repair their latrines.

CENSUS.

The census was revised for all village in the LERON area and Village Population Registers are attached.

The last census of this area was taken in August, 1952 and the figures show an increase of 7 for this census.

At WONGAT village there is a decrease of 8, due to 12 deaths in 1953 due to a dysentery epidemic. Village Officials have been instructed to report any future epidemics to the Native Hospital Kaiapit.

Labour figures show that there are 112 A/P males absent from their village at work at the time of census. Of these however, 101 are at work within the district, either at Lae or Bulolo.

ANTHROPOLOGICAL

Nothing of anthropological interest was noted on the patrol.

*D. G. Calder*

D. G. Calder,  
Patrol Officer,  
Kaiapit.

26/11/54.

TERRITORY OF PAPUA AND NEW GUINEA.

KAIAPIT PATROL REPORT No. 2-54

APPENDIX " A ".

Report on members of R. P. & N. G. C. accompanying the patrol.

<u>Reg. No.</u>	<u>Rank.</u>	<u>Name</u>	<u>Remarks/.</u>
6138PA.	L/Cpl.	KIGARE.	Worked well as usual. A reliable man.
3558	Constable	OITCIRA	A good man in the bush. Inclined to laze on station.
6110 PA	"	YAGIVI	A good conscientious man.
5127	Constable/Bugler.	YAINGON.	Not much use.

*D. G. Calder*

D. G. Calder,  
Patrol Officer.

# VILLAGE POPULATION REGISTER

Year 1954

LERON CENSUS SUB-DIVISION.

Govt. Print.—4291/10.52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS										MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL					
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		Inside District		Outside District		Govt.	Mission	Males		Females		Pregnant Number of Child-bearing age	Average Size of Family		Child		Adults		
				M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M		F	M				F	M	F	M	F
		1954.	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M		F	M	F	M	F
WONGAT	Oct. 16th.	4	4	1				2	1	3				3	4			1	5	2						10	45	8	39	3	22	1.224	20	42	39	132		
SUKURUM	18th.	4	8	1		1	1			1				4	4			2	13					6		11	50	7	33	2	30	1.7	25	32	40	156		
GABAKIAP	19th.	2	2	1			1			1								1	4					1		7	25	4	20	4	16	1.3	12	14	29	84		
WAROM	"	2	2				1	2						1	2			1	8					2		2	28	6	16		13	1.8	13	16	22	78		
GU'ASSA	"	5	7	1	2		1	1								2	1	8	1					2		5	36	5	27	1	25	1.5	14	16	30	99		
DUMLINAN	"	4	1		1								1	1	1	1		6						3		4	31	7	21		19	1.8	14	18	24	88		
PAPUOI	21st.	2	1		1			1	1			2	3			1		6	1					1		2	21	4	16	5	14	.8	5	9	17	57		
SASENG	"	1	1						1				2			4	2			3	1			2		3	16		16	1	13	1.5	9	3	14	47		
JIRINSUAN	"	3	2	1		1						1				1		3	4	1	2			1		2	19	2	17	1	15	1.2	10	7	12	54		
SOM	22nd.	5	2	1		2	1	1				4	4			3		15	1	1				4		6	44	6	38		33	1.3	27	20	30	138		
SIRASIRA	23rd.	1	2				1						2					1	9	1						4	24	15	21	2	21	1.9	18	21	19	90		
NARIAWANG	"	6	6		1	2	2	1				3	1			2				17	6					12	58	14	41	3	33	1.8	34	38	43	186		
NARUKUN	"	5	1					2					1					2	3	1						9	31	4	26		19	1.3	26	13	37	112		
<b>TOTALS.</b>		44	39	4	2	5	5	10	8	1	5	3	—	15	26	2	5	11	1	11	10	7	11	20		77	428	232	22	273	231	275	59	65	1321			

# tion Register

Area Patrolled... **LERON CENSUS SUB-DIVISION.**

HOMES		ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALPS		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL
		AT WORK				STUDENTS				Males		Females		Pregnant	Number of Child Bearing Age		Child		Adults		
M	F	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45					M	F	M	F
	1	5	2							10	45	8	30	3	22	1.2	24	20	42	39	132
	2	13						6		11	50	7	33	2	30	1.7	25	32	40	40	156
	1	4						1		7	25	4	20	4	16	1.3	12	14	20	24	84
	1	8						1		2	28	6	16	-	13	1.8	13	16	22	18	78
1		8		1				2		5	36	5	27	1	25	1.5	14	16	30	28	99
		6						3		4	31	7	21	-	19	0.8	14	18	24	23	88
		6	1					1		2	21	4	16	5	14	.8	5	9	17	18	57
		3	1					1		3	16		16	1	13	1.5	9	3	14	16	47
	3	4	1	2				1		2	19	2	17	1	15	1.2	10	7	12	17	54
		15	1	1				4		6	44	6	38	-	33	1.3	27	20	30	40	138
	1	9		1						4	24	15	21	2	21	1.9	18	21	19	22	90
		17		6						12	58	14	41	3	33	1.8	34	38	43	48	186
	2	3	1							9	31	4	26	-	19	1.3	26	13	37	32	112.
1	11	10	7	11				20		77	428	82	322	22	273	-	231	227	359	365	1321.



TERRITORY OF PAPUA AND NEW GUINEA.

30/3/55

# PATROL REPORT

District of MOEROBE Report No. KAJAPIT NO. 3-1954/55.

Patrol Conducted by D. G. CALDER, PATROL OFFICER.

Area Patrolled ONGA & AMARI CENSUS DIVISIONS.

Patrol Accompanied by Europeans Nil.

Natives 6.

Duration—From 6/12/1954 to 17/12/1954

Number of Days 12

Did Medical Assistant Accompany? No.

Last Patrol to Area by—District Services Feb. 1954 Onga Area.

Apr. 1954 To Amari Area.

Medical ... Sept. 1954 To Onga Area

April, 1953 To Amari Area.

Map Reference 2033 Markham 4 Mile

Army Strat. Series. Sketch Map attached.

Objects of Patrol (1) Census Revision of ONGA Sub-Division.

(2) Payment of W. D. C. in AMARI Sub-Division.

(3) General Administration.

DIRECTOR OF DISTRICT SERVICES  
AND NATIVE AFFAIRS,  
PORT MORESBY.

Forwarded, please.

District Commissioner

Amount Paid for War Damage Compensation ... £ 2429/15/6d.

Amount Paid from D.N.E. Trust Fund ... £ ----

Amount Paid from P.E.D.P. Trust Fund ... £ ----

Personal file number 5.3.55

1911 1955

Year. 1954/1955.

# Village Popul

ONGA SUB-DIVISION.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIG			
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	
INTOAP	Dec. 6th.	4	3	1		1										1	2		
PUGUAP	"	3					1									1			
YATSING	7th.	1	1					2	1							1	1		
ITSINGANTS	"	2	3							1									
GURUF	"	1	1		1			1								1	1		
YANUP	8th.																		
GNAROWEIN	"	4	5	1												2	1		
BAMPA	9th.															2	1		
ANTIR	"	5	3	1				1								2		1	3
SIATS	10th.	4	2	1	1											1			1
NARUBOIN	"	1	3			2							1						
ONGA	"	4	5	3	1						1				2	2			1
AWAN	"	4	4					1							2				1
<b>TOTALS.</b>	<b>1954</b>	<b>35</b>	<b>33</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>8</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>6</b>
<b>SINGAS</b>		<b>AMARI SUB-DIVISION.</b>																	
ANTINGURIN	April 29th	11	6	1		4	1	2	1		1				5	5			
RAGIAMPUN	"	15	14	2	3	5	4	2							3	1			
RAGITJUMANG	28th.	9	7	2		2		1							1	3			
RAGINAM	"	20	19		2	4	3	2	2		1	1			6	2			
WANKUN	27th.	12	10	1		4	4		3	1					5	4			
MARASASSA	22nd.	6	4	1	1		1	2							1	2			
MARAWASSA	"	16	12	3	2	1		3	3						3	3			
RAGITSARIA	23rd.	11	16		1	3	1	3	4	1					3	6			
ATSUNAS	"	9	13			2									2	3			
GNARATOMA	27th.	11	12			3	1	2			1				2	2			
WARITSIAN	26th.	12	1	3	2	5	1								3	1	1	1	
<b>TOTALS.</b>		<b>132</b>	<b>138</b>	<b>11</b>	<b>12</b>	<b>30</b>	<b>20</b>	<b>18</b>	<b>13</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>-</b>	<b>34</b>	<b>32</b>	<b>1</b>	<b>3</b>		

30-9-218

25th January, 1955

The District Commissioner,  
Morobe District,  
LAE.

Patrol Report KALAPIT No. 3 of 1954/55

This Patrol Report has been read with interest. With one Officer stationed at Kalapit it is certainly not possible to give the area the attention one would like to see. It is to be hoped that when more staff becomes available, further patrolling with medical assistance, will help to educate these people to become more progressive and cause them to look to the future of their race.

With the good land available these people should be able to grow sufficient for their own needs and have enough over for sale.

It will be very interesting to see the outcome of the rice project and the planting of coconuts. More time will be available for general supervision when all War Damage claims are finally completed.

Mr. Calder appears to have carried out quite a good Patrol.

The paragraph on the alleged birth control has been passed to the Anthropologist and together with the medical notes has been forwarded to the Department of Public Health.

Items of interest to the Department of Agriculture have been forwarded to them.

(P/A)

A.A.R.  
(A.A. Roberts),  
Director, D.D.S.M.A., 25.1.55.

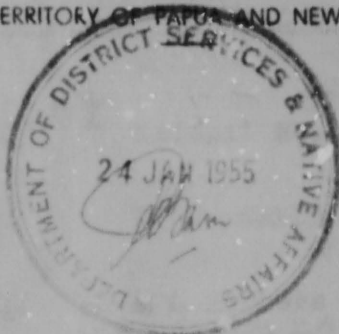


30/9/218



TERRITORY OF PAPUA AND NEW GUINEA

HLRN.RD.



In Reply  
Please Quote

No. DS.30.3.19

District of Morobe,  
Headquarters,  
L.A.E.

19th January, 1955.

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

PATROL REPORT - KAIAPIT NO. 3 OF  
1954/55.

Attached are copies of a Patrol Report submitted by Patrol Officer D. G. Calder, O.I.C. Kaiapit Patrol Post, covering a patrol on the Onga and Amari Sub-Divisions, which are near the headwaters of the Markham River.

Generally speaking, conditions in these areas are satisfactory and the natives are living their normal lives. Census figures are remaining stationary though I do consider that with the regular patrolling and the treatment given by the Medical Assistant, population should show a greater increase.

When the main Markham Road is constructed up the Valley, and it should reach these areas in approximately four years' time, I foresee considerable development which should be of interest to the natives. The land in their vicinity is ideal for European farming and there is plenty available.

This almost completes the payment of War Damage Compensation in the Markham area, and no new claims will be entertained in future.

Mr. ~~Calder~~ continues to carry out regular and efficient patrolling and distinct improvement is seen in the whole of the Kaiapit area.

(H.L.R. Niall)  
DISTRICT COMMISSIONER.

TERRITORY OF PAPUA AND NEW GUINEA.

DISTRICT OF MORCEB.

KAIAPIT.

PATROL REPORT.

REPORT NUMBER.

Kaiapit No. 3-1954/1955.

PATROL CONDUCTED BY.

D. G. CALDER, PATROL OFFICER.

PERSONNEL ACCOMPANYING.

4 Members of R.P. & N.G.C. as follows:  
No. 6138 PA L/Cpl. KIGARE.  
No. 3558 Const. OITEIRA.  
No. 6936 " MAIRONG.  
No. 5127 " YAINGON.

1 N. M. A.

1 Personal Servant.

AREA PATROLLED.

ONGA & AMARI CENSUS Sub-Divisions.

MAP REFERENCE.

2033 Markham 4 Mile Army Strat. Series.  
Sketch attached.

DURATION OF PATROL.

From 6th. December, 1954 to 17th. December  
1954.

NUMBER OF DAYS SPENT ON PATROL.

12 days.

OBJECTS OF PATROL.

- (1) Census Revision of ONGA Sub-Division.
- (2) Payment of W.D.C. in AMARI area.
- (3) General Administration.

*D. G. Calder*

D. G. Calder,  
Patrol Officer.

INTRODUCTION.

This patrol was conducted to revise the census in the ONGA area and to pay War Damage Compensation in the AMARI area. The areas visited are well settled and the people have a thin veneer of so-called sophistication.

The ONGA area was last visited by a District Service's patrol in 2 January, 1954, and the AMARI area in April, 1954, but no patrol report was compiled for the AMARI patrol. The census for AMARI was revised in April, 1954, and the statistics were collected by this patrol and are attached hereto. No new revision of census was taken in this area.

An amount of £2429/15/6d. was paid out in War Damage Compensation to villages in the AMARI area, thus completing the bulk of Claims in the Kaiapit Sub-district, except for Claims of men who are at present away at work.

DIARY.December, 6th.

Departed station at 8 am. Arrived ULULI at 9.10 am. Arrived MUTSING at 10 am. Forded Markham River, which is in flood. Arrived INTOAP at 11 am. Census taken and village inspected. Proceeded to PUGUAP. Road completely under a foot of water. Census taken and village inspected. Returned to INTOAP. Minor matters settled.

December, 7th.

Departed INTOAP at 7.45 am. Roads are completely flooded. Passed thru' PUGUAP at 8.15 am. Arrived YATSING at 9.30 am. Census taken and village inspected. Departed at 11.5 am. Proceeded to ITSINGANTS, arriving 11.30 am. Census taken and village inspected. Departed 12.30 pm. Arrived GURUF at 1.10 pm. Census taken and village inspected. Minor matters. Village Officials from SIAGA, WAFFA River, reported to patrol.

December, 8th.

Delayed by rain. Departed 8.15 am. Arrived YANUF at 8.45 am. Census taken and village inspected. Departed 9.35 am. and arrived GNAROWEIN at 10.10 am. Census taken and village inspected. Discussions with Village Officials. Complaint heard.

December, 9th.

Departed GNAROWEIN at 7.45 am. Ascended by very bad road to BAMPA, arriving 11.50 am. Census taken and village inspected. Departed 1.5 pm. Followed kunai hills, and arrived ANTIR at 2.20 pm. Census taken and village inspected. Minor matters.

December, 10th.

Departed ANTIR at 7.45 am. Followed precipitous road and arrived SIATF at 8.45 am. Census taken and village inspected. Departed 10 am. Descended to WANTUN River. Forded and arrived NARUBOIN at 11 am. Census taken and village inspected. Departed 12.10 pm. Arrived ONGA at 12.20 pm. Census taken and village inspected. Departed 2.30 pm. and proceeded to AWAN, arriving 3 pm. Census taken and village inspected. Departed 4.15 pm. Crossed WANTUN River and arrived SINGAS at 4.35 pm. Census taken and village inspected. Departed 5.40 pm. and returned to ONGA.

December, 11th.

Departed ONGA at 7.50 am. Followed up Markham River. Arrived NARWIA at 9.40 am. A small hamlet of ARIFIRAN. Forded Markham River several times, owing to road having fallen away. Arrived ANGA village at 11.40 am. Discussions with Village Officials. Talks with some Finchshafen natives, who are prospecting in the area.

December, 12th.

Departed ANGA at 7.45 am. and followed up Markham River. Arrived BIRING, a small hamlet of ANTIRAGEN, at 9.40 am. Met by Luluai of ANTIRAGEN with replacement carriers. Continued on at 10.15 am. Forded YATI River, and arrived ANTINGURIN (AMARI area), at 11.40 am.

December, 13th.

Village of ANTINGURIN inspected and medical inspection held. Departed 9.15 am. and arrived RAGIAMPUN village at 9.30 am. Village inspected and medical inspection held. W. D. C. paid. Departed 12.45 pm. Passed thru' RAGITSUMANG and arrived RAGINAM village at 1 pm. Lunch. Inspected RAGITSUMANG during afternoon and W.D.C. paid. Returned to RAGINAM.

December, 14th.

One policeman despatched to inspect the GUSAP/KAINANTU ROAD. Inspected RAGINAM and medical inspection held. Paid W.D.C. Disputes over land and pig trespass settled in afternoon.

December, 15th.

Departed 7.45 am. Inspected RAGINAM NO.2., WANKUN, MARASASSA and MARAWASSA villages. Medical inspections held. No complaints. Inspected clinic at MARASASSA. Arrived RAGITSARIA village at 12.5 pm. Village inspected and medical inspection held. Orders for improvement of houses, given on my last visit in September, checked on and all had been carried out satisfactorily. Paid W. D. C. Paid W.D.C. to natives of UMI Headwaters villages who had assembled here. Complaints heard.

December, 16th.

One policeman despatched to supervise cleaning of the KAINANTU road by the people of RAGINAM No.2., WANKUN and MARASASSA villages. Surveyed site of new T.A.L. for Mr. D.R. McBeath at WATER RAIS. Departed and proceeded ATUNAS, arriving 11.30 am. Lunch. Village inspected and medical inspection held. W. D. C. paid. Paid £27 to Village Officials of MARASASSA, WANKUN & RAGINAM NO.2. villages, being quarterly pay for maintaining their sections of KAINANTU road.

Reported December, 17th.

Departed ATUNAS at 7.45 am. Crossed BINTIA Creek and arrived GNARATOMA at 8.5 am. Village inspected and medical inspection held. Departed at 8.35 am. and arrived WARITSIAN at 9.5 am. Village inspected and medical inspection held. Complaints heard. Departed 10.30 am. Arrived ANTINGURIN at 11.30 am. Departed 12 am. Forded UMI River, which was in flood and chest high. Arrived station at 3 pm.

END OF DIARY.

NATIVE AFFAIRS.

Native affairs in both the areas visited appear to be very quiet, and only minor disputes over women and ground were reported to the patrol. These were all settled amicably.

The people of these two groups speak the same language and ~~and~~ have the same customs in most respects. The exception being that the AMARI group still practise the "brother-sister" exchange as a means of obtaining wives, whereas the ONGA group have abandoned this ~~this~~ custom in favour of buying their wives with money, pigs etc. This custom of the AMARI people of "sister" exchange has all the disadvantages found in other areas, where it is also practised, and there are perpetual squabbles going on in the area over women, with resultant ill-feeling. That such a custom is still being practised in an area as highly sophisticated as the AMARI, is most surprising, as

NATIVE AFFAIRS Cont'd.

These people are highly money conscious, shrewd more than intelligent, and prefer to obtain their money without manual labour. Consequently trade stores are numerous in this area, in all six were inspected by the patrol.

A cause for concern in the ONGA area is the number of childless marriages in the villages of GURUF, GNAROWEIN and BAMP. GURUF AND BAMP in particular, have the lowest percentage size of family in the whole of the sub-district, being only .7 each. This matter was discussed in these villages, and the men, having rather humourously pointed out that they were doing their utmost, blamed the women for deliberately making themselves sterile by eating certain herbs found in the bush. After investigation one woman of GNAROWEIN admitted giving a potion made from these herbs to 12 women of her village with the object of making them sterile. Samples of these herbs were obtained with the object of forwarding them for analysis, but after being carried throughout the AMARI area, they are now so dried out as to be unsuitable for analysis. The samples taken were being merely the leaf of the bush pandanus and the leaf of a tree creeper. The woman alleges she boils these leaves and gives the resultant potion to the women, who desire to become sterile, to drink. I myself, do not believe that the potion can cause sterility as claimed, but obviously there must be some cause for such unusual sterility in these three villages only. The theory of a high malarial content in the blood causing sterility does not appear likely here, as other nearby villages in the area are not affected by this sterility. I have entertained the thought of psychologically induced sterility - that is to say, that women drink this potion and firmly believe, without reservations or doubts, that they are now sterile and immune from pregnancy, and this fixed belief may affect the body's natural functions. Whether such a thing is possible or not is a matter for conjecture. However with this in mind, and at the request of the Village Officials, no court action was taken against this woman, also in view of her age, and she has been ordered to undo her "spells" and make these 12 women fertile again. This she has promised to do and the results, if any, will be most interesting. This theory of psychologically induced sterility may sound ridiculous, but knowing the native fear and sincere belief in the power of sorcery, handed down through the generations, it may just be possible.

Some 45 Finchhafen natives are at present working mines in the ONGA area. Forty of these natives are reported to be working silver at the headwaters of YANUF Creek, and the other five are said to be mining gold at the headwaters of the WANTON River. These figures have been obtained from 4 Finchhafen natives, whom the patrol met by accident at ANGA village. All ore won is sold at Kainantu, I believe. The native, BOSSUNDI of MARKAJETS village, Finchhafen, is said to be charge of both operations.

All villages in both areas have been told to start collecting seed coconuts to a total of 50 per man, and when collected in about 6 weeks time, a start will be made on planting them out with the eventual view of copra production.

Several requests for War Medals were made to the patrol, and these requests will be forwarded on the District Commissioner.

VILLAGES AND HOUSING.

The villages of ONGA area were clean and tidy, and houses for the most part were of good construction, a distinct improvement on the ATZERA houses. However there were some houses built on the ground with walls of driftwood, after the ATZERA style. All owners of such houses have been ordered to erect houses on piles within three months, with walls of either planks, plaited bamboo or sago braches. I can see no excuse for an area like this, after 20 years of Government influence, to have such hovels to live in. The general plea is a shortage of timber, but the real reason is laziness to walk an extra mile or so to obtain decent timber.

The AMARI villages were also neat and tidy, but many orders for improvement of houses were necessary. The standard of the AMARI houses was far below that of the ONGA area, with perhaps the exception of RAGITSARIA village, where for the most part good houses on piles have been erected. This village was inspected on my Patrol No. 1-54/5 and orders given then for repair of houses were checked on and found to have been carried out.

ROADS AND BRIDGES.

There are no vehicular roads in the ONGA area, and the village tracks ~~are~~ were for the most part in good order and condition. The road from INTOAP to PUGUAP was flooded with from one to two feet of water, making walking very unpleasant. It was possible to use a bicycle on the roads from PUGUAP to GNAROWEIN. The road from GNAROWEIN to NARUBOIN over the mountains was poor, and in fact dangerous, with sheer rock faces to be traversed in the GNAROWEIN and NARUBOIN portions. A requisition for tools has been put in to the District Commissioner, and as soon as these are forthcoming, these sections of the road can be made safe for pedestrian traffic. The road from BAMPA to SIATS follows over kunai covered mountains, and was well cut but ungraded. The villages having taken the easy course of merely cutting the grass and letting the road follow the ridges of the mountains. These villages have been instructed to grade and cut their roads, and a policeman sent to supervise the work has since reported that they have completed this work. As soon as the GNAROWEIN and NARUBOIN sections are improved, then this road will be satisfactory.

Bridges in the ONGA area are quite good and suitable for pedestrian traffic. Bridges are fairly numerous in the area, as there are many swift flowing streams to be crossed.

Roads in the AMARI area were quite satisfactory and in good condition. There is one vehicular road in this area, and that is the Lae-GUSAP and Kainantu road. This road was also in good repair. A policeman was sent to inspect the WATER RAIS - KAINANTU road, which is being maintained by SOME AMARI villages. After they had cleaned the road again under police supervision, the villages of RAGINAM No.2, WANKUN, and MARAWASSA were paid the sum of £27., which has been allocated by the District Commissioner, Goroka, as their quarterly pay for maintaining their section of this road.

A bicycle was used by the writer throughout the AMARI area, and except for one or two swampy stretches, it was quite satisfactory.

There is only one bridge in this area, suitable for vehicular traffic, and that is at WATER RAIS. The people of RAGITSARIA were instructed to replace one of the bearers of this bridge. There are several well made foot-bridges and these are in good repair.

VILLAGE OFFICIALS.

The Village Officials of the ONGA area are doing quite a fair job, which is more than can be said for those of the ATZERA area. They all appear keen and eager, but like most Markham Officials their eagerness and keeness seems reserved for patrol occasions only. The best Official in the ONGA area is Luluai YATSUP of ONGA village. This man served our troops most faithfully during the war, and has testimonials to that effect, now he is the most diligent Official in the whole Markham Sub-district.

The AMARI Officials are mediocre and are very unimpressive. They have been informed that an improvement is desired in their work or else some changes will have to be made.

The following provisional appointments were made to fill vacancies :

<u>NAME.</u>	<u>POSITION.</u>	<u>VILLAGE.</u>	<u>REASON FOR VACANCY.</u>
PURAN	Luluai	INTOAP	RUGUM resigned old age.
MURU	Tultul	"	ANTUN dismissed.
BARABIN	Luluai	YATSING	MUMUNTS in gaol.
MAKAIUNG	Tultul	"	BIMFA deceased.
<del>ENNEK</del> NANGAN	Tultul	GURUF	NARA resigned.
ITAF	Luluai	BAMPA	MOATSIR resigned.
AMURARUAN	Tultul	SIATS	NAFINU resigned.
GAMAGIM	Tultul	NARUBOIN	WANGIEN in gaol.
YATSUP	Luluai	ONGA	BANGIMANA dismissed.
SUBUN	Tultul	"	YATSUP to Luluai.
ITU	Tultul	MARAWASSA	APU resigned.
WANDA	Tultul	MARAWASSA	NAFA in gaol.

Whilst the patrol was at GURUF village, Village Officials from SIAGA village, WAPFA River area reported, and they were informed their area is now under the administration of MUMENG Patrol Post.

AGRICULTURE AND LIVESTOCK.

The staple diet of both the ONGA and AMARI areas is bananas, although in the ONGA area the people have planted small areas of sweet potato, taro and sugarcane. Wild sago is also abundant in the Lower ONGA area.

Some men of GURUF and GNAROWEIN villages have planted large gardens of peanuts, and they raft their produce down the Markham River to Lae.

Men of ANTINGURIN and WANKUN villages in the AMARI are cultivating rice and they report that their crops are doing well. One Bentall Rice Huller has been purchased by ANTINGURIN village and the men of WANKUN made inquiries of obtaining one from the patrol. Rice growing will be encouraged in both areas, as the cultivation of peanuts is not a profitable concern owing to the low price being offered.

Pigs are plentiful in all villages and fowls, while not being as numerous as pigs, were in evidence in all villages.

EDUCATION & MISSIONS.

There are Mission schools in all villages visited, though these were closed for the Xmas holidays at the time of the patrol and all the teachers were attending a Mission Conference at HOPOL. The schools are controlled by the Lutheran Mission under the charge of Mr. A. Koschade at Kaiapit. All teaching is done in the Yabum tongue and the standard of education offering at these schools is not high, owing to the limitations of the teachers.

There are 11 children from ONGA area and 10 from the AMARI area enrolled at the recently established Administration School at Kaiapit, where English is taught. At present this school is also closed for the Xmas break and is expected to re-open on the 21st. January, 1955.

There is only one mission operating in the area, and that is the Lutheran Mission with its headquarters at Kaiapit. Religion plays a big part in the life of these Markham people, that is outwardly it does, as to the depths of their sincerity I have my doubts.

MEDICAL & HEALTH.

Medical inspections were carried out in all villages and numerous cases of yaws and tropical ulcers were directed to the respective clinics.

Clinics have been established at GURUF and ONGA in the ONGA area, and at MARASASSA in the AMARI area. All clinics were inspected and appear to be functioning properly. I consider that the large population in the AMARI area warrants the establishment of another clinic and the matter has been taken up with the E.M.A. at Kaiapit.

The last medical inspection of the ONGA area was made by an E.M.A. in September, 1954, and the last medical patrol in the AMARI area was in April, 1953.

CENSUS.

The census was revised in the ONGA area and Population Registers are attached. Statistics show that 32% of A.B. males are absent from their villages at work, but the majority of these are working inside the district. As mentioned earlier there are a number of childless marriages at GURUF and GNAROWEIN villages, and BAMPAM village appears to be peopled by middle-aged childless couples, with no children growing up to take their places. There are 9 male and 4 female children in this small village, pop. 66, so a big decrease in population can be expected in future years, when the present childless generation dies.

