

Bougainville Copper Concentrates

VOLUME THREE / NUMBER FOURTEEN JULY, 1973.

Apprentice Day at the technical training centre was a great success during the recent Apprentice Week. A good many mine workers and visitors from outside the mine looked round the centre and watched apprentices working at their various trades. Many were impressed with the efficiency and obvious success of the training programme.

A group of Bougainville Copper employees (below) including general manager Mr. Don Vernon watch one of the many demonstrations put on by apprentices.



SPORTS NEWS

The proposed times etc. for our new FACILITIES has now been ratified by management with the following alterations to the article recently published in "Concentrates":-

- . There will be no charge for the swimming pool.
- . The charge for non squash club members for hire of the court will be \$1.20 not \$1.00 as published.
- . The pool will open for a start from 10 a.m. - 6 p.m. not 7 p.m. as published. These times will be changed if the demand warrants later.

BASKETBALL report by Ken Delaney (manager of team): I am happy to report on the tremendous effort displayed by the very young and very fast team which finished fourth in the national basketball titles held in Goroka in June. We started the tournament as underdogs, having to play at 20 minutes notice in place of Mt. Hagen who failed to show up for their game against Moresby at 6 p.m. Moresby controlled the game in the first half leading by eight baskets. In the second half Panguna boys pegged level. Mt. Hagen again failed to make the 8 p.m. game against Lae, and Panguna was called on to play yet another substituted game for the Hapless Hagen Team. This time we went down to Lae by two baskets as a result of technical fouls.

10 p.m. the same night saw the team really start clicking when they downed Madang 46-28. The next five games were watched closely by all competitors as the boys displayed controlled long shots and hard man to man defence which made for spectacular entertainment for everyone.

Having won six games in succession put Panguna in contention for the semi-finals; however an upset win by Wewak over Goroka by one basket automatically put Panguna in fourth spot and out of reach of the semi-finals.

Our team's sportsman-like conduct and desire to win was praised by veteran players from all over the country. I would like to take this opportunity of congratulating the players for their very fine conduct during the tournament.

Top scorer for Panguna was David Hola 58 points and best and fairest player by unanimous decision of coach and players, was team captain Kams Keakop.

On behalf of the team I wish to thank those who helped get us to the national titles, especially Mr. Ron Herrick who organised the charter, among other things. A special thanks to BCP management, without whose financial support we could not have attended.

Results of AUSTRALIAN RULES at the end of the second round:

Mining, 9 - 18 (72) defeated Clerks 7 - 14 (56);
Apprentices 7 - 15 (57) defeated C.F.C. 6 - 13 (49);
Concentrator 19 - 17 (131) defeated P.D.F. 6 - 14 (50);
Ess/Services 15 - 22 (112) defeated Hi-Tech. 1 - 4 (16).

Results of the RUGBY LEAGUE games up to July 1 are:

A Grade

Marshall Lagoon	20	Kumul	13
Tura	17	Barbarians	15
Hiri PDF	17	Brothers	16
Marooks	14	Police	6

B Grade

Marshall Lagoon	8	Tura	3
Kumul	5	Barbarians	0
Brothers	13	Hiri PDF	3

A Grade Ladder

Kumul	10
Tura	10
Hiri PDF	9
Marshall Lagoon	8
Brothers	6
Marooks	6
Barbarians	4
Police	3
United	2

B. Grade Ladder

Marshall Lagoon	9
Kumul	8
Brothers	8
Hiri PDF	4
Barbarians	3
Tura	2
United	2

Soccer report of the recent championships was not received by press time so will be published in the next issue of Concentrates.



Above, members of the Coastal Football Club Australian Rules team.

Phil Sapak got as far as the quarter finals in Noumea which when one considers the talent he was up against is a top class effort. He must have gained enormous experience from this trip.

While in Rabaul with the Rugby team I met up with Alan Richardson who is the man behind the boxing in Rabaul. We have tentatively set about the second week in August for our fight night. He is to let me know the weights he wants us to match so I would say about seven fighters will be making the trip. To help finance the trip we will have a fight night at the RSL prior to August.

- RON HERRICK

GAME FISHING

Graham Hoskins, area foreman, engineering, has rapidly proven himself as the big fish catcher of the Bougainville Sport and Game Fish Club, by closely following his previous successes on marlin and sailfish with a record 193lb white-tip whaler shark captured on 30lb B/S-tackle.

