



SOUTHERN PORTLAND CEMENT LTD. NEWSLETTER



Miss Rebecca Mary believes that starting a new year is a serious business. She is a grand daughter of the editor.

S.P.C. Wishes You a Safe and Happy 1974

S.P.C. NEWSLETTER

JANUARY, 1974

VOL. 2 — No. 8.

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A.P.C.M. and S.P.C. MERGE

On the 3rd January, 1974 the announcement that S.P.C. was to merge with A.P.C.M. (A) was released to the press.

This has brought S.P.C. into the news, and there is no doubt that we shall see a tremendous rise in status as a result.

Associated Portland Cement Manufacturers (Australia) Ltd. owns three cement producing plants in New South Wales; Portland, Charbon and Maldon, and one in Victoria at Waurin Ponds. The Company also has a major shareholding in Swan Portland Cement, Perth, Western Australia.

Southern Portland Cement has its cement works at Berrima, quarry and lime producing plant at Marulan and Medway Colliery at Berrima West.

The major shareholder in A.P.C.M. (A) is Associated Portland Cement Manufacturers of the U.K., the Blue Circle group which is one of the world's top ten cement groups.

It is intended that, in due course, the name of the company will be Blue Circle Southern Cement Ltd. and of course, the Board of Directors will be re-constituted to reflect the merger arrangements.

It must be emphasized that the merger agreement is subject to the approval of the Australian Government under the Companies (Foreign Take Overs) Act and of the U.K. Treasury.

More news on the far reaching move will be published in the Newsletter as it comes to hand.

EDITORIAL

At this time of the year it seems inevitable that we look back at the happenings of the past months, and forward to the time that is yet to come.

All of us have ups and downs, disappointments, times when everything seems to go wrong. We look to 1974 and no doubt say to ourselves, I hope things are going to be different this year.

Just how things will be, depends largely on ourselves. It's true, and fortunately so, we do not know the future. We may look up 'what the stars foretell' in the dailies and weeklies, and it's good fun, but in reality we do not know what our future holds.

Coming to work this morning in the car, one said "There's a bit of blue sky over there." Another added, "But look at those black clouds over this side." That's one thing we do know about this life. There will always be dark patches as well as the bright spots. So we need to prepare ourselves, to condition our minds in order to see the light shining through, even on the darkest days! Then we will be on the road to victory.

If you've read the book "Pollyanna" you will remember how that little girl brought happiness into many lives because however black things seemed to be, she always found something to be glad about.

Just as the stars are guided in their courses, there must be a course and purpose for each individual life. If we realise this, then we shall be able to meet both the dark days and the bright days of this coming year.

Most of us let all the problems pile up in our minds and they seem insurmountable. But if we take them one by one, it's different, we can keep on top.

It's the same with the coming days of 1974, let's live one day at a time. We must not let our minds dwell on the mistakes and failures of yesterday. Yesterday has gone, never to return. Don't let us have continual forebodings of tomorrow — tomorrow never comes! It's just today that we have to face. So let's tackle today. It's the only way to live and make the most of 1974.

BETTER, QUICKER, CHEAPER HOMES

In these days of rising prices it is refreshing to find a system of building better homes at a substantial saving.

The "H.B.S." System, introduced in last month's magazine, will provide this break-through, and what is more, it will be using Australian Steel and Cement.

Housing is the No. 1 problem in this country and throughout the world. It is the big problem facing newlyweds, the average family just cannot afford the high prices of today! It is the problem facing government authorities; how to provide sufficient low cost housing of high quality in a short time! The "H.B.S." System can be the answer.

During an overseas study tour in 1967, Phillip Boot realised that something new and practical was needed to overcome skilled labour shortages and quality decline in housing. On his return, Phillip and a technical associate, Barry Purnell, began the research that was to perfect the system.

A similar method has been used in the United States, but in this instance the walls were four to five inches thick. The great advantage of "H.B.S." is that the units are made of reinforced concrete of only ONE INCH THICKNESS, and they are strong, hard, resilient and durable; above all they are relatively light in weight.

The units or modules are completed in the factory with door and window openings, right down to furnishing and carpeting. As in the accompanying photograph, a medium capacity fork lift truck can easily

handle a fully equipped "H.B.S." unit, either at the factory or on site.

One important advantage that will have a wide appeal is that houses produced in this way can be individually planned. This is because there will be a wide range and variety of units. They will NOT look like a "row" of "little boxes". External finishes such as brick, curtain walls, panels or cladding, and roofing structures are a matter of separate individual choice.

The widest appeal of all, of course, will be the cost. For single family homes, up to 20% lower than ordinary full brick or brick veneer homes. That means, that a home normally costing 20,000 dollars, would be around 16,000 dollars! That's a lot of money to save!

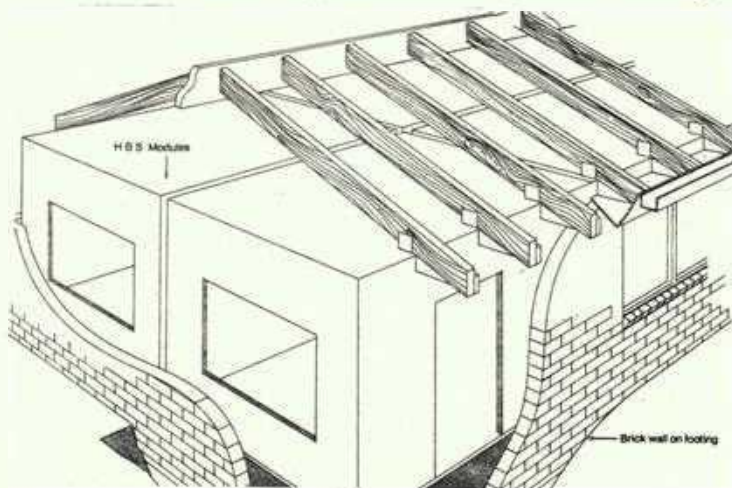
There is an even greater saving in multi-family and high rise buildings, as much as 30%.

After three years of research and development, the Boot organisation reached a stage with this project where they had proved its feasibility, but realised that in order to accelerate the programme, a major Australian partner would be necessary.

In this way, B.H.P. became involved, and the Joint Company has been formed.

It is proposed to build an exhibition house early in 1974. This will demonstrate the application of the revolutionary "H.B.S." system.

Plans are in hand for the first plant to begin production early in 1974, and by May 1974 Hanford Boot Research plans to have the system commercially available for licensing to the building industry.





JACK BROWN RETIRES

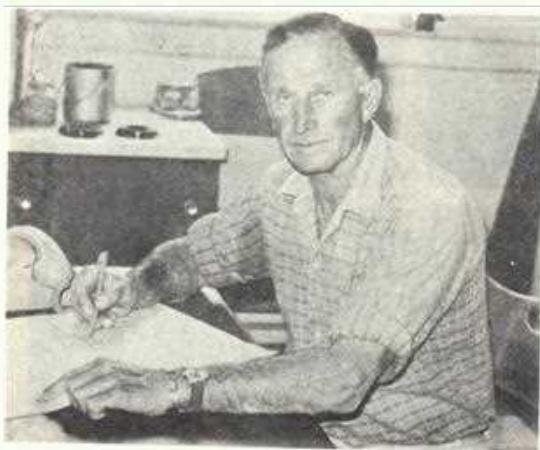
39 years ago Jack was fortunate in obtaining a "temporary" job at S.P.C. He was told that there would only be a few days work. From that time Jack started learning one job after another — fettling, painting, raw mills, power house, burning, and so on. For a considerable time he acted as relieving foreman, then he became permanent shift foreman in 1948. From 1967 he was assistant to J. Colquhoun.

Jack's hobbies are fishing, gardening and bowling, so he will still keep busy.

His workmates presented Jack with a recliner chair at a Dinner held in Jack's honour at the Moss Vale Bowling Club.

Machine Shop mates made an inscribed bronze gaff hook which was presented to Jack on his last day at work in the Machine Shop office.

May you enjoy a long and happy retirement Jack!



Above: top — Jack tries his chair.

Above: He admires his gaff hook.

Top left: Jack as we often saw him in the yard.

Left: At work in the Foreman's Office.

BERRIMA GRAPEVINE

Peter and Robin Galloway are the proud parents of a baby daughter, Tracey Lee — Congratulations. Peter is the son of our Apprentice Training Foreman. He has recently started back at SPC as an Electrical Fitter after finishing two years National Service.

The engagement of Richard Knapman and Miss Elaine Gardiner was announced on New Year's Day 1974. The wedding is planned for the 20th April. The couple plan to live in Bowral after their marriage. Best wishes from us all Rick and Elaine.

Welcome to Wayne Roderick who has recently transferred to SPC as a Technical Assistant to Bill Gale. Wayne came from BHP Newcastle where he has served as a Research Officer in the Central Research Laboratories. As regards sport, Wayne is interested in golf, squash, rugby league and water skiing.

Welcome also to Wally Hay, a student from Sydney University where he is studying Mechanical Engineering. Altogether Wally will be at SPC for 12 weeks. He is here to gain industrial experience. His sporting interests are cricket and surfing.

Another Sydney University student in our midst during the vacation period is Christos Isifidis. He is also studying Mechanical Engineering and for experience is working with Bob Magnus and Frank Ritchie. We hope you enjoy your stay with us Chris.

MARULAN GRAPEVINE

Congratulations to Robin and Jack Scabill on the birth of a son on 19th November.

Chris. Riley is now out of hospital and making good progress.

Russell and Maxine Thompson also had a son, born on 15th November to whom we must also extend our congratulations.

Lawrence Clack is back at work once again after a knee operation.

Welcome back to Robert Fordham after eight weeks sick leave.

Those on leave at the time of writing, L. Sieler, C. Karpuik, John Penfold, Brian Cooper, Tony Cosgrove and Dick and Ron Kruk, trust you all enjoyed the break.

Mick Cosgrove is recovering from an eye operation — Hope you will soon be fully recovered Mick.

George Ibbotson has retired owing to ill health, all the best George.

Stan Kopec terminated in December. He is determined to get experience on Greenkeeping, and will be Greenkeeper at the Crookwell Golf Course — every success Stan.

Fred Watson also decided on a change and will be going into business at the Golden Fleece Cafe and Petrol Station, Nowra. Best wishes from all your mates Fred.

MARULAN SAFETY

The Plant reached 107 days without a lost time injury on December 14th. Good going lads.

The Groups up to this same date stand as follows:-

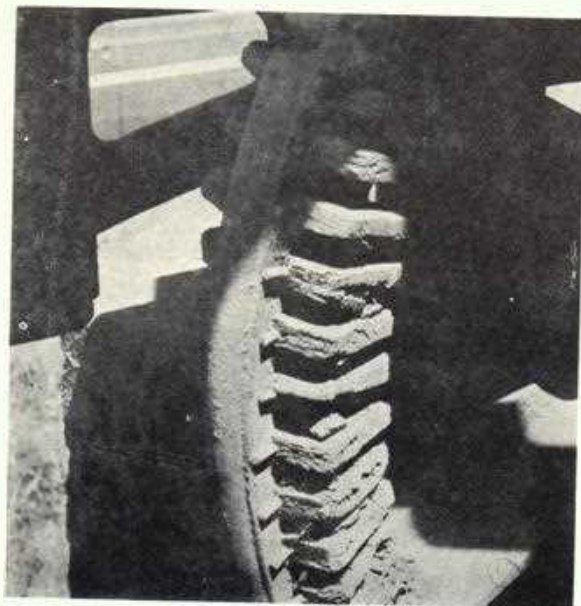
Group No. 1.	710
Group No. 2.	696
Group No. 3.	1572
Group No. 4.	449
Group No. 5.	473
Group No. 6.	92
Group No. 7.	1187

ANOTHER MARULAN LIMESTONE PRODUCTION RECORD

This was accomplished on the night shift of 10th December, 1973 and reached 6090 tonnes. Congratulations!



Above: The prizewinning apprentices on tour.



This old bevel gear at Portland has teeth of wood. When a tooth wore out, a new one was hand made and fitted by tradesmen.

APPRENTICE PRIZE WINNERS ANNUAL TRIP

By David Guymer

This year we rented an Avis Minibus, and our Apprentice Training Foreman, Mr. J. Galloway, acted as driver.

Early on Sunday, December 2nd we started out for our first point of interest, Warragamba Dam.

The lion park was visited on the way.

Arriving at the dam, a competent guide gave us a comprehensive tour. When we were inside the dam, the guide told us that the whole structure is very slowly moving downhill because of the tremendous pressure of one million tons exerted by the water. The dam holds approximately four times the amount of water in Sydney Harbour. It was started in 1948, taking seven years for excavation and five years for actual construction.

Continuing our tour, we passed through Katoomba and on to Lithgow, where we booked into a Hotel-Motel.

The next morning we were on the road again en-route for Portland where a Blue Circle Cement Plant is situated. We were shown over the plant by the Chief Engineer, Mr. Ken McCartney. It was an interesting tour. We saw how white cement was produced, and some of the problems that are encountered.

The Wallerawang Power Station was next on our itinerary. This station has two 60,000 Kilowatt turbine generators and four 30,000 Kilowatt turbine generators.

On Tuesday we visited the Small Arms Factory at Lithgow. This factory has every machine needed to make a complete gun. The factory is Government controlled and also makes golf clubs, tank parts, motor car parts, handcuffs, and so on. The various machines held a great interest for us, milling machines were set up in thousands of an inch. The automatic machines took six lengths of steel at once.

In another section guns came back from the forces to be checked and tested. The testing takes place in a building set aside for this purpose, the safety aspect taking priority.

Twelve hundred people are employed.

There is a separate Apprentice Training Shop well equipped with the necessary machines, apprentices are trained and work here for eighteen months before going out into the factory.

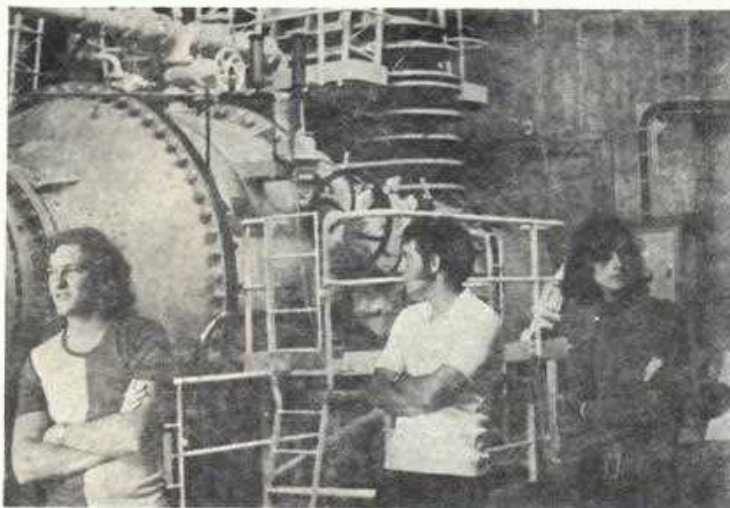
After this, our last visit, we returned to Moss Vale, arriving home on Tuesday night.