Population Registers of the AMARI area are attached. This area was censused by Mr. Graham-Duffy P/O in April, 1954, but no Patrol Report or Statistics were submitted. The figures have been collected from the village Books and are forwarded herewith. These figures show that 41% of the A.B. males of this area are absent at work, but no recommendations for closure will be made, until the census is revised again in April, 1955 and the position reviewed.

WAR DAMAGE COMPENSATION.

A total of £ 2429/15/6d. was paid out in War Damage Compensation to villages of the AMARI area, thus completing the majority of Claims for the Kaiapit Sub-District, except for a few Claims of men who are at present absent from their villages.

ANTHROPOLOGICAL.

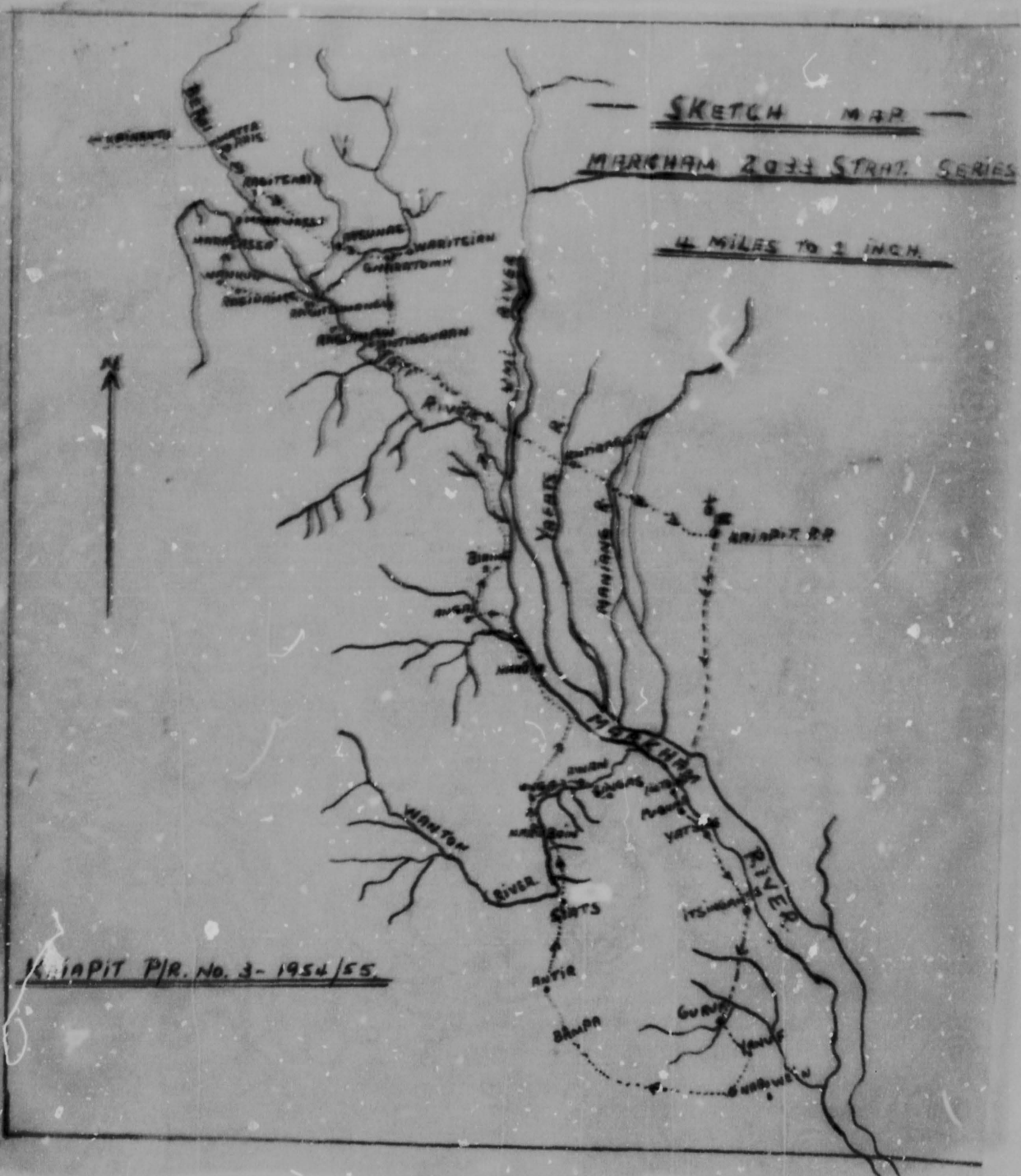
Nothing of interest in this respect was noted on the patrol.

*D. C. Calder*

D. C. Calder,  
Patrol Officer,  
Kaiapit.

9/1/55.





# VILLAGE POPULATION REGISTER

Year...1954.....

ONGA SUB-DIVISION.

Govt. Print.—4591/18.52.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS										MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL								
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		AT WORK		STUDENTS		Males		Females		Pregnant	Number of Child-bearing age	Child			Adults							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F			M	F	M	F	M	F					
		1954		M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F		M	
INTOAP	Dec. 6th.	4	3	1	1							1	2			1	6	3	8					5	36	3	31	1	27	1.4	23	13	27	37	117						
PUGUAP	"	3			1							1				7	2	2	1	1				3	32	2	32	-	26	1.3	17	17	27	37	111						
YATSING	7th.	1	1			2	1					1	1			8	1	3						2	33	3	33	-	24	1.1	20	15	26	35	108						
ITSINGANTS	"	2	3					1								9	1	1						2	1	19	-	13	1.8	12	18	21	20	82							
GURUF	"	1	1	1		1						1	1		1	19	8	18		1				2	69	11	52	1	33	.7	13	23	44	66	192						
YANUF	8th.															1	5	1	1					3	18	5	16	1	14	1.1	9	10	14	18	59						
GNAROWEIN	"	4	5	1								2	1			1	6	4		2				14	48	5	47	1	46	1.5	27	26	42	56	163						
BAMPA	9th.											2	1			2	4	2		1				1	21	1	23	1	16	.7	9	4	23	23	66						
ANTIP	"	5	3	1		1						2				1	3	1	1	1	1	2	1	9	49	4	40	7	31	1.8	30	23	51	46	162						
SIATS	10th.	4	2	1	1							1				1	6	2						4	30	4	21	3	16	1.8	16	16	26	26	92						
NIKUBOIN	"	1	3		2					1						1	14	3	1					10	55	4	41	5	34	1.4	26	23	44	50	161						
ONGA	"	4	5	3	1				1			2	2			1	23	2	5		2			11	74	8	54	7	42	1.3	38	27	58	68	223						
AWAN	"	4	4			1						2				1	5	3						4	46	2	29	3	26	1.3	21	18	46	44	137						
SINGAS	"	2	3	1	1							2				1	15	3	1					6	41	4	35	1	26	1.2	18	23	33	42	135						
<b>TOTALS</b>		<b>35</b>	<b>33</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>16</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>130</b>	<b>235</b>	<b>3</b>	<b>8</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>74</b>	<b>580</b>	<b>574</b>	<b>73</b>	<b>31</b>	<b>374</b>	<b>-</b>	<b>279</b>	<b>256</b>	<b>482</b>	<b>568</b>	<b>1808</b>					

(1808)

# VILLAGE POPULATION REGISTER

 Year 1954
AMARI CENSUS SUB-DIVISION.

Govt. Print.—4291/16.52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK STUDENTS				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL										
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		In		Out		Inside District		Outside District		Govt.		Mission			Males		Females			Pregnant Number of Child-bearing age	Child		Adults						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F					
		1954.	1954.	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ANTINOURAN	April, 29th.	11	6	1	4	1	2	1	1			3	5					5	22	1								15	56	7	47	5	48	1.432	26	43	62	191							
RAGIAMPUN	"	15	14	2	3	5	4	2				1	3	1	1	13	7	26	2									22	77	11	55	4	55	1.645	32	64	68	257							
RAGITSUMANG	28th.	9	7	2	2		1					1	3			7	2	20										28	59	13	65	3	62	1.5	42	43	45	77	236						
RAGIHAN	"	20	19	2	4	3	2	2		1	1	6	2	1	2	18	2	38	1			1				1	94	113	181	103	4	99	1.588	55	90	127	420								
WANKUN	27th.	12	10	1	4	4		3	1			5	4			20	2	12										32	72	16	74	7	69	1.457	49	63	86	289							
MARASAPSA	22nd.	6	4	1	1	1	2					1	2			2	2		1									19	31	8	31	1	31	2.2	25	17	32	35	115						
MARAWASSA	"	16	12	3	2	1	3	3				3	3			4	2	4	1			1				1	25	64	12	65	4	66	1.4	48	46	67	69	242							
RAGITSARIA	23rd.	11	16	1	3	1	3	4	1			3	6	1	1	9	2	14	3									35	84	18	86	7	92	1.3	69	65	83	105	346						
ATSUNAS	"	9	13		2							2	3	1		14	8	6				1						36	67	13	65	5	65	1.654	47	63	72	265							
GHARATOMA	27th.	11	12		3	1	2			1		2	2			37	17	21	3									42	75	9	69	2	71	1.555	38	46	72	289							
WARITSIAN	26th.	12	25	1	3	2	5	1				3	1	1	1	1	16	1	9	1	2			11				34	79	15	71	2	73	1.8	56	59	61	82	298.						
<b>TOTALS.</b>		132	138	11	12	30	20	18	13	2	3	2	3	3	3	143	317	11	4	13	13	42	77	14	731	44	731	-	56	74	77	65	78	52	2948										

(2948)

# ation Register

Area Patrolled... **ONGA & AMARI SUB-DIVISIONS.**

ATIONS		ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL
		AT WORK				STUDENTS				Males		Females		Pregnant	Number of Child Bearing AGE	Average Size of Family	Child		Adults		
M	F	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45							M	F
	1	6	3	8						5	36	3	31	1	27	1.4	23	13	27	37	117
		7	2	2	1	1				3	32	2	32	-	26	1.3	17	17	27	37	111
		8	1	3						2	33	3	33	-	24	1.1	20	15	26	35	108
		9	1	1							28	1	19	-	13	1.8	12	18	21	20	82
1		19	8	18			1			2	65	11	52	1	33	.7	13	23	44	66	192
		1		5	1	1				3	18	5	16	1	14	1.1	9	10	14	18	59
	1	6		4		2				14	48	5	47	1	46	1.5	27	26	42	56	163
	2	4	2			1				1	21	1	23	1	16	.7	9	4	23	23	66
	1	7	1	1		2		1		9	49	4	40	7	31	1.8	30	23	51	46	162
	1	6		2						4	30	4	21	3	16	1.8	16	16	26	26	92
	1	14		3	1					10	55	4	41	5	34	1.4	26	23	44	50	161
		23	2	5				2		11	74	8	54	7	42	1.3	38	27	58	68	223
		5		3						4	46	2	29	3	26	1.3	21	18	46	44	137
1		15	3	1						6	41	4	35	1	26	1.2	18	23	33	42	135
8		130	23	56	3	8		3		74	580	57	473	31	374	-	279	256	482	568	1898.
		5		22	1					15	56	7	47	5	48	1.4	32	26	43	62	191
1	1	13	7	26	2					22	77	11	55	4	55	1.6	45	32	64	68	257
		7	2	20						28	59	13	65	3	62	1.5	42	43	45	77	236
1	2	18	2	38		1		1		54	113	10	103	4	99	1.5	88	55	90	127	420
		20	2	12						32	72	16	74	7	69	1.4	57	49	63	86	289
		2		2		1				19	31	8	31	1	31	1.2	25	17	32	35	115
		4	2	4	1			1		25	64	12	65	4	66	1.4	48	46	67	69	242
1		9	2	14	3					35	84	18	86	7	92	1.3	65	65	83	105	346
		14	8	6				1		36	67	13	65	5	65	1.6	54	47	63	72	265
		37	17	21	3					42	75	9	69	2	71	1.5	55	38	46	72	289
		16	1	9	1	2		11		34	79	15	71	2	73	1.8	56	59	61	82	298
2	5	145	43	174	11	4		13	1	342	777	140	731	44	731	-	567	477	657	855	2948

D.D.S



TERRITORY OF PAPUA AND NEW GUINEA.

# PATROL REPORT

District of MOROB. Report No. KALAPIT NO: 4-1954/55.

Patrol Conducted by D. G. CALDER, PATROL OFFICER.

Area Patrolled IRUMU CENSUS SUB-DIVISION.

Patrol Accompanied by Europeans Nil.

Natives 8

Duration—From 7/2/1955 to 19/2/1955

Number of Days 13.

Did Medical Assistant Accompany? No.

Last Patrol to Area by—District Services March /19 54

Medical ... August /19 52

Map Reference 2033 MARKHAM 4 MILE ARMY STRAT. SERIES. SKETCH ATTACHED.

Objects of Patrol (1) CENSUS REVISION (2) ROUTINE ADMINISTRATION  
(3) ENCOURAGE COFFEE PLANTING.

DIRECTOR OF DISTRICT SERVICES  
AND NATIVE AFFAIRS,  
PORT MORESBY.

Forwarded, please.

19/3/1955.

*H. L. R. Niall,*  
District Commissioner *JAG*

Amount Paid for War Damage Compensation ... £ Nil.

Amount Paid from D.N.E. Trust Fund ... £ Nil.

Amount Paid from P.E.D.P. Trust Fund ... £ Nil.

# Village Popul

Year... 1955.

IRUMU SUB-DIVISION.

VILLAGE	D./TE OF CENSUS	BIRTHS		DEATHS												MIGR			
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13				Females in Child Birth	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F				
	1955																		
IRUMU	Febr. 9th.	4	1				1										1		1
SIARA	10th.		4				1				1								
MAMA	11th.	2	2				1 1				1						1		1
BOGEBE	12th.	2	2	2	1				1 1		1						1		1
ZUEIBAK	13th.	2					1 1		1				1				1		1
DAKU	14th.	4	3						1 4				2		1		1 1		
ARET	"	1	2						1 1								1		
UYANGEN	15th.	1	1								1 2		1						
DAGAMAN	"	3	3						1 3		2 1						1 1		
DURAK	"		1				1		1 1		2		1				1		1
KAWAN	"	3	2						1 5		3 1		1				1		
GUMI	16th.	2	4	1					1 1 1								1 1		1 1
GARAMBOIN	"	2	2	1			1				2 1		2		1		1		
SIMBONGA	"	2	1														1		1
<b>TOTALS.</b>		<b>28</b>	<b>28</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>19</b>	<b>14</b>	<b>4</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>11</b>		<b>1</b>		<b>7</b>

25th March, 1955.

The District Commissioner,  
Morobe District,  
L A E.

PATROL REPORT NO. 4 - KAIAPIT 1954/55.

Mr. Calder's Report has been received.

This area appears to be rather backward and will need watching. The coffee project will need careful supervision if it is to be successful. It certainly is a good move to introduce crops which will give a good return for their work.

I agree with your remarks contained in paragraph 3 of your covering letter. I know the Missions are rather touchy, but I suppose you will discuss this subject with them.

From Mr. Calders remarks a Medical patrol is urgently needed in the area. The death rate is very high, especially among the children. This is being brought to the notice of the Director of Public Health.

Remarks concerning other Departments have been passed to those concerned.

*6/11*  
*6/11*

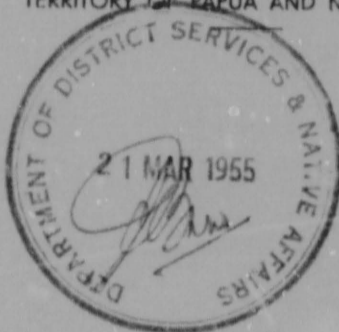
*Personal file noted*  
*Am*

*A.A. Roberts*  
(A.A. Roberts)  
*W.R.*  
Director, D.D.S. & N.A.



TERRITORY OF PAPUA AND NEW GUINEA

30/9/28 ✓



In Reply  
Please Quote  
No. 30.3.20  
District Office,  
Lae.

HPS.ECW.

16th March, 1955.

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

PATROL REPORT NO. 4 - KAIAPIT 1954/55.  
PATROL OFFICER CALDER.

I forward copies of the above quoted patrol report by Patrol Officer Calder during a 13-day inspection of the IRUMU Sub-Division.

It is almost a year since Mr. Giffard patrolled this group and there is little or no improvement in the conditions noted in this late report which Mr. Calder has submitted.

The practice of combining villages for Mission purposes has been noted in other Sub-divisions and is considered not to be in the best interests of the natives concerned, both from a sanitation point of view and from the aspect of breaking down of native customs of leadership of the combined villages.

I have arranged for a team of natives trained in coffee planting to go to the IRUMU area at the end of this month, and it is hoped that we will be able to plant 2 or 3 acres of coffee for each village in an endeavour to provide some future wealth for impoverished community.

I have requested the District Medical Officer to send a Medical patrol into this area at the earliest convenient opportunity. This request was made to the District Medical Officer following last years patrol, but to date none has been sent. I now feel this medical patrol is a matter of urgency as the overall population of the group shows a decrease of 27 in the past year and there are 64 deaths of children recorded since the last census.

*H.L. Niall*  
(H.L.R. Niall)  
DISTRICT COMMISSIONER.

*See [initials]*



TERRITORY OF PAPUA AND NEW GUINEA.

DISTRICT OF MOROBE.

KAIAPIT.

PATROL REPORT.

REPORT NUMBER.

Kaiapit No. 4-1954/1955.

PATROL CONDUCTED BY :

D. G. CALDER, PATROL OFFICER.

PERSONNEL ACCOMPANYING :

6 members of R. P. & N. G. C. as follows :

No. 6138PA	L/Cpl.	KIGARE
No. 3558	Const.	OITSIRA
No. 5127	"	YAINGON
No. 6110PA	"	YAGVI
No. 7432	"	MARI
No. 8833	"	RUTUA.

1 N. M. A.

1 Personal Servant.

AREA PATROLLED :

IRUMI SUB-DIVISION , LAE SUB-DISTRICT.

M.P. REFERENCE :

2033 Markham 4 Mile Army Strat. Series.  
Sketch attached.

DURATION OF PATROL :


From 7th. February, 1955 to 19th. February,  
1955.

NUMBER OF DAYS SPENT ON PATROL.

13 days.

OBJECTS OF PATROL.

- (1) Census Revision.
- (2) Routine Administration.
- (3) Encourage coffee planting.

  
D. G. Calder,  
Patrol Officer.

INTRODUCTION.

The area patrolled is situated North of the Markham River, between the Leron and ERAP Rivers, and is actually in the Lae Sub-District. However, this patrol was carried out from Kaiapit at the request of the A.D.O. Lae.

The population belt commences about 18 miles from the mouth of the RUMU River and extends to its headwaters at the Saruwaged Range. The people of the headwaters villages are still rather backward and pidgin speakers are few and far between.

The area was last patrolled by Mr. C.P.O. Giffard in March, 1954. The last medical patrol to the area was in August, 1952.

DIARY.February, 7th.

Departed Kaiapit at 7.40 am. Arrived SANGAN at 10/30 am. Changed carriers. Forded Leron River at 12.40 pm. Arrived SASIANG plantation at 3 pm. Patrol here for the night.

February, 8th.

Departed Sasiang at 7.10 am. Arrived at trade store at SAFIL at 8.25 am. Continued on at 8.45 am. Forded RUMU River and followed a dried up river bed. Followed a hunting track through 8' kunai and arrived TERERAN at 11.50 am. Village Officials of CHIVASING had assembled here. Land dispute between these and the SANGAN people settled in afternoon.

February, 9th.

Departed TERERAN at 7.10 am. Followed up RUMU River. Arrived IRUMU village at 9.10 am. Census taken and village inspected. Discussions with V/Os. Rain during night.

February, 10th.

Departed 7.25 am. and followed up RUMU River. Arrived SIARA at 8.40 am. Village inspected and census taken. Discussions with V/Os.

February 11th.

Departed 7.25 am. and followed up RUMU River. Forded and re-forded. Arrived at new village of MAMA at 10.35 am. Census taken and village inspected. Discussions with V/Os.

February, 12th.

Departed 7.25 am. Crossed and re-crossed RUMU River by native bridges. Ascended to BOGEBE (3050'), arriving at 9.50 am. Census taken and village inspected. Discussions with Village Officials. One C.N.A. held.

February, 13th.

Departed 7.30 am. Ascended to 4250' and descended to ZUEIBAK (3800'), arriving 11.50 am. Village inspected and census taken. Rain during afternoon.

February, 14th.

Departed 7.35 am. and proceeded to DAKU (3800') arriving 8.5 am. Census taken and village inspected. Continued on at 9.50 am. Arrived ARET (4625') at 10.50 am. Census taken and village inspected. Heavy rain during afternoon.

February, 15th.

Departed 7.45 am. Descended to UYANGEN (4100').

February, 15th. Cont'd.

Arriving 8.10 am. Census taken and village inspected. Departed 9.25 am and ascended to DAGAMAN group (4820') arriving 10.30 am. Census taken of the combined villages of DAGAMAN, DURAK and KAWAN. Villages inspected. Discussions with Village Officials. Rain during afternoon.

February, 16th.

Departed 7.25 am. Descended to and crossed RUMU River. Ascended to GUMI-GARAMBOIN group (4420') arriving 8.55 am. Census taken of GUMI, GARAMBOIN and SIMBONGA villages. Villages inspected. Discussions with Village Officials. One P/B sent to ZUIEBAK to apprehend absconder from census.

February, 17th.

Departed GUMI-GARAMBOIN at 6.35 am. Descended to and crossed RUMU River. Crossed IWA River and ascended to DAKU arriving 8.30 am. Continued on at 9.10 am. Arrived ZUIEBAK at 9.40 am. P/B reports no trace of census absconder. Continued on at 9.50 am. Followed track to BOGEBEA. Branched off on SOM track at 11.45 am. Arrived SOM village (3250') at 1.25 pm. Discussions with Village Officials.

February, 18th.

Departed SOM at 6.55 am. Passed thru' 2 hamlets of SOM. Arrived SIRASIRA (2550') at 8 am. Minor matters. Departed 8.20 am. and descended to Leron River, arriving at 9.20 am. River in flood from recent rains. Forded and all cargo safely across by 10.15 am. Met by V/Os from SUKURUM with carriers. Continued on at 10.30 am. Met by carriers from WONGAT at 10.25 am. Continued on at 11.30 am. Ascended to WONGAT (2360') arriving 1.50 pm. Minor matters.

February, 19th.

Departed WONGAT at 6.15 am. Descended to ZUMANGORUM in the Markham Valley, arriving 8.15 am. Continued on at 8.30 am. Arrived BOGABUA at 9.5 am. Minor matters. Continued on and arrived Kaiapit station at 11 am.

END OF DIARY.

NATIVE AFFAIRS.

Native affairs in the area appear good and no complaints were reported to the patrol. The only Court action taken was at BOGEBEA village where all the male adults were fined 5/- each for disobeying a lawful order to provide latrines and garbage pits in their village.

A land dispute between the CHIVASING and SANGAN peoples was settled by arbitration at TERERAN.

There are three language groups in this sub-division. The villages of IRUMU, SIARA and MAMA are of the one language group; the village of BOGEBEA belongs to the SOM-SIRASIRA (LERON) group and the headwaters' villages belong to yet another group.

The people of the headwaters' group are still rather primitive and the area boasts only two or three men with a rough knowledge of pidgin. This group in particular need constant and regular patrolling to bring them up to the level of their neighbours in the Leron area. Housing is very bad and latrines and garbage pits non-existent for the most part. I would recommend that at least two D.D.S. & P.H.D. patrols visit this area every year to check on progress made and that instructions given have been carried out.

VILLAGES AND HOUSING.

The villages of RUMU and SIARA were the best in the area, but as the patrol progressed further into the headwaters the villages and houses deteriorated. The people of MAMA village have moved to a new site on the banks of the RUMU River and their village is still in the process of construction. BOGEBBA village was in fair condition as regards housing.

The headwaters group of villages have very poor houses, being built of bamboo for the main part and roofed with bamboo leaves. All houses are built on the ground for warmth, which is needed in this cold windy area.

The villages of DAGAMAN, DURAK and KAWAN have combined to form one village at DAGAMAN, and the villages of GUMI, GARAMBOIN and SIMBONGA have combined to form one village at GUMI. These combined villages are the worst in the area. The houses being of poor construction and condition and built up close together with rooves touching each other mostly. The people of these villages advise that they combined together at the persuasion of their Mission Teachers, so as no doubt to make the work of the teacher easier by having all the people in the one place. However these insanitary combined villages greatly increased the risk of epidemics amongst these peoples, and as the Lutheran Mission teachers are apparently instructed to combine as many villages together as they can, I recommend that the Mission be requested to instruct their Teachers to refrain from this practice, and instead to go to the people and not have the people come to them. This practice of mountain people combining villages due to Mission persuasion is wide-spread and was reported by Mr. C.P.O. Mater in his Patrol Report on the WANTOAT area (Lae P/R No. 4-1954/5), as having been introduced into that area by Lutheran Mission Teachers. As an immediate example of how detrimental are these combined crowded mountain villages are to the people's health, the population of the combined villages of DAGAMAN-DURAK-KAWAN has decreased by 17 in eleven months. The deaths comprising mainly of children. Another aspect of these combined villages is that the women-folk have long and arduous journeys to the gardens, which invariably remain on the people's own tribal land, to obtain food, and the situation arises where most people spend the bulk of their time at their garden houses rather than make the long trip to and from their combined villages. I suggest that the Lutheran Mission be advised that their Teachers and Pastors be instructed to refrain from this practice of grouping several villages together as it is most definitely detrimental to native health and welfare; however the grouping of small hamlets, having clanship ties and using communal ground would be in the interests of the Administration, provided good village sites, so as to prevent overcrowding of houses, were obtained.

This matter of preventing indiscriminate grouping of villages is one for immediate action, as it is becoming more widespread than ever, now extending from the Wantoat to the Irumu due to Lutheran Mission activities, and it is hoped that action will be taken in this regard in the interest of the native peoples.

ROADS AND BRIDGES.

There are no vehicular roads in the area and from IRUMU to MAMA village the road follows the RUMU River. The road from MAMA to ZUEIBAK is for the most part unformed and the people were instructed to construct a proper foot track. The road from ZUEIBAK to the GUMI-GARAMBOIN villages is quite good and graded for the most part.

The only bridges in the area are of native construction for crossing the headwaters of the RUMU River, where the current is too swift to allow fording. They were of fair construction, but are of a temporary nature as when the river floods they wash away.

VILLAGE OFFICIALS.

The Village Officials of this area are without exception useless. They have no conception of their duties and responsibilities and with a few exceptions show no inclination or eagerness for their jobs. However unfortunately at present there are no suitable men in the area to appoint as replacements. In fact there is a decided unwillingness on the part of the few with a slight knowledge of pidgin to accept positions as Village Officials. This unwillingness appears to stem from a desire to remain free to go off to work as they please and not be tied down to their village. However despite their appointments several Officials from this area do go away to work. In one case at GUMI village a European recruiter came and recruited the M.T.T. for work and told him to merely leave his hat in his house. A separate report on this goes forward to the District Commissioner for action if necessary.

The M.T.T.s of the area appear to have been chosen with a regard for stupidity and ignorance, and they are all well qualified in this. It is a waste of money to supply these men with medicine, as the ones seen on this patrol have no idea of how to use or apply the medicine.

The following appointments and dismissals were made subject to your confirmation :

<u>Name.</u>	<u>Position.</u>	<u>Village.</u>	<u>Reason for Vacancy.</u>
ANSIK	Luluai	MAMA	KARUMEI deceased.
MAHANGI	Tultul	"	ANSIK to Luluai.
KAKOP	Tultul	EEK D'URAR	New position.

Tultul KAMUNSI of DAKU went off to work in Rabaul in 1953 and has been dismissed from office.

AGRICULTURE AND LIVESTOCK.