The capture eclipses the previous record of 161 lbs held by Mrs. Dolly Dyer of TV fame since July, 1958. A claim for a Queensland record will be lodged by the club on Graham's behalf.

The club has been accepted into the ranks of the Queensland Game Fishing Association and through this application the club and its members will be internationally recognised and eligible for competitions against all other clubs.

The Bougainville Sport and Game Fish Club is the fifth PNG club to become affiliated with the

Queensland association. The other four clubs are in Moresby, Lae, Rabaul and Madang.

- DON WOODFORD

Panguna Green failed to make it three wins in a row over Panguna Blue in the three-town TENNIS tournament. The first and second teams in the tournament ladder met in a semi-final on June 24 at Panguna and this time the Blues came out on top by 13 games. In the other semi-final Kieta Black defeated Arawa White. Green and Black now meet in a playoff to see who plays Blue in the grand final. The tournament ladder finished as follows:

Panguna Green	32 points
Panguna Blue	26
Kieta Black	20
Arawa White	15
Arawa Yellow	14
Kieta Red	12

Arawa Tennis Club are organising a tournament to mark the opening of their tennis courts in August. Interested singles, doubles or mixed combinations can reach Rod Bowden on 5-178. Firm arrangements have yet to be made however.

films

PANGUNA

Sun. & Tues.	With 6 You Get	Doris Day
July 8 & 10	Egg Roll	Bryan Keith
Thurs. & Fri.	Around the World In	David Niven
July 12 & 13	80 Days	Shirley McLaine
Sat. & Mon.	Hornets Nest	Rock Hudson
July 14 & 16		Sylvia Koscina
Sun. & Tues.	The Reivers	Steve McQueen
July 15 & 17		
Thurs. & Fri.	Rio Conchos	Richard Boone
July 19 & 20		Stuart Whitman
Sat. & Mon.	Witness For the	Tyrone Power
July 21 & 23	Prosecution	Marlene Dietrich
Sun. & Tues.	Steptoe and Son	Harry Corbett
July 22 & 24		

ARAWA

Sunday	Dust, Sweat and	Garry Grimes
July 15	Gunpowder	Billy Green Bush
Wednesday	With 6 You Get	Doris Day
July 18	Egg Roll	Bryan Keith
Friday	Around the World	David Niven
July 20	In 80 Days	Shirley McLaine
Sunday	Hornets Nest	Rock Hudson
July 22		Sylvia Koscina
Wednesday	The Reivers	Steve McQueen
July 25		
Friday	Steptoe & Son	Harry Corbett
July 27		

Above programmes are subject to change as they are dependent on films arriving on site as scheduled.

NURSING AIDS GRADUATE

Arawa Hospital's first nursing aids graduated in June. The 15 girls - all but two of them Bougainvilleans - received their certificates from Father Edmund of Tunuru Mission.

The 12 month course, run by Sister Lane, had a 100 per cent pass rate. Eighteen girls are currently taking the course and should graduate this time next year.

The hospital is hoping to start a community health nurse course of three years next year. Graduates from this course will deal mainly in maternity and child care in the villages.



BCP SPONSORS THE ARTS

The Centre for Creative Arts in Port Moresby is inviting applications from Bougainville artists for two scholarships sponsored by Bougainville Copper Pty. Limited. Applicants - who do not need formal qualifications - must show evidence of talent and ability in one of the following: painting, sculpture, graphic art, drama or music. Successful applicants will be given fares, accommodation, materials, equipment, tuition and a living allowance for one year.

WHARF RESTRICTIONS

The Collector of Customs has directed that any vehicle not having official business within the wharf area at Anewa Bay should not be allowed to enter. Instructions have been given to the company personnel manning the gate to turn back any such vehicle at the Customs checkpoint. The co-operation of BCP personnel is requested in order to adhere to this direction from Customs.

- IAN BAIRD
Harbourmaster

people

Below, from left, discussions over machinery in the central workshop between Vern Stephens, leading hand and foreman Tom McKee-Duff; next is trainee repairman Maguri Auwo and Russ Kennedy, fitter/machinist. Middle, Dave Pardey, L/H boiler maker shows Leubena Gele how to go about it; and two of our clerks, Don Billiu, pit maintenance scheduling and Karik Silingi, central workshop. Bottom, Dominic Tulele, crane operator, and the Ovasuru family - Levo, mechanical engineer and wife Ruth, a receptionist/typist.