The apprentices on the trip were Garry Hinton, John Miller, Ken McGuigan and the writer, David Guymer.

We were in the charge of our Apprentice Training Foreman, and all thoroughly enjoyed the trip.



This old vertical lime burning kiln at Portland used to be hand fired with wood.



The apprentices inspect the valve room at Warragamba Dam.



Rex Williams announcing the result of the General Manager's Trophy.



Neil Lancaster — determined to beat the weather.

A GREAT SUCCESS

The SPC Picnic and Sports held on Sunday, December 16th, 1973, proved a huge success in spite of the showery weather. This was largely due to expert organisation and willing co-operation of the many helpers. The latter were not deterred by the uncertain weather, and undertook their various jobs wholeheartedly. As I listened to the announcements by Neil Lancaster I knew that if at all possible he was going to get through the whole programme.

Down at the Barbecue were the usual hard workers, Bill Hoffman, Bob Magnus, Fred Robjent, Joe Bizjak, and Mr. and Mrs. Bill Simons, surrounded by sizzling steaks and confronted by long hungry queues.

As usual handing out the drinks were Mick Whalen and Tom Lymbery, ably assisted by Johnny Long and others.

Graham Morris struggled to get the Go-carts going, but they had lost their "go," however a new attraction filled the gap, Peter Sutton in charge of the Mini-bikes.

Frank Smith and Keith Graham organised the events assisted by Reg Fitzgerald, and Jack King, who set up the Tug-o-War rope. It would be difficult to name every helper, some took turns at the round-about and the train, others distributed the presents, and last but perhaps the greatest attraction, was Santa.

At the back of it all was the Committee, Kevin Moore who acted as Secretary-Treasurer, and that covers a multitude of jobs, Donny Moore, Brian Betts, Eric Johnston, Bill Strong and Bill Hutchins.

To all those who helped, the Committee say a big *Thank You*.

The SPC Picnic without a doubt becomes more of a success each year.

Congratulations.





GENERAL MANAGER'S TROPHY

This year the Trophy was carried off by Marulan Maintenance with a total of 11 points.

Congratulations!

Points were scored as follows:—

40 yards Flat Race, 40 years and over

Place	Name	Section	Pts.
1	N. Lancaster	Berrima Office	3
2	L. Wilson	Berrima Colliery	2
3	A. Cooper	Marulan Maint.	1

50 Yards Flat Race 26 to 39 years

1	D. Byrne	Marulan Production	3
2	B. Fletcher	Marulan Maint.	2
3	M. Pirola	Berrima Office	1

85 Yards Flat Race 25 and Under

1	R. McAndrew	Machine Shop	1
2	S. Kopec	Marulan Maint.	2
3	B. Murphy	Marulan Production	1

RELAY RACE

1	Marulan Maintenance	3
2	Machine Shop	2
3	Marulan Production	1

TUG O'WAR

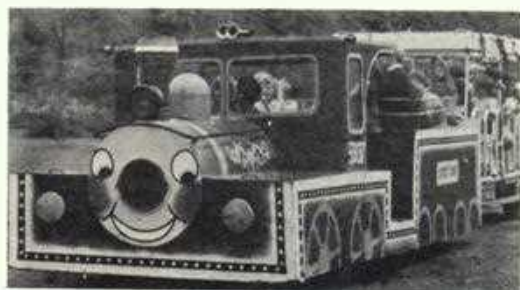
1	Marulan Maintenance	3
2	Marulan Production	2
3	Berrima Office	1

Summary of Points Score: —

Place		Pts.
1	Marulan Maintenance	11
2	Marulan Production	7
3	Berrima Office	7
4	Berrima Production	5



Above: Cliff Shepherd
receiving the General
Manager's Trophy on
behalf of Marulan
Maintenance.



S.P.C. PICNIC AND CARNIVAL SPORTS RESULTS

EVENT	1st	2nd
15 yds. 2 and under 3, Girls —	LEANNE JOHNSTON,	CHRISTINE BUNT.
15 yds. 2 and under 3, Boys —	ANTHONY HICKS,	MATTHEW STRODE.
25 yds. 3 and under 4, Girls —	ALISSA COOPER,	NARELLE CHAPLIN.
25 yds. 3 and under 4, Boys —	RODNEY BYRNE,	JOHN McKELLAR.
25 yds. 4 and under 5, Girls —	ALISON PACKETT,	DIANNE BUNT.
25 yds. 4 and under 5, Boys —	SCOTT BYRNE,	PETER WILLIAM.
50 yds. 5 and under 7, Girls —	SANDRA BELL,	JENNY HADLOW.
50 yds. 5 and under 7, Boys —	STEPHEN WEEKS,	RODNEY ACTON.
50 yds. 7 and under 9, Girls —	TRACY REED,	DEBRA WEEKS.
50 yds. 7 and under 9, Boys —	JONATHAN COOPER,	SCOTT BAZLEY.
75 yds. 9 and under 11, Girls —	JENNIFER HOWE,	BARBARA SMITH.
75 yds. 9 and under 11, Boys —	TONY SMITH,	DAVID REED.
75 yds. 11 and under 13, Girls —	EVETTE MARSDEN,	GAIL BAZLEY.
75 yds. 11 and under 13, Boys —	TREVOR CHAPLIN,	MICHAEL WEEKS.
100 yds. 13 and under 15, Girls —	GALE MARSDEN,	VICKI SMITH.
100 yds. 13 and under 15, Boys —	DAVID MURPHY,	KIM BAZLEY.
440 yds. HANDICAP, Girls —	JOANNE RYAN.	
440 yds. HANDICAP, Boys —	DAVID MURPHY.	
WHEELBARROW RACE under 10, Boys —	PAUL WILSON and STEVEN	BIZJAK.
WHEELBARROW, 10 and under 12, Boys —	TREVOR CHAPLIN and KIM	BAZLEY.
THREE LEGGED RACE — Girls and Boys		
Under 10 —	ROSS COSGROVE and GORDON SMITH.	
10 and under 12 —	MARGARET COSGROVE and EVETTE MARSDEN.	
12 and under 15 —	GALE MARSDEN and MICHELLE WESTON.	
50 yds. Ladies Race —	V. HICKS, J. DELDERFIELD.	
440 yds. Open, Men —	P. CARROLL, D. BYRNE.	
OBSTACLE RACE —	J. BIZJAK, S. ACTON.	





MORE PICNIC PICTURES NEXT MONTH

RECREATION CLUB NEWS

In our drive for foundation members a total of 53 were signed up. A really terrific start for your new club. The list of these foundation members is as follows: Aitken S., Bizjak J., Barcicki M., Barcicki P., Betts A., Betts B., Brown J., Beetson I., Blizzard B., Brown A., Carey A., Churchill S., Chapman H., Donaldson A., Dodds N., Elton A., Fitzgerald R., Fraser G., Grant B., Gale W., Gilroy W., Hermes G., Humphreys P., Hutchings W., Johns E., Keogh D., Knapman R., King P., Lancaster N., Lyons J., Merceica A., Mitchell T., Moore D., Magnus R., Maloney V., Moore K., Moore J., Moore T., Newman H., O'Halloran P., Perry D., Pedersen J., Roderick W., Strong M., Strong W., Strong E., Saker T., Tickner R., Talbot A., Whalen K., Wyeth J., Williamson M., Wrightson T.

Is your name amongst them, if not, why not?

For those who want to join, (which is, after all, most of you) just fill in the Application Form in this issue and hand it to one of the office bearers or a committee member. Just to remind you, we reprint their names here:-

PRESIDENT — Don Moore (Machine Shop)

SNR. VICE PRES. — Bill Strong (Yard)

SECRETARY — Bill Hutchings (Machine Shop)

TREASURER — Eddy Johns (T.S.C.)

PUBLICITY OFFICER — Dave Perry (T.S.C.)

RECORDING SECRETARY — Jim Wyeth (General Office)

COMMITTEE — Rick Knapman (Machine Shop); Ian Beaton (Machine Shop); Mick Barcicki (Machine Shop); Joe Bizjak (Machine Shop); Bill Gilroy (Machine Shop); Kev. Whalen (Stockhouse).

In view of the excellent response to the foundation membership drive it was decided to hold a "Meet the Members Social Evening" at the Hostel on Tuesday, 18th December, 1973.

Some 40 people turned up to this get-together, which was a very pleasing start to the clubs social life.

During the evening a raffle was held in which there were three prizes. But, unlike ordinary raffles the 3rd prize was won on

the 5th ticket drawn from the box. This created a great deal of interest and amusement.

The prize winners were:—

1st Joe Bizjak

2nd Mrs. W. Strong

3rd P. O'Halloran

Next social will have bigger and better prizes, so make sure you are there.

The money raised at this our first social goes towards our Bush Week Queen entrant, Michelle Pedersen of Bowral, who works in the General Office as our receptionist.

The Committee has lined up numerous fund raising activities, among these are — Jackpot Housey nights at the Hostel, firewood raffle, dance and social evenings at the Services Club, woolshed dance, golf day, and many more items.

The committee would like to learn from members and non members, as to what activities they would like to see the club take an active part in.

Five new members were admitted at the last committee meeting. They were:—

Mrs. Mandy Aldridge — Drawing Office; Mr. Joe Yardi — Technical Services Centre; Mrs. Kev Whalen; Mrs. Nel Fraser — Works Office; Mr. D. Wrightson — Stockhouse.

For all our fellow workers at Sydney Office who are clamouring to join our recreation club, clamour no more, instead just fill out the Application Form and return it to Dave Perry (T.S.C.) Thank you!



Pictures above and on the previous page show members enjoying the first
"Meet the Members Social Evening."

COLLIERY RETIREMENT

After 14 years at the Medway Colliery, Tom Jeffrey has retired. In the hand mining days Tom was the Diesel Fitter and at that time looked after three engines. Later he became the Engineers Fitter and has been doing the repairs and maintenance on the Lec Norse Miner ever since.

Tom is well liked by all his mates and everyone knows that he would always do a good, conscientious job.

His son, Jim, started as a cadet at the mine and later went to A.I.S. He has now succeeded in obtaining his Colliery Managers Ticket and works for B.H.P. in Queensland.

May you enjoy your retirement for many years Tom!





This bulk handling facility is being erected in the Brisbane suburb of Rocklea. It will be used for unloading and storage of lime for distribution in Brisbane. The plant includes a rail frock hopper, screw conveyors and bucket elevators. It is also equipped with a large dust collector to ensure dust free operation. Installation is almost complete and it will be in operation in January.

CSIRO TESTS ON BOILER PRECIPITATION

By Joe Yardi

A recent article in the CSIRO magazine, described successful tests conducted by the CSIRO, in connection with an additive which greatly improved precipitation of fly-ash dust. It prompted a telephone call from our end. CSIRO were only too pleased to have the opportunity of trying this additive on our boiler precipitators, and a co-ordinated effort between CSIRO and S.P.C. followed.

The liquid additive known as "T" has a remarkable effect on the electrical characteristics of the fly-ash dust. When injected into the flue duct at rates between 5 to 15 parts per million, the efficiency of the precipitators rises from 80 per cent to well over 99 per cent. Efficiencies up to 98 per cent are also obtained by injecting Concentrated Ammonia Liquid (CAL) but at the much higher rates of 80 to 100 parts per million. CAL has been used in tests by

our company for the last fourteen months. It is obtained from A.I.S. Port Kembla, and is a by-product of the coke-oven plant. Liquid "T" is at present imported, but it could be manufactured in Australia if the demand for it grows.

S.P.C. has long directed it's efforts to reduce the emission of fly-ash dust from the boiler precipitators, and it brings great satisfaction to know that stack emissions can now be well within the requirements of the Clean Air Act.

Opposite Page: The CSIRO Team.

Top left: Reg Delandro assisted by apprentice Jeff Northey.

Top right: Group leader — Colin Paulson.

Below — CSIRO Film Unit filming Stack plume.

Right — Chemist, Phil Collins.

Bottom left: Ron Kahane.

Bottom right: Leo O'Loughlin.



JUNIORS

500 Million Ticks!

No, I'm not talking about insects — there must be far more than 500 million of them. I'm talking about the ticking of a clock. It would take a long time to tick 500 million times, in fact it took nearly five hundred years.

This particular clock has been established as the earliest mechanical clock in working condition in the world — where is it? Well, when I was on my recent trip to the U.K. I visited a number of cathedrals along with Andrew, my son. This particular clock was in Salisbury Cathedral. By the way, Salisbury is pronounced Sawsbury. The city of Salisbury is near the great Salisbury Plain, and the famous huge standing stones of Stonehenge is not very far away. The situation is central South England.

Now about this old clock. We saw it in the cathedral, still working. Most of the parts are the original ones. The clock was constructed entirely of hand-wrought iron. It did not have a dial, and struck only the hours on one of the bells in the Bell Tower.

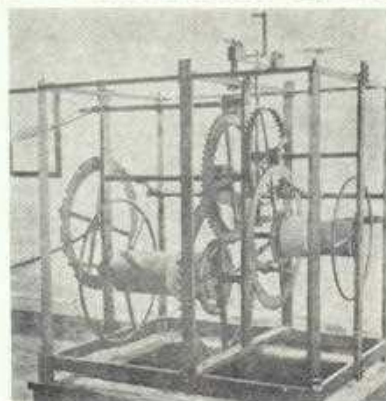
We know that the clock must have been made in or before, the year 1386 because the cathedral accounts for that year include a document concerning the provision of a house for the clock keeper!

So the clock was made about 1386 and housed in a separate Bell Tower, where it struck the hours on one of the bells. For 400 years it worked continuously in that tower. Then in 1790 the old Bell Tower was pulled down and the clock was moved with its bell into the first stage of the central tower of the Cathedral. It worked here for another 100 years, then in 1884 a new clock was installed, and the old clock movement remained in the tower unnoticed. Perhaps the reason being that in those days it was believed that there were several older clocks in existence.

In 1929 the clock was "re-discovered" and thoroughly investigated. It was established without doubt as being the earliest clock in England. It was cleaned and set up in the North Transept, but was not working. In 1956 it was completely repaired and restored to its original condition. A few new parts had to be made, and they were also made of hand wrought iron. New weights were made in the Cathedral workshop and

the old clock is working again, striking what is known as the Bishop's Bell. So the 600 year old clock still ticks on, well over 500 million ticks now. The workmen who made it all those years ago did a good job — didn't they?

The Medieval Clock



RAVENS AT THE TOWER OF LONDON

Ravens were once common in the streets of London. They are a large blue-black glossy bird, similar to a crow. At one time in London they were protected for the service they rendered as scavengers. It is probable that there have always been ravens at the Tower, and there is a legend that the Tower will fall if it loses its ravens. To make sure that they did not get away, their wings were clipped, and they are always carefully guarded. Six ravens are always kept on the establishment and are cared for by a Yeoman Quartermaster.