The staple diet of the area is sweet potatoe and taro, with other subsidiary crops, such as sugar-cane, bannanas & yams, being cultivated. Small quantities of European vegetables are grown in the headwaters area, whilst in the lower villages of IRUMU, SIARA and MAMA the people have planted large gardens of peanuts, rice and English potatoes and state they are selling their produce to Mr. Robinson of D.A.S.F. ERAP. Six donkies were sighted at IRUMU, complete with pack saddles, and the natives advise that they obtained these animals from ERAP to transport their peanuts, potatoes and rice produce to ERAP for sale. They also advised that another six donkies were held at ARAWANDEI in the ERAP Sub-Division to transport produce to Erap for sale.

The prices the natives state they received from Mr. Robinson for their produce appear rather low, such as £2. received for two full rice bags of shelled peanuts and £3. received for two full copra bags of English potatoes, and further enquiries will be made regarding this enterprise.

All villages in the area were advised to clear areas for the planting of coffee, and they were advised that a team of coffee planters from D.A.S.F. would follow up the patrol to instruct the people in planting out their areas. With regard to previous instructions of Mr C/P/O Giffard on the last patrol to this area only two villages had cut areas for coffee planting. However once the team from D.A.S.F. arrive in the area, I don't anticipate any difficulty over clearing the necessary gardens, as all the people appear enthusiastic about the project.

The only other livestock seen in the area apart from the donkies at IRUMU were pigs and fowls. Pigs are numerous and in the main are crossed with Berkshire stock obtained from Erap D.A.S.F. Fowls were not so numerous and are scrub stock only.

MEDICAL & HEALTH.

Health are fair in the Lower villages of IRUMU and SIARA ; this no ~~is~~ doubt is due to the fact that a Clinic with an N.M.A. has been established at IRUMU village. However this N.M.A. does not visit the Upper villages at all and confines his activities to IRUMU, SIARA and MAMA villages. At the time of the patrol the N.M.A. was absent in Lae with his wife at Malanhang Hospital. Numerous yaws and Tropical Ulcers were sighted at MAMA and 26 injections were given. All so afflicted were directed to report to the clinic as soon as the N.M.A. returns. Sanitary arrangements in the Lower villages were good.

In the Upper Headwaters villages health was very poor with numerous goitres, yaws and T/Us in evidence. Sanitary arrangements in these Upper villages are practically non-existent and 14 men of BOGEBE village were fined 5/- each for disobeying the instruction of a previous ~~patrol~~ to build latrines and garbage holes.

It is strongly recommended that a Clinic be established in the Upper Headwaters area, preferably at DAGAMAN, and that a N.M.A. and N.H.A. be stationed there to look after the health and hygiene of these people. This Clinic would have to be staffed with men from outside areas, as there are no suitable types for training available from this area: in fact I would go so far as to say that there won't be any suitable types for the next ten years. I consider this Clinic to be an urgent necessity as the people have no idea of hygiene at all, and with the prevalence of flies in the area and the crowded villages a dysentery epidemic would sweep through the area. Since the last census patrol in March 1954 there have been 64 deaths of children under 13 years and 15 deaths of persons over 13 years. Dysentery and pneumonia appear to be the main causes. Out of these deaths 71 occurred in the Upper Headwaters' villages.

A medical patrol through the entire area is also desirable, as it is 2½ years since the last medical patrol in 1952.

EDUCATION & MISSIONS.

There is one Mission operating in the area and that is the Lutheran Mission. ~~HOWEVER~~ However the Lower RUMU villages of IRUMU & SIARA come under influence of the Kaiapit Mission station which teaches YABIM, whereas the Upper Headwaters villages come under the ULAP (WASU) station which teaches KOTTE. There are Mission schools established at SIARA, DAKU, DAGAMAN & GUMI, but the standard of education is as usual limited by the qualifications of the teacher, and are meagre.

There are no Administration schools in the area.

CENSUS & RECRUITING.

The census was revised in all villages visited and Village Population Registers are attached. Statistics show that 32% of A/B males are absent at work.

There is a decrease of 27 in the overall population as compared to the last census taken in March, 1954.

Most villages cooperated well with census-taking, but there was one absconder at ZUIEBAK village. He has not as yet been apprehended.

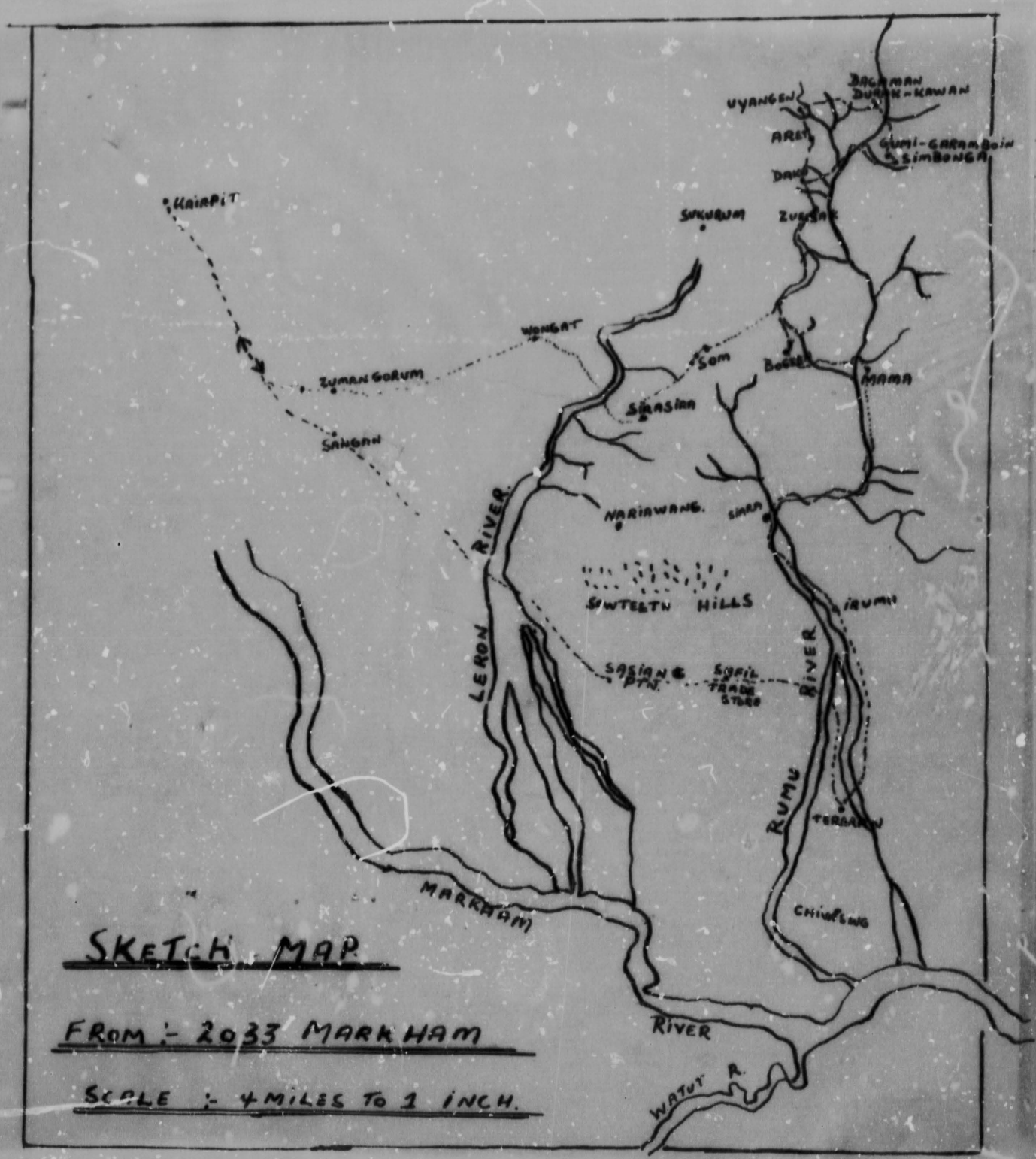
ANTHROPOLOGICAL.

Nothing of anthropological interest was noted on the patrol.

*D. G. Calder*

D. G. Calder,  
Patrol Officer,  
Kaiapit.

3/3/55.



SKETCH MAP

FROM :- 2033 MARKHAM

SCALE :- 4 MILES TO 1 INCH.

# VILLAGE POPULATION REGISTER

Year.....1955.....

**IRUMU SUB - DIVISION.**

Govt. Print.—4391/19.52.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL								
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		In		Out		Inside District		Outside District		Govt.		Mission		Males		Females		Pregnant		Number of Child-bearing age	Average Size of Family	Child		Adults			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					M	F	M	F		
		1955		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F	M	F	M
IRUMU	Febr. 9th.	4	1		1								1			3	2	1								8	40	4	29	4	24	1.8	29	22	4032	129							
SIARA	10th.		4		1			1						1	1	8	5		1		1					11	41	6	26	3	21	2.1	20	23	3027	115							
MAMA	11th.	2	2	1	1			1					1	1	1	6	4					5	4			10	27	6	27	-	21	2.2	18	21	2027	106							
BOGEBA	12th.	2	2	2	1			1	1			1		1	2	7	5									3	33	3	30	4	25	1.2	11	19	22	32	96						
ZUEIBAK	13th.	2			1	1	1						1	1		7										5	24	-	22	2	20	1.1	16	5	19	23	70						
DAKU	14th.	4	3			1	4			2		1	1	1	1	10	3									11	56	14	57	14	1	1.7	40	34	48	59	194						
ARET	"	1	2					1	1					1	7	4										5	21	2	23	1	15	2.1	20	16	1326	86							
UYANGEN	15th.	1	1					1		1						12										14	29	8	37	3	24	1.9	27	23	2042	124							
DAGAMAN	"	3	3			1	3	2	1			1	1			6	11									15	39	10	47	2	30	1.6	29	28	3356	163							
DURAK	"		1		1	1	1	2		1				1		2	10									11	42	9	45	2	32	1.8	33	31	3955	170							
KAWAN	"	3	2			1	5	3	1	1					1	1	12									6	34	4	34	3	29	1.2	21	14	24	40	112						
GUMI	16th.	2	4	1		1	1					1	1			8	2	4					4			1	37	3	37	6	32	1	15	13	2237	105							
SARAMBOIN	"	2	2	2	1		1	2	1	2		1				11	3	3				1				6	36	6	44	4	32	1.5	26	22	28	45	139						
SIMBONGA	"	2	1									1				1	8	1								5	26	4	26	2	22	1.4	16	12	2226	85							
<b>TOTALS.</b>		28	28	4	3	5	6	19	14	4	6	2	1	4	11	1	7	4	7	96	6	63	1	1		11	41	11	48	5	37	358	32	1283	380	527	1694						



# VILLAGE POPULATION REGISTER

## IRUMU SUB-DIVISION.

Year **1955**

Govt. Print.—4291/10.52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS										MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL		
				0-1 Mth.		0-1 Year		1-4		5-8		9-12		Over 13		Females in Child Birth	In		Out		AT WORK		STUDENTS		Males		Females		Pregnant	Number of Child-bearing age	Child			Adults	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F			M	F		M	F
		1955		Febr.		9th.		10th.		11th.		12th.		13th.		14th.		15th.		16th.		17th.		18th.		19th.		20th.		21st.		22nd.		23rd.	
IRUMU	9th.	4	1		1								1			1		3	2	1				8	40	4	29	4	24	1.6	29	22	4052	129	
SIARA	10th.		4		1				1								1	8	5		1			11	41	6	26	3	21	2.1	20	23	3027	115	
NAMA	11th.	2	2		1	1			1				1			1	1	6	4			5	4	10	27	6	27	-	21	2.2	18	21	2027	106	
BOGIBA	12th.	2	2	2	1				1	1			1			1	2	7	5					3	33	3	30	4	25	1.2	11	1922	32	96	
ZURIBAK	13th.	2			1	1	1						1			1		7						5	24	-	22	2	20	1.1	16	5	19	23	70
DAKU	14th.	4	3			1	4				2	1	1	1				10	3					11	56	14	57	14	1	1.7	40	3448	59	194	
ARST	"	1	2				1	1					1				1	7	4					5	21	2	23	1	15	2.120	16	1326	86		
UYANGEN	15th.	1	1						1		1							12						14	29	8	37	3	24	1.9	27	23	2042	124	
DAGAMAN	"	3	3				1	3	2	1			1	1				6	11					15	59	10	47	21	30	1.6	29	28	3356	163	
DURAK	"		1			1	1	1	2		1			1				2	10					11	42	9	45	21	32	1.833	31	3955	170		
KAVAN	"	3	2				1	5	3	1	1			1				1	12					6	34	4	34	3	29	1.2	21	1424	40	112	
GUMI	16th.	2	4	1			1	1	1				1	1				8	2	4			4	1	37	3	37	6	32	1	15	13	2237	105	
GARAMBOIN	2	2	2	1			1	2	1	2			1				1	11	3	3			1	6	36	6	44	4	32	1.5	26	2228	45	139	
SINDONGA	"	2	1										1					1	8	1				5	26	4	26	2	22	1.4	16	12	2226	85	
<b>TOTALS.</b>		<b>28</b>	<b>23</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>19</b>	<b>14</b>	<b>4</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>11</b>			<b>1</b>	<b>7</b>	<b>4</b>	<b>7</b>	<b>96</b>	<b>6</b>	<b>63</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>4</b>	<b>11</b>	<b>485</b>	<b>380</b>	<b>527</b>	<b>1694</b>		

# ation Register

Area Patrolled.....IRUMU.SUB-DIVISION.....

ATIONS		ABSENT FROM VILLAGE				STUDENTS				LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL
		AT WORK		Outside District		Govt.		Mission		Males		Females		Pregnant	Number of Child Bearing Age	Average Size of Family	Child		Adults		
M	F	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45						M	F	M
		3		2	1					8	40	4	29	4	24	1.8	29	22	40	32	129
1		8		5		1		1		11	41	6	26	3	21	2.1	20	23	30	27	115
	1	6		4				5	4	10	27	6	27	-	21	2.2	18	21	20	27	106
	2	7		5						3	33	3	30	4	25	1.2	11	19	22	32	96
		7								5	24		22	2	20	1.1	16	5	19	23	70
		10		3						11	56	14	57	1	41	1.7	40	54	48	59	194
	1	7		4						5	21	2	23	1	15	2.1	20	16	13	26	86
		12								14	29	8	37	3	24	1.9	27	23	20	42	124
		6		11						15	39	10	47	2	30	1.6	29	28	33	56	163
		2		10						11	42	9	45	2	32	1.8	33	31	39	55	170
	1	1		12						6	34	4	34	3	29	1.2	21	14	24	40	112
		8	2	4				4		1	37	3	37	6	32	1	15	13	22	37	105
1	1	11	3	3				1		6	36	6	44	4	32	1.5	26	22	28	45	139
2	1	8	1							5	26	4	26	2	22	1.4	16	12	22	26	85
4	7	96	6	63	1	1		11	4	111	485	79	484	37	368	-	321	283	380	527	1694

30.3.21

Amount Returned to Store



TERRITORY OF PAPUA AND NEW GUINEA.

# PATROL REPORT

District of MOROBE Report No. KAIAPIT NO. 5-1954/5

Patrol Conducted by D. G. GALDER, PATROL OFFICER

Area Patrolled AMARI CENSUS SUB-DIVISION.

Patrol Accompanied by Europeans Nil.

Natives 3

Duration - From 24/3/1955 to 5/4/1955

Number of Days 13.

Did Medical Assistant Accompany? No.

Last Patrol to Area by - District Services Dept. /1954.

Medical ... April/1953

Map Reference 2033 Markham 4 Mile Army Strat. Series. Sketch Attached.

*To. P/R 5-54/5*

Objects of Patrol (1) Census Revision (2) Finalise War Damage Payments

(3) Encourage Economical Development. (4) General Administration.

DIRECTOR OF DISTRICT SERVICES  
AND NATIVE AFFAIRS,  
PORT MORESBY

Forwarded, please.

/ 19

District Commissioner

Amount Paid for War Damage Compensation ... £ 184/5/6D.

Amount Paid from D.N.E. Trust Fund ... £ Nil.

Amount Paid from P.E.D.P. Trust Fund ... £ Nil.

Year... 1954/5.

# Village Popul

AMARI SUB-DIVISION.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATION			
		1955		0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	M	F	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ANTINGURIN	March. 25th	3	2	1		1			1						2		1	5	6
RAGIAMPUN	"	6	4	1				1	2									5	8
RAGITSUMANG	26th.	2	2		1	1			1							1			2
RAGINAM	28th.	4	3			2	2		1						3		1		11
WANKUN	29th.	6	4	1	1	1	1									1	1		6
MARASASSA	"	1	1				1	1		1								2	3
MARAWASSA	30th	1	6						1	1					2			3	5
RAGITSARIA	April 1st.	14	3	2		3		2	1						1			3	3
ATSUNAS	2nd.	9	3	1		2			3						2			5	4
GJAROTUMWA	4th.	3	7												1			2	5
WARITSIAN	"	6	6			1	1				1				1		1		7
<b>TOTALS.</b>		<b>55</b>	<b>43</b>	<b>6</b>	<b>2</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>1</b>	<b>1</b>				<b>12</b>	<b>2</b>	<b>4</b>	<b>25</b>	<b>50</b>

30-9-232

13th May, 1955.

The District Commissioner,  
Morobe District,  
LAE.

PATROL REPORT - KALAPIT No. 5 OF  
1954 - 1955.

Receipt of the report is acknowledged.

It is most interesting to note the way that  
these people have gone ahead with the planting of coconuts.  
The younger members of the clans will certainly reap great  
benefit from the efforts of their elders to try and improve  
the economic status of the people.

There certainly must have been a lot of drive and  
energy put into the scheme by our Field Officers and they  
are to be congratulated. It will be seen from the results  
that frequent patrolling pays.

I am glad to hear that the payment of War Damage  
in the area has been completed.

Items of interest to other Departments have been  
passed to those concerned.

*4/11* *6/11* *16/5*  
*J. K. McCarthy*  
(J. K. McCarthy.)  
A/Director - D.S.S. & N.A.  
*20/5*

3619/232



TERRITORY OF PAPUA AND NEW GUINEA

HLW.LH.



In Reply Please Quote

No. DS.30/3/21.

District of Morobe,  
Headquarters,  
L.A.E.

9th May, 1955.

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

PATROL REPORT KAIAPIT NO. 5 - 1954/55.  
AMARI CENSUS SUB-DIVISION - MR. D.G. CALDER.

Forwarded herewith is a report by Mr. D.G. Calder,  
covering a Patrol of the AMARI Sub-Division.

The report indicates very gratifying progress in  
the native economic development project, especially when it is  
realised that the scheme was implemented during last February,  
and that to date over 31,000 coconut palms have been planted  
in the Markham Division, and of this, more than 11,000 have  
been planted in the AMARI Census Sub-Division.

Mr. Calder must be given great credit for the  
drive and energy which he has applied to this scheme.

The absence of 362 able bodied males out of a  
total of 810 from the Sub-Division is high, but as the report  
points out, more than half of the absentees are employed at  
Lae or Bulolo, and it is agreed that no closure of the area to  
recruiting is called for.

It will be noted that the payment of War Damage  
Compensation for the Kaiapit Sub-District has now been com-  
pleted.

*H.L.R. Niall*  
H.L.R. Niall  
DISTRICT COMMISSIONER.

TERRITORY OF PAPUA AND NEW GUINEA.

DISTRICT OF MOROBE.

KAIAPIT.

PATROL REPORT.

PATROL REPORT NUMBER.

Kaiapit No. 5-1954/1955.

PATROL CONDUCTED BY :

D. G. CALDER, PATROL OFFICER.

PERSONNEL ACCOMPANYING :

2 Members of R.P. & N.G.C. as follows :  
No.6138 PA L/Cpl. KIGARE.  
No.7278 Constable EUSI.

1 Personal Servant.

AREA PATROLLED :

AMARI CENSUS SUB-DIVISION.

MAP REFERENCE :

2033 Markham 4 Mile Army Strat. Series.  
Sketch Attached. P/R No 3-54/5

DURATION OF PATROL :

From 24th. March, 1955 to 5th. April '55

NUMBER OF DAYS SPENT ON PATROL :

13 days.

OBJECTS OF PATROL :

- (1) Revision of Census.
- (2) Complete War Damage Payments.
- (3) General Administration.

*D. G. Calder*

D. G. Calder,  
Patrol Officer.

INTRODUCTION.

This patrol was conducted to revise the census of the AMARI Sub-Division and also to complete War Damage Compensation payments for this area.

Another main object of the patrol was to encourage Economic Development amongst these people by way of planting up new groves of coconuts and cleaning and working existing groves.

The area was last visited by the writer on Patrol No. 3/54-5 of December, 1954.

DIARY.

March, 24th.

Departed station at 8.45 am. Arrived WOMPUA and inspected new coconut plantation. Proceeded to ARIFIRAN and ~~we~~ inspected new plantation. Inspected plantations of ZUMIM and ANTIRAGEN villages. Forded UMI River and arrived ANTINGURIN village at 2.30 pm. Discussions with Village Officials. Paid W.D.C. Claim. Village Officials from surrounding villages reported to patrol.

March, 25th.

Inspected new coconut plantation of ANTINGURIN. Census revised and village inspected. Proceeded to nearby RAGIAMPUN (20 mins). Inspected new plantation. Census taken and village inspected. Paid W.D.C. Returned to ANTINGURIN.

March, 26th.

One complaint heard. Departed ANTINGURIN at 9 am. Passed through RAGIAMPUN and arrived RAGITSUMANG at 9.30 am. Inspected new plantation. Census taken and village inspected. Paid W.D.C. Proceeded RAGINAM (5 mins.). Mr. J. Reid of Gusap arrived per jeep. Inspected GUSAP road and airstrip in afternoon.

March, 27th.

Sunday - observed.

March, 28th.

One policeman sent to supervise cutting of Gusap road. C.N.A. hold. Census taken of RAGINAM and village inspected. Paid W.D.C. Visited new plantation in afternoon. Line from YANKOWAN (UMI Headwaters villages) arrived. Paid W.D.C. to this group.

March, 29th.

Departed 8.20am. Passed through RAGINAM No.2. and arrived WANKUN at 8.25 am. Census taken and village inspected. Matrimonial dispute settled. Inspected new plantation. Departed 1 pm and proceeded MARASASSA village, arriving 1.15 pm. Inspected First Aid Post. Census taken and village inspected. Inspected new coconut plantation. Departed 3.30 pm. Passed through MARAWASSA village at 3.50 pm. and arrived RAGITSARIA at 4 pm.

March, 30th.

Proceeded to MARAWASSA. Census taken and village inspected. Supervised road repairs. Supervised clearing of new plantation of RAGITSARIA in afternoon.

March, 31st.

Chained and planted out new plantation for RAGITSARIA. Inspected new plantation of MARAWASSA.



DIARY Cont'd.

April, 1st.

Census taken of RAGITSARIA and village inspected. W.D.C. paid. Matrimonial dispute heard in afternoon.

April, 2nd.

Departed 8.10 am. and proceeded to ATSUNAS, arriving 9 am. Census taken and village inspected. Inspected new plantation in afternoon.

April, 3rd.

Sunday - Observed.

April, 4th.

Departed ATSUNAS at 7.50 am. Arrived GNAROTUMWA at 8.30 am. Census taken and village inspected. Departed 10 am. and proceeded to WARITSIAN village, arriving 10.30 am. Census taken and village inspected. Visited new plantation in afternoon.

April, 5th.

Departed 7 am. Passed through GNAROTUMWA. Inspected new plantation. Inspected enlarged plantations of RAGIAMPUN and ANTINGURIN villages. Departed ANTINGURIN at 9.15 am. Forged UMI River. Inspected enlarged plantations of ZUMIN and ANTIRAGEN villages. Arrived station at 2 pm.

END OF DIARY.

NATIVE AFFAIRS.

Native affairs in the area appear good and only a few matrimonial disputes were reported to, and settled by the patrol. Nothing else of interest in this regard was reported.

NATIVE ECONOMICAL DEVELOPMENT.

One of the primary objects of this patrol was to interest these AMARI people in economic development. All villages were advised to plant up new coconut groves and to clean existing old groves, with the ultimate view of commencing copra production in this area. At the time of writing all villages have completed their new plantings and 11,730 new coconuts in all have been planted in this area. Coconuts grow well in the area and Markham coconuts having a meat yield from 10-12 ounces are amongst the best in the Territory.

Large old groves exist but they have been neglected for so long that the majority have ceased to bear, however all villages have been advised to clean these old groves and with regular cleaning they should again be bearing within 12 months.

This developmental project has been introduced throughout the Upper Markham Valley area and to date 31,397 new palms have been planted. With these new plantings and with the cleaning of the existing groves I believe that this area will in time develop into one of the main copra producing areas in the Territory.

With the new groves, it is intended to interplant with cocoa as soon as the palms are tall enough to provide the shade necessary for cocoa growing.

It is pleasing to report that the people themselves have apparently realized the immense possibilities of this project and villages are showing justifiable pride at the completed results of their labours. Naturally their enthusiasm will receive an even greater impetus upon receipt of the proceeds from their first sale of copra.

VILLAGES AND HOUSING.

All villages in the area were in good order and housing has generally improved since my last patrol in December 1954. However there still remains one or two firewood hovels in some villages to be removed. Orders given for the improvement of housing in this area on my Patrol No. 3-54/5 have been suspended until after these people have completed their developmental programme.

A noticeable improvement in housing has been made at ATSLNAS village and now most houses have been erected on piles.

ROADS AND BRIDGES.

The main vehicular road in the area is section of the LAE-GUSAP-KAINANTU road and this has been well maintained by the villages. Section of the Gusap road was found to be overgrown however and it was cleared under supervision.

Road building presents no problems in the area as it is flat kunai-covered ground. All villages have been told to widen their roads to 18' with drains on both sides and to erect bridges where necessary 12' wide.

Once the Umi River is bridged, a major construction job, these people will have a direct access road to Lae for disposal of their copra produce.

VILLAGE OFFICIALS.

As reported in my Patrol Report No. 3-54/5 the Village Officials of this area were mediocre, however some replacement appointments have been made and I am now pleased to advise that the Officials are working well.

The following provisional appointments were made by the patrol :

<u>NAME.</u>	<u>POSITION.</u>	<u>VILLAGE.</u>	<u>REASON FOR VACANCY.</u>
LINAUWI	Tultul	RAGIAMPUN	BANA gaoled for assault.
GUYZI	Luluai	RAGITSUMANG	WAIPIYA resigned.
DITS	Tultul	"	MARATSA gaoled.
YATSI	Tultul	"	BARA retired.

MEDICAL AND HEALTH.

There is a First Aid Clinic being maintained at MARASASSA village and this was inspected by the patrol. General health in the area appears good and the people for the most part are bringing their children in for treatment. However 5 men were charged in the Court for Native Affairs with neglecting to obtain medical treatment for their children and they were sentenced to varying terms of imprisonment.

AGRICULTURE AND LIVESTOCK.

Apart from the coconut plantings previously mentioned rice and peanuts are being grown in the area and both crops are doing well. Several Bentall Hand Hullers have been purchased by these natives and another Huller was requested from the patrol. This request has been passed on to the Dept. of Agriculture.

Pigs are plentiful in the area and are mostly half-breed Berkshire stock.

Fowls are the only other livestock kept and are scrub stock only.

EDUCATION & MISSIONS.

There are Mission schools throughout the area where all teaching is done in YABIM and the standard is not high being limited by the somewhat meagre education of the teachers themselves.

EDUCATION & MISSIONS Cont'd.

These schools are under the supervision of the Lutheran Missionary at Kaiapit, Mr. K. Holzknecht. As mentioned in previous reports this is the only Mission operating in the area.

17 children from the area are attending the Administration School at Kaiapit and from all accounts are progressing well.

WAR DAMAGE COMPENSATION.

An amount of £184/5/61. was paid out in W.D.C. to people of this area and the UMI Headwaters area. This completely finalises War Damage Payments for the Kaiapit Sub-District and the people have been informed that no new Claims will be entertained.

CENSUS STATISTICS.