BCPL TRADESMEN WIN TRAINING SCHOLARSHIP TO JAPAN

Two of BCPL's recently graduated apprentices have been successful in being accepted for a four month training programme with Isuzu in Japan. They expect to depart first week of August and return late in November.

Once they arrive in Japan they will receive a general introduction and inspection of Isuzu plants; general training orientation and excursion undertaken by the Association for Overseas Technical Scholarship (40 days); various lectures on auto mechanism, quality control, service shop management, spare parts, supply and general information on Isuzu products; factory tours, observation of Japanese dealerships and practical study on rebuilding, repairing and assembling Isuzu equipment (66 days).

During their period away they will be accommodated in a dormitory managed by the Association for Overseas Technical Scholarship; all materials and goods for training purposes will be supplied free and a trainee living expense will be paid on a monthly basis.

The two tradesmen are Ralph Kalabus and Simeon Sarea.

Ralph joined BCPL after completing his school certificate in 1969 at Lae Technical College. He is 23 and comes from Rambuto Island, Manus. As well as his normal apprenticeship training he completed three years of correspondence studies with Queensland Technical Extension Service. Ralph is currently in his third year of the mechanical engineering technician certificate and early this year attended a Ford service school held at Panguna. Ralph was awarded the top BCPL motor mechanic apprentice prize for 1972.

Simeon completed his intermediate certificate at Malaguna Technical College in 1969 then joined BCPL as an apprentice motor mechanic. He also has completed three years of correspondence studies with the Technical Education Department of Queensland as well as his formal BCPL block course training. He is currently in his third year of study towards the mechanical engineering technician certificate. Simeon gained the award of best BCPL motor mechanic apprentice for 1971.

Both Ralph and Simeon are active in all areas of activities both social and sporting and have each attended and been successful in leadership and basic supervision courses.



Above, Ralph and Simeon.

TOK TOK

A long time ago lived a couple with their only child, a boy named Tomidal, in the Gazelle area of East New Britain. The parents often treated the boy unkindly and whenever he did something wrong they punished him very severely.

When Tomidal was of school age his parents enrolled him at a primary school. Each morning when going to school the boy would take his catapult with him to shoot birds along the way. Tomidal soon grew tired of school. On the days that he did not turn up, he would go hunting birds in the bush. He would remain there until school was over then he would rush home pretending he had just returned from school.

Tomidal kept this up for quite a long while without his parents knowing anything about it. However his teacher sent his parents a report one day explaining that their son had not been attending school as regularly as he pretended. The fact that they had been deceived so angered them they set upon him with sticks and beat him till he bled all over.

When they finally released him Tomidal painfully picked himself up and went to stay by himself. He was so saddened at the way his parents had beaten him he made up his mind he would leave them. Without being seen by anyone Tomidal left the village and walked into the bush.

When night came there was no sign of Tomidal around home. The parents, anxious at this long absence of their son, went to look for him. But after a long time of looking around they returned home. Early the next morning they went from house to house in the village asking if anybody had seen their son. Nobody had seen Tomidal. They returned to their house and wept at the loss of their only child.

For two months the parents kept up the search but all their efforts were in vain. They finally had to give up because they reasoned that by this time Tomidal would probably be dead.

However, Tomidal in his new home, a cave in the middle of the bush, was far from being dead. He was living well off the fruits that he found in the bush and the bandicoots that he hunted. At times he would even steal into the village and kill a chicken for himself from his parents' flock.

Although the village people knew of the cave nobody would dare venture too close to it because they believed that it was occupied by a masalai that could kill the people. Because of this they never discovered Tomidal in the cave.

Tomidal remained in the cave for many years but when he was about 32 years old he decided it was time he returned home to see his parents, who by this time were very old. Both were so old that they could no longer build themselves a good house so they were living in one which was just about falling down. The area outside was overgrown with weeds.

The first thing Tomidal did as soon as he came back to the village was to clear the place up of weeds and then he built a new house. His parents were so overjoyed at his return they made a big singsing.