Each bird receives an allowance of 15 pence worth of horseflesh each week. They have their own quarters in a cage by the Lanthorn Tower.

Ravens can attain a good age, James Crow was a resident for 44 years.

The ravens are popular with most visitors, but not with everyone. Sometimes they are very noisy, and amuse themselves by removing putty from windows and causing damage to unattended cars. Sometimes they take sly pecks at ladies' legs! However the authorities put up with all this, the ravens must be kept in the Tower at all costs.

METRIC MOMENTS

Milk — one pint milk bottles are being progressively replaced with a 600 ml bottle size over the next four months. On 1st March, 1974, all remaining one pint milk bottles will be removed from the distribution.

From January 1st, 1974 rainfall will be measured in millimetres replacing inches and points.

Clothing made to metric sizes will begin to appear in shops from January, 1974.

The Australian Confederation of Apparel Manufacturers is attempting to resolve disagreement in the mens suit industry in regard to metric sizes to replace the existing imperial sizes. The Clothing Sector Committee strongly supports adoption of a 95 cm, 100 cm, 105 cm, chest sizing scheme.

The Allegro, the new Austin family saloon, is the first car in the Austin Morris Group of British Leyland for which the body was wholly designed and developed in metric — news item from the U.K.

Ford estimates that an agreement on a single international system of nuts, bolts, screws and rivets would produce a saving of 500 million U.S. dollars annually for United States companies.

Mr. Stanley E. Mallen, Manager of Fastener Engineering, Ford (US).

There was once a student named Petre Who asked, "Why use metre and litre?" But when he found out He let out with a shout: "Cause metre and litre are neatre." Written by an American teacher, quoted in MCB Newsletter.

DUAL STANDARDS

You have undoubtedly heard the sayings, "To err is human" and "Everyone makes mistakes." So, if you make an error you can think of these sayings and excuse yourself, or can you?

What about the situation where you ask and pay for 10 gallons of petrol and only receive 9½? Will you just say thanks

and think to yourself, "Well, he is only human; everyone makes mistakes," and then drive off? Somehow I don't think so. You will want the other ½ gallon made up. After all you have paid for it, and you are not prepared to accept "near enough" as "good enough."

So now we have 'dual standards.' If you make mistakes you can excuse yourself as being human. If someone else makes mistakes that directly concern you, it just will not do!

Think of both sides of the example of the petrol. Then next time you are tempted to "make do" with a job that is not quite good enough, think how it will affect those around you, and in particular think how it would affect you if you were on the receiving end. Then, "Do it right first time!"

CAPTAIN ZERO.

OBITUARY

FREDERICK EDWARD CHARLES WILLIAMS

It is with great sorrow that we record the death of Freddie, aged 11. Son of Fred Williams, an employee of S.P.C. for many years. Young Freddie died as the result of an unfortunate car accident.

A service was held in the Bowral Salvation Army Hall, during which Freddie's favourite childrens hymns were sung. The internment followed at Bowral cemetery.

All friends at S.P.C. extend their deepest sympathy to Mr. and Mrs. Williams, Freddie's sisters — Debbie, Susan and Jenny, and all members of the family.

JOHN HINTON

Another sorrowful parting came to us this month when John Hinton was laid to rest as the result of a tragic accident. He was the brother of Gary, an apprentice at our Berrima Plant. Our condolences go out to Mr. and Mrs. Hinton and Gary in this their hour of bereavement.

FISHY TALES

Further to the info on trout fishing, I would continue to state that anglers have the right of access around the foreshores of the lakes over a width of one chain (20 m) from the water's edge, but this does not permit them to trespass on or drive vehicles over adjoining properties. Access may be had to many of the rivers and streams along roads, stock routes or other crown lands. On application to the land holders, permission usually may be obtained to fish streams running through private properties.

The Kosciusko National Park and all lakes and dams of the Snowy Mountains Hydro-Electric Scheme are fauna sanctuaries in and on which shooting is prohibited.

On the local scene Nev Gilby and party boated outside for nice bags of Kingfish to 10 kg., Mowies, Flathead and deep sea Bream. Also two Schnapper of 16 and 24 kg. They were one of three boats, all of which did very well. It would appear that boat fishing at the moment is as good as it's ever been.

As far as I am concerned, I have to be satisfied with Schnapper to 14 kg., Prawns to 100 mm. and Lobster to 450 mm! Also gentlemen in mauve ensembles! As a matter of fact, even through Rex Williams' smoke screen I could distinguish a saue looking character in a white voile shirt with blue flowers and matching pants! I also noticed that one of the ladies appeared to have no back in her frock! Not that I was looking, particularly — just noticed! But getting back to this fishing business, guess where the fishing was best just before Christmas?

Oh boy! And no bait or hook needed!

CONGRATULATIONS ON THE FOLLOWING APPOINTMENTS

Mr. John Teague to Acting Superintendent Marulan Quarry.

To Professional Staff-

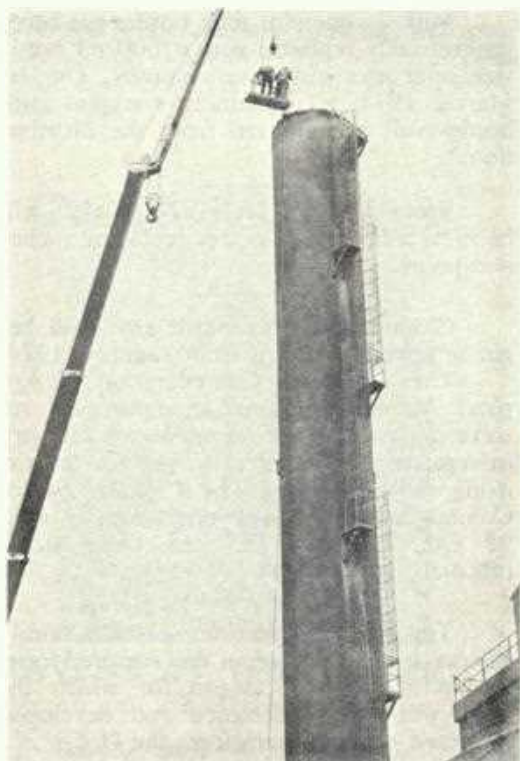
Mr. Keith Graham

Mr. John Grilz

Mr. Trevor Pearson

Mr. George Turzynski to Staff as Assistant Engineer.

Mr. Alf Hare Acting Shift Foreman.



Don Moore and Joe Bizjak show the quickest way to the top — of the stack.



GARDENING NOTES FOR JANUARY

- FLOWERS:** SOW: Antirrhinum, Aquilegia, Aster, Allysum, Anemone, Bellis perennis, Canterbury Bells, Calendula, Carnation, Cosmos, Foxglove, Dianthus, Eschscholtzia, Godetia, Gaillardia, Iceland Poppy, Polyanthus, Primula, Salpiglossis, Stock, Sweet Pea, Wallflower.
PLANT: Antirrhinum, Aster, Stock, Wallflower, also Nerine bulbs and Gladiolus Corms.
- VEGETABLES:** SOW: Beet, Beans (Dwf. and Clbg.), Carrot, Parsnip, Parsley, Spinach, Silver Beet, Sweet Corn, Swede Turnip, White Turnip, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Celery, Cucumber, Squash, Pumpkin, Endive, Lettuce, Mustard, Radish.
PLANT: Lettuce, Tomato, Cabbage, Cauliflower.

Good rains in November and early December have given the garden a very good start for the Summer and now it will be necessary to see that weeds are kept under control and normal watering is carried out during the hot months.

Good gardening resolutions can now be made, going over the mistakes of the previous year and endeavouring to rectify them. If there's a tree or shrub you mean to plant, make a note of it and remember to purchase and plant it at the right time. Don't forget to spray fruit trees for Fruit Fly and Codlin Moth control and give a Summer strength spray of fungicide to any trees or shrubs showing mildew or spotted leaves. Keep baiting for slugs and snails. These have been eating all through the Winter and are still very busy.

Best Wishes for the New Year and Good Gardening during 1974!!!

KEEP SMILING

John Grilz recently handed to the editor an extract from "The Engineering Associate." The article had originated in a South African Newspaper.

It concerns the experiences of the provincial social welfare officer of Matabeleland. He says that he needs the patience of a saint, the courage of a lion, the tenacity of a limpet, the delicacy of a butterfly, the hide of a rhinoceros, the endurance of the sphinx and the wisdom of Solomon! Looking at extracts from letters received at the welfare office, he also needs a great sense of humour. Here are just a few!

I cannot get sick pay, I have six children, can you tell me why this is?

This is my eighth child. What are you going to do about it?

I am glad to say that my husband, who was reported missing, is now dead.

I am writing these lines for Mrs. J., who cannot write herself. She expects to be confined next week and can do with it.

I am sending my marriage certificate and six children. I had seven and one died,

which was baptised on half a sheet of note-paper by Rev. Thomas.

In answer to your letter I have given birth to a baby boy weighing 10 lb. Is this satisfactory?

You have changed my boy into a girl. Will this make any difference?

In accordance with your instructions I have given birth to twins in the enclosed envelope.

Milk is wanted for the baby, and father is unable to supply it.

Re your dental inquiry, the teeth on the top are all right, but the ones in my bottom are hurting terribly.

CROSSWORD RESULTS

- 1st — \$5, Jim Wyeth, General Office
2nd — \$3, Cathy Brooks, Moss Vale
3rd — \$2 — Mrs. A. J. Shepherd, Marulan
Consolation Prizes of \$1
1 Bruce Clynes, Laboratory
2 Tom Sharkey, Marulan
3 Ian Dickson, General Office
4 Julian Baumann, Laboratory
5 Helen Staubner, General Office

8

ACROSS

- 1 Fashion craze
- 4 Brief plunge
- 7 Mail
- 11 Frost
- 12 Gambling game
- 13 Declare positively
- 14 Tidiness
- 16 Man's name
- 17 Swinging barrier
- 18 Score
- 20 Under
- 22 Twirl
- 23 Bad
- 24 Deficit
- 28 Money of Japan
- 29 Make amends
- 30 Actor Steiger
- 31 Pirate's wealth
- 33 Sooty fog
- 34 Prong
- 35 Digging tool
- 36 Scottish plaid

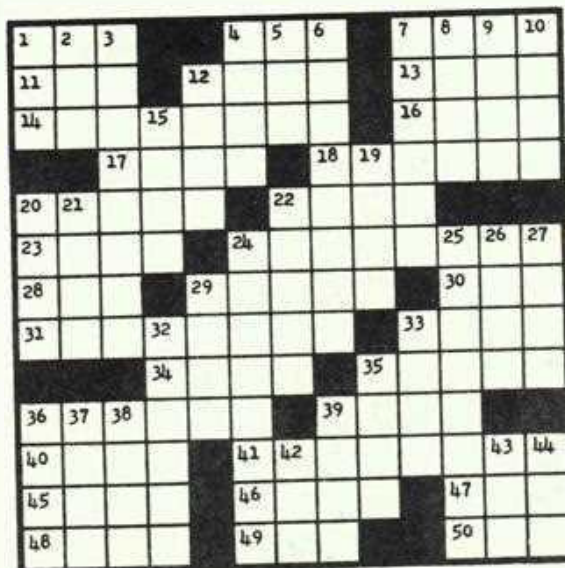
- 39 Join by sewing
- 40 Hautboy
- 41 Concern
- 45 Cry of woe
- 46 Lack
- 47 New (comb. form)
- 48 Fender mishap
- 49 Sapphire, e.g.
- 50 Spigot

DOWN

- 1 Fish propeller
- 2 Combat pilot
- 3 Time limit
- 4 Antlered animal
- 5 Office holders
- 6 Defer
- 7 Mother, e.g.
- 8 Baking chamber
- 9 Transmitted
- 10 Three, in cards
- 12 Recognize
- 15 Implement
- 19 Metal thread
- 20 Finest
- 21 Always
- 22 Coast
- 24 Very attractive

- 25 Military force
- 26 Fine!
- 27 Border
- 29 A continent
- 32 Bear witness
- 33 Ship's pole
- 35 Plant ovule

- 36 Leaping amphibian
- 37 Competent
- 38 Variety of sheepskin
- 39 Watch shaft
- 42 Born (Fr.)
- 43 Ocean
- 44 Spinning toy



S.P.C. RECREATION CLUB APPLICATION FOR MEMBERSHIP

DATE

I, AGE
(Print Full Name)

OF, TELE. No.
(Print Full Address)

HEREBY MAKE APPLICATION FOR MEMBERSHIP OF THE S.P.C.
RECREATION CLUB.

SIGNED CLOCK No.

PROPOSED BY

SECONDED BY

MARRIED/SINGLE

DATE APPROVED

PS

Vol. 2. No. 9



February, 1974

SOUTHERN PORTLAND CEMENT LTD.

NEWSLETTER



Michelle Pedersen, S.P.C. Recreation Club's Bush Week Queen entrant, admires the roses outside the General Office, Berrima.

S.P.C. NEWSLETTER

FEBRUARY, 1974

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J. Lewis — Bits and Pieces.

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—oOo—

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of issue.

MERGER OF SPC AND BLUE CIRCLE

The merger of the two cement companies, SPC and APCM(A) announced in the last edition of our Newsletter, has now been approved by both the Australian Government and the United Kingdom Government.

APCM(A) will now place the merger arrangements before an extraordinary General Meeting of their shareholders to be held in late March. Shortly afterwards it is hoped that the legal aspects of the merger can be completed so that the new company can commence to operate in its own right some time in April this year.

At the present time the suggested name of the new company is "Blue Circle Southern Cement Ltd." although a final decision still has to be made on this matter.

Several appointments in the new Company have already been announced.

Mr. F. E. Taylor, at present Managing Director of APCM(A) will become the Managing Director of the new Company. Reporting to Mr. Taylor will be three directors — Mr. Jim Layt, Director-Finance and Administration; Mr. Michael Spurr, Director-Technical Services; and Mr. Rex Williams, Director-Line Operations.

During the first six months of the merged group, the Cement Works, Quarry and Colliery will continue to report to Mr. Rex Williams. During this time these operations will be phased into the N.S.W. operations of the new Company.

Our Personnel Superintendent, Mr. Bill Rungie, will control staff matters for the new Company and industrial matters will be handled by the Industrial Superintendent, Mr. Michael Mulhall, at present Group Industrial Officer for APCM(A). They will both report to Mr. Williams.

Mr. Jack Schott will become the Manager Quality Liaison; Mr. Lloyd Veal, Manager Raw Material and Facility Planning; and Mr. Wal Parsons, Engineering Manager. These functions are in the Technical Services Department.

More Merger news in our next issue.

EDITORIAL

Recently our Apprentice Training Foreman, Jim Galloway, gave me a list of young men of S.P.C. who had completed their courses of training. As I read the words "course complete" after each name, it started a train of thought. A course of training is not completed without a great deal of hard work and sacrifice.