The census was revised in all villages and the total population for the area of 3008 shows an increase of 60 over the last total for the last census in April, 1954 of 2948.

Births for the year total 88 as against deaths of children up to 13 years totalling 41.

Several old women who had not previously been recorded were listed at this census.

LABOUR STATISTICS & RECRUITING.

Statistics show that 362 A/B males out of a total of 810 A/B males are absent at work, 44.6%. However out of this figure 210 are working within the District, either at Lae or Bulolo, and can be expected to visit their villages say every 12 months.

Whilst the percentage absent is high it is not considered that the villages are suffering any inconvenience and accordingly no recommendation for closure is made.

*D. G. Calder*

D. G. Calder,  
Patrol Officer,  
Kaiapit.

4/5/55.

# VILLAGE POPULATION REGISTER

Year 1954/1955

AMARI CENSUS SUB-DIVISION

Cont. Form No. 11/11/54

VILLAGE	DATE OF CENSUS	BIRTHS				DEATHS								MIGRATIONS				ABSENT FROM VILLAGE STUDENTS				LABOUR POTENTIAL		FEMALES		TOTALS (Excluding Abseent)									
		M	F	M	F	0-1 Mth	0-1 Year	1-4	5-8	9-13	Over 13	Females in Child Birth	In	Out	Govt.	Mission	Male	Females	Male	Female	M	F	M	F	M	F	M	F	M	F	M	F			
AMTINGURIN	March																																		
	25th.	3	2	1			1			2		1	5	6	5	6	1	18					10	62	5	50	4	39	1	1,433	26	41	63	194	
RAGIAMPUN	"	6	4	1			1	2					5	8	5	9	17	4	23	2				1687	8	56		-	471	6	58	32	53	71	261
	26th.	2	2				1		1				2	1	3	15		4	18		1				2	1	1	1	1	1	1	1	1	1	
PAGINAM	28th.	4	3				2	2		3		1	11	5	3	28	2	28					43112	15	110		21851	5	96	54	78135	424			
	29th.	6	4	1			1	1				1	6	2	8	30	4	13					29	74	8	74	1	57	1	656	45	54	87	291	
MARASASSA	"	1	1				1		1				2	3	1	13		4					16	32	9	29	2	25	1	3	25	16	20	34	113
MARAWASSA	30th.	1	8					1		2		2	3	5	2	8		1	2	1			24	66	11	64	7	48	1	750	53	64	72	255	
	April												3	3	5	6	27	1	14	1	2			32	83	16	85	6	70	1	7	61	67	69107	349
RAGIWARIA	1st.	14	3	2			3	2		1		2	3	3	5	6	27	1	14	1	2			39	63	12	66	5	43	2	65	52	58	72	275
	2nd.	9	3	1			2		3		2		5	4	3	10	4	9		1	1			36	79	9	64	2	52	1	7	65	49	42	77
GNAROPUMWA	4th.	3	7							1		1	2	5	4	31	7	17	1	1			25	85	15	74	5	57	2	54	66	65	82	312	
	"	6	6				1		1		1	1	7	3	20	3	6	1	1	1	1			26	2	28	81	197	324	577	-	604	503	583	874
TOTALS.		54	43	6		2	11	5	5	10	1	12	25	60	23	48	210	31	152	6	17			2808	10	11	97	324	577	-	604	503	583	874	3008

# VILLAGE POPULATION REGISTER

 Year 1954/1955.
AMARI CENSUS SUB-DIVISION.

Govt. Print.—4791/10.12.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS								MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES	Average Size of Family	TOTALS (Excluding Absentees)				GRAND TOTAL											
				0-1 Mos.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth.		In		Out		Inside District				Outside District		Govt.			Mission		Males		Females		Child		Adults		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
		1955.		10-16	16-45	10-16	16-45	Pregnant	Number of Child-bearers	Age																															
AMPINGURIE	March 25th.	3	2	1			1						2	1	5	6	5	6	11	1	18		1				10	62	5	50	4	39	1.433	26	41	63	194				
RAGIAMPUN	"	6	4	1				1	2						5	8	5	9	17	4	23	2	1				16	87	8	56	-	47	1.6	58	32	53	75	261			
RAGITSUMANG	26th.	2	2		1	1								1	2	1	3	15	4	18			2	1	1		19	62	11	67	-	54	1.5	41	43	39	74	238			
RAGINAM	28th.	4	3			2	2						3	1	11	5	3	28	2	28			2		1		4	31	12	15	10	21	31.5	96	54	78	35	421			
WANKUN	29th.	6	4	1	1	1	1							1	1	6	2	8	30	4	13		2				29	74	8	74	1	57	1.656	45	54	87	291				
MARASASSA	"	1	1				1	1			1				2	3		1	13		4		1				16	32	9	29	2	25	1.3	25	16	29	34	113			
MARAWASIA	30th.	1	8					1	1					2	3	5	2	8	1	2	1	3		1			24	66	11	64	7	45	1.750	53	64	72	235				
RAGITSARIA	April 1st.	14	3	2			3						1		3	3	5	6	27	1	14	1	2				32	83	16	85	6	70	1.7	61	67	69	107	349			
ATSUNAS	2nd.	9	3	1				2						2	5	4	3	10	4	9			1	4			31	68	12	66	5	43	2	65	52	58	72	275			
GNAROTUNWA	4th.	3	7										1		2	5	4	31	7	17	1	1		6			36	79	9	64	2	52	1.7	65	49	42	77	296			
WARITSIAN	"	6	6				1	1					1		7	3	20	3	6	1	1		14				24	85	15	74	5	57	2	54	66	65	82	312			
<b>TOTALS.</b>		<b>55</b>	<b>43</b>	<b>6</b>	<b>2</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>1</b>	<b>1</b>		<b>12</b>	<b>2</b>	<b>4</b>	<b>25</b>	<b>60</b>	<b>23</b>	<b>48</b>	<b>210</b>	<b>31</b>	<b>152</b>	<b>6</b>	<b>17</b>	<b>26</b>	<b>2</b>	<b>28</b>	<b>08</b>	<b>10</b>	<b>11</b>	<b>97</b>	<b>393</b>	<b>4</b>	<b>577</b>	<b>-</b>	<b>604</b>	<b>503</b>	<b>58</b>	<b>387</b>	<b>4</b>	<b>3008</b>

# VILLAGE POPULATION REGISTER

Year 1954/1955

ANARI CENSUS SUB-DIVISION

Govt. Print.—4391/10 52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS										MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL								
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		In		Out		Inside District		Outside District		Govt.		Mission		Males		Females		Pregnant	Number of Child-bearing age	Average Size of Family	Child		Adults		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M					F	M	F	M	F
		1955		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F	M	F	M
ANTIGURIN	March 25th.	3	2	1			1				1			2		1		5	6	5	6	11	1	18		1				10	62	5	50	4	32	1.433	26	41	63	194	
RAGIAMFUN	"	6	4	1			1	2										5	8	5	9	17	4	23	2	1				16	67	8	56	-	47	1.6	58	32	53	71	261
RAGITSURIANG	26th.	4	2		1	1			1						1			2	1	3	15	4	18		2	1	1	15	62	11	67	-	54	1.5	41	43	3574	258			
RAGIHAN	28th.	4	3		2	2			1					3		1		11	5	3	28	2	28		2		1	4	312	15	110	238	91.5	96	94	78	135	424			
WANKUN	29th.	6	4	1	1	1	1				1	1						6	2	8	30	4	13		2			29	74	5	74	1	57	1.656	45	54	87	291			
NARASADA	"	1	1			1	1	1										2	3	1	13		4		1			16	32	9	29	2	25	1.3	25	18	30	74	113		
NARAWASSA	30th.	1	8				1	1			2							3	5	2	8	1	2	1	3		1	24	66	11	64	7	48	1.750	53	64	72	255			
RAGITSARIA	April 1st.	14	3	2		3		2	1		1							3	3	5	6	27	1	14	1	2		32	83	16	85	6	70	1.7	61	67	69	107	349		
ATSUNAS	2nd.	9	3	1		2			3		2							5	4	3	10	4	9		1	4		31	62	11	66	5	43	2	65	52	58	72	375		
GNAROTURWA	4th.	3	7								1							2	5	4	31	7	17	1	1	6		36	79	9	64	2	52	1.7	65	49	42	77	296		
WARITSIAN	"	6	6		1	1			1		1							7	3	20	3	6	1	1	14			24	85	15	74	5	57	2	54	66	65	82	312		
<b>TOTALS.</b>		<b>55</b>	<b>43</b>	<b>6</b>	<b>2</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>1</b>	<b>1</b>			<b>12</b>	<b>2</b>	<b>4</b>		<b>25</b>	<b>60</b>	<b>23</b>	<b>48</b>	<b>210</b>	<b>31</b>	<b>152</b>	<b>617</b>	<b>26</b>	<b>2</b>	<b>280</b>	<b>810</b>	<b>119</b>	<b>739</b>	<b>34</b>	<b>577</b>	<b>-</b>	<b>604</b>	<b>503</b>	<b>3874</b>	<b>3098</b>			

# ation Register

Area Patrolled...AMARI SUB-DIVISION.....

ATIONS		ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL
		AT WORK				STUDENTS				Males		Females		Pregnant	Number of Children Being Bred. in Age		Child		Adults		
		Inside District	Outside District	Govt.	Mission	Males	Females	10-16	16-45	10-16	16-45	M	F				M	F	M + F		
M	F	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45			M	F	M	F	M + F	
5	6	11	1	18		1				10	62	5	50	4	39	1.4	33	26	41	63	194
5	9	17	4	23	2	1				16	87	8	56	-	47	1.6	58	32	53	71	261
1	3	15	4	18		2		1	1	19	62	11	67	-	54	1.5	41	43	39	74	238
5	3	28	2	28		2			1	43	112	15	110	2	85	1.5	96	54	78	135	424
2	8	30	4	13		2				29	74	8	74	1	57	1.6	56	45	54	87	291
	1	13		4		1				16	32	9	29	2	25	1.3	25	16	20	34	113
	2	8	1	2	1	3			1	24	66	11	64	7	48	1.7	50	53	64	72	255
5	6	27	1	14	1	2				32	83	16	85	6	70	1.7	61	67	69	107	349
	3	10	4	9		1			4	31	68	12	66	5	43	2	65	52	58	72	275
	4	31	7	17	1	1			6	36	79	9	64	2	52	1.7	65	49	42	77	296
	3	20	3	6	1	1			14	24	85	15	74	5	57	2	54	66	65	82	312
23	48	210	31	152	6	17			26	2	280	810	119739	34	577	-	604	503	583	874	3008

Pjm

30-3-22



TERRITORY OF PAPUA AND NEW GUINEA.

# PATROL REPORT

District of MOROBE Report No. KATAPPT NO. 6 - 1954/1955.

Patrol Conducted by D. G. CALDER, PATROL OFFICER.

Area Patrolled ATZERA CENSUS DIVISION

Patrol Accompanied by Europeans NIL

Natives TWO

Duration - From 16/5/1955 to 1/6/1955

Number of Days 17.

Did Medical Assistant Accompany? NO.

Last Patrol to Area by District Services /11/1954

Medical ... /9/1953

Map Reference 2033 Markham 4 Mile Army Strat. Series. Sketch Attached.

Objects of Patrol (1) Census Revision (2) Encourage Economic Development.  
(3) General Administration.

DIRECTOR OF DISTRICT SERVICES  
AND 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 ... .. £.....

30-3-22



# Village Popul

Year 1954/1955.

ATZERA CENSUS DIVISION.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIG.			
				9-1 Mth.		0-1 Year		1-4		5-8		9-15		Over 15		Females in Child Birth	in		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	
	1955																		
MAMARINGAN	May 16th	2	4			2	2							1					2
BOGABUANG	"	3	9	1		2	1							1	1			1	2
TA-AP	17th	4	1			1		2						1	1				1
ZUMANGORUM	"	1	5			1		1						1	2			3	2
WAPIBAMFUN	"	2	5												1			1	1
SANGAN	18th	11	8								1			3					
MAROLANG	"	4	4			1	1	2							2			2	2
WINSIP	20th	4	5					1						2	1				3
BINILUMP	20th	6	3		1		1	X	1					1	2				3
NASAWAGIANG	"	5	2														1	1	1
MARANGITS	"	1	1					2						1	1			1	1
SUAI	"	4		1		1	1											2	3
MUTSING	"		1					1	1						1			1	1
ORORI	24th	7	6	1	1	1	1		1						2			1	2
WOMPUA	"	3	3	1			2	1	1					2	2				3
DABU	"	5	3		1				1	1				3					1
ARIFIRAN	25th	7	9	1	1			2	1					1	1				2
ZUMIM	"	14	3		2		1		1					3	2			7	10
AIXIA	26th	4	6	1		2								1	1			2	2
ARITLAGEN	27th	6	10		2	3	2							1	2				2
OPORLAGEN	30th	6	2	1	1	2													1
SANTISAP	"	5	9	2						1								1	5
KALAPIT	31st	11	9					1	1	1	1			1	1				1
RAGTA	June 1st	3	4			1		1						4	4			2	4
<b>TOTALS.</b>		1231	712	9	15	64	17	11	3	2				27	27	1		28	58

30/9/55 ✓



TERRITORY OF PAPUA AND NEW GUINEA

In Reply  
Please Quote  
No. DS. 30/3/22.



Department of Native Affairs,  
L A E.

14th July, 1955.

The Director,  
Department of Native Affairs,  
PORTMORESBY.

KAIAPIT PATROL REPORT NO. 6 of 1954/1955.  
BY D.G. CALDER, PATROL OFFICER.

I attach the above quoted Patrol Report for your information, please. With the completion of this patrol, all of the divisions in the Kaiapit area have been patrolled for this financial year. My comments on this Patrol Report are:-

- (1) It should be noticed that whilst the Department of District Services and Native Affairs last visited the area in November, 1954, the last medical patrol was in September, 1953. While, it may be considered that the Native Hospital is in the centre of the ATZERA group, it is felt that the Medical Assistant could have made daily visits at least to the ATZERA villages, in conjunction with his normal duties at the Kaiapit hospital to inspect hygiene and sanitation conditions for the ATZERA villages.

In this matter, the vital figures show that of the 137 deaths in the area, 83 occurred in the 0-8 years group, which must be reflected at a later date in the vital Statistics for this group. Could the Director of Health be notified of these facts, please.

- (2) The economic development of the Kaiapit area has proceeded very satisfactory. This section of Mr. Calder's Patrol Report should be read in conjunction with my Patrol Report No. 9 of 1954/55, when the scheme was implemented into the ATZERA group. I visited the ATZERA group early in June, and am very satisfied at the progress of coconut plantings.
- (3) The roads and bridges in the whole ATZERA area are very good, and in my recent two days visit to the Post, I was able to inspect 18 of the 24 villages of the group. A reconditioned 3-ton truck will leave Lae next week, and it is hoped then to gravel the sector from the Leron River to the Umi River, and so make that road a permanent highway.

*P/A  
lets now a little  
too late for inspection  
on 2/13  
P/A 2/13*

*H.P. Seale*

(H.P. Seale)  
DISTRICT OFFICER.

TERRITORY OF PAFUA AND NEW GUINEA.

DISTRICT OF MOROBE.

KAIAPIT.

PATROL REPORT.

PATROL REPORT NUMBER : Kaiapit No. 6 - 1954/55.  
PATROL CONDUCTED BY : D. G. Calder, Patrol Officer.  
PERSONNEL ACCOMPANYING : 2 Members of R. P. & N. G. C as follows;  
No. 6138 PA L/Cpl. KIGARE.  
No. 6606 Constable MUNGUMBI.

AREA PATROLLED : Atzera Census Division.  
MAP REFERENCE : 2033 Markham 4 Mile Army Strat. Series  
Sketch Attached.  
DURATION OF PATROL : From 16th. May, 1955 to 1st. June, 1955.

NUMBER OF DAYS SPENT ON PATROL : 17 days.

- OBJECTS OF PATROL :
- (1) Revision of Census
  - (2) Encourage economic development.
  - (3) General Administration.

*D. G. Calder*  
D. G. Calder,  
Patrol Officer.

INTRODUCTION.

The ATZERA Census Division comprises those villages situated within a twenty mile radius of the Patrol Post and extends from the Leron River in the East to ANTIRAGEN village in the West and is bounded by the Markham River.

The main object of this patrol was to revise the census and to encourage the planting of cash crops, mainly coconuts, for the improvement of the people's Economy.

The area was last patrolled by myself in November, 1954, and the last medical patrol to the area was in September, 1953.

DIARY.May, 16th.

Departed station at 8.15 am and proceeded by main road to MAMARINGAN village, arriving 9 am. Census taken and village inspected. Departed 10.20 am. and continued on to BOGABUANG village, arriving 11.10 am. Census taken and village inspected. Inspected new coconut plantation. Departed 1 pm. and proceeded to ZUMANGORUM, arriving 1.30 pm. Minor complaints heard during afternoon.

May, 17th.

Census taken of ZUMANGORUM and TA-AP villages. Departed 10 am and proceeded to WAFBAMPUN village, arriving 10.35 am. Census taken and village inspected. Departed 11.45 am. Inspected new coconut plantation. Arrived SANGAN village at 1.30 pm. Met Mr. Charles Dickson, a recruiter from Lae. Minor matters in afternoon.

May, 18th.

Census revised of SANGAN and village inspected. A presentation of two pigs and native foods was made to patrol. Presided at opening of 4 vehicular bridges constructed by these people. Census revised of MANGIANG village in afternoon. A KIVUNG of all people of SANGAN, BINIMUMP, NASAWASIANG, NINSIP & MANGIANG villages was held in the evening for the election of a No. 1 Councillor for the combined SANGAN group.

May, 19th.

Three complaints were here in C.N.A. in morning. Census statistics and minor complaints during afternoon.

May, 20th.

Census revised of nearby BINIMUMP, NASAWASIANG and NINSIP villages. Inspected new coconut plantations of BINIMUMP and NASAWASIANG villages. Minor matters.

May, 21st.

Inspected new plantations of SANGAN, MANGIANG and NINSIP. Inspected the newly constructed road to the Leron River. Discussions with Village Officials.

May, 22nd.

Sunday - observed.

May, 23rd.

Departed SANGAN at 7.40 am. Inspected roadwork in progress on MARANGITS road. Arrived MARANGITS at 10 am. Census taken and village inspected. Departed and proceeded to SUAI (15 mins.) Census taken and village inspected. Inspected coconut plantation of MARANGITS & SUAI. Continued on to ORORI village (20 mins.) Departed ORORI at 1 pm. and proceeded MUPSING, arriving 1.30 pm.

DIARY Cont'd.

May 23rd. Cont'd.

Census taken and village inspected. Inspected new coconut plantation. Departed 3.30 pm. and returned to ORORI village. Patrol entertained by sing-sing at night.

May, 24th.

Census taken of ORORI and village inspected. Inspected new plantation. Departed 9 am. Inspected new vehicular road to WOMPUA. Badly flooded by MANIANG River. Arrived WOMPUA at 10 am. Census taken and village inspected. Inspected new plantation. Crossed MANIANG R. and arrived DABU village. Census taken and village inspected. Marked out new road to MUTSING from LABU. Inspected new plantation. Departed 1 pm. Arrived ARIFIRAN at 1.30 pm. Welcomed by sing-sing. Lunch. Inspected new plantation. Largest in area, 3396 palms. Patrol entertained by sing-sing in night.

May, 25th.

Census taken of ARIFIRAN and village inspected. Census revised of nearby ZUMIM village in afternoon. Discussions with Village Officials and Councillors in evening. Heavy rain during night.

May 26th.

Departed ARIFIRAN at 7.30 am. Forged Markham River. Arrived ANGA village at 9.15 am. Welcomed by sing-sing. Census taken and village inspected. Departed 11.20 am. Inspected new plantation. Forged Markham River and proceeded ANTIRAGEN village arriving 12.50 pm. Inspected plantations of ZUMIM and ANTIRAGEN, and new vehicular road to GAINARUN (YAROS).

May, 27th.

Census taken of ANTIRAGEN and village inspected. Departed 10.30 am. Arrived KAIAPIT village 11.30 am. Welcomed by singsing. Discussions with Officials. Continued on to station.

May, 28th.

Station duties.

May, 29th.

Sunday - observed.

May, 30th.

Departed station 8.15 am. Proceeded to OFORAGEN village, (30 minutes). Census taken and village inspected. Census taken of adjoining GANTISAP village. Returned to station at 1 pm.

May, 31st.

Departed station 9 am. and arrived KAIAPIT village at 9.15 am. Census taken and village inspected. Discussions with V/Gs. Returned to station. Census statistics in afternoon.

June, 1st.

Departed station at 8.30 am. Proceeded to RAGIADUMPIAT village (15 minutes) Census taken and village inspected. Returned to station.

END OF DIARY.

NATIVE AFFAIRS

Native affairs in the area are good and only minor matters were reported to and settled by the patrol.

NATIVE ECONOMICAL DEVELOPEMENT.

One of the primary objects of the patrol was to inspect the new coconut plantations which have been planted by these Atzera people under this District Economic Development Project. All plantings have been completed and a total of 12,310 new palms have been planted since March, bringing the total plantings for the Kaiapit Sub-district to 33,646 palms.

The natives appear to realise that the immense possibilities of the Project and all plantations visited are obviously being cared for.

All old coconut groves have been cleaned and it is expected that these old groves will again be bearing within 12 months.

VILLAGES & HOUSING.

All villages were in good order and housing has improved since my last patrol in November, 1954. Orders given on that patrol were checked on and had been carried out.

ROADS & BRIDGES.

73 miles of vehicular roads have been constructed by these people in the last 3 months and it is now possible to proceed by vehicle from Kaiapit station to any village in the Atzera Division. The roads are drained on both sides and later on, with the arrival of a truck here, they will be top-dressed with river gravel.

34 vehicular bridges have also been constructed and are a credit to the people. As mentioned in the Diary I presided at the opening ceremony of 4 bridges in the Sangam group and the people here are justifiably proud of their efforts.

VILLAGE OFFICIALS.

The Paramount Luluai of the Atzera Division, MAMUAN of ORORI is at present under suspension for unreliability and lack of interest in his work. His dismissal has been recommended. Separate correspondence refers to this matter.

Other Village Officials are working well as is evidenced by the well kept plantations and roads.

The people of the SANGAM group, NINSIP, NASAWASIANG, BINIMUMP, MANGIANG and SANGAM villages, of their own accord elected ATUAN of MANGIANG as their No. 1 Councillor. His appointment was confirmed by me.

No new appointments were made by the patrol.

MEDICAL AND HEALTH.

Two First Aid Clinics are operating in the area patrolled - one at SANGAM and another at ARIFIRAN village; Both were inspected by the patrol and found to be in good order.

General health in the area appears good and only a few minor yaws were directed to hospital.

AGRICULTURE AND LIVESTOCK.

The staple diet of the area is bananas. Peanuts and rice are cultivated as cash crops in addition to the new coconut plantings previously mentioned. Several Benztall Hand Hullers have been purchased by these people for their rice production.

Pigs are numerous in the area and are mostly half-breed Berkshire stock purchased from ERAP Livestock Station.

A few goats are kept in some villages but they are not milked. Fowls are the only other livestock kept and are scrub stock only.

EDUCATION & MISSIONS.

There is one Mission operating in the area, and that is the Lutheran Mission with its headquarters at Kaiapit. Village schools are established in nearly every village but the standard of education is very limited owing to the poor quality of teachers employed.

There are 40 children attending Government Schools either at Kaiapit or at Lae. At the Kaiapit Village Higher School the pupils are progressing satisfactorily and interest in the school appears high.

CENSUS STATISTICS.

The census was revised on this patrol and the population of 4232 shows an increase of 107 over last year's total of 4125.

Births of 240 show a decrease as against last year's total births of 395. However the total of 395 covers a two year period from last census in 1952 to 1954.

Deaths for the year total 137 of which 83 comprise children between the ages of 0-8 years.

Labour figures show that out of a total A/B males of 1183, 454 are absent at work - 38.3 %. However of these, 316 are working either at Balolo or Lae and can be expected to visit their villages at least once a year.

No recommendation is made for closure.

*D. G. Calder*

D. G. Calder,  
Patrol Officer.

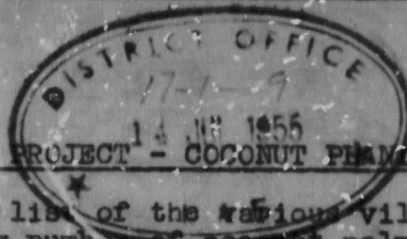
30/6/55.





KAIAPIT PATROL REPORT NO. 6-1954/1955.

APPENDIX "A".



ECONOMICAL DEVELOPEMENTAL PROJECT - COCONUT PLANTINGS.

Tabulated hereunder are a list of the various villages of the ATMERA Division only showing number of coconut palms planted.

<u>VILLAGE.</u>	<u>NUMBER OF COCONUTS PLANTED.</u>
KAIAPIT	765
ULULY (ORORI)	528
RAGIADUMFIAT	250
SANGAN	1242
BINIMUMP	494
NINSIP	577
MANGIANG	752
NASAWASIANG	459
SUAI-MARANGITS	345
BOGABUANG	365
WAFIBAMPUN	395
ANTIRAGEN	500
WOMPUA	400
ZUMIM	798
ARIFIRAN	3395
MUTSING	320
DARU	336
ANGA	308

TOTAL.

12.310

*D. C. Calder*  
D. C. Calder,  
Patrol Officer.

VILLAGE POPULATION REGISTER

# VILLAGE POPULATION REGISTER

Year 1955/1956

ATZERA CENSUS DIVISION.