Tomidal's parents are now dead but Tomidal is still alive and living at Nanga Nanga village near Kokopo. He is married and has two children.

By DAMIAN MARAVU
from Kipnabere,
East New Britain.

WAR UNDERWATER

The "Hatsuyuki" was a Japanese "first class" destroyer built in 1936. She sank in Kangu Bay on July 17, 1943, after a direct hit by aerial torpedo. In 1971 a salvage crew from Pacific Diving Company recovered 120 tons of scrap including the 2 - 30,000 h.p. turbine engines of the vessel.

On the Queen's Birthday week-end a group of divers led by pro diver Jim Forrest (a member of the original salvage crew), re-located the wreck in 70ft of water and placed a permanent bouy to mark its position.

Although the midships section has been blasted open to allow removal of the turbine engines, the bow and stern sections are in remarkably good condition considering the 30 years the vessel has rested on the seabed. The twin 12.7 cm. forward gun turret still points out over the bow while the stern turret remains elevated as it was during the final attack.

After locating the wreck late on Saturday afternoon, the group comprising Jim Forrest, Peter Moir, Len Dorling, Barbra Bradwell, and myself spent the rest of the long week-end exploring through the hull and decks of the destroyer.

Large schools of barracuda, trevally and kingfish milled in the 45ft of water between the topdeck and the surface. 60lb turrrum swam leisurely about the superstructure, while coral trout and barramundi cod ducked back into the depths of the hull, startled by the beams of the divers' underwater torches.

A great deal of ammunition littered the wreck and care had to be taken by the divers not to touch it because of its destabilised condition. Another hazard found in the stern section was a number of scorpion fish that would hide up in dark corners, and a large stonefish half buried in the silt on the floor of the deck. Both these fish have venomous spines that can cause extreme pain or death if brushed against by a diver.

By the end of the long week-end the divers had brought up a varied collection of relics including a porthole, beer bottles (1943 vintage) and a propellor from one of the destroyer's torpedos. Due to the depth of water being dived, careful planning had to be maintained to keep the divers off "decompression times" avoiding the possibility of the "bends".



Left, looking out towards the vicinity of the wreck from Kangu Beach. Right Len Dorling at the stern gun turret.

Excellent accommodation was provided at the "Buin Lodge" which was fully appreciated by the divers after a hard day swimming over the wreck.

Members of the group are looking forward to a further trip to the "Hatsuyuki" in the coming month. Unfortunately for latecomers the ship's bell (the dream relic of every wreck diver) has already been recovered by the '71 salvage crew; but they were disappointed to find after much careful cleaning and polishing that no inscription or name of the vessel was to be found on the bell.

Although there are quite a number of wartime wrecks to be found in the waters around Bougainville, it is advisable for the inexperienced wreck diver to contact Jim Forrest or myself (5-137) prior to attempting a dive.

- LYLE MONK



Top, right hand column, a scorpion fish in the engine room; centre, Barbara Bradwell, Steeldeck Industries secretary, holds up a port hole, Japanese bottles of various kinds and a propeller from one of the destroyer's torpedos. Right, Peter Moir diving over the forward twin 12.7cm turret.

IN THE CLOUDS

by mauswara

There must be bits and pieces of the Betty Bomber in which Yamamoto met his end all over the world by now. Souvenir hunters have taken much of the plane which lies an hour's walk from the Morotana-Buin road, the remains of Yamamoto himself are in Japan, the United States Government has received permission to take out some smaller sections of the plane and it is possible that part of the remainder will end up in a war museum Buin Local Government Council is planning to erect. Yamamoto was Commander-in-Chief of the Japanese Combined Fleets. He was shot down in the bomber in April 1943 by a squad of American Lightning fighters from Guadalcanal.....

Wakunai Local Government Council has decided not to hold a Wakunai Agricultural Show this year. The immensely popular event has been cancelled because the councillors feel too much work is involved. The council voted 16 to 4 against the

show at their June meeting. Another feeling was that some councillors could not see any advantages in the show. It will be a big disappointment, however, for many of the villagers of the Wakunai area who were looking forward to attending the show and making some profit from the sale of artifacts. It will also be a disappointment for those who wanted to show their cattle, those who enjoyed the excitement of the singsings and those members of the company who felt, at least once a year, that they could venture out of the mine and see how the Bougainville people truly live. Let's hope the council will think again next year....