I remeber one particular college course many years ago, it will serve as a typical example. Many students started the course, but before the end of the first year many had dropped out. The second year saw others who "just couldn't make it". The third year one or two more gave up. It would seem that a great deal depends on our attitude when we start out. The young people who eventually graduated were those who at the beginning of the course had said to themselves, "if I have health and strength I'm going to finish this course."

The Commonwealth Games teach the same lesson. As I have looked at the splendid efforts of members of our Australian Team on television, the endurance and determination, I couldn't help exclaiming "how do they keep it up?" A moments reflection and it was obvious, it was the result of thorough preparation. Years of rising early, practice, practice, practice, years of sacrifice, but why go to all this? Each young woman, each young man, had a goal in view, they were determined to win a medal for Australia, to set an example in order that the world would get the right idea of Australian youth. To prove to themselves that they could do it, and they did it.

Youth, plus health and strength, has a great deal on its side. Not all make it to the limelight, but each one has the opportunity to 'make it' in his or her own little world. It is very easy to be side-tracked in the race, but with eyes on the goal of completing what has been started, with determination and confidence gained through much practice, the goal can be reached.

As I write these lines — Australia is leading at the Commonwealth Games in New Zealand. Our competitors are taking part with firm resolution and assurance gained from long practice. They are determined that for them also, it will be 'course completed'.

It can be the same for every apprentice and trainee. It's not easy, but it can be done!



Recent visitors at Berrima plant. From left: Mr. J. B. Reid, Director, BHP; Mr. T. K. Duncan, Chairman SPC Board; Mr. J. S. Balderstone, Director BHP.

Right: New Apprentices.
Back row from left: Alan
Challinor, Ken Bromfield,
Gary Chalker, Pat Row-
ley, Alan Adams, John
Ferguson.

Front row: Joe Ewart,
Adrian Smart, John Tal-
bert, Danny Murphy,
Steve Lucre.



TWO MORE SAFE WORKERS AT BERRIMA PLANT



Above: Bert Garbutt, Power House.

Left: Henry Newman, Electrical Shop.



Above: The motor and winding equipment.

Opposite page: Eric Winner, Dolly car driver.

Below: The dolly car brings up the miners.



BERRIMA COLLIERY MINE WINDER

By John Medland

During the last Christmas holidays, new D.C. winding equipment was installed and commissioned at our Berrima Colliery replacing the existing A.C. winding equipment.

The new D.C. winding equipment employs the Ward Leonard system which is basically an A.C. motor directly coupled to a D.C. generator the output from which powers the D.C. winder motor.

Although the conventional Ward Leonard system is now being superseded with fully static thyristor converters, it was chosen in preference to the static converters due to the fact that this type of convertor does inject harmonics into the A.C. power supply system. In some cases these harmonics have deleterious effects on certain types of radio communication system. Our existing radio control equipment was suspected of being in this category, hence the preference for the Ward Leonard system.

The D.C. speed control system incorporates the very latest in solid state electronic techniques and indicates very precise supervisory equipment that continually monitors the operation of the winder. The slightest evidence of any malfunction results in a shut-down. Speed is maintained within plus or minus 2% of the preset speed.

In the control car is a radio transmitter, and on both sides of the track there are pick-up wires. The radio receiver in the winder house receives the message and automatically adjusts the speed of the car on the incline.

The speed of the winder is automatically programmed over the various sections of the incline. Starting down from the top the speed is limited to 104 f.p.m. for the first 150 ft. or so. The winder then smoothly accelerates to the maximum speed of 520 f.p.m. and again slows down to 104 f.p.m. before it reaches the stop in the main drift.

The total distance travelled is 1700 ft. vertical distance is 340 ft. Time of travel is 4 min. Irrespective of what the driver does in the dolly or control car, the preset speeds over the various sections of the incline cannot be exceeded.

With the original A.C. winder a mechanical braking system was used to bring

the winder to a standstill, which due to its severity, placed a great strain on the rope and made travel and stopping rather uncomfortable for personnel.

The D.C. winder utilises regenerative braking which brings the winder to a very smooth standstill both coming up and going down. The mechanical brake now is only applied after the winder has been stopped under regenerative braking.

The D.C. winder is a vast improvement on the A.C. system. There is minimal wear on the mechanical braking system, and the rope is not subjected to the severe stresses. With regenerative braking the winder motor acts as a generator which converts the braking energy into electrical power, which recovered power is "pumped" back into the Colliery power distribution system. Theoretically the recovered power with regenerative braking going down the incline should equal the power required to come back up. The main losses will be mechanical, such as rope friction, rail truck irregularities and mechanical friction in the winder gears. The electrical losses will be less than 10%.





OUT OF THE PAST by Terry Saker.

The accompanying two photos taken some 40 years apart show how our Berrima plant has changed over the years.

The older photo shows the limestone gantry, No. 1 and 2 Raw Mill building, the wash mills and clay tanks. The area in the foreground was known as the "Clay Pit" where clay shale, for use in the wash mills was won by the Marion steam shovel at the left of the picture. The clay was

transferred to the wash mills in the steel skips on the narrow gauge railway shown in the photo.

The Marion shovel has an interesting history. It was one of the first pieces of equipment brought on to the plant site in 1927, and it's first job was to dig the main drain, which runs through the works area, and now carries the return and storm water back to the dam on the Wingecarribee River.

During World War II the shovel was required at Marulan Quarry and the only



way to get it there was under its own power. The journey took about a week, and coal was hauled by motor lorry each day to feed the boiler, the water supply was replenished from creeks and dams along the way.

The old shovel was replaced in the late '50's by the present Jaques machine after many years of stirring service.

The other photo, taken from approximately the same spot, shows a great change over the years. The "clay pit" area is now occupied by the Technical Services Centre. The limestone unloading system nearby hides the wash mills and clay tanks. No. 3 Raw Mill building can be seen over the conveyors. The trees in the background have grown considerably over the years, when compared with the other photo. The limestone gantry has been extended northward over the railway lines, while the rail lines at the southern end of the gantry were only installed recently.

The garden and landscaping around the Technical Services Centre are a great improvement on the same area 40 years ago.



MOVING ON

David King of the E.D.P. Dept., has moved on to pastures new. We are sorry to say goodbye, but wish him every success.

David served his apprenticeship as an Electrical Fitter, and then went on to take his Electrical Engineering Certificate.

He then switched to the Commercial side and took various I.B.M. Computer courses. Eventually he was put in charge of our E.D.P. Dept.

David has been with S.P.C. for 15 years. His father George King works in the Laboratory and his brother Roger, is Assistant Electrical Foreman.



A highlight from the Commonwealth Games — Sorry, I means the SPC Picnic.

REG FITZGERALD RETIRES AND BILL TIYCE MOVES ON

After 36 years service with S.P.C., Reg Fitzgerald ("Fitzy") decided it was time to make a change. He started as a rigger, but soon was transferred to the Stock house — where he stayed, apart from the war years, and a spell at the Wyee Depot. During his time in the Army Reg served in New Guinea. After loading for many years Reg became Relieving Foreman and later Foreman, which position he has held in recent years.

A farewell was held in the Moss Vale Bowling Club, which was well attended by Stockhouse personnel, and many others, including Pop Wrighton, Percy Aitken and Ron Tiyce.

Because Reg evidently loved answering the telephone when on the job, Key Whalen presented him with a toy telephone! He was also presented with a .22 Repeating Rifle. Maybe he has other "jobs" in mind now!

Bill Tiyce was also farewelled at the same time. Bill is having to move to a drier climate owing to the illness of one of his children, Shirley, aged 6 years. Bill has been with S.P.C. for 12 years. He started in 1961 as a labourer, then went on to Tradesmans Assistant, followed by Limestone Unloader, and then Loader at the Stockhouse. His mates presented Bill with a camera and he started taking a few shots. Reg would have liked to take a few shots with his ".22" also but luckily he was restrained.

Reg Fitzgerald retired on February 1st 1974 and all wish him a long and happy retirement.

Bill left us on the 24th January. Best wishes Bill, and may the move be a good one for Shirley.



S.P.C. RECREATION CLUB

Winners of the 100 Club

Week Ending 18-1-74—Peter Sutton (141)

Week Ending 25-1-74—Geoff Peters (118)

Week Ending 1-2-74—Ken Powers (143)

Week Ending 8-2-74—Henry Newman



Johnny D'Adam makes the presentation to Bill Tiyce.



Above: Electrical fitter Bernie Rowley and his Apprentice John Bath with some of their handiwork. Made from one-sixteenth inch steel plate, it is a new panel fascia for a new service pump in the Power House.

Right: For 23 years Joe Pawlak served with SPC Berrima as a Tradesman's Assistant. He retired on the 18th January, 1974. He is seen here with Bill Gale, General Superintendent, who had just presented Joe with a farewell gift from his mates, a special type of wall clock. Bill Gale mentioned how Joe had been well respected by all his mates and the management, and that he had always been a conscientious worker. We all wish Joe much happiness and good health.

MORE PICNIC PICTURES







Shooting the rapids — Robert Delderfield and Lloyd Ray.

OBITUARY

VICTOR RONALD LIMOND

It is with sorrow that we record the sudden passing of Ron Limond on Wednesday, 13th February. He was well known in the Machine Shop, Berrima, where he worked for nearly 8 years as a Tradesman's Assistant. Latterly he worked in the tool store. His brother Albert is now the only remaining brother of four, there were also nine sisters, eight of whom

attended the funeral. The service was held in St. David's Church of England, Burrawang. There was a large attendance of relatives and friends.

All at S.P.C. extend their deepest sympathy to the widow and her sons, Ron, Bruce and Gary, also to his brother Albert and all surviving relatives.

FAMILY SAFETY PAGE

Belt Your Children!

I thought that might start you reading. But in a car crash holding a child will not prevent its being flung about inside the car. However tight you may be holding the child, the forces developed even by an impact at 20 mph are just too much. At 20 mph it takes 600 lbs. to restrain a child of 30 lb. weight! Not many of us are that strong. Perhaps you saw the weight lifting at the Commonwealth Games, I remember one very strong man baulking at about 450 lbs. Even low speed crashes of 12 to 15 mph can cause fatal injury, I for one did not realise the amount of energy released in these situations.

Therefore belt your child.

In an article in Australian Family Safety from which I obtained some of this information, the author Dr. J. H. Birrell, who is a Victorian Police Surgeon, states that in N.S.W. and Victoria between 20 and 30 children under five die in this way each year. They are thrown about the car or through the windscreen or window. To illustrate something of the force generated Dr. Birrell tells of a grease gun that was lying on the back seat of a car involved in a crash at 35 mph. After the crash the nose of the grease gun was found poking through the front part of the roof of the car!

So when you provide that safety belt for your child or children make sure that it is strong and that the straps are wide, so that in the event of a crash the forces are distributed as widely as possible over the area of the child's body. Most important of all the child's safety seat should be securely anchored. A child of 8 years can safely use an adult seat belt. It is a good idea to give a cushion to sit on so that the sash part of the belt passes over the shoulder and chest.

Dr. Birrell warns that there are still some so called safety devices on the market which offer no real protection, and may even be dangerous, therefore the S.A.A. (Standards Association) mark of approval is vital.

Belt your children!

HEAVY HEAD

If your head stops from 30 m.p.h. suddenly to zero by hitting, say the dashboard of your car, the force released is 176G. i.e. the head weighs 176 times more for that fraction of a second! That's one thing that can happen if you are not wearing your seat belt.

SAFETY WITH GLASS

One of the most frequent causes of accident is broken glass.

Sharp edges can cause severed arteries, nerves and tendons. Jagged edges can cause lacerations with risk of infection.

Bottles lying around are often knocked over accidentally, sometimes a thoughtless person throws or drops a bottle and leaves the broken glass.

SAFETY HINTS:

- (a) Always wear sandals, thongs or shoes.
- (b) provide a carrier for milk bottles
- (c) Return empty milk bottles daily.
- (d) Return soft drink bottles to shops promptly.
- (e) Place non-returnable bottles in the dustbin.
- (f) Do not keep medicine bottles. Pour left over contents down the sink, wash them and place them in dustbin.
- (g) Store all bottles out of reach of toddlers.
- (h) Do not allow small children to carry or play with bottles.
- (i) Sweep up broken glass — never pick up, wrap in thick newspaper and place in dustbin.
- (j) Never put detergents, disinfectants, petrol or kerosene in milk or cordial bottles. These can be mistaken for drinks and swallowed by a thirsty child.
- (k) Never allow children to drink from a bottle whilst travelling in a car.
- (l) Make sure glass doors are well marked.

from
"Australian Family Safety"

JUNIOR'S PAGE

THE DAY IT RAINED DUCKLINGS AT S.P.C.

Jack the gardener was going about his business mowing the grass around the old gum tree near the General Office, Berrima.

Suddenly, without any warning, very young ducklings were falling on his head and shoulders and round about him on the grass. It took him a little time to recover from the shock, and by the time he had raised the alarm, Mrs. Duck was leading as many of the ducklings as she could to safety. There was a scramble and three of the ducklings were caught and put in the care of our printer, Mr. Nik Anikin. He says they are ducklings but another authority says they are goslings, as ducks do not nest in trees. However, Nik has proof — he says his three birds "quack" and goslings "honk".

It seems that this particular mother hatches her brood high up in this same tree every year.

One thing for sure, Jack the gardener won't forget the day it rained ducklings at S.P.C.!



93 RUNS FOR ONE SWIPE!

I was very intested to read of a cricket match in 1894. The account appeared in a magazine called "This England" and it was written by Aubrey Bush.

The match was between two London teams. Camberwell Albion went in to bat first, scoring 129 all out with only 35 minutes left for play.

The opening batsmen for the Peckham Pushers went on the field with no great expectations. J. Brown took the first strike and evidently with no worries, took a mighty bash at the ball. Fortunately the two met, The ball soared though the air towards the boundary where it landed in an overhanging tree and lodged in a rook's nest!

According to the rules of the game at that time, it was not a lost ball, for the ball could be seen resting in the nest. The rook's nest was inside the boundary, so the ball was technically still in play, and the fielders had to do something about returning it to the pitch. Meanwhile the two batsmen were

running from wicket to wicket. By the time the ball was returned to the pitch the batsmen had completed 93 runs!

BOB & HIS BEES

Bob Friend of the Boiler House, Berrima plant, has kept bees for many years. Recently he brought in some very interesting information. For instance, I was amazed when I read that a strong hive can number up to 75,000 bees! The average is about 50,000.

It doesn't take us a moment to open a jar of honey and take out a teaspoonful, but the bee has to make 154 trips, more or less according to the distance, in order to obtain that same amount of nectar. Sometimes a bee flies to a distance of nine miles for one trip. Actual weighings have shown that it takes 20,000 trips to bring in one pound of nectar from the flowers and blossoms. It has been estimated that in order to gather one pound of nectar, bees fly a distance equal to a journey of three times around the world. This takes 16,000 bee hours!

Indeed, these workers — what with gathering nectar and feeding the drones, which are unable to feed themselves, live only from five to eight weeks, their wings wear out.