Govt. Print-4-1/10.22

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTAL (Excluding Absentee)				GRAND TOTAL						
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		males in Child Birth	In		Out		AT WORK		STUDENTS		Males		Females		Pregnant Number of Child-bearing age		Child		Adults								
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F								
		1955																																							
MAMARINGAN	May 16th.	2	4			2	2							1				2		9	1	3	1	1						3	45	14	36	4	25	1.6	27	34	39	51	166
BOGABUANG	"	3	9	1		2	1							1	1			1	2	1	19	6	7	1	1			8	45	5	38	1	30	1.8	30	34	26	40	164		
TA-AP	17th.	4	1			1		2						1	1			1	5					1				4	19	4	15	-	11	1.4	12	9	15	17	59		
ZUMANGORUM	"	1	5			1		1						1	2			3	2	3	25	5	2		4			4	58	9	35	7	30	1.4	32	32	35	45	180		
WAFIBAMPUN	"	2	5											1				1	1	2	9	5	2		1			9	39	2	34	2	29	1.8	21	25	32	39	144		
SANGAN	18th	11	8											1		3		3	1	3	19	4	10	1	1	5		14	76	8	66	2	51	2.1	65	45	46	85	281		
MANGIANG	"	4	4			1	1	2						2				2	2	1	7	2	7		2			7	54	7	60	1	45	1.4	31	30	47	72	198		
NINSIP	20th.	4	5					1						2	1			3	5	5	11	3	4	1				5	55	9	49	4	44	1.8	35	46	46	62	208		
BINIMUMP	"	6	3	1		1		1						1	2			3	2	17	3	3			2			8	52	3	45	5	31	2.5	41	27	39	55	187		
NASAWASIANG	"	5	2											1				1	1	2	16	3	1		1			7	32	5	24	1	19	2.1	30	13	18	29	111		
MARANGITS	23rd.	1	1			2								1	1			1	1	2	5	1	2					2	2	2	23	1	18	1.3	13	11	18	30	80		
SUAI	"	4		1		1	1											2	3	3	10	2	2		1			2	24	2	19	-	11	1.4	10	11	14	21	71		
MUTSING	"		1					1	1					1				1	1	1	5		5					3	18	3	18	2	13	1.5	10	5	14	23	62		
ORORI	24th.	7	6	1	1	1	1							2				4	2	2	4	17	5	4	2			4	50	6	46	3	40	1.2	22	23	35	53	161		
WOMPUA	"	8	3	1		2	2	1	1					2	2			3	1	26	5	2			1	1		11	48	4	39	2	30	1.8	38	29	26	45	173		
DABU	"	5	3			1		1	1					3				1		21	3	3			2			7	35	5	29	2	20	1.8	25	14	15	31	114		
ARIFIRAN	25th.	7	9	1	1			2	1					1	1			2	4	7	10		31	2	1	1		9	80	14	63	2	46	1.6	40	60	51	83	279		
ZUMIM	"	14	8	3	2	1		1						3	2			7	10	3	4	9	1	14	3	5		3	15	88	15	78	2	59	2	67	66	67	95	330	







# VILLAGE POPULATION REGISTER

Year.....1955/1956

**ATZERA CENSUS DIVISION.**

Govt. Print.—4391/10.52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS								MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		TOTALS		GRAND TOTAL									
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		AT WORK		STUDENTS		Males		Females		Child	Adults							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M				F	M	F				
	1955																																				
NAMARINGAN	May 16th	2	4			2	2					1				2		9	1	3	1	1				3	4	1	3	6	4	25	1.6	2734	39	51	16
BOGALING	"	3	9	1		2	1					1	1			1	2	1	19	6	7	1	1			8	4	5	3	1	30	1.8	3034	26	40	164	
TA-AP	17th	4	1			1	2					1	1			1	5						1			4	19	4	15	-	11	1.4	12	9	15	17	
ZUMANGORUS	"	1	5			1	1					1	2			3	2	3	25	5	2		4			4	58	9	35	7	30	1.4	3232	35	45	180	
WAPILAMPUN	"	2	5									1				1	1	2	9	5	2		1			9	39	2	34	2	29	1.8	331	23	32	39	
SANDAN	18th	11	8							1		3				3	1	3	19	4	10	1	1			14	76	8	66	2	51	2.1	65	45	85	281	
MANGYAP	"	4	4			1	1	2				2				2	2	1	7	2	7		2			7	54	7	60	1	45	1.4	31	30	47	72	
PINSIP	20th	4	5					1				2	1			3	5	5	11	5	4	1				5	55	9	49	4	44	1.8	35	46	62	208	
MINIUMP	"	6	3	1		1	1					1	2			3		2	17	3	3		2			8	52	3	45	5	31	2.5	41	27	39	55	
HASAWASIAJO	"	5	2													1	1		2	16	3	1	1			7	5	24	1	19	2.1	30	13	18	29		
MARANGTIS	23rd	1				2						1	1			1	1		2	5	1	2				2	2	2	22	1	18	1.3	13	11	18	30	
SUAI	"	4	1			1	1									2	3	3	10	2	2		1			2	24	2	19	-	11	1.4	10	11	14	21	
MUTSING	"	1				1	1					1				1	1		1	5	5					3	18	3	18	2	13	1.5	10	5	14	23	
ORORI	24th	7	6	1	1	1	1					2				4	2	2	4	17	5	4		2		4	58	6	46	3	40	1.2	22	23	35	53	
WONFUA	"	8	3	1		2	2	1	1			2	2			3		1	26	5	7		1	1		11	48	4	39	2	30	1.3	36	29	26	45	
DABU	"	5	3			1	1	1	1			3				1			21	3	1		2			7	35	5	29	2	20	1.2	25	14	15	31	
ARIPIRAN	35th	7	9	1	1			2	1			1	1			2	4	7	10		3	1	1			9	80	14	65	2	46	1.6	40	60	51	83	
SUMIN	"	14	8	5	2	1	1					3	2			7	10	3	4	9	14	3	5			15	88	15	78	2	59	2	67	66	67	95	

# VILLAGE POPULATION REGISTER

Year 1955/56

ATZERA CENSUS DIVISION CONTINUOUS

SHEET NO. "2"

Govt. Print. - 4291/10.52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL				
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 15		Females in Child Birth	In		Out		Inside District		Outside District		Govt.		Mission		Males		Females		Pregnant	Number of Child-bearing age		Average Size of Family	Child		Adults
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					M	F	M
		1955		MAY												M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M
ANBA	26th	4	6	1	2									1	1	2	2	2	1	12	3	4		1		1		8	40	7	40	-	26	1.2	24	1327	44	134	
ANTIRAGEN	27th	6	10	2	3	2	1							1	2	2	2	15	2	4				2				10	72	10	65	2	46	1.4	42	3658	79	238	
OPFRAGEN	30th	6	2	1	1	2										1	2	6	3	4				1				8	45	5	37	3	26	2.4	46	2941	46	176	
GANTISAP	"	5	9	2					1							1	5	2	6	7	2	7	2	4				9	57	7	47	3	35	2.2	35	39	50	56	202
KAIAPIT	31st	11	9			1	1	1	1					1	1	1	2	3	21	7	12	1	4	2				22	88	13	75	3	55	2	76	62	66	91	342
MAGYADUMPIAT	1st June	3	4			1	3	1						4	4	2	4		1	15	3	5		3				9	44	10	44	5	34	1.5	31	33	31	59	172
<b>TOTALS.</b>		<b>123</b>	<b>117</b>	<b>12</b>	<b>9</b>	<b>15</b>	<b>14</b>	<b>17</b>	<b>11</b>	<b>3</b>	<b>2</b>			<b>27</b>	<b>27</b>	<b>/</b>	<b>28</b>	<b>58</b>	<b>26</b>	<b>54</b>	<b>316</b>	<b>69</b>	<b>138</b>	<b>124</b>	<b>13</b>		<b>186</b>	<b>/</b>	<b>169</b>	<b>/</b>	<b>57</b>	<b>77</b>	<b>4</b>	<b>813</b>	<b>/</b>	<b>856</b>	<b>/</b>	<b>4232</b>	
																												<b>1185</b>	<b>/</b>	<b>1024</b>	<b>/</b>		<b>774</b>	<b>731</b>		<b>1244</b>			

# VILLAGE POPULATION REGISTER

Year... 1955/1956

ATARA CENSUS DIVISION.

Govt. Print.—4391/10.52.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES		TOTALS (Excluding Absentee)		GRAND TOTAL					
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		Inside District		Outside District		Govt.		Mission		Males	Females	Pregnant Number of Child-bearing age		Average Size of Family	Child		Adults	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F				M	F		
		1955		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M
HAMARINGAN	16th. May	2	4			2	2			1						2		9	1	3	1	1				3	45	14	36	4	25	1.6	2734	39	51	16	6
BOGABUANG	"	3	9	1		2	1			1	1			1	2			1	19	6	7	1	1			5	45	5	38	1	30	1.8	3034	26	40	16	
TA-AJ	17th.	4	1			1		2		1	1			1		1		5								4	19	4	15	-	11	1.4	12	9	15	17	59
ZUMANGORUS	"	1	5			1		1		1	2			3	2			3	25	5	2		4			4	58	9	35	7	30	1.4	3234	35	45	180	
WAFIBAMPON	"	2	5							1				1	1	2		9	5	2		1				9	39	2	34	2	29	1.831	25	32	39	144	
BAKJAN	18th.	11	8									1		3		1		3	19	4	10	1	1	5		14	76	8	66	2	51	2.165	45	46	85	281	
HANGIANG	"	4	4			1	1	2				2		2	2			1	7	2	7		2			7	54	7	60	1	45	1.451	30	47	72	198	
BINSIP	20th.	4	5					1				2	1			3	5	5	11	3	4	1				5	55	9	49	4	44	1.835	46	46	62	208	
BIRIMUMP	"	6	3	1		1		1				1	2			3		2	17	3	3		2			8	52	3	45	5	31	2.541	27	39	55	187	
NASAWASIANO	"	5	2									1		1	1			2	16	3	1		1			7	32	5	24	1	19	2.1	3013	18	29	111	
MARANGITS	23rd.	1	1					2				1	1			1	1	2	5	1	2					2	2	2	22	1	18	1.313	11	18	30	80	
BUAI	"	4		1		1	1							2	3	3		2	10	2	2		1			2	24	2	19	-	11	1.4	1911	14	21	71	
BUTSING	"		1					1	1			1		1	1			1	9		5					3	18	3	18	2	13	1.510	5	14	25	62	
ORORI	24th.	7	6	1	1	1	1	1				2		4	2	2		4	17	5	4		2			4	50	6	46	3	40	1.222	23	35	53	161	
WUMBUA	"	8	3	1		2	2	1	1			2	2			3		1	26	5	2		1	1		11	48	4	39	2	30	1.838	29	26	45	173	
BABI	"	5	3		1			1	1			3				1		2	1	3	3		2			7	35	5	29	2	201.825	14	15	31	114		
ALY-DAH	25th.	7	9	1	1			2	1			1	1			2	4	7	10		3	2	1	1		9	80	14	63	2	46	1.640	60	51	85	219	
BUMIN	"	14	8	3	2	1		1				3	2			7	10	3	4	9	1	14	3	3		15	88	15	78	2	59	2	67	66	67	95	330





# ation Register

Area Patrolled.....ATZERA CENSUS DIVISION.

LOCATIONS		ABSENT FROM VILLAGE AT WORK				STUDENTS				LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL
Out		Inside District		Outside District		Govt.		Mission		Males		Females		Pregnant	Number of Child Bearing Age	Average Size of Family	Child		Adults		
M	F	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45				M	F	M	F	
			9	1	3	1	1			3	45	14	36	4	25	1.6	27	34	39	51	166
	1	19	6	7	1	1				8	45	5	38	1	30	1.8	30	34	26	40	164
	1	5					1			4	19	4	15	-	11	1.4	12	9	15	17	59
	3	25	5	12			4			4	58	9	35	7	30	1.4	32	32	35	45	180
2		9	5	2			1			9	39	12	34	2	29	1.8	31	25	32	39	144
1	3	19	4	10	1		1		5	14	76	8	66	2	51	2.1	65	45	46	85	281
		7	2	7			2			7	54	7	60	1	45	1.4	31	30	47	72	198
5	5	11	3	4	1					5	55	9	49	4	44	1.8	35	46	46	62	208
	2	17	3	3			2			8	52	3	45	5	31	1.5	41	27	39	55	187
	2	16	3	1			1			7	32	5	24	1	19	2.1	30	13	18	29	111
	2	5	1	2							22	2	22	1	18	1.3	13	11	18	30	80
3	2	10	2	2			1			2	24	2	19	-	11	1.4	10	11	14	21	71
	1	5		5						3	10	3	18	2	13	1.5	10	5	14	23	62
2	4	17	5	4			2			4	50	6	46	3	40	1.2	22	23	35	53	161
1	1	26	5	2			1		1	11	48	4	39	2	30	1.8	38	29	26	45	173
		21	3	3			2			7	35	5	29	2	20	1.8	25	14	15	31	114
4	7	10		31	2		1		1	9	80	14	63	2	46	1.6	40	60	51	83	279
3	4	9	1	14	3		5		3	15	83	15	78	2	59	2	67	66	67	95	330
2	1	12	3	4			1		1	8	40	7	40	-	26	1.2	24	18	27	44	134
	2	15	2	4			2			10	72	10	65	2	46	1.4	42	36	58	79	238
	2	6	3	4			1			8	42	5	37	3	26	2.4	46	29	41	46	176
2	6	7	2	7	2		4			9	57	7	47	3	35	2.2	35	39	50	56	202
3	3	21	7	12	1		4		2	22	88	13	75	3	55	2	76	62	66	91	342
	1	15	3	5			2			9	44	10	44	5	34	1.5	31	33	31	52	172
26	54	316	69	138	12		40		13	186 / 1183	169 / 1024	57	774				813 / 731	856 / 1244			4232 /

→ J. N. A.,  
P.M.



TERRITORY OF PAPUA AND NEW GUINEA

# PATROL REPORT

District of MOFOBE Report No. KALAIT NO. 1 of 1955/56

Patrol Conducted by G. R. GREY PATROL OFFICER

Area Patrolled YAROS AND MARKHAM HEADWATERS

Patrol Accompanied by Europeans NIL

Natives 5

Duration—From 11/8/1955 to 26/8/1955

Number of Days 16

Did Medical Assistant Accompany? —

Last Patrol to Area by—District Services 8/1954

Medical 1/1955

Map Reference 2033 MARKHAM 4 mile Army Stat. Series.

Objects of Patrol 1) Census revision

2) Routine Administration.

DIRECTOR OF DISTRICT SERVICES  
~~AND~~ NATIVE AFFAIRS,  
PORT MORESBY.

Forwarded, please.

7/10/1955

H. P. Seal 46

District Commissioner OFFICER  
LAF

Amount Paid for War Damage Compensation ... £.....

Amount Paid from D.N.E. Trust Fund ... .. £.....

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

.....  
.....  
.....

# Village Popul

Year.....1955/56.....

VILLAGE	DATE OF CENSUS	Births		DEATHS												Males in Child Birth	Males	
				0-1 Month		0-1 Year		1-4		5-8		9-13		Over 13				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F			M
NAWANTMARAN	11/8/55															1		
AMARI	11/8/55	3	1													1	1	
SAMARAN	12/8/55	8	5		1				1							1		
YAMPUA	12/3/55	4	5		1		2											2
DANTAP	13/8/55	5	4				1									1	1	
MITRING	15/8/55	1	2													2		2
TARI	15/8/55	3	1													1		
MARAFU	16/8/55	5	4	1	1			1	1				1			2		
SUMERA	16/8/55	4	3			1	1		1							1		
SIGITISRUMPUM	17/8/55	6	3	1												1		
MAIASARIANG	17/8/55	5	4			1	1					1				3		
TOFMORA	17/8/55	5	3			1										2		8 1
GUTSUAP	17/8/55	1	3						1							1		1
GAINARUN	18/8/55	1	5			1			1									
NARUTSAMIANG	18/8/55	1							1									2
<b>TOTALS</b>		52	43	2	3	4	5	4	3			1	1	17	2			15 2
<b>MARKHAM HEADWATERS CENSUS</b>																		
LENKUAM	19/8/55	1	1													1	2	1
NUMBUGU	20/8/55	2	2													1		4
SAMERA	21/8/55	1				1										2	1	
KAPARA	22/8/55	3	2		1											1		13
MARABOI	23/8/55	2	2				1					1				2	2	
YANKOWAN	25/8/55	1	3						1							1		
HINGGIA	24/8/55	2		1														
GUSAP	24/8/55	1		1					1									
RUMPA	25/8/55	2		1														
<b>TOTALS</b>		15	10	3	1	1	1	2				1		8	5			18 2

XIX NA.30-9-6  
1-3-10(5)

22nd March, 1956.

The District Officer,  
L.A.E.

PATROL REPORT NO. 1 KAIAPIT 1955/56 -  
MR. G. R. GREY, F.O.

Receipt is acknowledged of the Report. It is presumed that the Army Authorities have been advised of the existence of the unexploded bomb mentioned in the final paragraph of your covering memorandum, dated 1st October, 1955.

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

*ETA BW 2/3*



TERRITORY OF PAPUA AND NEW GUINEA

36/9/55 ✓

In Reply  
Please Quote

HPS, LH.

No.



Department of Native Affairs,  
L.A.E.

1st October, 1955.

The Director,  
Department of Native Affairs,  
PO. MORESBY.

PATROL REPORT NO. 1 KAIAPIT 1955/1956.  
BY PATROL OFFICER G.R. GREY TO IAROS AND  
MARKHAM HEADWATERS.

I attach a Patrol Report by P.O. Grey for your information and comments.

This is Mr. Grey's initial patrol report in this District. It was a routine patrol to a well settled area; and calls for little comment.

It is noted that the people at the Headwaters of the Markham Valley have decided to settle down, and it is hoped they will prove a lead to the balance of those bush natives who proved themselves so difficult in 1949/1950.

The high percentage of absentees is noted. I have drawn the attention of the District Agricultural Officer to the requirements of the YANKOWAN people, as regards young coffee. I know this area, and I am sure it conforms to the pattern of the other fertile pockets in the Finisterre Mountains.

Could the appropriate authorities be advised as to the location of the large bomb at GAINARUN please.

*H.P. Seale*

(H.P. Seale)  
DISTRICT OFFICER.

P/A *20/3*

TERRITORY OF PAPUA AND NEW GUINEA.

KAIAPIT PATROL REPORT No 1 of 1955/56

Patrol conducted by :-

G.R.Grey P.O.

Personell accompanying:-

3 members of R.P.&N.G.C.  
1 personal servant

Area patrolled:-

MARKHAM H/Waters and YAROS  
census subdivision.

Map reference:-

2033 MARKHAM 4 mile stat. series.

Duration of patrol:-

11th. August 1955 to 26th. August  
16 days.

Objects of patrol:-

- 1) Census revision
- 2) Routine Administration.

## INTRODUCTION.

Exactly twelve months had elapsed since the last Native Affairs patrol to the area, that was by Mr. Calder P.O. and when a medical patrol went through in January of this year.

This patrol was a normal census and routine administration patrol; no difficulties were expected and none encountered.

-ooOoo-

## DIARY

### August 11th.

0725 hrs. Departed station, walking up bed of the MANIAN river.  
0945 hrs. Arrived AMARI village, census and inspection.  
P.M. Crossed to NAWANTMARAN village, census inspection and returned to AMARI.

### August 12th.

0710 hrs. Departed AMARI  
0810 hrs. Arrived SAMARAN Census and inspection.  
1215 hrs. Left SAMARAN  
1245 hrs. Arrived at YAMPUA village, census and inspection.

### August 13th.

0750 hrs. Departed YAMPUA crossed MAMI river and climbed to DANTAP at 0810 census, inspection of village and clinic then returned to YAMPUA at 1500.

### August 14th.

Sunday observed.

### August 15th.

0750 hrs. Departed YAMPUA, returned to MANIAN river and followed upstream  
0930 hrs. Arrived at MITSING village, census and inspection.  
P.M. Climbed to nearby TARI village, (15mins), census inspection then returning MITSING.

### August 16th.

0755 hrs. Left MITSING, followed up MANIAN river till 0830 hrs. climbed  
0915 hrs. Arrived at MARAFU village, census and inspection.  
1200 hrs. Departed MARAFU and arrived at SUMERA 50 minutes later, census and inspection. One constable suffered from a fit early in the evening and about midnight set out for KALAPIT station.

### August 17th.

Sent runner to advise O.I.C. of constable's run-out & request a replacement.  
0800 hrs. Departed SUMERA and climbed sharply.  
0840 hrs. Arrived at SIGITSRUMPUM village census and inspection.  
1015 hrs. Left and descended to the YAFATS river, followed downstream.  
1145 hrs. Arrived MAIAMSARIANG on kunai flats, census and inspection  
P.M. Census and inspection of nearby TOFMORA and GUTSUAP also clinic at GUTSUAP. Police replacement arrived ex KALAPIT.

### August 18th.

A.M. Proceeded to GAINARUN (15mins) census and inspection. Then on to NARATSAMIANG (1 hr) census inspection and returned to MAIAMSARIANG at 1300.  
P.M. Investigated report of unexploded bomb about 1 hours walk away towards the YAFATS river mouth.

### August 19th.

0615 hrs. Departed MAIAMSARIANG, passed through TOFMORA & GUTSUAP  
0800 Arrived at the junction of the UFIM & UMI rivers; followed UFIM upstream till 1000 hrs.; climbed and then descended to the SILAM river, track in bad condition, climbed again.  
1130 Arrived at very small village of LANKUAM, census and inspection. Very cold and closed in by cloud.



August 20th.

0750 hrs. Departed LANKUAM along a ridge, then descended.  
0840 hrs. Crossed the UFIM river on a native bridge, climbed  
1015 hrs. Arrived at new village of NUMBUGU, census and inspection.  
1325 hrs. Departed NUMBUGU, followed a ridge in an arc, then descended  
1530 hrs. Arrived at SAMERA village.

August 21st.

Census and inspection; Sunday observed.

August 22nd.

0735 hrs. Departed SAMERA and descended to BIAPANG river, climbed then  
along a ridge and descended  
1130 hrs. Arrived at UMI river; running high and fast, we bridged it  
with sapling structure, crossed and then ascended.  
1300 hrs. Arrived at KAPARA, census and inspection.

August 23rd.

0900 hrs. Departed KAPARA.  
1130 hrs. Arrived at MARABOI village, census and inspection.  
1315 hrs. Departed MARABOI  
1540 hrs. Arrived at YANKOWAN village, track good on last stretch.

August 24th.

0830 hrs. First sign of the sun for five days now.  
Left YANKOWAN for GUSAP (1½ hrs.) conducted census and  
inspection, back tracked to HINGGJA, another census and insp-  
-section; returned to YANKOWAN in P.M.

August 25th.

Census and inspection of YANKOWAN.  
1000 hrs. Departed and walking over excellent road.  
1130 hrs. Arrived at RUMPA, census, inspection. Heard Adultery charge  
in Court for Native Affairs.  
1330 hrs. Left RUMPA and descended to the flats.  
1645 hrs. Arrived at RAGITSARIA village.

August 26th.

0700hrs. Departed RAGITSARIA, road in good condition  
1148 hrs. Arrived at UMI river, crossed; met by pushbike from station  
where I arrived at 1330 hrs.

-30000-

NATIVE AFFAIRS.

The main matter of interest on this topic was the migration of people to the village of KAPARA; the figures are thirteen males and thirteen females and these together with natural increase have more than doubled the village population, taking the total from 26 to 55 in the last twelve months.

The people were originally from scattered hamlets from the WANTOAT and MADANG districts and it is heartening to see them settling down as they are; a few people still remain in the bush but I think it is only a matter of time before they also realize the advantage of village life and gather at the village.

One Court for Native Affairs was held at RUMPA, it being an adultery case in which the accused was found guilty and sentenced to two months I.H.I.. No other magisterial matters were attended by the patrol.

-00000-

CENSUS:-

The census revision of the YAROS area showed an overall increase in the population of fifty six in the last twelve months with figures of 2130 and 2074. This is attributed to a natural increase there having been ninety five births and 42 deaths.

The proportionate rate of births in the UFIM area was higher than in the YAROS i.e. 4% to 2% but so also was the rate of deaths, they being 4% to 1%. However the UFIM group still showed an increase of thirty two in the population, due to heavy migration to the village of KAPARA, these being bush people now settling down.

The average size of the family in the YAROS area is figured at 1.5 only one village had this actual figure but the rest were in the general vicinity. the average size in the UFIM was figured higher at 1.8.

-ooOoo-

NATIVE LABOUR:-

The percentage of male natives at work in the 16-46 age group in the YAROS is 46.6; this figure is fairly high and any more recruiting of this area would be likely to have a bad effect on the villages in the way of maintenance of houses gardens etc. This would apply especially in the cases of MAIAMSARIANG, TOFMORA, GUTSUAP, GAINARUN, and NARUTSAMIANG villages situate on the flats at the edge of the mountains. These villages are responsible for new coconut plantations and if the work is going to be left to the aged males, women and children it seems probable to me that the plantation would suffer in consequence. The absentees of these villages are rated as:- 43.4%, 44.1%, 37.2%, 42.9%, and 40.4% respectively.

Labour absentees in the UFIM area are normal at 33.3%, although the village of SAMERA has fourteen absentees from only nineteen eligibles, i.e. 73.7% of the potential.

-ooOoo-

EDUCATION AND MISSIONS:-

The Lutheran Mission, centred at KAIAPIT, has schools under native teachers in almost every village in both sub-divisions and these are apparently well attended; also there are thirty students absent at school either at KAIAPIT or other Lutheran stations near the coast.

The natives of the YAROS area have taken advantage of the opening of a government school at KAIAPIT this year, for seventeen children are attending from this group. The UFIM is quite a way from the station and as yet no attendants are listed from there although are adequately catered for by the mission.

-ooOoo-

AGRICULTURE AND LIVESTOCK:-

The YAROS villages on the valley flats have started on coconut plantations in keeping with the general KAIAPIT expansion program; unfortunately, the writer was under the impression that the natives were only in the ~~stage~~ stage of collecting seed nuts and I did not see the plantations; all these villages have piles of nuts gathered in ~~their~~ their groves for germinating. The sizes of nuts seen in these village groves was good and superior to others seen around the KAIAPIT villages.

The village officials of YANKOMAN in the UFIM area broached the subject of a cash crop in the form of coffee, in order to keep up with their valley neighbours who have the coconut plantations. The writer is not conversant with the requirements for successful coffee growth, but is assured that the area is not too hot. The kunai hills may be too steep although water drainage would then be a simple matter.

The people are to be commended for their interest and should coffee prove impracticable, perhaps some other cash

crop could be introduced to them, preferably in the near future whilst interest is still sustained.

European vegetables are grown in the area from MARABOLX TO RUMPA with quite some success.

Livestock seen was the usual village pigs and fowls, with three or four goats seen in the YAROS.

-ooOoo-

ROADS & BRIDGES:-

Tracks through the area were good, except for one section of the GUTSUAP - LANKUAM road which entails climbing up a waterfall course and some rather perilous paths along mountain sides; those responsible for the section were ordered to KAIAPIT on completion of the patrol as they had been told to cut the track into reasonable condition by the last patrol.

The roads from MARABOI onwards are in excellent condition, being wide and well graded.

The main LAE- KAINANTU road which passes through the AMARI was in good order, a seven ton tanker had passed through about two weeks prior to my travelling the road and the hard dry surface had stood it well.

-ooOoo-

VILLAGE OFFICIALS:-

There is one paramount Luluai in the YAROS; he is AMPOM of DANTAP, he accompanied the patrol through his area and was of assistance to the patrol. The other officials of the YAROS were helpful to a degree but none appeared outstanding.

The Eastern villages of the MARKHAM H/waters lost two of their luluais through death; they being from the villages of LANKUAM and SAMERA, no new appointments were made. Other officials seemed keen to co-operate, but being new they were of little assistance however will improve with more patrolling of the area.

The Western villages have quite efficient officials, the most outstanding being PEIANO tultul of YANKOWAN a position he has held since 1934.

-ooOoo-

MEDICAL AND HEALTH:-

A medical inspection of all children was carried out in the censused villages and the general health pattern was good. One baby of about 6 months was sent into KAIAPIT for treatment for malnutrition (?)

The first medical patrol to the Eastern villages of the Markham H/waters was carried out in January of this year, and the health seems to have improved since the last D.N.A. patrol in August 1954 due no doubt to the people heeding instructions, given on that and the following medical patrol, to attend aid posts.

Some instructions were given for improvement of hygiene, but very few were necessary, most arrangements being satisfactory

-ooOoo-

GENERAL:-

On the information of a GAINARUN native, I investigated an unexploded bomb near where the YAFATS river leaves the foothills and enters the valley floor. The bomb was about four feet long and about 14" in diameter, no tail piece was attached.

I apologise for the time taken to present this report, but I attended the Malarial Control school at MINJ, almost immediately after the completion of the patrol, and this is the first chance I have had at a typewriter.

G.R.Grey P.O.

*G.R.Grey*

VAROS GROUP.

VILLAGE POPULATION REGISTER

YEAR 1955.