Bob Hope, manager engineering, and Maurie Pears, training manager, speared 200 crown of thorns starfish in one hour on the Tautsina Reef recently. It would appear that they are appearing in plague proportions off the Kieta coast and, as coral is their main diet, the coastal reefs are most certainly in danger. However the spiny creatures are extremely difficult to kill and as they can emit a toxic poison it would be advisable to steer well clear of them until a plan can be worked out for getting rid of them.....

Poor Denise Furness was attacked by an electric typewriter in B36 recently. She was bending down to look at the typewriter when her earring got caught in one of the keys. The machine was activated and ripped the ornament right off her ear leaving a nasty wound. Denise is wondering how she managed to offend the machine....

I suppose there's little point in pretending you didn't notice the mistake on page 1 of the No. 12 Concentrates! No, the company hasn't bought a 1934 D 1400 Flamingo bi-plane although it would cause rather a sensation at Jackson Airport if the company did!.....

The British Consul to Papua New Guinea, Mr. Gordon Slater, arrived at Panguna in June with an upset tummy. He had eaten a sandwich in Rabaul which disagreed with him but a quick visit to our liklik haus sik fixed him up. Always thought consuls and suchlike VIP's exclusively dined on caviar, champagne and the like.....

A certain Mud Valley resident appears to be preparing for the new Ice Age. On his wall are a pair of snow shoes (the only ones in PNG?) and on his veranda is a Canadian kayak for when the rivers flood.....



LOOKING AFTER OUR PIPES

In charge of Concentrator pipelines is Harry Wells (above) who has a day shift of eight looking after the tailings pipeline, the concentrate pipeline and the pipelines running the water supply to the Concentrator from the Jaba Pump Station and Kawerong River.

Harry's lads also maintain dams and carry out all necessary repairs on the pipelines. Picture right shows Tapa Lubia clearing under the coupling of a pipe for repairs. Bottom, Luis Duha driving wedges into the 30 inch tailings pipeline prior to repairs.



PANGUNA SENIOR SCOUT NEWS

To an outsider it must have looked like an army division moving camp judging by the amount of equipment that was piled on the beach on Saturday morning of the June long week-end. Eventually it was stowed in the boat, however, and along with its owners - six senior scouts and two leaders, our craft headed out of Anewa Bay for Takanupe Island about two miles away.

A quick look around upon arrival soon found us a suitable camping spot which seemed to abound with small bush clearings and coconut ants. We soon discovered later that these friendly little fellows consider western foods a rare delicacy and human beings so amicable that you are bowled over in the rush to greet you!

After a refreshing dip the boys got to work building quite elaborate bush shelters from the available local materials. Some of the results were comfortable and well constructed.

The boys spent most of the afternoon swimming and fishing, it was too hot for much else. The fish, in the meantime, must have got wind of our intention and cleared out. Those that stayed must have figured they were too smart for us - which was right because no-one caught a thing, that day or the next. Even the crabs that the boys tried to coax out of their holes for bait that evening must have heard us coming.

Sunday was also a scorcher so the water took precedence again. Some of the more enthusiastic built a raft and managed to get that afloat, while the less enthusiastic (like the leaders) took things easy. When the heat of the day had subsided somewhat, a few scouting activities were in order. The evening was brought to a close with a traditional scout campfire in which all participated.

Monday morning, breakfast and water activity over, the job of packing up commenced. No-one seemed too keen to leave. However the boat duly arrived around midday and about the only thing we were glad to be rid of were our exuberant ant hosts.

The seniors wish to express their appreciation to Mr. Don Mitchell who ferried us and our stores to and from the island.

- DAVE BULMAN

COMINGS AND GOINGS

New arrivals include G. K. Connor, chief draughtsman; M. N. Hooper, purchasing officer; R. A. Hildebrand, truck shift foreman; L. G. Balsemin, dozer repair foreman; D. W. Green, senior asset officer; L. E. King, technical education teacher; R. S. Farrar, agency officer; R. B. Chadwick, stevedore; M. R. Rawson, storeman; B. A. Smith, dozer repair foreman; M. Bagebare, labourer; P. Bailey, fireman; E. Guard, docker grade 2; R. Waai, equipment operator; I. Maina, clerk attendant at swimming pool; J. Yukuia, security guard.