The Queen only mates once with a drone bee, and that is in the air on the queen's first and last flight, unless the hive becomes over populated and the queen decides to leave, in which case she takes half the population and the bees swarm.

After mating, the queen lays between 1,500 and 1,800 eggs each day during the summer months. She can lay her own weight of eggs in one day. Her average life span is two to three years.

The worker bee, foraging among the flowers, sucks up nectar until it can hold no more. It also moistens pollen grains in its mouth and then, using its front legs as hands, packs the pollen into a basket on each of its hind legs. Fully loaded it flies back to its home, where other workers take the surplus nectar and transfer it to a honey cell. They unpack the pollen and place it in a pollen cell. As each cell is filled it is sealed with a lid of wax. The nectar, which started to become honey in the gatherer's stomach, undergoes further chemical changes in the

sealed cell, and presently it becomes the honey that we know.

As the bees go about gathering nectar and pollen, a great deal of pollen is brushed from their bodies, being carried in this way from flower to flower. So the honey bee, in addition to providing honey, also serves the very important process of fertilization, and as a consequence the yield of fruit and flowers is greatly increased.



In December 46 boys and girls from Erina High School, Gosford, visited Berrima Plant. They were on a three day tour of the district. The teachers in charge were Mr. and Mrs. Neville Gibson and Miss N. Saunders.



METRIC MOMENTS

The switch to metric road signs will occur on the 1st July this year.

It is expected that road speed and distance signs throughout Australia will be converted in a one month period.

Motorists will be encouraged to have their speedometers converted, although it is recognised that many may prefer to wait for a metric speedometer until they buy a car with one fitted.

In such cases, motorists will merely have to observe the present imperial speed, for example, 35 mph in built-up areas and 60 mph on the open road. The corresponding recommended metric speeds are 60 km/h and 110 km/h.

Other conversions to take place during 1974-1975 include petrol — litres to replace gallons, oil — litres instead of pints and tyre pressures — kilopascals instead of pounds per square inch.

Grapevine — Marulan

Congratulations to Peter and Vicki Knowles on the birth of a daughter on 23rd January, 1974.

Incidentally Peter has been transferred to the Berrima plant.

Ian Crawford, Blackwood Hodge Serviceman, recently married and the couple have made their home in Marulan South. We wish them every happiness.

More congratulations to Lorraine, youngest daughter of Trevor Pearson. Lorraine was married on the 26th January, 1974. The reception was held at Marulan.

Many of the Marulan boys spent their holidays over Christmas at the same time as Angus Murphy our representative. Angus says there was plenty of rain and very little fish.

At the time of writing the following are enjoying a break. Bruce Murphy, Frank Bulger, Bill McCallum, Trevor Pearson, Vince Mardesic, Eddie Cooper, Les Lucere and Keith Delderfield.

We were sorry to hear of the death of Keith Delderfield's father and extend our condolences.

Colin English has been ill for some months. We hope that his health will soon improve, and all wish him a speedy recovery.

South Marulan Cricket Club are running second in the Goulburn Competition.

The under 12's cricket team coached by Tony Cosgrove are now certain of being in the semi-finals.

MARULAN SAFETY

The whole plant has now reached 160 days without a lost time injury.

The various Groups stand as follows up to the beginning of February.

No. 1 750	No. 5 516
No. 2 730	No. 6 127
No. 3 1606	No. 7 1239
No. 4 489	

Keep it up Marulan!

New starters at Marulan:-
Peter Torquay, J. McLaughlin, J. Nelson, S. Fordham, K. Bailey, M. Saville.

Grapevine — Berrima

The typing pool is happy to welcome Mrs. Yvonne Tribel of Bowral to its troubled waters. Yvonne is the mother of 4 children and the wife of Lt. Paul Tribel, presently on a tour of duty with HMAS Melbourne. She is originally from England having arrived in Australia over two years ago and plans to stay with us a fair while.

Owen Jacobson's wife had a baby boy February 13th, 9 lbs, 1 oz.!

Expect to name him Paul. Paul is very hungry, Mother is very tired, Dad is very proud, Big Sister Susan (3) not sure yet.

Accident Facts

"Driver failure" causes more accidents than traffic, road conditions, deliberate law violations or mechanical problems. A recent study reveals nine out of ten accidents occur at speeds below 40 mph. Even in fatal accidents, four out of five drivers involved were obeying legal speed limits.

Ninety per cent of driving decisions are based on sight. Available research also indicates that at least one driver in five, with or without glasses has vision defects which affect driving. Common sense tells us that good vision is an important factor in safety on our streets and highways.

With the aid of modern science, all but a few licensed motorists can have vision good enough for safe driving. The methods for improving driver vision are known, available and being applied, but not extensively enough. Consequently optometrists and other believe that driver vision is one of the elements of highway and traffic safety with the greatest undeveloped potential for improvement.

VARIABILITY IN VISIBILITY

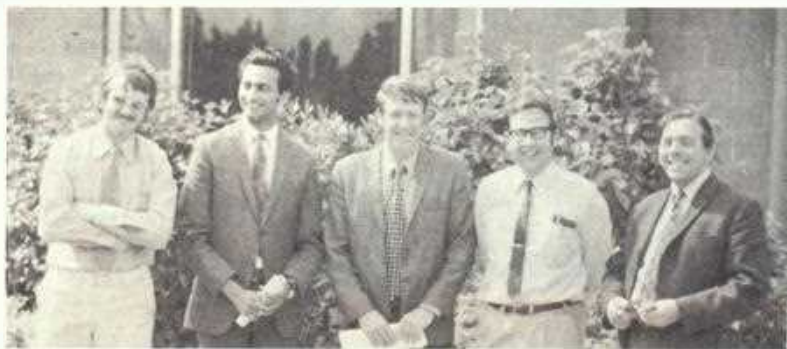
To be a safe driver, you must use your vision skills to develop safe driving habits, and you must compensate for vision defects. You must also remember it takes time to see, and then it takes time to act.

reaction time, it takes you a little over four tenths of a second to move your foot from the accelerator to the brake pedal after you accelerator to the brake pedal after you have seen a red light. This is one of the simplest reactions in driving. And if you are average, you can perceive an unexpected obstacle only one-half as far away as you can see an expected one.

When you apply your brakes at 70 mph, your car will go seven times the distance it takes to stop at 25 mph. That's why you need good visual acuity to read signs in time to stop. With 20-50 vision, you won't see the 5" letters on a stop sign until you are 90 feet away. At 60 mph, you would be 227 feet beyond the sign before you could stop.

On a dark highway, clear vision is limited to the effective length of your car's headlight beams, less than 300 feet. Night vision depreciates with age, so if you are over 40 you probably need to compensate by slowing down. Tests show that best glare resistance is found in 20 to 30-year-old drivers. Sunglasses should not be worn in night driving to resist glare because they reduce visibility.

Below: Frank Ritchie with some of his Tech. teachers whom he conducted over Berrima plant.



FISHY TALES

Recording trout catches is very important to the Fisheries Department and a continuous programme of scientific research in connection with the fish and Fisheries of the Snowy Mountains area. Because of this it is highly desirable that all anglers should assist the biologists in this important work, by carefully recording details of their catches.

"Record of Fishing Trip" cards (one for each day) are provided by the Fisheries Department, and may be obtained at Marinas, tackle dealers, caravan parks and other sources. Cards should be filled in accurately each day and may be returned post free to the Department. At the big lakes the boatsheds are official weighing-in stations, and the staffs are pleased to assist anglers in making the necessary returns. They also compile lists of anglers and their catches for inclusion in weekly fishing reports circularised by the visitors Information Centre, Cooma. At some resorts particular care may be taken regarding the accuracy of records, on account of current competitions intended to attract anglers to those centers.

Salt water fishing in our area was good but has deteriorated badly after the rain. Bill Brooks and Reg Woodhouse boated 50 Kg. of mixed. Included were Mowies to 5 Kg., Schnapper to 3½ Kg., Seabream to 1½ Kg., Flathead to 2 Kg. and one Kingfish at 7½ Kg.

Alec Donaldson had great fun feeding the sand crabs on Coomerong Beach.

Fred Natoli and party boating off Ulladulla observed quite a number of sharks, however they were able to bag some nice mowies and schnapper to 5 Kg.

ANOTHER TRAVELLERS TALE

On our journey to the South and South West of England, we called at Salisbury. As we browsed around the cathedral with the tallest spire in England, 404 ft. I noticed that an original of Magna Carta could be seen in the Cathedral library. We found ourselves on a very old winding stone stairway. Round and round and up and up we went, eventually reaching the library. A learned old gentleman was on hand to explain a little about the great Charter. We, along with other visitors, listened with interest.

We were taken back over 750 years to June 15th, 1215. There was King John staying at Windsor Castle, the Barons of England had gathered together just a short distance away at Staines in a meadow called Runnymede on the banks of the Thames. The Barons were determined to have a showdown. John's rule had been arbitrary and unjust.

The demands of the Barons were set down in a document known as the Articles of the Barons. These Articles, later drafted in the form of a royal charter, were the basis of Magna Charter.

On that memorable day William Longspee, Earl of Salisbury and Sheriff of Wiltshire, who was half brother of King John, was with the latter and the Magna Carta was sealed. William was trusted by both sides and stood guarantor for the King's good faith.

The peace that was hoped for did not fully materialise at that time. But the full significance of Magna Carta has developed with time. In 1770, William Pitt described it as forming, with the Petition of Rights, "The Bible of the English Constitution."

Since that time it has become the basis of the Constitutional Laws of the United States and the Commonwealth Countries.

In 1964 in the Presidential Address to the English Association, Lord Denning cited some of the clauses relating to the guarantee of freedom under the law and the impartial administration of justice, and reminded his audience that they are the "words which have echoed down through the ages".

The last clause of the great Charta reads:-

"Wherefore it is our will and command that the English church shall be free, and that men in our kingdom shall have and keep all these liberties, rights and concessions, freely and quietly, fully and wholly for themselves and their heirs, of us and our heirs forever".

In the days before Parliaments, the 'Promulgation' or making known to the public, was very important. Today the world would know in a few minutes, but in those days a number of 'originals' had to be hand written and sealed with the great Seal. Then they were sent throughout the realm to be formerly announced to the people. These 'originals' were written on vellum by the Clerks of the Royal Chancery.

There are four originals of the Magna Carta in existence, but only three of these are legible today. Two of them are in the Cathedrals to which they were sent in 1215-Salisbury and Lincoln. The other two are in the British Museum.

The Magna Carta we were privileged to see in Salisbury Cathedral measures 14 inches by 17 1/2 inches. The script is very fine penmanship and contains over 3,500 words.



Goulburn Tech. Teachers visited Berrima Plant. Bruce Myers, Bill Carder, Jack Butler, Bernie Condon, Tony Beale, Bernie Dargan, Earle Crawford and Jack Giri, Principal.

MANDY'S CORNER

Try this with Spaghetti.

- 1 lb Hamburger Mince
- 2 tins tomatoes (while the shortage is on I have been using tomato puree or soup.
- 2 med. onions.
- 4 lb mushrooms
- 4 lb Bacon
- 2 carrots
- 1 med. capsicum
- Cornflower
- Pepper
- Tomato Sauce

1. Fry the bacon and onion in 2 ozs butter.
2. Add chopped carrot, fry gently for 5 minutes.
3. Add meat and stir with fork till meat separates.
4. Add chopped capsicum and broken mushrooms.
5. After 5 minutes add tomatoes (soup or puree) and a good sprinkling of pepper.
6. Cook for 1 hour gently.
7. Mix cornflower with water then add to thicken.
8. Add 2 to 3 tablespoons tomato sauce.
9. Eat with Spaghetti.

Do you like Lollies??? Have you ever thought of making your own? Here's a good recipe that I used to make for my parties and put in dishes alongside chips and nuts and I can truthfully say I only managed to get 2 of them to eat for myself, which proves the recipe is good! and you don't need a jam thermometer or to slave over a hot stove. Here it is (only for those not on a diet mind you!).

COFFEE CREAMS

- 1 lb icing sugar.
 - 4 level teaspoons instant coffee powder.
 - 2 oz melted butter.
 - 2 tablespoons lukewarm milk.
 - Extra sifted icing sugar.
 - 1. Sift icing sugar into bowl with coffee.
 - 2. Combine melted butter with milk, gradually stir into icing sugar.
 - 3. Mix well. Turn out onto a board well dusted with icing sugar.
 - 4. Knead until smooth. Roll equal amount of mixture into 40 balls.
 - 5. Flatten slightly.
 - 6. Transfer to fluted paper sweet cases.
 - 7. Leave until firm.
- Makes approximately 40 Coffee Creams.

S.P.C. WELCOMES:-

Robert Jeffrey, New Assistant Engineer at the Colliery, served his apprenticeship at S.P.C. Berrima from 1959 to 1964. He went to B.H.P., Newcastle where he took a course in Marine Engineering. Later he served at Moxons before starting at the Colliery this year. He is a keen sportsman and plays cricket and Rugby League.

John Blake, a new trainee at the Colliery will be engaged as Surveyors Assistant. Last year John was in the Bowral Blacks Premiership winning Rugby Union Team. He is also a sport's car enthusiast.



o o

Don't forget to support our Recreation Club

TALENT QUEST

on March 3rd — 5.00 p.m. to 10.00 p.m.
Children's entries from 5.00 p.m. will finish at 7.00 p.m.

Adult entries from 7 to 10 p.m.
1st PRIZE FOR ADULT QUEST
VALUE \$50.00.

Contact Mandy at Berrima Works ext. 12 today. You have to be in it to win it — But come along anyway for the evening out.

o o

GARDENING NOTES FOR FEBRUARY

FLOWERS — SOW: Antirrhinum, Aquilegia, Calendula, Candytuft, Carnation, Canterbury Bells, Cineraria, Cornflower, Delphinium, Dianthus, Eschscholtzia, Foxglove, Gaillardia, Godetia, Gypsophila, Hollyhock, Lobelia, Lupin, Mignonette, Nemophila, Nigella, Pansy, Penstemon, Iceland Poppy, Salpiglossiss, Scabiosa, Schizanthus, Stock, Virginian Stock, Sweet Pea, Viola.

PLANT: Stock, Wallflower, Pansy, Viola, Iceland Poppy, Bellis perennis.

VEGETABLES — SOW: Beet, Broad Beans, French Beans, Carrots, Onion, Parsley, Parsnip, Peas, Silver Beet, Swede, Turnip, White Turnip, Lettuce, Radish, Cress.

PLANT: Cabbage, Cauliflower, Leek, Eschalot, Garlic, Rhubarb, Marjoram, Sage, Thyme.

During January we had almost continuous dull weather, with high humidity and a very few hot, sunny days, which "frizzled up" plants, flowers and even people, very rapidly. Caterpillars, snails, slugs and other insects, moulds and mildews as well as weeds have thrived, and it will need "a clean-up campaign" in the garden before winter to ensure that these troubles are not carried over into next spring.