Govt. Print—1875/9.53.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (excluding absentee)				GRAND TOTAL													
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		O. 13		Females in Child Birth		IN		OUT		AT WORK				STUDENTS				MALES		FEMALES			Pregnant	Number of Child-bearing age	Child			Adults												
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				M	F														
		10-16	16-45	10-16	16-45	Govt.	Mission	Govt.	Mission	Govt.	Mission	Govt.	Mission	Govt.	Mission	Govt.	Mission																																			
AMARI	11/8	3	1																5	2	2												4	15	4	13	13	2.2	17	20	15	19	77									
NAWANTMARAN	✓																		1		1												4	18	3	14	1	14	1.5	8	11	9	18	61								
SAMARAN	12/8	8	5	1			1												1														11	44	6	38	2	40	1.6	32	31	35	47	167								
KAMPUA	✓	4	5	1		2													2		1												3	26	7	26	2	24	1.6	17	21	16	31	103								
DANTAP	13/8	5	4			1													1		1												16	53	17	49	3	42	2.0	41	43	37	52	205								
MITRING	15/8	1	2																2		3		2										10	29	5	29	2	26	1.4	20	18	16	27	114								
TARI	✓	3	1																1		2		3										10	40	3	28	23	1.6	28	18	18	28	122									
MARAFU	16/8	5	4	1	1		1	1											1														8	44	6	39	4	37	1.2	22	26	93	54	164								
SUMERA	✓	4	3		1	1		1											2															14	4	4		1	2	1	3	45	10	35	3	30	1.6	28	25	34	45	158
SIGISTRUMPUN	17/8	6	3	1																	2													10	28	8	33	1	30	1.8	27	30	25	59	134							
MAIAMSARIANG	✓	5	4		1	1													1		4		19	6	4	1								8	53	3	49	2	48	1.7	27	28	38	51	176							
GAINARUN	18/8	1	5		1	1													2		1		12	3	3									3	35	4	33	1	33	1.6	18	26	24	39	126							
VARUTSAMIANG	✓	1				1													2		2			12	3	5								4	42	5	34	1	31	1.8	19	13	30	41	125							
TUMORA	17/8	5	3		1														2		8		10	2	3									11	68	13	59	3	57	1.8	44	46	44	58	233							
GUTSUAP	✓	1	3				1												1		3		5	9	16	4	3							4	51	13	40	1	40	1.7	33	30	35	44	165							
Totals		52	43	2	3	4	5	4	3					1	1	17	2			15	28	12	25	216	52	60	5	17				13	3	109	592	107	518	26	490		316	386	409	573	2130							

UPM/UMI AREA

# VILLAGE POPULATION REGISTER

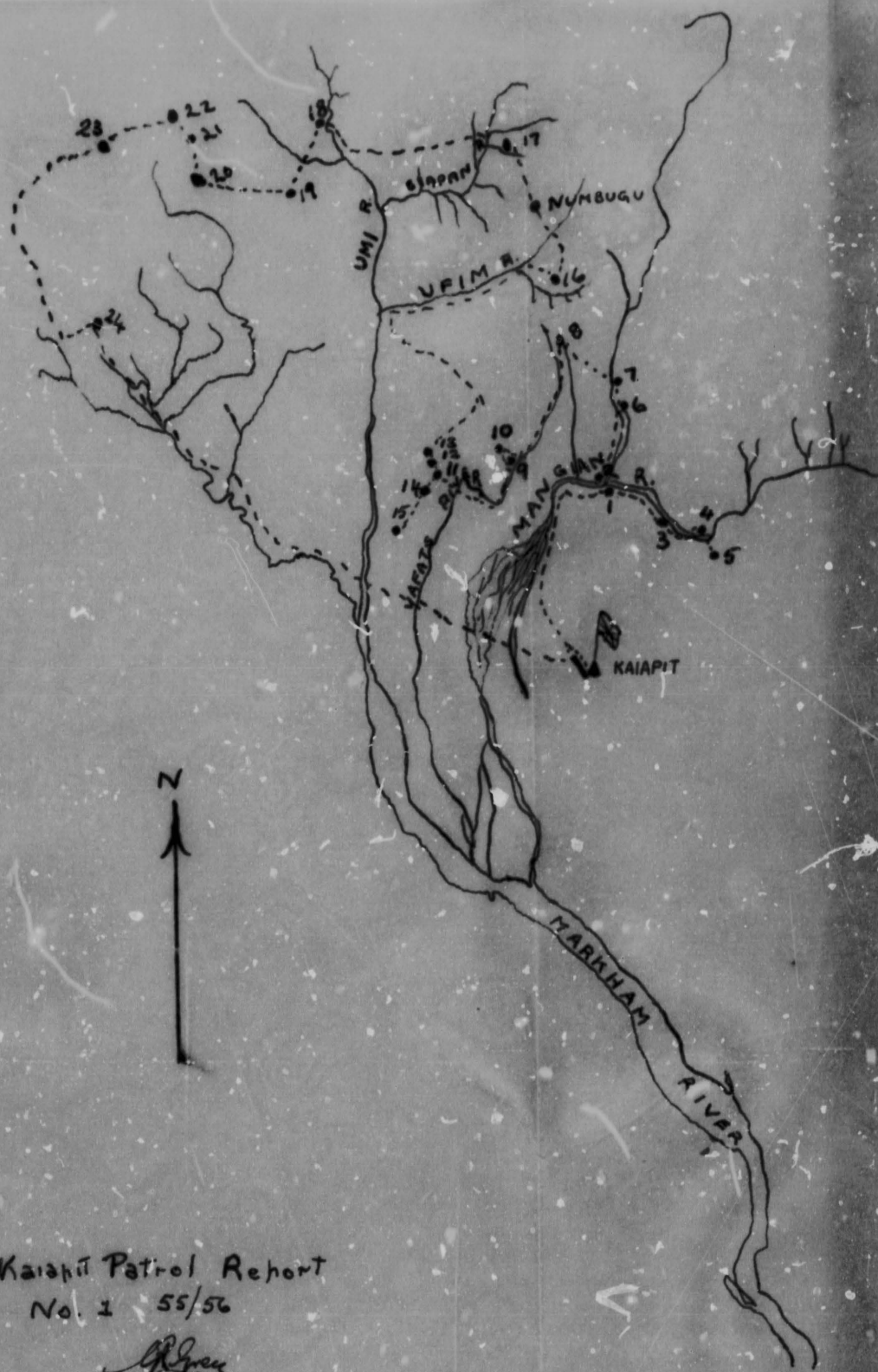
YEAR 1955

Govt. Print.—4875/9.53.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FORM VILLAGE				LABOUR POTENTIAL				FEMALES	Average Size of Family	TOTALS (excluding absentee)				GRAND TOTAL							
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	IN		OUT		At Work		STUDENTS		MALES		FEMALES			Child	Adults										
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M			F									
		10-16	16-25	10-16	16-25	Pregnant	Number of Child-bearing age	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F										
LANUVAM	19/8	1	1											1	2	1	1			2						3		2	11	12	11	2.6	12	4	7	12	24+40	40			
NUMBUGU	20/8	2	2												1	4	4	1		2		1				1	1	9	18	6	20	1	19	2.5	26	14	15	20	45+35	80	
SAMURA	21/8	1													2	1			3	3			14			3		7	19	7	22		20	1.5	10	15	6	23	33+38	71	
KAPARA	22/8	3	2												1	13	13					1					1		8	13	3	13	1	13	1.8	16	10	12	15	30+25	55
MARABOI	23/8	2	2												1	2	2									2		7		26	2	15	1	14	1.3	17	9	17	22	45+21	76
GUSAP	24/8	1	1												1							1					1		7	12	1	10		9	1.4	8	7	12	11	23+15	41
HINGGIA	✓	2	1																	7		5				2		6	30	3	18	3	17	1.7	15	11	20	20	49+21	80	
YANKOWAN	25/8	1	3												1	3	2	3		10								5	32	4	26		23	2.1	21	26	20	28	52+54	108	
RUMPA	✓	2	1													2	1	1		3								6	21	4	18	1	15	1.5	15	10	17	19	26+29	65	
Totals		15	10	3	1	1	1	2		1	8	5	18	22	5	6	16	44								13	1	57	182	30	154	7	141	140	106	126	170	339+270	616		

a

ERAT



- 1 AMARI
- 2 NAWANTMARAN
- 3 SAMARAN
- 4 YAMPUA
- 5 DANTAP
- 6 MITSING
- 7 TARI
- 8 MARAFU
- 9 SUMERA
- 10 SIGISTAUMPUM
- 11 MAIAMSARIANG
- 12 TOFMORA
- 13 GUTSUAP
- 14 GAINARUM
- 15 WARUTSAMIANG
- 16 WANKUAM
- 17 SAMEA
- 18 KAPARA
- 19 MABOI
- 20 KOWAN
- 21 HINGGIA
- 22 GUSAP
- 23 RUMPA
- 24 RAGITSARIA

Kaiapit Patrol Report  
No. 1 55/56

*[Handwritten signature]*

# ation Register

Area Patrolled...YAROS AND MARKHAM HEADWATERS

GRATIONS		ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absen e)				GRAND TOTAL	
Out		AT WORK		STUDENTS				Males		Females		Pregnant	Number of Child Bearing Age	Child			Adults					
M	F	Inside District	Outside District	Govt.	Mission	M	F	M	F	10-16	16-45			10-16	16-45		M	F	M	F		M + F
	1	10	1	1		1		1	1	4	18	3	14	1	14	1.5	8	11	9	18	61	
		5	2	2		2				4	15	4	13		13	2.2	12	20	15	19	77	
1		13	1	4	2	2				11	44	6	38	2	40	1.6	32	31	35	47	167	
1	1	13	2	2		1				3	26	7	26	2	26	1.6	17	21	16	31	103	
1	1	19	4	3	1	2		2	1	16	53	17	48	3	42	2.0	41	43	37	52	205	
3	1	2	11	6	9	1	3		3	10	29	5	29	2	26	1.4	20	18	16	27	114	
1	2	3	21	3	5		1			10	40	3	28		23	1.6	28	18	18	28	122	
1		20	3	6						8	44	6	39	4	37	1.2	22	26	33	54	164	
2		14	4	4		1		2	1	3	45	10	35	3	30	1.6	28	25	34	45	158	
	2	8	12	2		1		1		10	29	8	33	1	30	1.8	27	30	25	39	134	
	4	19	6	4	1			2		8	53	3	49	2	48	1.7	27	28	38	51	176	
0	2	3	23	0	7		1		1	11	68	13	59	3	57	1.8	44	46	44	58	233	
3	5	9	16	4	3					4	51	13	40	1	40	1.7	33	30	35	44	165	
2	1	12	3	3				1		3	35	4	33	1	33	1.6	18	26	24	39	126	
2		12	3	5		2				4	42	5	34	1	31	1.8	19	13	30	41	125	
8	12	25	21	52	60	5	17		13	3	109	592	107	518	26	490	1.5	378	386	409	593	2130
	1			2				3		2	11		12		11	2.6	12	4	7	12	40	
4	1		2	1				1	1	9	18	6	20	1	19	2.3	26	14	15	20	80	
	3	3		14				3		7	19	7	22		20	1.5	10	15	6	23	71	
13				1				1		8	13	3	13	1	13	1.8	16	10	12	15	55	
		2		7				2		7	26	2	15	1	14	1.3	17	9	17	22	76	
3	2	3		10						5	32	4	26		23	2.1	21	26	20	28	103	
		7		5				2		6	30	3	18	3	17	1.7	15	11	20	20	80	
		1		1				1		7	12	1	10		9	1.4	8	7	12	11	41	
2	1	1		3						6	21	4	18	1	15	1.5	15	10	17	19	65	
2	5	6	16	44				13	1	57	182	30	154	7	141	1.8	140	106	126	170	616	

DNA  
P.M.



TERRITORY OF PAPUA AND NEW GUINEA.

# PATROL REPORT

District of MOROBE Report No. KALFIT No. 2-1955/56

Patrol Conducted by D. G. CALDER, P/O.

Area Patrolled ONGA and WAFFA HEADWATERS DIVISIONS.

Patrol Accompanied by Europeans Nil.

Natives 7

Duration - From 17/1/56 to 24/1/56  
From 27/1/56 to 8/2/56

Number of Days 21

Did Medical Assistant Accompany? N.M.A. only.

Last Patrol to Area by - District Services Dec. 1954 to Onga area.  
March, 1953 to Waffa Headwaters  
 Medical ... Sept. 55 to Onga Area  
Nov 19 to Waffa Headwaters area.

Map Reference 2033 Markham 4 mile Army Strat. Series.

Objects of Patrol (1) Revision of Census  
(2) General Administration.

DIRECTOR OF DISTRICT SERVICES  
AND NATIVE AFFAIRS,  
PORT MORESBY.

Forwarded, please.

19

District Commissioner

Amount Paid for War Damage Compensation ... £ Nil.

Amount Paid from D.N.E. Trust Fund ... .. £ Nil.

Amount Paid from P.E.D.P. Trust Fund ... .. £ Nil.



# Village Popul

Year..... **1956**

## Onga Division

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIG			
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	
Onga	18 <sup>Jan</sup>	8	8													2		1	1
NARUBO IN	-	4	5						1										
AWAN	19 <sup>th</sup>	4	5	1	2	1			1							2			1
SINGAS	-	4	2					1	2							2	2		
SIATS	2 <sup>nd</sup>	1	4			1			1	1						1	1		
ANTIR	-	1	9					1								2	3		1
RAMPA	21 <sup>st</sup>		2			1										1	1		
NAROWAINE	"	2	1			1	1		1	3						1	1		1
YANUF	22 <sup>nd</sup>	1		1												1		4	1
GURUF	23 <sup>rd</sup>	1	1														3		2
ITSINGANTS	-	1	2					1								1	1		
YATSING	-					1			1	1						2	2		
PUGUAP	-	1	1														1		1
INTOAP	-	2														1	2		
<b>TOTALS</b>		<b>30</b>	<b>40</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>2</b>							<b>14</b>	<b>19</b>		<b>5</b>	<b>8</b>

## Wapa Headwaters Division

YASURU	1956 Jan 30 <sup>th</sup>	2	2						1							9	8		
MUSING	- 31 <sup>st</sup>	17	14	1	1	1	1	3	1	2			1	10	16			9	8
TUMBUNA	FEB 1 <sup>st</sup>	13	10					2	2	2	2	2		2	23			3	7
SIAGA	2 <sup>nd</sup>	8	12					1	1						6	5			
URINT	3 <sup>rd</sup>	1	2					2						2	10	11			
WAIGWANOM	4 <sup>th</sup>	5	2						3	1	1	1			8	8		16	23
ONUNK	6 <sup>th</sup>	4	2			1					1		1	2	1				1
<b>TOTALS</b>		<b>50</b>	<b>44</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>17</b>	<b>72</b>			<b>28</b>	<b>29</b>

XX NA. 30-9-23

5th June, 1956

The District Officer,  
Morobe District,  
LAE.

KAIAPIT PATROL REPORT No. 2-1955/56

Receipt of the above patrol report and  
your memo 11/4/56-184 of the 4th May, 1956  
is acknowledged.

Please submit your recommendations for  
the appointment of village officials by separate  
memorandum.

*A.A.*  
(A.A. Roberts) *J*  
Director.

*P/A*  
*for*  
*6/6*



TERRITORY OF PAPUA AND NEW GUINEA

28/1/53 ✓

DYN. AH

8 - MAY 1956  
PORT MORESBY

In Reply  
Please Quote

No. 11/4/56 - 184

Department of Native Affairs,  
LAE.

4th May, 1956.

The Director,  
Department of Native Affairs,  
PORT MORESBY.

KAIAPIT PATROL REPORT NO. 2/1955-56

The above-mentioned Report is forwarded together with the following comments:-

NATIVE AFFAIRS (P.3)

The changing over of Waffa Headwaters area was introduced in order to bring the people closer to an administration centre. The WAFFA people have closer social ties with their Kaiapit neighbours.

NATIVE ECONOMIC DEVELOPMENT (P.4)

The new plantings are the result of good work done by Mr. Calder who is to be congratulated. By the time the palms mature, the Lae-Gusap Road should be completed and marketing of produce rendered easier.

VILLAGE OFFICIALS (P.5)

Confirmation of the provisional appointments is recommended.

MEDICAL AND HEALTH (P.5)

The District Medical Officer has been informed on the epidemic.

*Young Whitforde*  
(D. Young Whitforde)  
A/DISTRICT OFFICER

D/6

TERRITORY OF PAPUA AND NEW GUINEA.

DISTRICT OF MOROBE.

KALAPIT.

R O L R E P O R T .

REPORT NUMBER. Kalapit No. 2-1955/56.

PATROL CONDUCTED BY. D. G. Calder, Patrol Officer.

PERSONNEL ACCOMPANYING. 7 members of R. P. & N.G.C. as follows ;

No. 6110 PA	L/Cpl. YAGQVI.
No. 6128PA	Constable KARAU.
No. 6606	" MUNGUMBI
No. 6699	" HIKI
No. 8387	" KOMBOROR
No. 8858	" WAIN
No. 9238	" MAI.

N.M.O. GAT of P.H.D.  
1 personal servant.

AREA PATROLLED . ONGA Census Division and WAFFA Headwaters  
Census Division.

MAP REFERENCE. 2033 Markham 4 Mile Army Strat. Series.  
Sketch attached.

DURATION of PATROL. From 17th. January, 1956 to 24th. January,  
1956. From 27th. January 1956 to  
8th. February, 1956.

NUMBER OF DAYS SPENT ON PATROL. 21 days.

OBJECTS OF PATROL. (1) Revision of census.  
(2) General Administration.

*D. G. Calder*  
D. G. Calder,  
Patrol Officer.

INTRODUCTION.

This patrol was conducted to revise the census in the ONGA and WAFFA Headwaters Divisions.

The WAFFA HEADWATERS Division was previously under the administration of MUMENG Patrol Post, but has now been transferred to the jurisdiction of Kaiapit owing to its proximity to Kaiapit.

The Onga Division was last patrolled by Mr. P/O Calder, on Kaiapit Patrol No. 3-54/55 of December, 1954, and the Waifa Headwaters area was last patrolled by Mr. P/O Proctor on Kaiapit Patrol No. 3-52/53 of March, 1953.

The last medical patrol to the Onga area was in September, 1955 and there has been no medical patrol to the Waifa Headwaters area.

The Onga people in the valley have been engaged in planting up new stands of coconuts in furtherance of this District's Economic Development Scheme, and this was the first time the writer has had to actually inspect their new plantations. Further mention of this will be made in the body of the Report.

1956.

D I A R Y.

January, 17th.

Departed station per truck at 9 am. Arrived MUTSING village at 10 am. Met by carriers from ONGA. Departed MUTSING at 10.20 am. Forged Markham River. Passed through SINGAS and AWAN villages. Arrived ONGA village at 12.15 pm. Lunch. Village Officials from INTOAP, YALSING, NAROWAINE, SIATS and ANTIR villages reported. Discussions with V/Os. Patrol entertained by a singsing at night.

January, 18th.

Census taken of ONGA village. Village inspected. New coconut plantation inspected. Discussions with V/Os. Departed ONGA 1.10 pm. Arrived NARUBOIN at 1.25 pm. Census taken and village inspected. Forged WANTON River and inspected new coconut plantation. Inspected NARUBOIN No. 2. Returned to ONGA arriving 3.30 pm. Census figures and minor matters.

January, 19th.

Departed ONGA 7.55 am. Inspected Clinic. Arrived AWAN 8.30 am. Census taken and village inspected. One matrimonial dispute settled. Continued on to SINGAS village (15 minutes). Census taken and village inspected. Inspected new coconut plantations of AWAN, SINGAS and INTOAP villages. Returned to ONGA arriving 1.30 pm. One C.N.A. held. Present of a pig and fowls made to patrol by villagers. Singsing held at night.

January, 20th

Departed ONGA 6.40 am. Forged WANTON River. Ascended to 2550' and arrived SIATS at 8.5 am. Census taken and village inspected. Departed 9.35 am. Followed road along ridges and arrived ANTIR (3500') at 10.35 am. Census taken and village inspected. Minor matters. Rain during afternoon.

January, 21st.

Departed 6.45 am. Followed track over ridges. Inspected DANTA, a hamlet of ANTIR. Arrived BAMPA at 7.35 am. Census taken and village inspected. Departed 8.15 am. Descended to NARASUANTS River. Arrived NAROWAINE at 11.15 am. Lunch. Census taken and village inspected. Minor matters. Singsing held at night.

January, 22nd.

Departed NAROWAINE at 7 am. Forged WAMIN River. Arrived YANUF at 8.15 am. Census taken and village inspected. Departed 8.55 am. Inspected new coconut plantation of NAROWAINE-YANUF (1873 palms). Continued on. Arrived GURUF village at 10 am. Village inspected. Discussions with Village Officials and minor matters.

January, 23rd.

Census taken. Inspected new coconut plantation (2554 palms)

DIARY CONT'D.

January, 23rd. cont'd.

Departed 8 am. Arrived ITSINGANTS at 8.20 am. Census taken and village inspected. Departed 9.10 am. Inspected new coconut plantations of ITSINGANTS (974 palms) and of YATSING (1070 palms). Arrived YATSING village at 9.30 am. Census taken and village inspected. Departed 10.15 am. Inspected plantation of PUGUAP (1084 palms). Arrived PUGUAP village at 10.45 am. Census taken and village inspected. Departed 11.45 am. Inspected No.1 plantation of INTOAP. Arrived INTOAP at 12 pm. Lunch. Census taken and village inspected. Minor matters.

January, 24th.

Departed 7 am. Forged Markham River. Arrived MUTSING village at 7.30 am. Met by truck. Arrived station at 9 am.

January 25th. to January, 26th.

Station duties and preparing for Waffa Patrol.

January, 27th.

Departed station per truck at 7.0 am. Arrived MUTSING at 8.25 am. Met by carriers from INTOAP and ON A. Departed MUTSING at 9 am. Forged MARKHAM River. Arrived INTOAP at 9.35 am. Departed 9.50 am. Arrived YATSING 11 am. Departed 11.5 am. Arrived ITSINGANTS 11.45 am. Departed 12 am. Arrived GURUF at 12.30 pm. Lunch. Minor matters. Obtained carriers for Waffa Patrol.

January, 28th.

Departed GURUF 7.15 am. Arrived YANUF 8.15 am. Departed 9 am. Arrived NAROWAINE 10.10 am. Obtained carriers from ANTIR and BAMPA villages. Arranging for WAFFA Patrol.

January, 29th.

Sunday - observed.

January, 30th.

Departed NAROWAINE 7.20 am. Arrived WAMOAL River at 7.35 am. Followed upstream. Forged at 8.5 am. Continued on upstream. Left river at 9 am. Ascended to new village site of YASURU (2750') arriving 11.55 am. Carriers arrived 12.40 pm. Lunch. Census taken and village inspected. Injections given. Talks to people re hygiene, etc.

January, 31st.

Departed YASURU (2750') at 7.25 am. Crossed WAMOAL-WAFFA Divide at 4700'. Track practically non-existent and slippery. Followed along ridges. Descended and arrived KUSING (4450') 11.10 am. Met by Village Officials from SIAGA and TUMBUNA. Census taken and village inspected. Injections given. Talks with people.

February, 1st.

Departed KUSING at 7.30 am. Followed fair track over ridges. Arrived TUMBUNA (4100') at 8.15 am. Census taken and village inspected. Injections for yaws given. Talks to people. Rain during night.

February, 2nd.

Departed TUMBUNA at 7.20 am. Descended and crossed a tributary of Waffa River. Ascended and descended. Crossed another Waffa River tributary. Ascended to 4100'. Descended and forged another Waffa River tributary. Ascended to SIAGA (3850') arriving 10 am. Census taken and village inspected. Injections given. Discussions with Village Officials. Rain during night.

DIARY CONT'D.

February, 3rd.

Departed SIAGA at 7.15 am. Ascended and descended several ridges. Ascended to top of range (4750') A 45degree descent to a large tributary of the Waffa River ( 2250') arriving 10.30 am. River in flood. Found a fording place at 11.30 am. Patrol safely across by 11.45 am. A vertical ascent. Arrived new village of URINT (3250') at 12.30 pm. Census taken and village inspected. Injections given. Talks with people. Rain during afternoon and night.

February, 4th.

Departed URINT at 7.30 am. Ascended and descended several ridges. Followed a hunting track and arrived at main WAIGWANOM road. Climbed several ridges. Forded a Waffa River tributary. Arrived new site of WAIGWANOM (3000') at 11.20 am. Lunch. Commenced revision of census. Interrupted by rain. Steady rain throughout afternoon and night.

February, 5th.

Completed census. Villages inspected. Injections given. Talks with people.

February, 6th.

Departed WAIGWANOM at 7.10 am. Ascended and followed ridges. Descended to WAFFA River at 12.15 pm. Followed downstream. Forded a large tributary of Waffa River. Continued downstream. Arrived ONUNK resthouse at 2.30 pm. Forded Waffa River. Arrived ONUNK village. Census taken and village inspected. Injections given. Rain during afternoon and night.

February, 7th.

Departed ONUNK at 6.30 am. Forded WAMQAL River. Arrived Narowaine village at 10 am. Departed 11 am. Arrived YANUY at 12 am. Arrived GURUF at 1.10 pm. Paid off carriers.

February, 8th.

Departed GURUF at 7 am. Passed through ITSINGANTS, YATSING, and arrived INTOAP village at 10.30 am. Forded Markham River and arrived MUTSING at 10.55 am. Met by truck. Arrived station at 12.30 pm.

END OF DIARY.

NATIVE AFFAIRS.

Native affairs in the ONGA area are quiet. One land dispute between INTOAP and SINGAS villages was settled satisfactorily by arbitration. No other complaints were made to the patrol. The ONGA villages are all within 1 day's walk from Kaiapit station and these people often visit the station with complaints when necessary.

The WAFFA Headwaters area is a fairly backward area, with only one or two pidgin speakers to be found in each village. This area has just recently been transferred to Kaiapit area. It was previously under the administration of MUMENG Patrol Post. The last patrol to the Waffa area was in March, 1953 - vide Kaiapit Report No. 3-12/53. This patrol was undertaken to investigate raids on WAIGWANOM and URINT villages by the IMISE people. Arrests were made by this patrol and now the area is quiet.

One murder occurred at WAIGWANOM in September, 1955, - the two murderers have been arrested and sentenced in the Supreme Court. The area is now quiet.

These WAIGWANOM people speak a different language to the KUSING, SIAGA, TEMBUA group and have migrated to this area

NATIVE AFFAIRS Cont'd.

from the headwaters of the BANIR River. The URINT people speak another language entirely and they have migrated here from the Kainantu area.

Apart from the murder at WAIGWANOM in sept. 1955, the area appears to have settled down after the afore-mentioned raids of 1952 and Procter's patrol of March, 1953.

ONUNK village was visited by this patrol. It was last visited in July 1951 from Mumeng patrol Post. It is only a small village and as it is situated on the direct route patrols must take to the Waffa area ex Kaiapit, it was decided to include this village in the Kaiapit administrative area, as the Mumeng Officer has to make a 10 hour walk from PESER village on the Lower Watut to census this small village.

NATIVE ECONOMIC DEVELOPEMENT.

The ONGA Divison people have planted 13,605 new coconuts since the start of this District's Economic Development Project. All the plantations have been inspected and are all well kept. Details of various village plantings are given in Appendix. "A". The majority of the Onga villages have commenced copra production and this office arranges transport of their produce to Lae and subsequent marketing with Burns Phillip Ltd. It is anticipated that eventually the supervision of copra production in the Upper Markham Valley will become too big a job for the one officer at Kaiapit to undertake, together with his normal duties.

There has been no Economic Development at all in the Waffa Headwaters area.

VILLAGES AND HOUSING.

The housing of the Onga villages has improved considerably since the last patrol of December, 1954 and the orders given by that patrol have all been carried out.

Regarding the Waffa Headwaters villages, all have since shifted to new sites since the last patrol in 1953. The people of YASURU village are now deciding to move from their present site to a site about 1 hours walk from NAROWAINE village near ~~the junction of the~~ WAMOAL ~~and~~ River. This village has decreased in population by 31 people since the last patrol - with 14 deaths and 17 migrations out to KUSING.

The other villages of KUSING, TUMBUNA, SIAGA, URINT and WAIGWANOM have all moved to new sites since the last patrol and all were in good order. The people of TUMBUNA are still living in hamlets but all advise that they intend moving to the new village site in the near future.

ROADS AND BRIDGES.

There are no vehicular roads or bridges in the areas patrolled. Good foot tracks and rough bridges exist in the Onga area and these are suitable for a bicycle.

However in the Waffa area tracks vary from being non-existent near YASURU and KUSING to being fair between TUMBUNA and SIAGA. Tracks in the URINT and WAIGWANOM areas are bad. All villages were advised to obtain tools from Kaiapit to repair and maintain their respective sections of road. However as there has not been a patrol in this area for nearly three years, one cannot blame the people too much for their poor roads.

VILLAGE OFFICIALS.