Leaving or departed are H. Neale, truck shift foreman; J. L. Ovary, assistant mine engineer; Rosemary Wilson, welfare officer; Alexandra Shapley, stenographer; T. J. Harris, pit training officer; John Reid, construction services co-ordinator.

WANTED

Lightweight two-man tent with built-in groundsheet. John Eccles, 5-255.



Scenes from the first BCP Womens' Club family function held recently at the old Camp 2 mess. Top, happy housewives; middle, secretary Louise Childs on the dance floor with industrial relations officer Leo Tondopan. Above, husbands enjoying themselves, too.

SAFETY BOOTS SAVED HIM

First Papua New Guinean to become a member of the Intactoes Club of Australia is Mathew Wain, repairman in the shovel and drill section of the pit workshop. Mathew received a fractured right foot when the body tray of an Isuzu truck trapped his foot against a concrete platform while he was helping to unload materials from it. His safety boot received the rolling weight of the truck and undoubtedly Mathew would have received serious injuries to his foot had he not been wearing his safety boots. The Intactoes Club is part of the National Safety Council of Australia and is concerned with publishing the need for the wearing of safety boots while at work in industry.



Mathew Wain receives his certificate from safety officer Mike McShane. Looking on is shovel/drill day foreman Jim Morrison.

MAILBOX

Sir, The film "The Seven Minutes" was a well made movie, and would have been of great entertainment to the mine workers. However I do not think it was wise showing it to all the children at a Saturday afternoon matinee.

Many of the scenes had nothing to hide regards nudity and vice in all it's frankness, and while older folk accept this modern trend, it was degrading to our cautious Panguna standards.



Rehearsals for Arawa Little Theatre's next production, "The Shifting Heart" by Alan Beynor, have begun, as the picture shows. Producer is Ray Hopkins (3rd from right). "The Shifting Heart" will be performed at the Fermentary, Arawa, on July 27 & 28; tickets are available in Panguna, Arawa and Kieta, price \$2, including wine and cheese.

- PETER SEARLE

From left:- Wally Aeuckens, John Beagley, Ruth Hannaford, Christine Wall, Ray Hopkins, Roly Cornell and Katrina Barter.



Rosemary Wilson, BCP welfare officer, went finish in late June. Here she is handing out a farewell cake to Nelson Bale, senior clerk, facilities; Hororo Tau, senior clerk, accommodation; and Joe Keriko, camp inspector.

A discussion on orgasm, rape and prostitution is certainly an education, so if anyone screams about further attacks, or any social problem, they can blame it on our so called permissive society.

Interesting to note the previous week's film for kiddies was "St. Valentine's Day Massacre"!

Through the week wonderful westerns are shown, so why not a reshuffle?

- VALERIE J. LAUGHTON

BOOK ABOUT BOUGAINVILLE

Soon to reach the bookstands is Professor Douglas Oliver's "Bougainville, A Personal History", probably the first time the history of the two islands up to the present day has been presented as popular reading matter. Glaring from the cover is Severinus Ampaoi, BCP village relations officer.

Dr Oliver is Emeritus Professor of Anthropology at Harvard University and Pacific Islands Professor of Anthropology at the University of Hawaii. His connection with Bougainville dates back to 1938 when he spent some time in a Siwai village as an anthropologist. Since 1968 he has been employed occasionally by BCP to advise on social problems connected with the mine and to organise a research programme aimed at easing these problems.

There's much in the book to interest BCP employees at all levels. There are chapters on the history of European contact, social customs of the people, geography and on the impact of the mine. There are also some fairly involved chapters on land tenure, kinship and crop growing.

The 212 pages are packed with information relating to Bougainville that would be of assistance to anyone interested in more than the superficial aspects of the islands' life. There are many photos, many of the contemporary ones taken by company photographers.

It would appear, however, that this paperback edition was printed in rather a hurry. Some of the photos and line drawings bear incorrect captions. A woman's skirt on page 182 is in fact a "biruko" umbrella made of palm leaves. A simple dugout canoe shown on page 71 turns out to be a "mona" planked canoe which bears about as much resemblance to a dugout as a fizzboat.