Take a tour of your garden now!! Many of the shrubs, such as Rhododendrons, Deciduous Azaleas, Camellia japonica, and some of the Viburnums, have finished their summer growth and are already setting buds for Spring flowering.

Take the secateurs with you and trim back lightly any shrubs or trees which are encroaching on paths or which have too much growth for the space allotted to them.

Trim back Hydrangeas lightly where the flower-heads are no longer required. This will give earlier flowers next Summer. Cut the dead flowers of Roses and Dahlias to keep them blooming.

Spring-flowering bulbs, including Daffodils, Hyacinths, Jonquils, Lachenalias, Nerines, Watsonias, Anemones, Freesias, Ranunculus, should be planted this month.

Prepare the ground for sowing lawn grass in March, making sure that all weeds are removed, as they germinate.

Spray Fruit Trees with Rigor 40 at regular intervals to control Fruit Fly.

Bait for Snails and Slugs, remembering that this is the month when they lay eggs.



Wally Hay, working his vacation at Berrima.



Wayne Roderick, Technical Assistant to Bill Gale.

GARDENING NOTES FOR MARCH

FLOWERS — SOW: Antirrhinum, Aquilegia, Calendula, Canterbury Bells, Carnation, Cineraria, Delphinium, Gaillardia, Larkspur, Linaria, Nemophila Nigella, Iceland Poppy, Stock, Wallflower.

PLANT: Calendula, Carnation, Iceland Poppy, Primula, Polyanthus, Ranunculus, Stock, Wallflower.

VEGETABLES — SOW: Beetroot, Broad Beans, Carrot, Onion, Peas, Parsnip, Lettuce, Endive, Kohl Rabi, Spinach.

PLANT: Lettuce, Cabbage, Cauliflower, Eschalots, Garlic, Horse Radish, Rhubarb.

March brings us to Autumn and a possibility of frost about the middle of the month.

This means a busy time; the commencement of new planting of lawns and evergreen trees and shrubs, and the removal and replanting of any plants which require this treatment.

Spring-flowering bulbs can be planted, with the addition of Tulips and Liliums. Dig over and manure any beds which have had Summer annuals in them, before planting Winter and Spring-flowering ones.

See that Chrysanthemum plants are staked and disbudded where necessary and watch for aphids on the buds of these.

Lift Gladiolus corms six weeks after flowering and hang upside down, with growths attached, to dry. When dry, remove outer coverings and store in a dry place until Spring.

Camellia sasanqua shrubs should be flowering this month, and some of these continue blooming right into the Winter.

Keep these in mind for Autumn flowers.

Bait for snails and slugs, and watch for caterpillars on the Cypress hedges.

The "prisoner" on the right is a "wanted man" especially on Thursdays. He is very well known in the district, but just in case you live further afield, he is Dennis O'Keeffe, Paymaster at Berrima.

Can you write an appropriate caption for this picture? For the three best captions received, Dennis will pay \$1.00 each.



PUZZLE PAGE

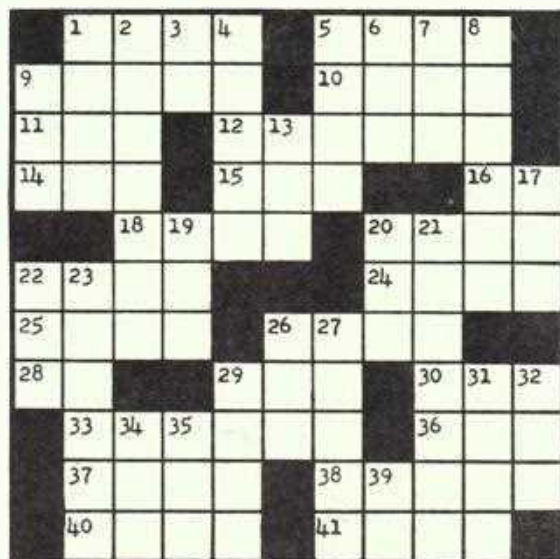
9

ACROSS

- 1 Unlock
- 5 Small U.S. coin
- 9 Curtail
- 10 District
- 11 Pinch
- 12 Rooms at large
- 14 Female deer
- 15 Contend
- 16 Therefore
- 18 Abound
- 20 Was in debt
- 22 Recent
- 24 Actor's part
- 25 City in U.S.S.R.
- 26 Sib
- 28 Otherwise
- 29 Look
- 30 Time of light
- 33 Cause anger

DOWN

- 36 Compass point
- 37 Legal document
- 38 Makes fast
- 40 Without (Fr.)
- 41 Simple
- 1 Hodgepodge
- 2 Narrow glass tube
- 3 Suffix: having
- 4 Daring
- 5 Walking stick
- 6 Unit of work
- 7 Born (Fr.)
- 8 Pendent ornament
- 9 Tip
- 13 Intend
- 17 Lyric poem
- 19 Snake-like fish
- 20 Mouths (L.)
- 21 Marvels
- 22 Card game
- 23 Missile weapons
- 26 New (comb. form)



- 27 Shelf
- 29 Square dance groups
- 31 Actor Griffith
- 32 Word of assent
- 34 Monk's title
- 35 Flipper
- 39 Cen. State (abbr.)

RESULT OF LAST MONTH'S CROSSWORD

- 1st Prize — \$5.00 — Miss S. Lafferty, Moss Vale.
- 2nd Prize — \$3.00 — Marcia Koschenow, Marulan.
- 3rd Prize — \$2.00 — Lona Lafferty, Moss Vale.
- 5 Prizes of \$1.00 to:-
Cathy Brooks, Moss Vale.
Mrs. H. Shepherd, Marulan.
Bill Brooks, Power House.
Grahame Dickson, Berrima.
L. Wilson, Colliery.

HAVE A GO AT THIS MONTH'S
CROSSWORD — YOU COULD BE A
WINNER

MORE COURSES COMPETED

ELECTRICAL FITTING:

G. Cope, D. Harrold, P. Meredith, R. Van Os.

MECHANICAL FITTING & TURNING:

F. Burke, G. Hinton, M. Baker, J. Plonski.

MECHANICAL ENGINEERING CERTIFICATE:

P. J. Knowles.
ELECTRICAL ENGINEERING
CERTIFICATE:

F. W. Ritchie, G. Turczynski.

CHEMISTRY CERTIFICATE:

Julian Baumann.

Congratulations to the above and also to:

W. L. Best who is attending the University of N.S.W. for a Distinction in Materials I and a Credit on Physics I.



SOUTHERN PORTLAND CEMENT LTD.

NEWSLETTER

Vol. 2. No. 10

MARCH, 1974



Sir John Reiss, Chairman of the Board of Directors APCM (U.K.). Sir John recently visited Southern Portland Cement, Berrima.



S.P.C. NEWSLETTER

Vol. 2. No. 10

MARCH, 1974

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Page 2	Berrima Laboratory and N.A.T.A.	Page 10-11	More Picnic Pictures
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Page 4	Family Safety Page	Page 12	Gardening Notes
Page 5	Dennis Harrold Barney Carroll Marulan Grapevine	Page 12-13	BHP Wages Employees' Retirement Fund Report and Statement
Page 6	Various Visitors to Berrima Plant	Back Cover	Puzzle Page Apprentice Stephen Schaefer
Page 7	Juniors Fishy Tales		
Page 8	Nature Notes		

REGULAR CONTRIBUTORS

BERRIMA . . .

R. Greaves — Fishing.
Mrs. C. C. Crowe — Gardening.
C. Sonter — Nature Notes.
J. Lewis — Bits and Pieces.

SYDNEY OFFICE . . .

Mrs. Lorraine Douglas.
Mrs. Dana Savovich

MARULAN . . .

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COLLIERY . . .

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—oOo—

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of issue.



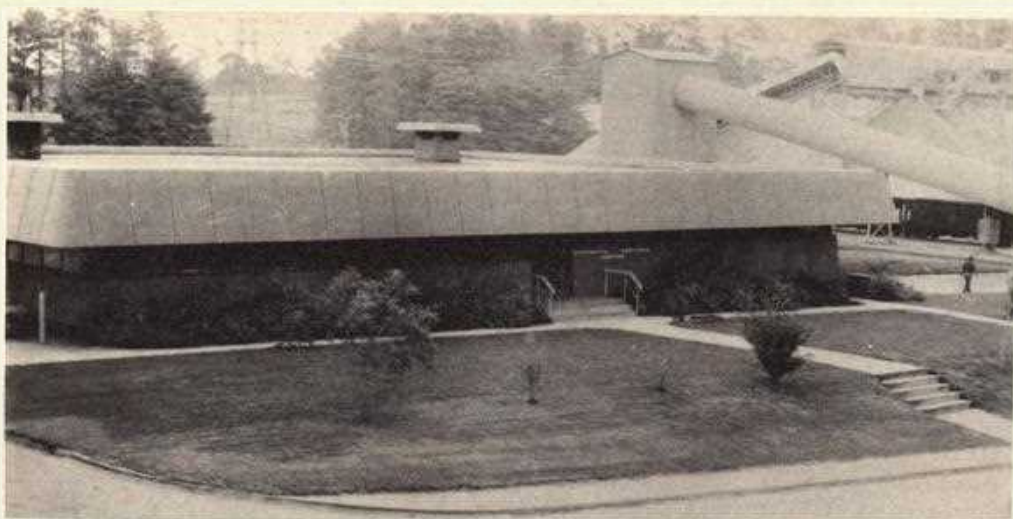
From left: Mr. Rex Williams, who will be Director - Line Operations in the new Company, Sir John Reiss, Chairman, APCM (U.K.), Mr. Eric Taylor, who will be Managing Director of the new Company (Blue Circle Southern Cement Ltd.) and Mr. T. K. Duncan, General Manager Engineering BHP who will also be on the Board of Directors in the new Company.

EDITORIAL

Whilst thinking about [REDACTED] came to mind, that is used when describing the miraculous change of form from the humble caterpillar to the beautiful butterfly or moth. That word is metamorphosis. The dictionary defines its meaning as "a change of form." In the case of the butterfly it would certainly seem to be a change for the better.

In the 18th Century and the early 19th Century in England, many changes were brought about by mechanical inventions. The Industrial Revolution, as it was called, caused great advances in methods of manufacture. It was a period of change. It was a hard time for many workers who had to adjust themselves to a new way of life, now as we look back, we can see that the changes just had to come, and that they started the trend, that has contributed to the high standard of living that we enjoy today.

In the case of SPC the move is forward always. We have joined with Blue Circle to form a larger Company. Instead of a comparatively small family circle, we have a much larger family circle. We are all part of a concern that will have far greater impact both in Australia and overseas. A growing progressive concern, and its good to know that whatever job we do, we "belong" and have our part to play.



N.A.T.A. (NATIONAL ASSOCIATION OF TESTING AUTHORITIES, AUSTRALIA)

by Russ Greaves, Quality Adviser

As the "Southern" Technical Services Centre is registered by the above authority, you would no doubt be interested to know all about NATA! NATA is the Australian organisation for approval of testing laboratories. It registers laboratories which meet its standard of performance.

NATA registration was held by 925 testing laboratories on 30th June, 1973. Registered laboratories are operated by testing authorities in all sections of the community — government departments, manufacturers, consultants, universities, and councils.

NATA is a non-profit organisation, devoted to improvement of the standard and status of testing. It is governed by a Council consisting of representatives of its members, the Commonwealth and State Governments, and major technical, industrial and professional associations and institutes. NATA has a registration Advisory Committee for each of its nine fields of testing, made up of expert scientists and engineers from industrial, government and teaching laboratories. These Committees supervise assessment of testing laboratories, so that every aspect of laboratory operation and management is kept under close surveillance. NATA registered laboratories are regu-

larly visited by specialist assessors, to ensure that the reliability of each laboratory is maintained at the highest level.

NATA stamped test certificates, when issued to customers, indicate that the tests have been carried out according to the recognised standard methods by qualified personnel.



NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA

This is to Certify that

SOUTHERN PORTLAND CEMENT LIMITED
BERBINA WORKS LABORATORY

has been accepted by the Council of the Association as a
Registered Laboratory

The laboratory has been registered for specific tests within the field of

Chemical Testing

THE COMMON SEAL OF NATIONAL
ASSOCIATION OF TESTING AUTHORITIES,
AUSTRALIA may afford terms by authority of
the Council of the Association in the presence of

H. F. MORRISMAN, Registrar

Date of Registration: 19th June 1967

Registration Number: 111





NATIONAL ASSOCIATION OF TESTING AUTHORITIES

AUSTRALIA

This is to Certify that

SOUTHERN PORTLAND CEMENT LIMITED
BERRIMA WORKS LABORATORY

has been accepted by the Council of the Association as a

Registered Laboratory

The laboratory has been registered for specific tests within the field of

Mechanical Testing

THE COMMON SEAL OF NATIONAL
ASSOCIATION OF TESTING AUTHORITIES
AUSTRALIA was affixed to this by authority of
the Council of the Association on the premises of



H. F. KENNEDY, Registrar

Date of Registration: 15th June 1965

Registered Number: 120

METRIC MOMENTS

A 60 page booklet, "Metric Information for Building Tradesmen" has now been released by the Metric Conversion Board.

The booklet is intended for the smaller builder and sub-contractor, the building supervisor, the foreman and skilled tradesman.

The booklet is not as comprehensive as "Metric Conversion in Building and Construction," a previous publication which was produced for use by building designers and executive staff of larger building organisations.

Users of butt hinges in the building trades now have a choice of 153 variations of imperial sizes manufactured in Australia alone. When the proposed metric program is completed, these will have been reduced to 11 basic variations.

The Metric Conversion Board is now distributing "Metric Farming," a 40 page booklet aimed at smoothing the way to the use of metric weights and measures in primary industry.

The marketing of many primary industry products such as wool, wheat, rice, sugar, and bananas is already metric. By the end of 1974 almost all the remaining sectors will have been converted.

The Minister for Science, Mr. W. L. Morrison, said when announcing the release of the booklet, "Once farmers had experienced working in metric units, they found them easier to use than imperial units."

The booklet will enable farmers to operate and converse entirely in metric units rather than in bushels, hundredweights and gallons. It explains the change from acres to hectares, ton to tonnes, gallons to litres in addition to specialised agricultural units such as crop yield, grain density, planting and fertilising rates and crop and orchard spraying.

People will not "learn" the metric system, in the accepted sense of the word. Instead they will gradually become familiar with the units that they will use. For many this will simply be length, volume and mass (weight).

From the 4th March this year dress materials, curtain materials furnishing fabrics, suit lengths and so on will be sold by the metre and tenth of a metre (10 centimeters).

The Metric Conversion Board is distributing 35,000 copies of a brochure, "Engineering Workshops," which is aimed at those managing small engineering works.

The brochures are being distributed through the BHP mailing list and metal merchants. They will also be made available to participants in a series of seminars being conducted by BHP.

FAMILY SAFETY PAGE

I think it was yesterday, over the radio, another young child drowned in a home swimming pool. I remember thinking of the distress of the parents, and this is not an isolated instance.