Officials in the Onga area are quite good. The best and most efficient being Luluai YATSUF of ONGA. A deputation of Onga VOs approached the patrol that Luluai YATSUF be appointed Paramount Luluai of the Onga area. It was explained to the people that the Paramount Lulus were being appointed, and that the aim was for the people to work towards Village

The people, who have heard of the Rabaul Councils



VILLAGE OFFICIALS Cont'd.

appeared satisfied with this explanation.

The Officials of the Wafia area were fair, but very few had any idea of their functions. Talks were given to all V/Os of this area explaining their powers and functions.

The following provisional appointments were made to fill vacancies subject to your approval ;

<u>NAME</u>	<u>POSITION.</u>	<u>VILLAGE.</u>	<u>REASON FOR VACANCY.</u>
UNDINA	Luluai	TUMBUNA	MONA deceased.
SIRAINDI	"	URINT	BARUNI deceased.

MEDICAL AND HEALTH.

Medical inspections were carried out in all villages visited by the patrol. There are two clinics in the Onga area - one at GURUF and one at ONGA.

Patients suffering from yaws or Tropical Ulcers were directed to either the clinics or the "ative Hospital at Kaiapit according to the severity of their complaints. Several cases of Whooping Cough were found at INTOAP and PUGUAP and ITSINGANTS villages. These were directed to Kaiapit hospital.

In the Wafia area numerous deaths were reported from an epidemic of a disease which I am unable to identify. The symptoms are a hard swelling of the neck glands - completely encircles the neck, and apparently causing death by strangulation. It may be a severe attack of goitre, but it is beyond my experience to enable me to indentify it. In all over 140 people are alleged to have died from this disease in the last three years. At the time of the patrol only one man suffering from these symptoms was found by the patrol.

Numerous yaws and T/Os were treated by the patrol, and those requiring further were directed to the Kaiapit hospital.

No medical patrol has ever been done of this area, and it is considered highly desirable that a medical patrol be undertaken.

Another cause for concern is the low birth rate of GURUF, NAROWAINE and BAMPA villages. I mentioned this in my last patrol report on the Onga area and the recent census taken shows no improvement at all.

AGRICULTURE AND LIVESTOCK.

As previously mentioned the Onga people have planted large areas of new coconuts. They have also interplanted large areas of sweet potato with these palms, and this produce together with their normal banana produce leave a large surplus which is sold to the Kaiapit station and hospital. This changeover from subsistence to cash and subsistence cropping will become more marked in time.

The staple diet of the Wafia area is sweet potato, supplemented by taro, sugar cane etc. Gardens are producing well and food is plentiful in both areas.

Numerous pigs are kept in the Onga villages. Some being crossed with European boars obtained from the Agricultural Station at Erap. Dogs and fowls are the only other livestock kept by the Onga people.

Figs are not so numerous in the Wafia area and are a much poorer breed. Dogs and a few fowls are also kept.

EDUCATION AND MISSIONS.

There are Mission schools in all villages visited, and these are under the Lutheran Mission stationed at Kaiapit. An Administration School is maintained at Kaiapit and approx. 16 pupils from the Onga and Wafia areas attend.

All teaching in the Mission Schools is done in the Yabim tongue, and the standard is not high owing to the low

EDUCATION & MISSIONS Cont'd.

educational standard of the teachers themselves.  
No other Mission operates in the areas.

CENSUS.

The census was revised in the Onga and Waffa Headwaters areas. It was in December, 1954 when the last census of the Onga area was taken, and figures show an increase of 15 in the population. Labour statistics show a total of 238 males absent at work out of a total A/B potential of 567 - that is 40%. This is an increase of 8% over last years figures.

The Waffa Area was last censused in March, 1953 and the new figures show a total of 180 deaths in this period, and a total decrease in population of 44. ONUKK village is not counted in these figures as it was not censused by the 1953 patrol. It was last censused in July, 1951.

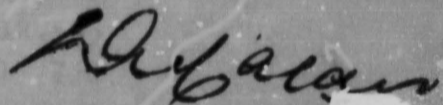
Labour statistics for the Waffa Area show a total of 35 men absent at work out of an A/B potential of 247 - i.e. 15%.

39 new names were recorded at WAIGWANOM village as these timid people are eventually coming out of the bush. Time alone will tell if there are any more people still not sighted by the patrol. The Village Officials say not.

10 new names were recorded at TUMBUNA. The last patrol had trouble getting all these people to line. No such difficulty was experienced by this patrol.

ANTHROPOLOGICAL.

Nothing of anthropological interest was noted by the patrol.



D. G. Calde,  
Patrol Officer,  
Kaiapit.  
15/2/56.

A P P E N D I X " A " .

ECONOMIC DEVELOPMENT PROJECT - COCONUT PLANTING - ONGA DIVISION.

<u>Village.</u>	<u>No. of Palms planted.</u>
ONGA	1,900
NARUBOIN	945
AWAI	1,046
SINGAS	1,008
NAROWAINE	1,878
GUEUF	2,554
ITSINGANTS	974
TANSING	1,070
PUGUAP	1,084
INTO/I	1,149
	<hr/>
	13,605.

Summary of Coconut palms planted in Kaiapit Sub-District.

ONGA	Division	13,605
ATZERA	"	12,535
AMARI	"	11,730
YAROS	"	2,660

Grand Total. 40,530 palms.

*D. G. Calder*  
 D. G. Calder,  
O.I.C. KAIAPIT.

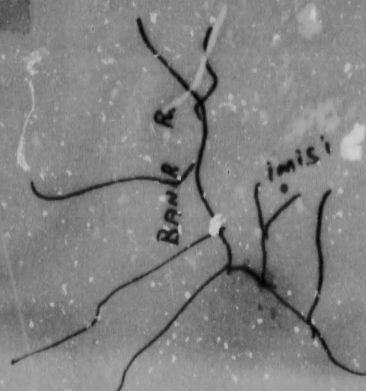


SKETCH MAP

SCALE: 1" = 4 MILES.

KAIAPIT P/R No. J-5576.

PATROL ROUTE: - - - -



Handwritten signature and date: 1/10/56

# VILLAGE POPULATION REGISTER

Year 1956.

ONGA CENSUS DIVISION.

Govt. Print.—4391/19.52.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		TOTALS (Excluding Absentee)				GRAND TOTAL									
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Ove. 13		Females in Child Birth	In		Out		AT WORK		STUDENTS		Males		Females		Pregnant	Number of Child-bearing age	Average Size of Family	Child			Adults								
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F				M	F		M	F	M	F					
ONGA	Jan. 18th.	8	8		1										2		1	1	1	1	1	19	1	10						1	11	73	6	53	2	40	1.4	46	29	62	72	240	
NARUBOIN	"	4	5						1											2	17		7	1								4	62	4	38	1	26	1.3	25	25	42	49	166
AWAN	19th.	4	5	1	2	1								2			1					10		8								5	37	3	31	1	26	1.5	24	21	31	46	140
SINGAS	"	4	2					1	2					2	2					1	12	1	1									6	38	2	32	1	25	1.3	21	21	33	44	133
SIATS	20th.	1	4		1			1	1					1	1							10		3								2	30	2	21	-	16	1.8	14	16	23	28	94
ANTIR	"	1	9	1				1						2	3					1		21		2								9	51	5	39	1	29	1.5	27	29	41	48	168
BAMPA	21st.		2		1									1	1						1	8	3									2	21	1	22	-	16	.6	9	4	19	21	64
NAROWAINB	"	2	1		1	1		1	3					1	1			1	4	1	12		11									10	49	4	50	2	36	1.3	22	21	31	55	152
YANUF	22nd.	1		1										1				4	1	1	3		5	1								5	20	2	20	-	13	1	11	6	13	22	61
GURUF	23rd.	1	1											3				2			16	4	14	1								1	65	8	57	2	34	.6	15	20	52	70	192
ITSINGANTS	"	1	2					1						1	1						3	1	6									1	26	4	16	1	11	1.7	12	19	21	20	82
YATSING	"					1		1	1					2	2					1	8	1	4									3	31	3	30	-	21	1	17	12	25	34	101
PUGUAP	"	1	1											1				1			8	1	2	1								4	29	6	30	1	24	1.3	18	16	28	38	112
INTOAP	"	2												1	2						10	2	8	1								3	35	3	28	1	22	1.5	24	15	23	35	118
<b>TOTALS.</b>		30	40	3	5	4	9	2						14	19			5	8	5	8	157	14	81	5					1	66	567	53	477	13	339	285	254	444	582	1,823		

# VILLAGE POPULATION REGISTER

Year **1956.**

**ONGA CENSUS DIVISION.**

Govt. Print.—4391/10.52

VILLAGE	DATE OF CENSUS 1956.	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL										
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		In		Out		Inside District		Outside District		Govt.		Mission			Males		Females			Pregnant Number of Child-bearing age	CLIP		Adults						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M			F								
		10-15	16-45	10-16	16-45	Pregnant		Average Size of Family		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F							
ONGA	Jan. 18th.	8	8		1										2			1	1	1	1	1	1	19	1	10							1	1173	6	53	2	40	1.4	46	2962	72	240		
HARUBOIN	"	4	5						1													2	17		7	1								4	62	4	38	1	261.3	25	25	4249	166		
AWAN	19th.	4	5	1	2	1								2				1				10	8										5	37	3	31	1	261.5	24	21	3146	140			
SINGAS	"	4	2				1	2						2	2					1	12	1	1										6	38	2	32	1	25	1.3	21	21	3344	133		
SIATS	20th.	1	4		1				1	1					1	1						10		3										2	30	2	21	-	16	1.8	14	1623	28	94	
ANTIR	"	1	9	1					1						2	3			1				21	2										9	51	5	39	1	29	1.527	2941	48	168		
BAMPA	21st.		2		1									1	1						1	8	3										2	21	1	22	-	16	.6	9	4	19	21	64	
HAROWAINE	"	2	1		1	1			1	3					1	1			1	4	1	12		11										10	49	4	50	2	36	1.3	22	2131	55	152	
YANUP	22nd.	1		1										1				4	1		1	3		5	1								5	20	2	20	-	13	1	11	6	13	22	61	
GURUF	23rd.	1	1												3					2		16	4	14	1										1	65	8	57	2	34	.6	15	20	5270	192
ITSINGANTS	"	1	2						1						1	1						3	1	6										1	26	4	16	1	111.7	12	1921	20	82		
YATSING	"						1			1	1				2	2					1	8	1	4										3	31	3	30	-	21	1	17	1225	34	101	
PUGUAP	"	1	1												1				1			8	1	2	1										4	29	6	30	1	24	1.3	18	1628	38	112
INTOAP	"	2													1	2						10	2	8	1										3	35	3	28	1	22	1.5	24	15	2335	118
<b>TOTALS.</b>		30	40	3	5	4	9	2							14	19			5	8	5	8	157	148	5										1	66	567	53477	13339	285254444	582	1823			

# VILLAGE POPULATION REGISTER

Year. 1956.

WAFFA HEADWATERS DIVISION.

Govt. Print.—4391/10.52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES	Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL	
				0-1 Mth.		0-1 Yr.		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		At Work		Students		Males		Females			Child	Adults				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F		
		1956														M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
YASURU	Jan. 30th.	2	2					1						9	8			9	8	2	2			5	5	7	7	2.2	6	3	3	7	23		
KUSING	31st.	7	14	1	1	1	1	3	1	2		1	10	16		9	8			9				21	57	20	70	2	61	2.7	8	153	50	82	275
TUMBUNA	Feb. 1st.	13	10					2	2	2	2	2	26	23		3	7	1	4	3	5			32	67	22	71	3	59	2.3	7	462	65	94	303
SIAGA	2nd.	8	12					1	1				6	5				1	11					14	53	8	64	5	54	1.8	39	41	48	73	213
URINT	3rd.	1	2					2					2	10	11				1					11	9	7	11	1	11	2	15	11	9	13	48
WAIGWANOM	4th.	5	2					3	1	1	1		8	8		16	23	1	1	3		2		28	43	14	35	2	32	3.1	38	35	43	36	157
ONUNK	6th.	4	2		1					1		1	1	2	1		1		1					4	13	4	10	1	10	2	9	9	13	12	44.
<b>TOTALS.</b>		50	44	1	2	1	5	10	5	6	3	4	71	72		28	39	11	15	8	27	2	2	115	247	75	268	14	234	26	221	4	231	1063	

# VILLAGE POPULATION REGISTER

1956.

WAFFA HEADWATERS DIVISION.

Year.....

Govt. Print.—3553/51.

VILLAGE	D. OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES		TOTALS (Excluding Absentee.)				GRAND TOTAL				
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		Inside District		Outside District		Govt.		Mission		Males		Females		Pregnant		Number of Child bearing age	Average Size of Family	Child	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					M	F
		1956																																				
YASURU	Jan. 30th.	2	2					1						9	8			9	8			2	2			5	5	7	7	2.2	6	3	3	7	23			
KUSING	31st. Feb.	17	14	1	1	1	1	3	1	2		1	10	16			9	8			9						21	57	20	70	2	61	2.7	81	53	50	82	275
TLABUNA	1st.	13	10			2	2	2	2	2		2	2	2	26	23	3	7	1	4	3	5			32	67	22	71	3	59	2.3	74	62	65	91	303		
SIAGA	2nd.	8	12					1	1					6	5			1	11							14	53	8	64	5	54	1.8	39	41	48	73	213	
URINT	3rd.	1	2			2						2	10	11				1							11	9	7	11	1	11	2	15	11	9	13	48		
WAIGRANOM	4th.	5	2			3	1	1	1	1		8	8		16	23	1	1	3			2			28	43	14	35	2	32	3.1	38	35	43	36	157		
ONUNK	6th.	4	2		1					1		1	2	1			1	1	1						4	13	4	10	1	10	2	9	9	13	12	44.		
<b>TOTALS.</b>		50	44	1	2	1	5	10	5	6	3	4	71	72	28	39	11	15	8	27	2	2	2	115	247	75	268	14	234	2.6	221	14	231	17.063				



# Population Register.

*Oranga Division*  
Area Patrolled *Waikanae & deadwaters*

HOMES	ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES			TOTALS (Excluding Absentee)				GRAND TOTAL	
	WORK				STUDENTS				Males		Females		Pregnant	Number of Child Bearing Age	Average Size of Family	Child		Adults			
	M	F	M	F	M	F	M	F	10-16	16-45	10-16	16-45				M	F	M	F		M + F
1	1	19	1	10					1	11	73	6	53	2	40	1.4	46	29	60	70	240.
	2	17		7	1					4	60	4	38	1	26	1.2	25	25	42	49	166
		10		8						5	37	3	31	1	26	1.5	24	21	31	46	140
	1	13	1	1						6	38	2	32	1	25	1.2	21	21	33	44	133
		10		3						2	30	2	21	-	16	1.3	14	16	23	28	94
		21		2						9	51	5	39	1	29	1.5	27	29	41	48	163
	1	8	3							2	21	1	22	-	16	.6	9	4	19	21	64
4	1	12		11						10	49	4	50	2	36	1.3	22	21	31	55	152.
	1	3		5	1					5	26	2	20	-	13	1	11	6	13	22	61
		16	4	14						1	65	8	57	2	32	.6	15	20	52	70	192
		3	1	2						1	26	4	16	1	11	1.7	12	19	11	20	82
	1	8	1	4						3	31	3	20	-	21	1	17	12	25	34	101
		8	1	2	1					4	29	6	30	1	24	1.3	18	16	38	38	112.
		10	2	8	1					3	35	3	28	1	22	1.5	24	15	23	35	118
5	8	157	14	81	5					1	66	56	53	477	13	339	285	254	444	582	1823
9	8			2		2				5	5		7		7	2	6	3	3	7	23
				9						21	57	20	70	2	61	1.7	81	53	50	82	275
1	4	3		5						3	67	22	71	3	59	1.3	74	26	65	94	303
		1		11						14	53	8	64	5	54	1.8	39	44	14	87	213
	1									11	9	7	11	1	11	2	15	11	9	13	48
	1	3						2		28	43	14	25	2	32	1.1	38	25	43	26	157
	1	1								4	13	4	10	1	10	2	9	9	13	12	44
11	15	8		27		2		2		115	207	75	268	14	224	262	244	221	217	1063	



TERRITORY OF PAPUA AND NEW GUINEA

30/3/25  
P/A

# PATROL REPORT

District of MOROBE Report No. KALAPI NO. 3-1955/56.

Patrol Conducted by D. G. CALDER, PATROL OFFICER.

Area Patrolled LOWER LERON & ATZERA CENSUS DIVISIONS.

Patrol Accompanied by Europeans Nil.

Duration—From <sup>Natives</sup> 18/4/56 to 26/4/56 to <sup>6.</sup> 30/4/56 to 1/5/56 to 9/5/56/19 to 14/5/56/19

Number of Days 17

Did Medical Assistant Accompany? No.

Last Patrol to Area by—District Services October 1954 to Leron Area.  
June 1955 to Atzera Area.

Medical August 1952 to Leron Area.  
September, 1955 to Atzera Area.

Map Reference 2033 Markham 4 Mile Army Strat. Series. Sketch attached.

Objects of Patrol (1-) Census Revision (2) General Administration.

DIRECTOR OF DISTRICT SERVICES  
AND NATIVE AFFAIRS,  
PORT MORESBY.

Forwarded, please.

/ /19

District Commissioner

Amount Paid for War Damage Compensation ..... £ Nil

Amount Paid from D.N.E. Trust Fund ..... £ Nil

Amount Paid from P.E.D.P. Trust Fund ..... £ Nil

P/A

30/3/25

Year 1956

Village Popul

VILLAGE	DATE OF CENSUS	Births		DEATHS												MIC			
				0-1 Month		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	
MAMARINGAN	3/4	5	6			1	1											1	
BOGABUANG	"	3																1	5
SUMANGORUM	"	9	3	3			1								1	0			
TA-AP	"	1				1													
WAFIBAMPUN	1/5	1	6																
SANGAN	"	5	5	1			1											1	
MANIANG	"	6	2	1		1	1												
KAIAPIT	9/5	3	6		2					1					1	1			
WOMPUR	"	4	2	2		1									2				
DABU	"	3	1				1											1	1
BINIMUMP	10/5	4	6															1	2
NASAWASANG	"	1	1						1									1	1
NINSIP	"	-	10		1					1					1	2			2
MARANGITS	11/5	4	2			1	2											1	2
SWAI	"																		
ORORI	"	3	6	1											2			1	1
MUTSING	"	1	1												1			1	1
RAGIAZUMPIAT	"	4	4					1											
GANTISAP	12/5	3	4	1	2					1					1	1		5	6
OFOFRAGEN	"	2	9																5
ANTIRAGEN	14/5	4	6	1	1			1											2
ZUMIM	"	5	9	2	4	2												1	4
ARIFIRAN	"	4	5		1	1	1	1											
ANGA	"	2	4			1									1	1		1	2
<u>TOTALS</u>		76	99	12	11	9	8	3	3	1					11	12	2	16	3



30/3/25

- 498 -

ARH.AH

Department of Native Affairs,  
L.A.C.

22nd. June, 1956.

Officer-in-Charge,

KAIAPIT.

PATROL REPORT - KAIAPIT NO. 1/1955-56

I am positively in favour of motor transport patrolling where and when possible, but your diary does suggest a rush to pack up and get on with the next village. However, I note that the villages near the station are visited frequently and it may have been unnecessary to spend a lot of time in each.

Your report on Native Economic Development is encouraging. You should continue to extend the road system as far as practicable.

// I have recommended the confirmation of your provisional appointments of three Ialuis.

*Placed on 14/3/13(1)*

*N. action. J 47*

*(P/n) 9/7*

(A.R. Haviland)  
A/DISTRICT OFFICER

TERRITORY OF PAPUA AND NEW GUINEA.

DISTRICT OF MOROBE.

KAIAPIT.

PATROL REPORT.

REPORT NUMBER.

Kaiapit No. 3 -1955/56.

PATROL CONDUCTED BY :

D. G. Calder, Patrol Officer.

PERSONNEL ACCOMPANYING :

4 members of R.P. & N. G. C. as follows ;  
No. 6110 PA L/Cpl. YAGOVI.  
No. 7278 Constable EUSI  
No. 8540 " MANIGAM  
No. 9238 " MAI  
  
N. M. O. GAT of P.H.D.  
1 personal Servant.

AREA PATROLLED

: LEBON Census Division and ATZURI Census Division.

MAP REFERENCE

: 2033 Markham 4 Mile Army Strat. Series. Sketch attached.

DURATION OF PATROL

: From 18th. April, 1956 to ~~18th~~ 26th. April.  
From 30th. April to 1st May 1956.  
From 9th. May, 1956 to 14th. May, 1956.

NUMBER OF DAYS ~~WAS~~ SPENT ON PATROL :

17 days.

OBJECTS OF PATROL

: (1) Census Revision.  
(2) General Administration.

*D. G. Calder*  
D. G. Calder,  
O. I. C. KAIAPIT.

INTRODUCTION.

This patrol was undertaken to revise the census in the Lower Leron Division and in the Atzera Division.

The Lower Leron area was last patrolled by the writer in October, 1954 ( P/R 2-54/55 refers). It is a mountainous area, and adjoins the Wantcat Patrol Post area. Owing to the difficult terrain these people seldom visit the Patrol Post at Kaiapit.

The Atzera area surrounds the station and there are vehicular roads leading to all Atzera villages. These villages are nearly all visited at least once a month. The Atzera part of the patrol was carried out by Land Rover.

DIARY.

1956.

April, 18th.

Departed station by truck at 7.10 am. Arrived Zumangorum at 8.30 am. Arranged loads for carriers. Departed 9.10 am. Climbed to WONGAT (2050') arriving 11.30 am. Lunch. Paid off carriers. Discussions with Village Officials. Census taken and village inspected. Inspected new coffee garden. Minor matters.

April, 19th.

Departed 7.15 am. Ascended and then descended to Leron River, arriving 9.45 am. Met by SUKURUM carriers. Departed 10.20 am. Followed along Leron River. Ascended and descended. Climbed to SUKURUM (2450') arriving 2 pm. Rain. Discussions with V/Os.

April, 20th.

Census taken and village inspected. New coffee garden inspected. Census taken of nearby DUMLINAN village (5 minutes) in afternoon. Village inspected. New coffee garden inspected.

April, 21st.

Departed SUKURUM 8 am. Passed through DUMLINAN 8.5 am. Ascended and descended to GARAKIAP, arriving 9.10 am. Census taken and village inspected. Departed 10.45 am. Followed bad track. Ascended and descended several ridges. Arrived at new village site of WAROM at 12.5 pm. Census taken and village inspected. Departed 1.30 pm. Ascended to 3850' and descended to GUPASSA, arriving 3 pm. Census taken and village inspected. Inspected First Aid Clinic. Departed 4.30 pm. and returned to SUKURUM, arriving 5.10 pm.

April, 22nd.

Sunday - observed.

April, 23rd.

A general meeting of people of SUKURUM, DUMLINAN, GUPASSA, GARAKIAP and WAROM held at their request for the election of a No. 1. Councillor for the five villages. KATOK of SUKURUM elected. Discussions with people. Departed SUKURUM 8.30 am. Descended to Leron River, arriving 9.30 am. River in flood. Bridges constructed. Crossed at 11.40 am. Ascended to new village site of PUPUP, arriving 12.40 pm. Lunch. Census taken and village inspected. New coffee garden inspected.

April, 24th.

Departed PUPUP at 7.15 am. Ascended mountain 3150' Followed along ridges. Arrived new village site of SCM at 11.45 am. Welcomed by singsing. A pig presented to patrol. Census taken and village inspected. Minor matters settled.

April, 25th.

Departed 7.20 am. Passed through 1 hamlet of SOM. Ascended and descended several spurs. Arrived SIRASIRA 8.30 am. Census taken and village inspected. Departed 9.45 am. Ascended mountain 3850'. Met by NARIAWANG carriers 10.30 am. Descended and ascended to NARIAWANG arriving 12.40 pm. Census taken and village inspected. Census taken of nearby NARUNKUN (30 minutes). Village inspected. Discussions with V/Os.

April 26th.

Departed NARIAWANG at 6.30 am. Descended to GURAM Creek. Followed downstream. Arrived Leron River at 8.30 am. In flood. Patrol across safely by 9 am. Climbed to WONGAT arriving 10 am. Changed carriers. Departed 10.30 am and descended to ZUMANGORUM arriving 12.30 pm. Met by truck. Departed 1.15 pm. Arrived station 2.35 pm.

April 27th. to April 30th. spent on station duties etc.

April, 30th

Departed station 8.25 am. per Land Rover. Arrived MAMARINGAN 8.35 am. Census taken and village inspected. Medical inspection held. Departed 9.45 am. Arrived BOGABUANG at 10 am. Census taken and village inspected. Departed 10.50 am. Crossed IRUAP River and arrived ZUMANGORUM at 11 am. Census taken and village inspected. Census taken of nearby TA-AP village. Departed 12.20 pm. Arrived station 1.5 pm.

May 1st.

Departed station 9.15 am. per Land Rover. Forded IRUAP River. Arrived WAFIBAMPUN at 10 am. Census taken and village inspected. Departed 11 am. Forded IRUAP River and arrived SANGAT village at 11.20 am. Census taken and village inspected. 1 C.N.A. held. Departed 12.30 pm. Arrived MANIANG at 12.35 pm. Census taken and village inspected. Departed 2 pm. and arrived station 2.30 pm.

May 2nd. to May 8th. spent at Lae taking delivery of new Land Rover and Ferguson tractor.

May 9th.

Departed station 8.10 am. per Land Rover. Arrived KAIAPIT village at 8.15 am. Census taken and village inspected. Departed 9.20 am. Arrived WOMPUA at 9.35 am. Census taken and village inspected. Departed 10.20 am. Forded Maniang River and arrived DABU at 10.35 am. Census taken and village inspected. Departed 11.15 am. Arrived station 11.45 am.

May 10th.

Departed station 8.35 am. per Land Rover. Arrived BINIMUMP at 9 am. Census taken and village inspected. Departed 10.15 am. Arrived NASAWASIANG at 10.20 am. Census taken and village inspected. Departed 10.50 am. Arrived NINSIP at 10.55 am. Census taken and village inspected. Departed 11.45 am. Arrived station 12.20 pm.

May 11th.

Departed station 8.45 am. per Land Rover. Arrived MARANGITS village at 8.55 am. Census taken and village inspected. Departed 9.30 am. Arrived SUAI at 9.35 am. Census taken and village inspected. Departed 10.5 am. Arrived ORORI village at 10.10 am. Census taken and village inspected. Departed 10.45 am. Arrived MUTSING at 10.55 am. Census taken and village inspected. Departed 11.30 am. Arrived RAGIADUMPIAT village at 11.50 am. Census taken and village inspected. Departed 12.50 p.m. Arrived station 1pm.

May, 12th.

Departed station 8 am. per Land Rover. Arrived GANTISAP at 8.15 am. Census taken and village inspected. Census taken of nearby OFOFRAGEN and village inspected. Returned to station at 10.30.



May 13th.

Sunday - observed.

May 14th.

Departed station 8am. per Land Rover. Forded Maniang River, arriving ANTIRAGEN at 8.30 am. Census taken and village inspected. Departed 9.30 am. Arrived ZUMIM village at 9.40 am. Census taken and village inspected. Departed 10.45 am. Arrived ARIFIRAN at 10.50am. Census taken and village inspected. Departed 11 am. Proceeded to Markham River. Left Land Rover here. Forded river. Walked to ANGA village arriving 12.am. Census taken and village inspected. Departed 1. pm. Returned to Land Rover. Proceeded to station arriving 2.45 pm.

END OF DIARY.

NATIVE AFFAIRS.

Native affairs in the Leron area are quiet. Only minor matters were reported to the patrol and satisfactorily settled.

Native Affairs in the Atzera are highly satisfactory. All these villages are within 4 hours walk from the ~~station~~ station and regularly visit there with their complaints. Vehicular roads have been built to every village and most visits receive at least one visit per month from the writer. One case of indecent language was reported to the patrol at Sangan and dealt with in the Court for Native Affairs. This was the only complaint requiring Court action during the entire patrol.