Some of the maps are also rather misleading. One on page 137 claims to show mission stations on the two islands. In fact only 14 are listed out of the 37 here. And only six airstrips are listed out of the 17 available.

Errors aside, Professor Oliver has some interesting observations to make about a variety of issues. Why are Bougainvilleans black for instance:

"Two kinds of explanation may be offered for the occurrence of this enclave of black skins in a part of the Pacific where skins most commonly are various shades of brown. One possibility is that the remote ancestors of all present-day blackskins were a distant racial stock, related only distantly (if at all) to the ancestors of the present-day brownskins. This is the simpler explanation, but it is far too simple. It fails to consider the many other physical traits which blackskins share with their brownskin neighbours, similarities too profound and too numerous to explain away as chance. The other and more credible explanation is that the combination of genetic traits producing darker skin pigmentation developed in situ in these northern Solomon

Islands through the widespread transmission, reproductively, of chance mutations. In other words, at some remote point in the past some inhabitants of these islands were born with darker than usual skin, and their descendants came in time to outnumber those of their lighter-skinned contemporaries. Why they did so can only be guessed at. Perhaps the people with darker skins lived longer than others (e.g., heavier pigmentation does protect somewhat against skin cancers) and hence reproduced more offspring. Or perhaps darker skin was considered more aesthetically attractive, more sexually desirable, than light skin - as appears to be the situation among Bougainvilleans today. In any case, whatever initial advantage black pigmentation may have had, the trait is now genetically established, firmly and universally, and present-day social and political sentiments are likely to keep it so for many years to come."

The role of the Australian army during the Pacific War:

"For reasons which appear to have included military pride and zeal the Australians decided in December 1944 to break out of the Torokina beachhead and reconquer Bougainville-Buka without waiting for the war to be brought to an inevitably successful end elsewhere. Since this decision was widely criticized at the time and publicly condemned after the war, it requires no further discussion here, except to note that it also surprised and puzzled the Japanese commanders on the islands. Realizing their predicament, and being neither more nor less courageous than soldiers elsewhere, they apparently would have been content to live and let live unless forced to defend themselves. A similar attitude was evidently held by many of the Australians involved in the campaigns, but as the record shows they did not let their doubts and reservations curb their actions when called upon to fight."

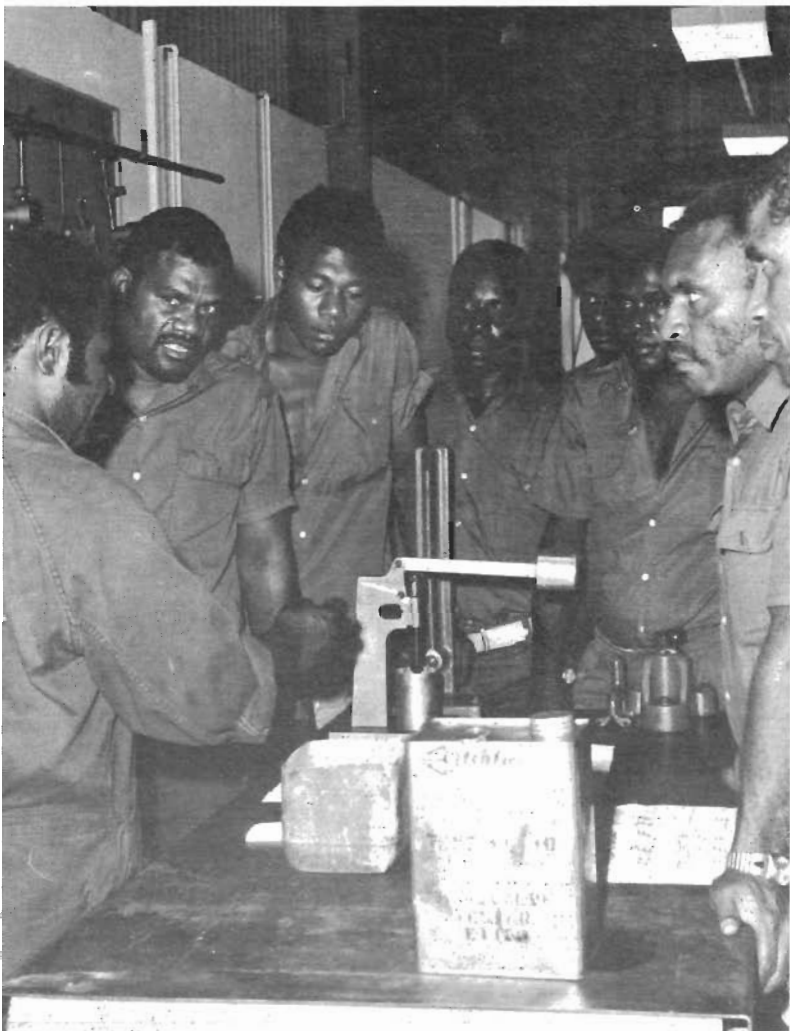
And about the mine project:

"Unfortunately from the company's standpoint, and despite its relatively enlightened policies, several factors have intervened during its first few years of operations to create dissatisfaction and even hostility among some of its indigenous neighbours. Some of this ill-will was brought on by ignorance on the part of company personnel or ineptness on the part of administration officials during the early stages of exploration and land resumption. Some has been aroused by changes made from time in company plans and operations when at several stages in the exploration and testing the scope of the project has had to be expanded. Still other frictions have been engendered by the mine's mode of financing, by management's need to commence revenue-earning production as rapidly as possible in order to retire heavy-interest loans. And still others stem, probably inevitably, from the very nature of the enterprise and of its geographic and cultural setting: a privately owned and managed profit-seeking business with large manpower and land requirements situated among a remote, commercially underdeveloped and, by European standards, culturally archaic populace".

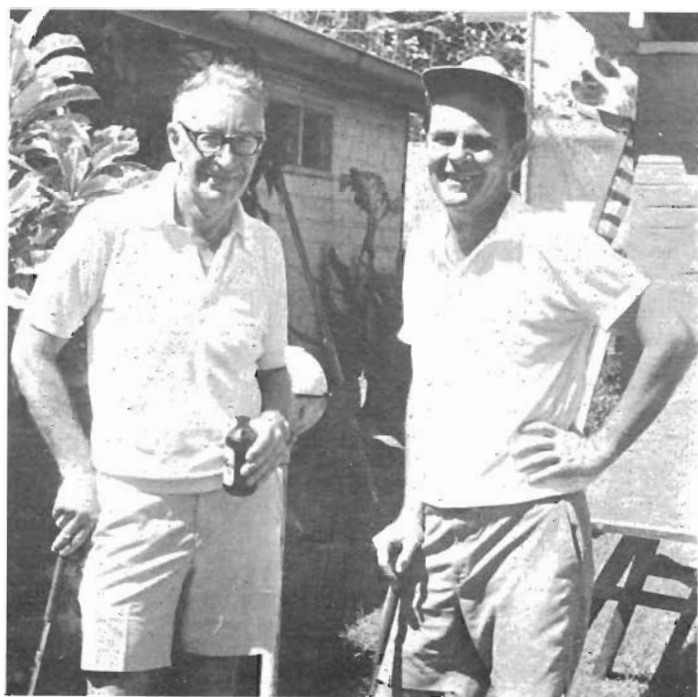
It's about time a book such as this was published and Professor Oliver has done a great service in writing it for an obviously fairly limited market of readers. I hope to see it on sale soon in the bookstores and, better still, adorning our bookshelves. - JSE

("Bougainville, A Personal History", Melbourne University Press, recommended price \$2.40).

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Above, scene from Apprentice Day at the technical training centre.



Two gentlemen obviously enjoying themselves during the recent golf tournament at Buka Passage are Al Thuli, mine manager, and Hal George, manager - administration.

COLUMN THREE

We had near to 300 visitors in June. Among these were Messrs. Suta and Loekito from the Ministry of Mines in Indonesia. The Indonesian delegation has been everywhere in the world looking at copper mines. Bougainville was their last stop-over before returning to Indonesia.

There was also a delegation of four from Bor Copper deposit in Yugoslavia. The copper content at Bor is much the same as that of Panguna, so they found it appropriate to come to Bougainville.

Below, a group of 19 diplomat trainees visiting the mine during their familiarisation tour of PNG. The trainees came from places like Bangladesh, Indonesia, Nigeria, Ghana, Australia, Swaziland and PNG.



Jacob Imora from Pakia village receives occupation fees for his land from BCP.