There should be no access to the pool from the street. The majority of drownings have occurred in someone else's pool. So when you put a swimming pool, or a pool of any kind in your garden, it means you must have a good, unclimbable fence, and a gate that can be locked!

We should remember too, that swimming aids are only buoyancy devices; they are NOT life jackets! It must never be assumed that a buoyancy device of any kind will save a child's life. Supervision of young children is essential. Many parents do not realise that a toddler can drown in two inches of water.

Here are a few safety measures we can take:

- * Teach children to swim as soon as possible.
- * Learn mouth-to-mouth resuscitation.
- * Empty small wading pools when children have finished playing with them.
- * Ladders providing access to above-ground pools must never be left in place when the pool is not in use.
- * Keep the pool clean and hygienic.
- * Store cleaning preparations well out of reach of children; they are poisonous.
- * Make sure that neighbours' children have permission from their parents and that no one swims in your pool without your permission or when you are not at home.
- * Do not allow "ducking" or any other rough games in your pool.

And, if you can swim:

- * Never swim alone.
- * Wait at least an hour after eating a light meal and two hours after a heavy meal.
- * Do not swim when you are overheated.

Note: We are indebted to "Australian Family Safety" for much of the information on this page.

SAFETY IN VERSE

by Stephen Chadwick, Maldon Works

PROVERBIALY

A chain is as strong as its weakest link,
These words I have heard spoken,
The chain of safety is the same,
One error and its broken.

Look before you leap, its true.
Not many people care.
But I remember that fools tread,
where angels never dare.

The proverbs all mean something.
It pays if you take note.
No man can walk upon the sea,
Because a cork can float.

"THERE'S ALWAYS COMPO"

Accidently I believe,
My dearest friend did die,
Whilst playing with his brother's gun,
It shot him in the eye.
His brother, being ignorant,
Did not know his first aid.
Had he done the proper thing,
A life may have been saved.
The same applies in industry,
Or any other time.
If you are acting foolishly,
A life is on the line.
I know of an example,
A regular occurrence,
Whilst walking down a crowded aisle,
A man did lose his balance.
He slipped and fell upon a crate,
With nails sticking out.
I was a good half-mile away,
But, boy, I heard him shout.
That man is now so injured,
He can't come in the gate,
Because no-body cleaned the aisle,
Or threw away that crate.
They say "there's always compo,"
An easy thing to say,
But I would rather go to work,
Than lie at home all day.
If everybody did things right,
Thats not so hard to do,
Then I would never lose my head,
And, neither friend, would you.



Above: Dennis Harrold with a control panel he has made, using solid state logic modules for the first time at SPC. These replace electro-mechanical relays presently used at Berrima.

Below: Barney Carroll, Welfare and Safety Officer at Maldon Works.



MARULAN GRAPEVINE

WELCOME to Marulan Quarry, Tony Traynor. Tony, well known at Berrima is a fourth year Mechanical Apprentice. He has been transferred to the Quarry and will be living in Marulan South with his wife and two children. We wish you every success Tony.

A few thirsty drinkers put in an appearance at the Marulan South Bowling Club on March 2nd after long hours of stocktaking. Apparently the Berrima boys are not used to the heat and dust of Marulan Quarry! !

Saturday night socials are becoming more popular than ever. Office staff can even come to work on Monday with chocolates now.

Freddie Charles is still on the sick list. We trust he will soon be well again.

Second Division Group 8 football has now been reformed and Marulan has both a Junior and Senior team in training. All games will be played at South Marulan.

By the time this is published we hope that Tony Cosgrove's under 12's team will be Cricket Premiers for 1974.

Marulan South Ladies Auxiliary Club held a dinner at the Philip Court Motel Goulburn, on 5th March. It was a huge success.

At the time of writing, Mick Charvet, Dick Bryant, Alan Smith and Alan Johnson were on annual leave.

Two new starters this month, Ron Swan and Jack King, both of Goulburn.

MARULAN SAFETY

The whole plant reached 188 days without a lost time accident on 6th March.

The groups stood as follows:-

Group No. 1	781 days
Group No. 2	757 days
Group No. 3	1628 days
Group No. 4	518 days
Group No. 5	543 days
Group No. 6	553 days
Group No. 7	1270 days

Right: Mr. Brian Anwell,
Technical Co-ordinator for
Overseas Investment Depart-
ment of APCM U.K.
and Mr. Peter Turner, a
senior Chemical Engineer,
Technical Services APCM
U.K. Both recently visited
Berrima.



Rig
me
rec

JUNIORS

On our recent trip we visited a place in the New Forest in England called Bucklers Hard. It is rather a strange name, and so far I haven't been able to find out just why it was given that name.

It seems such a small out of the way place today, but it has a remarkable history and is famous for its wooden sailing ships. It was here that many of the ships of Nelson's fleet were built. They included Agamemnon which Nelson always regarded as his favourite. It was launched at Bucklers Hard in 1781, and was a 64 gun ship. For about three years Nelson served in her on the Mediterranean. Later this ship took part in the battle of Trafalger in 1805 though of course Nelson was on the Victory at that time. As you know Nelson lost his life in the Battle of Trafalger.

Whilst on the subject I recall our visit to Madam Tussauds Wax Works in London. There, we saw a very realistic tableau of the inside of Nelson's Flagship, the Victory. The gun deck, true to every detail of the ships of those days, was dimly lit. The men were in realistic postures firing the guns — The boom and clatter of the bombardment came through loudspeakers and smoke was everywhere, frequent vivid flashes completed the scene. You felt that you were actually there. Down on the lower deck was the life-like figure of the dying Nelson — surrounded by a few faithful retainers. Altogether it was one of the most impressive presentations we had seen.

Lets go back to the Bucklers Hard for a few minutes. It stands on the Beaulieu River which always had sufficient depth of water for the launch and passage of ships. Ships were built and launched there until 1847. The change over to iron, and the increasing size of ships put the historic little town out of business.

During the Second World War, Bucklers Hard sprang to life again, with the assembly of landing barges. Most of the privately owned boats were removed, or had chains put round their propellers so that if German invaders did arrive, they could not be used.

A little lower down the river some 19th century oyster beds were taken over by the army for the construction of a concrete and steel caisson, which was to be towed across the English Channel on D-Day plus 1 to

form part of the inner breakwater of the Mulberry harbours. These harbours played an important part in the Allied landings in Normandy.

From 1953 the Beaulieu River was the place where Sir Francis Chichester moored his boats. Sir Francis Chichester began and ended his World voyage in Gipsy Moth IV at Bucklers Hard.

Today the old town is a Tourist attraction. There is a Maritime Museum, and if you have imagination you can re-live the exciting days of it's history.

FISHY TALES

Chris Knowlson has just presented me with the backs of an English cereal packet! One proceeds to cut out two discs. When pinned together this makes a dial-a-fish kit. Just turn it round to the fish you want and it indicates the bait to be used and tackle, where to fish and the record catch! It didn't say when the fish would be there!! The names on the disc are a bit foreign to me. Those mentioned are, bass, pouting, tope, plaice, pollack, skate and dab!

Anyhow Nik Anikin and family didn't dial-a-fish to bag some large catfish to 2 kg below the Works weir. Also some sizeable carp which he assured me ate very well. I suppose they would if one had nothing else!

Jack Brown has been too busy to fish since he retired, but Bob Friend is busy polishing up his boat!

We look forward to hearing of good bags by Col Ready on his return from Mitchell's Beach in Victoria. The last time I fished down that way she was a blue duck! Went into an area for an anticipated 2 days and the rain just fell down. After 24 hours the road out was flooded and we ended up staying there 5 days! We only had a small tent and were fortunate to be able to burn some wet wood in one of the shelter sheds

Incidentally I notice some fresh water English fish on the above card; barbel, chub, roach, rudd and tench.

Well, I suppose they would all be OK, if we could bag them!

NATURE NOTES

by Chris Sonter

Recently I had the opportunity of joining in an excursion to the "Hawkesbury Swamps" with the members of the N.S.W. Field Ornithologists Club. These swamps are great gathering places for both birds and birdwatchers alike. I had heard much about the water fowl on the swamps and so decided to find out for myself whether or not it was just fact or fiction that such a variety of birds existed on them.

Firstly, I must have mis-judged the word swamp. I imagined huge areas of water, reeds, water-lilies and dead trees with a myriad of birds inhabiting this "magic-land." Instead, I found the swamps to be merely, as in the first place visited, an overflow from the McGraths Hill sewerage treatment works, followed by a semi man-made structure known as Baker's Lagoon with open water at one end and a low sedge-like growth of weed and reeds at the opposite end, Bush's Lagoon — an elongated and deep water hole with very little water vegetation, Bushell's Lagoon, — which was by far the biggest with just about everything that makes a swamp a haven for waterfowl, Pitt Town Common and the last place visited — Longneck Lagoon.

Longneck Lagoon which incidentally, is now owned by the N.S.W. Gould League, was perhaps the most interesting with a few of the more 'unusual' birds being found there such as; the Australian Darter, Japanese Snipe, Greenshank and White-eyed duck. Many other species of birds were also present both around and on the water, but the Greenshank and the Japanese Snipe were new species for me.

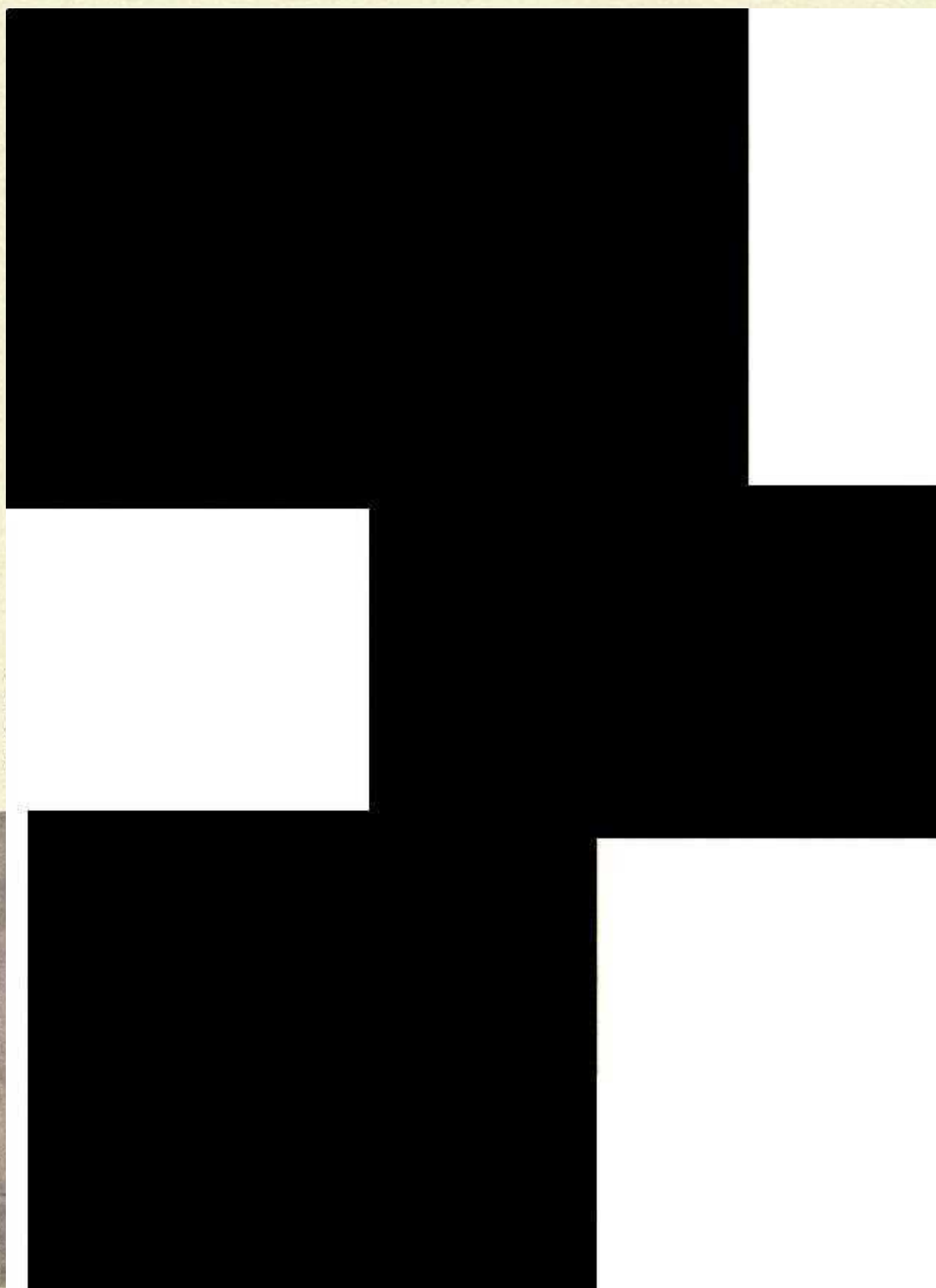
Getting back to the nature of the other swamps. These swamps are typical of all the swamps found on the coast below the ranges and they differ mainly from the swamps of the ranges by the type of vegetation. Coastal swamps have a much more luxuriant look about them as most of the plants are of species that grow in warmer waters and milder atmospheric conditions. Plants such as water-lilies and the introduced water hyacinth find these conditions ideal and the

swamps have an overall appearance of a lush-green growth.

It is little wonder that a huge variety of birds can be found there and this is especially brought to light when the waters of the inland dry up and the birds seek fresh feeding and breeding grounds along the coast. However, on my visit I was not to see the vast number of water birds that usually congregate on the Hawkesbury Swamp as there appeared to be an abundant supply of water throughout the distribution range of the species, instead, only a meagre handful of birds were present.

One specific species of bird could be blamed for alluring me to visit the swamps — the Australian Jacana. This bird may be better known to you as the Lotus-bird, Jacana, Lilly-Trotter, Christ-bird, Combcrest, Parr, and Skipper. It is a small bird about the size of a bantam, very prettily marked and it gives the appearance of being able to walk on water. This is because the bird has extraordinarily long toes or feet (the largest size feet for size of bird in the world) which enable it to walk over the water by means of using the vegetation, particularly that of water-lillies, as stepping blocks. A once common inhabitant around Sydney it seems to have gone from the area and is seen only on odd occasions on swamps around Coffs Harbour and Grafton and the further north one goes the commoner the bird becomes. It is very difficult to understand just how these birds do move from one locality to another since their powers of flight are very much restricted with such long awkward legs. When the bird does fly the wings beat rapidly and the legs flail uselessly from the abdomen and landing is an ungainly procedure the bird merely flopping to the vegetation or surface of the water. They can swim well and if suddenly aroused will completely submerge below the water.

A total of sixty two species of birds were listed by me for the day and of these at least twelve species were either feeding young or in the process of sitting on eggs.





THE LAST OF THE PICNIC
PICTURES



BERRIMA GRAPEVINE

Two new starters in the General Office are Michelle Stephen and Dianne Buckland. Michelle comes from Bowral and came to us straight from Tech. She is the Mail and Filing Clerk in the Accounts Dept. and also relieves on the Switchboard. She is a very keen horse rider and has her own horse called ROBBIE.