NATIVE ECONOMIC DEVELOPEMENTAL PROJECT.

Coffee has been introduced into the Lower Leron villages and every village has now established its own coffee garden. In all 4,332 coffee bushes have been planted by these people. All gardens were inspected by the patrol and the plants are doing well. Suitable shade has also been interplanted.

As mentioned in previous reports all Atzera villages have established new coconut plantations and the total number of new plantings for the Atzera area amount to 12,800 palms. This brings the total number of new plantings for the Kaiapit Sub-district to over 14,000 palms. Further new plantings have now ceased for the time being, as the people's labour potential is fully employed in cleaning and maintenancing their new plantations in addition to their subsistence cropping. Later, when the new palms are older and require less maintenance, then further additional plantings can be undertaken.

All Atzera villages have commenced producing copra from their old coconut groves and since August, 1955 some 34 tons of copra have been produced and sold. Proceeds amount to over £2,000. This figure includes the ONGA and AMARI census divisions. The people have now realised the value of their coconuts and I expect the copra production figures for the year 1956/57 to substantially increase.

VILLAGES AND HOUSING.

The villages of the Lower Leron area were quite good, with the exception of SIRASIRA village. The hygiene and housing of this village was very poor and orders were given to the inhabitants to clean it up. Police will be sent to see if the orders have been carried out.

The villages of PAPUOI, SASENG, and SIKISUAN have now combined to form one village of PUPUP. This move was advised in my Patrol Report No. 2-54/55.

All the Atzera villages were in good order and housing has improved considerably since my last patrol.

ROADS AND BRIDGES.

Roads in the Lower Leron area were for the most part good walking tracks. The track from GABAKIAP to WAROM is very bad and tools have been issued to these villages to improve it. There are no vehicular roads or bridges in this area.

Some 80 miles of vehicular roads have been constructed by these Atzera people together with 34 vehicular bridges. It is possible to proceed by vehicle to any Atzera village with the exception of ANGA village which is situated across the Markham River. All these roads are well kept, and the people have decided to put aside one day per week - Friday, as their road maintenance day. They have been congratulated for the excellent work they have put into their roads. They now fully appreciate the value of a road system, as now they are not required to perform any carrying work for patrols and trucks can proceed direct to their villages to pick up their produce.

VILLAGE OFFICIALS.

Officials of both areas are doing a good job. Talks on the duties etc of Village Officials were given to some of the less sophisticated Officials of the eastern Leron villages.

The people of SUKURUM, DUMLINAN, GUPASSA, WAROM, and GABAKIAP villages at their own request elected KATOK of SUKURUM to be the No.1. Councillor for the 5 villages. These people had previously requested, on Patrol No. 2-54/55, for the appointment of a Paramount Luluai for their village group. They were informed that the aim of the Administration was now to establish Village Councils and that no more Paramount Luluais were being appointed. KATOK has been informed that he is to act in a purely advisory capacity only.

The following provisional appointments were made to fill vacancies, subject to your approval ;

<u>NAME.</u>	<u>POSITION.</u>	<u>VILLAGE.</u>	<u>REASON FOR VACANCY.</u>
NGAWUN	Luluai	GABAKIAP	MENGA resigned old age.
MURI	Luluai	GUPASSA	KANDUM " " "
SUWIN	Luluai	MARIWANG	WAKURA resigned.

MEDICAL AND HEALTH.

Medical inspections were carried out in all villages visited. The health of the western Leron villages was good, due no doubt to the proximity of the First Aid Clinic at GUPASSA. However numerous yaws and Tropical Ulcers were sighted in the eastern Leron villages. These were all sent in to Kaiapit native Hospital. The health of the Atzera people was good. These people have no excuse for open sores etc. as all villages are within 4 hours walk from the Native Hospital, in addition there are 2 First Aid Clinics established in the area ; one at Sangau and the other at ARIFIRAN.

EDUCATION. & MISSIONS.

There is one mission operating in the areas, and that is the Lutheran Mission with its headquarters at Kaiapit. Mission schools are established in most villages, but as I have reported in previous reports, the standard of education is poor. All teaching is done in the Yabim tongue, and pupils from these mission schools are rarely eligible to enter Administration schools as most of them cannot speak Pidgin. The schooling given is mostly very meagre, probably the pupils' best subject would be the Scriptures - taught in Yabim - which gives them an ideal foundation for furthering Church work, but hardly fits them for any employment better than labourers.

An Administration school has been established at Kaiapit, and 25 pupils from the areas patrolled are attending. The total number of pupils at this school is 50 and they appear to be progressing well.

AGRICULTURE & LIVESTOCK.

The staple diet of the Leron area consists of sweet potato and taro, supplemented by sugar-cane, bannanas, and yams. As previously mentioned, these people have established coffee gardens which are doing well. The SOM people have started growing potatoes on a commercial basis and they dispose of their produce together with the SIARA, (RUMU River) people at the D.A.S.F. station at Erap. These potatoes have been planted at about 2600' and the produce appears to be very good.

The staple diet of the Atzera area is bannanas, though this is now being heavily supplemented by sweet potato, due to the fact that all new coconut plantations have been interplanted with sweet potato and the people have an abundance of food. Large quantities of surplus food is sold each month to the station here.

Three villages, who do not own any valley land suitable for planting coconuts, have started rice production. They have been issued with seed obtained from Madang, and report that the crop is progressing well. They have been encouraged to enlarge their rice plantings. One village, GANTISAP, has purchased a Bentall Hand Rice Huller, and is now engaged in hulling their first crop of 14 bags.

FORESTS.

It is advised that GANTISAP village have purchased a Coventry Victor engine and circular saw for £250 and have now commenced milling operations on stands of taun and kwila which exist in their mountains. The extent of these stands is not known.

CENSUS & STATISTICS.

The census was revised for both areas visited and Population Registers are attached.

For the Leron Division the total population shows an increase of 11 only, with a total number of 68 deaths as against 82 births. Labour figures show that 80 men are absent from their villages from a potential of 409. i.e. 19%.

For the Atzera division figures show an increase of 115 in population for the year, with a total of 175 births against 72 deaths. There are 540 A/B men absent at work out a potential of 1218, i.e. 44%. However despite this high percentage of absentees it is not considered that village life is suffering any detrimental effects, and accordingly no recommendation is made for closure.

*D. G. Calder*  
D. G. Calder,  
Patrol Officer.

# VILLAGE POPULATION REGISTER

YEAR 1956

LOWER LERON CENSUS DIVISION.

Govt. Print.—7402/10 55.

VILLAGE	DATE OF CENSUS 1956 April	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES			TOTALS (excluding absence)		GRAND TOTAL								
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		In		Out		Inside District		Outside District		Govt.		Mission		MALES		FEMALES		Pregnant	Number of Child-bearing age	Average Size of Family	Child		Adults		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M					F	M	F	M	F
WONGAT	18th.	5	4			2	1	1	1					1	4					3								2		8	39	8	31	3	20	1.3	23	21	42	39	130
SUKURUM	20th.	4	4	1			3		2					2	2	1	1			10						2		9	51	7	34	4	28	1.3	23	30	47	43	155		
DUMLINAN	"	5												1	1					2	1	2				3		4	24	8	24	3	19	1.4	18	14	26	26	89		
GABAKIAP	21st	3	3	1	1				1					2				1	1	4	1					1		6	23	1	21	1	15	1.1	14	12	26	26	84		
WAROM	"	3	4						1		1							2	1	6								2	26	6	16	3	11	1.8	17	19	24	19	85		
GUPASSA	"	3	6			2	1							2	1					2	6					2		3	36	4	24	4	17	1.4	15	20	31	26	100		
PUPUP	23rd.	8	3	5			1							3	5	1				3	2					2		7	52	4	42	1	32	1	26	20	54	48	155		
FOM	24th.	5	2											1	1			2	2	11	2	1		1				6	46	9	34	1	25	1.3	30	23	38	38	143		
SIRASIRA	25th.	7	2	2			1								1					2	4		2					8	29	13	21	3	15	1.7	20	20	25	22	93		
NARIAWANG	"	3	3	1	1		1							4	4					2	21	1	1					13	53	13	38	2	26	1.6	34	34	42	46	179		
NARUNKUN	"	2	5											2				2		5	2			1				9	30	2	26	-	15	1.3	25	17	35	34	119		
<b>TOTALS.</b>		46	36	10	2	7	4	1	5	1	1			18	19	2	10	1	11	75	7	5		2		12		75	109	75	311	25	221		24	52	29	39	0	36	1332

# VILLAGE POPULATION REGISTER

YEAR 1956

LOWER LEROY CENSUS DIVISION.

Govt. Print.—7403/10.55.

VILLAGE	DATE OF CENSUS <u>1956</u> <u>April</u>	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				ABSENT FROM VILLAGE STUDENTS				LABOUR POTENTIAL				FEMALES		Size of Family	TOTALS (excluding absentee)				GRAND TOTAL		
		0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		IN		OUT		Inside District		Outside District		Govt.		Mission		MALES		FEMALES		Pregnant	Number of Child-bearing age		Child		Adults				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				M	F					
		10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45	10-16	16-45		10-16	16-45					
WONGAT	18th	5	4			2	1	1	1					1	4					3								2		8	39	8	31	3	20	1.3	23	21	42	39	130
SUKURUM	20th	4	4			3			2					1	1					10						2		9	51	7	34	4	28	1.3	23	30	47	43	155		
DUMLINAN	"	3												1	1			2	1	1	2					3		4	24	8	24	3	19	1.4	18	14	26	26	89		
GABAKIAP	21st	3	3	1	1				1					2				1		4	1					1		6	23	1	21	1	15	1.1	14	12	26	26	84		
WARDA	"	3	4						1		1							2	1	6								2	26	6	16	3	11	1.8	17	19	24	19	85		
GUPASSA	"	3	6			2	1							2	1					2	6					2		3	36	4	24	4	17	1.4	15	20	31	26	100		
PUNIP	23rd.	8	3	5			1							1						3	2					2		7	52	4	42	1	32	1	26	20	51	18	155		
SOG	24th.	5	2											1	1			2		11	2	1				1		6	46	9	34	1	23	1.3	30	23	38	38	143		
SIRASIRA	25th.	7	2	2			1								1					2	4	2						8	29	13	21	3	15	1.7	20	20	25	22	93		
NARIAWANG	"	3	3	1	1	1									4	4				2	21	1	1						13	53	13	38	2	26	1.6	34	34	42	46	179	
NARUNKIN	"	2	5											2				2		5	2					1		9	30	2	26	-	15	1.3	25	17	35	34	119		
<b>TOTALS.</b>		46	36	10	27	4	1	5	1	1				18	19			2	10	1	11	7	5			2	12	75	409	75	311	25	221		245	229	390	367	1332		

# VILLAGE POPULATION REGISTER

YEAR **1956**

LOWER LERON CENSUS DIVISION

Govt. Print.—7407/10.65

VILLAGE	DATE OF CENSUS <b>1956</b> <b>April</b>	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE A. WORK				STUDENTS				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (excluding absentees)				GRAND TOTAL M+F	
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 1.		Females in Child Birth	IN		OUT		Inside District		Outside District		Govt.		Mission		MALES		FEMALES		Pregnant		Number of Children bearing age	Child		Adults		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M		F	M	F		
WONGAT	18th.	5	4			2	1	1	1					1	1					3						2		8	39	8	31	3	20	1.3	23	21	42	39	130	
SUKURUM	20th.	4	4	1		3			2					2	2			1	1	10						2		9	51	7	34	4	28	1.3	23	30	47	43	155	
DUBLINAN	"	3												1	1			2	1	1	2					3		4	24	8	24	3	19	1.4	18	14	26	26	89	
GABAKIAP	21st	3	3	1	1			1						2				1	1	1	1					1		6	23	1	21	1	15	1.1	14	12	26	26	84	
WAROM	"	3	4					1	1									2	1	6								2	26	6	16	3	11	1.8	17	19	24	19	65	
GUPACSA	"	3	6			2	1							2	1					2	6					2		3	36	4	24	4	17	1.4	15	20	31	26	100	
PUPUP	23rd.	8	3	5		1								3	3			1		3	2					2		7	52	4	42	1	32	1	26	20	54	48	155	
SON	24th.	5	2											1	1			2	2	11	2	1		1				6	46	9	34	1	23	1.3	30	23	38	38	143	
SIRAGIRA	25th.	7	2	2		1								1						2	4			2				8	29	13	21	3	15	1.7	20	20	25	22	95	
NARZAWANG	"	3	3	1	1	1								4	4					2	21	1	1					13	53	13	35	2	26	1.6	31	34	42	46	179	
NARUKUH	"	2	5											2				2		5	2			1				9	30	2	26	-	15	1.3	25	17	35	34	119	
<b>TOTALS.</b>		46	35	10	27	4	1	5	1	1				18	19			2	10	1	11	7	5	2	12			75	40	97	31	12	22	21	24	52	29	39	567	1332

# VILLAGE POPULATION REGISTER

YEAR 1956.

ATZERA CENSUS DIVISION.

Govt. Print.—7403/10.55.

VILLAGE	DATE OF CENSUS 1956	BIRTHS		DEATHS										MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (excluding absentee)				GRAND TOTAL						
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	IN		OUT		AT WORK		STUDENTS		MALES		FEMALES		Pregnant	Number of Child-bearing age	Child			Adults					
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F			M	F		M	F				
																M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F	
MAMARINGAN	April 30th	5	6			1	1											16	3	3	2	1				2	48	8	51	39	1.6	30	33	35	52	175			
BOGABUANG	"	3												1				5	3	3		27	8	3	1			7	47	6	39	1	32	1.9	38	35	23	39	174
SUMAHGORUM	"	9	3	3			1							1	2			2		25	7	5				6	59	8	37	31	1.5	38	34	36	47	192			
TA-AP	"	1			1													1	7							4	19	4	14	10	1.4	12	10	13	16	58			
WARIBAMPUN	May 1st.	1	6													1	5	1	18	12	1	1				8	39	2	34	30	1.9	28	31	25	32	148			
SANGAN	"	5	5	1			1											25	6	10	1	1	1	3		10	82	7	70	3	61	2	65	45	47	86	289		
MANIANG	"	6	2	1		1	1											1	2	2		11	3	8	2			4	54	8	59	1	45	1.4	34	28	43	72	201
KAIAPIT	9th.	3	6		2				1		1	1						35	10	15	1	2	2	1		16	94	7	81	4	63	1.9	78	62	53	88	347		
WOMPUA	"	4	2	2		1					2							14	6	4						7	47	3	32	37	1.6	35	29	39	45	172			
DABU	"	3	1				1				1	1						2	3	2	6	3				6	38	3	28	3	21	1.5	26	13	18	28	115		
PINAMP	10th.	4	6								1			2	5	1	1	18	3	5		1				6	56	5	45	32	2	43	36	40	56	202			
NASISIANG	"	1	1				1					1						19	3	1						4	35	4	24	1	19	1.8	29	13	19	28	112		
NLIS	"		10		1			1				1	2					2	5	18	9	5				10	54	11	49	46	1.8	33	48	36	56	205			
MARANGITS	11th.	4	2			1	2					1				2		7	2	2						20	3	23	1	19	1.5	16	12	17	23	84			
SUAI	"																	2	8	1	4					2	22	3	19	2	11	1.3	10	9	15	21	68		
ORORI	"	3	6	1							2					1	1	22	12	4						6	48	5	47	2	41	1.4	26	29	47	169			
MUTSING	"	1	1								1			1	1			9	4	3						2	19	1	18	16	1.5	14	6	10	21	67			
RAGIADUMPIAT	"	4	4				1											4	22	3	6	2				12	45	11	43	2	34	1.7	34	35	23	52	177		





# VILLAGE POPULATION REGISTER

YEAR **1956.**

**ATZERA CENSUS DIVISION.**

Govt. Print.—7403/10.55.

VILLAGE	DATE OF CENSUS <b>1956</b>	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES			Average Size of Family	TOTALS (excluding absentee)				GRAND TOTAL					
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		IN		OUT		Inside District		Outside District		Govt.		Mission		MALES		FEMALES		Pregnant	Number of Child-bearing age		Child		Adults		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M				F	M	F		
MAMARINGAN	April 30th	5	6			1	1											1				16	3	3	2	1				2	48	8	51	29	1.630	33	35	52	175		
BOGABUANG	"	3												1				5	3	3		27	8	3	1			7	47	6	39	1	321.9	38	35	23	39	174			
SUMANGORUM	"	9	3	3			1							1	2			2				25	7	5				6	59	8	37	31	1.538	34	36	47	192				
TA-AP	"	1				1																1	7					4	19	4	14	10	1.4	12	10	13	16	58			
WAFIBAMPUN	May 1st.	1	6															1	5	1		18	12	1	1	1		8	39	2	34	30	1.928	31	25	32	148				
SANGAN	"	5	5	1			1							1								25	6	10	1	1	3	10	82	7	70	3	61	2	65	45	47	86	299		
MANJANG	"	6	2	1		1	1											1	2	2		11	3	8	2			4	54	8	59	1	1.4	34	28	43	72	201			
KAIAPIT	9th.	3	6		2						1		1	1	1			1				35	10	15	1	2	2	1	16	94	7	61	4	1.978	62	53	88	347			
WOMPUA	"	4	2	2		1								2				1	1			14	6	4				7	47	3	32	2	1.6	35	29	39	45	172			
DABU	"	3	1				1						1	2	1			2	3			21	6	3				6	38	3	28	3	21	1.526	13	18	28	115			
BINIMUMP	10th.	4	6											1				2	5	1	1	18	3	5	1			6	56	5	45	2	2	43	36	40	56	202			
NASAWASANG	"	1	1					1										1	1			19	3	1				4	35	4	24	1	19	1.329	13	19	28	112			
NINSIP	"		10		1			1						1	2				2	5		18	9	5				10	54	11	49	46	1.2	33	48	36	56	205			
MARANGITS	11th.	4	2			1	2							1				2				7	2	2				20	3	23	1	19	1.516	12	17	28	84				
SJAI	"																			2		8	1	4				2	22	3	19	2	11	1.3	10	9	15	21	68		
ORORI	"	3	6	1										2				1	1			22	12	4				6	48	5	47	2	41	1.4	26	29	29	47	169		
MUTSING	"	1	1											1				1	1			9	4	3				2	19	1	18	16	1.514	6	10	21	67				
RAGI DUMPIAY	"	4	4					1														4	22	3	6	2		12	45	11	43	2	34	1.7	34	35	23	52	177		



# VILLAGE POPULATION REGISTER

YEAR **1956.**

**ANJARA CEBUUS DIVISION**

Govt. Print.—7403/10.55.

VILLAGE	DATE OF CENSUS <b>1956</b>	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE				LABOUR POTENTIAL				FEMALES Pregnant Number of Child-bearing age	Average Size of Family	TOTALS (excluding absentee)				GRAND TOTAL M + F							
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		IN		OUT		AT WORK		STUDENTS		MALES				FEMALES		Child			Adults						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F	M	F		M	F					
		10-16	16-45	10-16	16-45	Pregnant		Number of Child-bearing age		Average Size of Family		M		F		M		F		M		F		M		F				M		F			M		F				
MAKARINGAN	April 30th	5	6			1	1											1				16	3	3	2	1				2	48	8	51	39	1.630	33	35	52	175		
BOGABUANG	"	3												1				5	3	3		27	8	3		1				7	47	6	59	1	321.9	38	35	23	39	174	
SUMANGORUM	"	9	3	3										1	2			2				25	7	5						6	59	8	57	31	1.538	34	36	47	192		
TA-AP	"	1				1														1		7								4	19	4	14	10	1.4	12	10	13	16	53	
WAPTEAMPUN	May 1st.	1	6															1	5	1	18	12	1			1				8	39	2	34	30	1.948	31	25	32	148		
SANJAN	"	5	5	1										1						23	6	10	1	1		3				10	82	7	70	3	61	2	65	45	47	86	289
BASJANG	"	6	2	1		1	1											1	2	2		11	3	8		2				4	54	8	59	1	45	1.434	28	43	72	201	
KAIAPIT	9th.	3	6		2					1				1	1			1		35	10	15	1	2		2		1		16	94	7	81	4	63	1.978	62	53	88	347	
WONPUA	"	4	2		2	1								2				1		14	6	4								7	47	3	32	37	1.6	35	29	39	46	172	
DABU	"	5	1											1	1			2	3	21	6	3								6	38	3	28	3	21	1.526	13	18	28	115	
BININUMP	10th.	4	6											1				2	5	1	18	3	5			1				6	56	5	45	32	2	45	36	40	56	202	
NASANASIANG	"	1	1					1								1		1		19	3	1								4	35	4	24	1	19	1.629	13	19	38	112	
NENSIP	"		10		1					1				1	2				2	5	18	9	5							10	54	11	49	46	1.8	33	48	36	56	205	
MARAGUITS	11th.	4	2			1	2							1				2		7	2	2								20	3	23	1	19	1.516	12	17	28	84		
SUAI	"																			2	8	1	4							2	22	3	19	2	11	1.3	10	9	15	21	68
ORORI	"	3	6	1										2				1		22	12	4								6	48	5	47	2	41	1.4	26	29	47	169	
KUJESING	"	1	1											1				1	1	9	4	3								2	19	1	18	16	1.544	6	10	21	67		
BAGTADUNPIAT	"	4	4					1												4	22	3	6			2				12	45	11	43	2	34	1.7	34	35	23	52	177



a  
BRAT

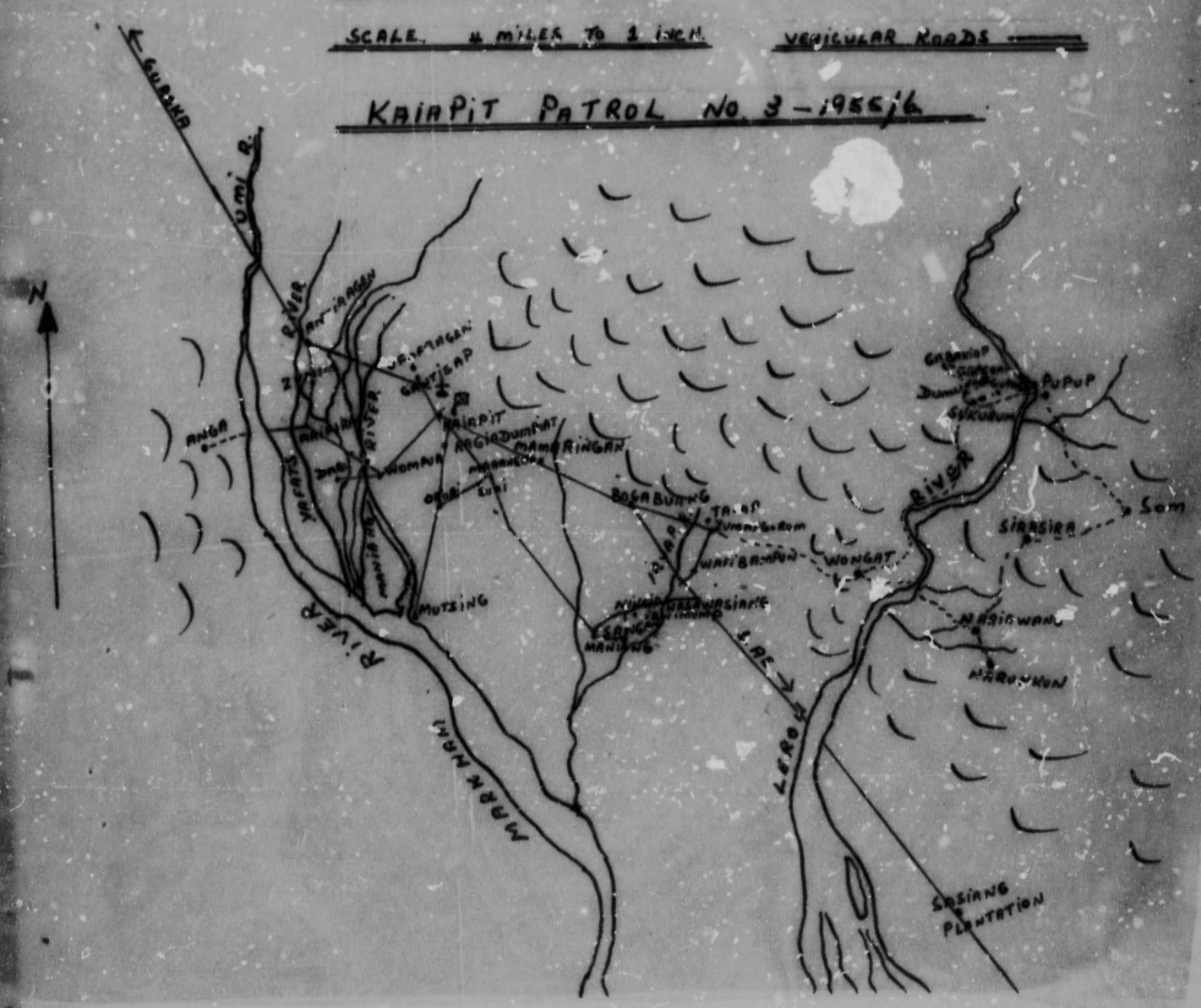
SKETCH ONLY

TRAINS - - - - -

SCALE 4 MILES TO 1 INCH

VEHICULAR ROADS - - - - -

KAIRPIT PATROL NO. 3 - 1955/6



# Population Register

Area Patrolled... *Atyera Division*

OPERATIONS	ABSENT FROM VILLAGE										LABOUR POTENTIAL				FEMALES		Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL		
	Out		AT WORK		STUDENTS						Males		Females		Pregnant	Number of Child Bearing Age		Child		Adults				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				M	F	M	F		M + F	
			16	2	2	2						2	48	8	51	-	39	1.6	36	33	35	52	175	
3		3	27	8	2							7	47	6	39	1	32	1.9	38	35	39	174		
2			25	7	5							6	59	8	37	-	31	1.5	38	34	36	47	192	
			1	7								4	19	4	14	-	10	1.4	12	10	13	16	58	
	5		1	18	12	1						8	39	2	34	-	30	1.9	28	31	25	32	148	
			25	6	10	1				3		10	82	7	70	3	61	2	65	45	47	86	289	
		2	2	11	3	8				2		4	54	8	59	1	45	1.4	34	28	43	72	201	
			35	10	15	1				2		16	94	7	81	4	63	1.9	78	62	53	88	347	
			1	14	6	4						7	47	3	32	-	37	1.6	35	29	39	45	172	
			3	2	6	2						6	38	3	28	3	21	1.5	26	13	18	28	115	
			<del>3</del>	<del>21</del>	<del>6</del>	<del>5</del>				1		6	56	5	45	-	32	2	43	36	40	56	202	
			1	19	3	1						4	35	4	24	1	19	1.8	29	13	19	28	112	
			5	18	9	5						10	54	11	49	-	46	1.8	33	48	36	56	205	
				7	2	2						20	3	23	1	19	1.5	16	12	17	28	84		
			2	8	1	4						2	22	3	19	2	11	1.3	10	9	15	21	68	
			1	22	12	4						6	48	5	47	2	41	1.4	26	29	39	47	169	
				9	4	3						2	19	1	18	-	16	1.5	14	6	10	21	67	
			4	22	3	6				2		12	45	11	43	2	34	1.7	34	35	23	52	177	
			2	12	3	10	3			5		10	62	5	50	-	36	1.7	41	37	49	57	215	
			5	8	2	8				2		9	43	4	37	2	27	2.2	42	33	34	47	176	
			2	18	5	7				2		11	74	6	64	2	50	1.3	42	36	54	82	246	
			4	6	1	14	2			4		11	96	19	77	9	62	2	63	66	77	99	334	
			1	13	3	25	2			1		13	77	15	66	2	48	1.7	43	61	52	81	281	
				12	3	3	1				1	1	9	40	7	42	1	34	1.3	23	23	30	43	140
5 15 39 39 115 149 12 25			8 2			175	128	155	104	36	844	803		748		15	122	434		7				