Dianne is from Sutton Forest and is an Accounting Machine Operator. She is also a very keen horse rider and has ample opportunity to do this on her father's property. Dianne previously worked at the Berrima District Post and was this year's Rotaract entrant in the Bush Week Competition.

Mrs. Yolanda Dodds of Timekeeping has terminated her employment. She has had enough of the working life, and is going to take up duties as a full time house-wife.

Welcome to Mrs. Valerie Erasmus who has recently joined SPC as a part time stenographer for the Personnel Department.

A DREAM FULFILLED

I first visited Stratford-On-Avon, the birthplace of William Shakespeare about 30 years ago. I remember at that time the new Shakespeare Memorial Theatre had not long been opened and we were unable to get a seat in the theatre because of the heavy bookings.

Last year, whilst visiting Stratford again, although the theatre was heavily booked, we were told that if we queued we would stand a chance because of cancellations. After a long wait this happened. The play was "The Taming Of The Shrew."

The stage protruded right out into the audience and with the effects and lighting the whole presentation was very realistic.

I had never read very much of Shakespeare — except for assignments for English, and I had only previously seen one of his plays, but after reading a number of quotations taken from his writings, I am beginning to realise the abundance of homely wisdom they contain. Here are three quotes from "Taming Of The Shrew"

"If the boy have not a woman's gift,
to rain a shower of commanded tears,
An onion will do well for such a shift."

"What, is the jay more precious than a lark,
Because his feathers are more beautiful?"

Frame your mind to mirth and merriment,
Which bars a thousand harms, and lengthens
life.



Salisbury Cathedral, England—mentioned in our last issue.

GARDENING NOTES FOR APRIL

- FLOWERS:** SOW: Antirrhinum, Aquilegia, Eschscholtzia, Candytuft, Larkspur, Linaria, Lupin, Nemophila, Pansy, Sweet Pea.
 PLANT: Aquilegia, Bellis perennis, (English Daisy), Polyanthus, Primula, Ranunculus, Stock, Verbena, also Spring-flowering bulbs.
- VEGETABLES:** SOW: Broad Beans, Carrot, Onion, Parsnip, Parsley, White Turnip, Lettuce, Radish, Endive.
 PLANT: Celery, Herbs, Eschalot, Garlic, Horse Radish, Lettuce, Rhubarb.

The planting of evergreen shrubs and trees can be commenced this month and any replacements can be now carried out.

Very hot weather during early March has brought an extra hatching of caterpillars on the Cypress hedges and aphids on Camellias and other ornamentals. See that you get rid of these as quickly as possible as they do lasting damage to plants.

Prepare the soil now for planting Black and Red Currants, Gooseberries, Raspberries, Strawberries, etc. during the Winter months.

Fine lawn grass seed should be sown this month, so that it germinates and commences to grow while the soil is still warm. Keep the weeds in both flower and vegetable garden under control now, to prevent them seeding and so regrowing next Spring. Lilium bulbs can be planted now. Choose a cool, well-drained sheltered spot and surround the bulbs with a good pocket of gritty sand, planting about 6" to 8" deep.

If you have not already done so, give established beds of Daffodils a light dressing of bone-meal this month. This will help the growing bulbs and also build up better bulbs for the next flowering period.

B.H.P. WAGES EMPLOYEES' RETIREMENT FUND 8th ANNUAL REPORT

TRUSTEES' REPORT:

Concerning operations of the Fund for the year ended 31st October, 1973, the Trustees' Report as follows:

Membership

During the year to 31st October, 1973, membership increased by 359 to 16,777; being 70% of employees eligible to join the Fund.

Membership at 31st October, 1972	16,418
New members admitted during the year	2,359
	18,777

Less

Retirements—Normal	175
Early	21
Incapacity	101
Ill Health	19
Deaths	71
Transfers to Staff	323
Resignations	1170
Other	120

2,000

Membership at 31st Oct., 1973 16,777

Retirement, Incapacity, Ill Health and Death Benefits

Since the inception of the Fund on 1st November, 1965, Normal and Early Retirement Benefits amounting to \$1,447,737 and Incapacity, Ill Health and Death Benefits totalling \$2,700,576 have been paid.

B.H.P. WAGES EMPLOYEES' RETIREMENT FUND

FINANCIAL STATEMENT

Continuing members Aggregate Balances brought forward from previous year		\$17,214,336
<i>Add</i>		
<i>Contributions Received</i>		
Members Contributions	\$1,216,770	
Companies Subsidies	1,825,155	
Transfers from other funds —		
Rule 46 (a)	2,201	
Companies Subsidies	3,302	
	<hr/> 3,047,428	
Income from Investments	1,335,782	
Additional sum required to meet minimum death and incapacity benefits	<hr/> 190,174	
		<hr/> 4,573,384
		<hr/> 21,787,720
<i>Less</i>		
<i>Benefits and Claims</i>		
Retirements — Normal & Early	431,232	
Voluntary	190,065	
Incapacity and Ill Health	299,819	
Deaths	217,752	
Transfers to Staff Superannuation	335,900	
Other	65,919	
	<hr/> 1,539,787	
<i>Forfeited Benefits</i>		
(Companies subsidy not paid)	368,555	
		1,908,342
Continuing Members' Aggregate Balances carried forward		<hr/> 19,879,378

A full Report can be obtained on request to Mr. Reg Larsen, Electrical Shop or Mr. Bert Garbutt, Power House.

Left: A picture of a diagram at Warragamba Dam taken by Jim Galloway, Apprentice Foreman on the recent Apprentice Prize-winners trip.

ACROSS

- 1 Elapsed
 7 Not Together
 12 Dress
 13 Bet
 14 Heavenly body
 15 Journeyed
 18 Harbor boat
 19 Stopping device
 20 Anthropoid
 21 United
 22 Passageway
 23 Thrust
 24 Esteem
 26 Fragrance
 27 Tunneling insect
 28 Aromatic beverage
 29 Pay out
 32 Make believe
 36 Underground room
 37 Noisy
 38 And not

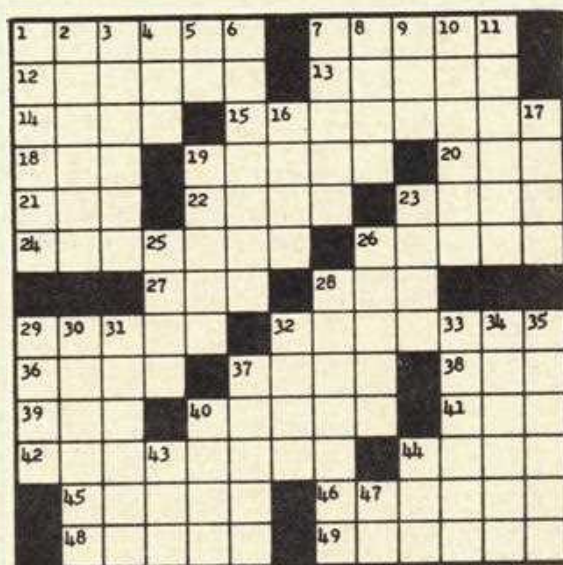
- 39 Sudsy brew
 40 Simpleton
 41 Cravat
 42 Redeemed
 44 Leaning Tower of —
 45 Stop
 46 Cast a knowing look
 48 Borders
 49 Exit

DOWN

- 1 Clergyman
 2 Bring into harmony
 3 Produces
 4 Title of respect
 5 Comparative suffix
 6 Divert
 7 Not sleeping
 8 Cover with concrete
 9 Ripen
 10 Tell
 11 Boring tool
 16 Scold
 17 Obligation
 19 Mix
 23 Go away, cat!
 25 Window glass
 26 Shabby

- 28 Spin
 29 Cicatrix
 30 King's home
 31 Leveled
 32 Corn bread
 33 Total
 34 Loud sounds

- 35 Fears
 37 Citrus fruits
 40 Facial feature
 43 Droop
 44 For each
 47 For example
 (L. abbr.)



RESULT OF CROSSWORD No. 9

- 1st Prize: \$5, Mrs. A. Johnston, Marulan.
 2nd Prize: \$3, Mr. I. Dickson, General Office, Berrima.
 3rd Prize: \$2, Mrs. A. J. Shepherd, Marulan.
 4th Prize: \$1, Mrs. H. Shepherd, Marulan.
 5th Prize: \$1, Mrs. H. Staubner, General Office, Berrima.
 6th Prize: \$1, Mrs. A. Murphy, Goulburn.



Stephen Schaefer, new apprentice at Marulan.

SP

1974

APRIL ?



BLUE CIRCLE
SOUTHERN

MANAGING DIRECTOR'S INTRODUCTION

The Cement Industry has grown tremendously since its humble beginning in 1882. The merger of Southern Portland and APCM(A) and the formation of Blue Circle Southern brings together not only the assets of the two companies, but also the talents and expertise of those employed in the two companies. Of equal significance is that it brings together as the major shareholders in our company, a partnership of the largest cement manufacturer in the world and the largest company in Australia.

Today, 2nd April 1974, the merger has been consummated, and the new Board of Blue Circle Southern Cement Ltd. meets for the first time. It is a merger in every sense of the word and equal opportunity is being given to all 1,700 employees to take advantage of the wider scope offered by a larger group for development of skills, expertise and advancement. Already several people have been given the chance of moving to other plants to broaden their experience.

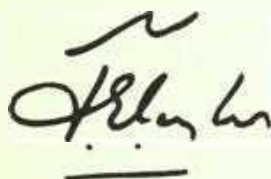
The pooled resources now available give the opportunity for tremendous savings in rationalisation of production and distribution, and steps have already been taken in this direction.

The articles and photographs which follow, are designed to give a better understanding and appreciation to us all of the group we are joining.

The Board of Directors will be:-

Mr. A.W. Ogilvy (Chairman), Sir Henry Bland (Deputy Chairman), Mr. F.E. Taylor (Managing Director), Mr. D.S. Adam, Mr. T.K. Duncan, Mr. R.R. Law-Smith, Mr. J.E. Layt, Mr. G.S. Le Couteur, Mr. J.D. Milne, Sir John Reiss, Mr. N.S. Stevens.

I wish all who serve Blue Circle Southern greater opportunity and job satisfaction, and I am certain that, although the tasks that lie ahead of us are considerable, by working as a team we will even surprise ourselves by our achievements.



F.E. TAYLOR,
2nd April 1974



Mr. J.E. (Jim) Layt — Director — Finance and Administration. Mr. Layt joined APCM(A) in 1965 and prior to his present position was General Manager for APCM(A)'s activities in N.S.W.

Mr. Layt will be responsible for the functions associated with finance, accounting, management information systems, computer applications, general administration and corporate planning for the Group.

Reporting to Mr. Layt will be Mr. Mark Pirola, Manager — Corporate Planning; Mr. Bill Hodgins, Chief Accountant; Mr. Doug Green, Manager — Financial Services and Mr. Howard Robertson, General Manager Investments who is due to retire in mid 1974. The Finance & Administration Department will have a responsibility to provide accounting services to the various Cement Manufacturing Plants.



Mr. A.M.M. (Michael) Spurr — Director — Technical Services. Mr. Spurr joined APCM(UK) in 1955 and transferred to APCM(A) in 1970 and is responsible for the Group's Technical Agreement with APCM(UK). His experience in the cement industry is international.

Mr. Spurr will be responsible for providing technical services to the Operations Plants in N.S.W. and Victoria and also to associated Companies such as Swan Portland and Kooragang. The Technical Services Department will also be responsible for examining technically various new facilities and potential investments. The Department has a particular responsibility for matters concerning the environment. Reporting to Mr. Spurr will be Mr. Bill Purvis, General Manager Technology; Mr. Lloyd Veal, Manager Raw Materials Facilities Planning; Mr. Jack Schott, Manager Quality Liaison; Mr. Cliff White, Manager Research and Assurance Control; Mr. Harry Woolven, Group Executive Engineer; and Mr. Eric Sweet, Coordinator Technical Services.



Mr. D.R. (Rex) Williams — Director Line Operations.

Mr. Williams joined B.H.P. in 1962 and transferred to S.P.C. in 1972. He was General Manager of S.P.C. for 11 months. Mr. Williams will be responsible for the production, marketing and distribution operations associated with the N.S.W. and Victorian areas.

Reporting to Mr. Williams will be Mr. Bob McMahon, General Manager, N.S.W.; Mr. Jim Conroy, General Manager, Victoria; Mr. David Whitfield, Operations Coordinator; Mr. Michael Mulhall, Group Industrial Officer; Mr. Bill Rungie, Group Personnel Officer.

Managers of the N.S.W. Plants will report to Mr. McMahon through as appropriate Mr. Peter Tetley, Manager N.S.W. Works and Mr. Eric Mathlin Marketing Manager.



THE MERGER

In early 1974 an agreement was reached between BHP and The Associated Portland Cement Manufacturers (UK) to merge their Australian Cement interests of Southern Portland Cement and APCM(A) in a new Company to be called Blue Circle Southern Cement Limited. This was done to establish a company which could enlarge its production and technical base to meet the growing demand for cement in Australia.

For some time it had been apparent that the relatively small cement making operations which we have in Australia have kept us from taking full advantage of the technical developments that are taking place. As the Eastern States in particular have been approaching the situation where new production capacity is needed, (and this new capacity must be the very best which money can buy), the pooling of the individual resources of SPC and APCM(A) was a sensible idea.

The way the merger has been brought about financially is:

BHP first acquired the SPC shares held by Howard Smith and then BHP swapped its SPC shares for shares in APCM(A); then, because APCM(UK) and BHP are to have an equal share in the new Company, BHP bought enough extra shares in APCM(A) to bring its holding up to APCM(UK)'s level. The result is that APCM(UK) and BHP will each have about 42.5% of the issued shares of the new Company, the remaining shares being held by the public.

Previously APCM(A) was owned 73.75% by the UK parent company, but now, Blue Circle Southern will be about 57% Australian owned. Blue Circle Southern Cement will be a public listed company on the Australian Stock Exchanges.

In the new Company the individual companies that have existed before will retain their separate identity but will be fully controlled by Blue Circle Southern Cement Limited. These companies will be:—

Commonwealth Portland Cement

— Portland Cement Works and Quarry, and Ivanhoe Colliery.

Metropolitan Portland Cement

— Maldon Cement Works, Marulan Quarry and Loch Catherine Colliery.

Standard Portland Cement

— Charbon Cement Works, Brogans Creek Quarry and Kandos Coomber Colliery.

Southern Portland Cement

— Berrima Cement Works, Marulan Quarry and West Berrima Colliery.

Victoria Portland Cement

— Waurin Ponds Cement Works and Quarry.

The Company will also have a major shareholding in Swan Portland Cement Limited, which has a cement works in Perth. The Kooragang clinker grinding plant at Newcastle is owned 50% by the Company.

These associated companies will continue to produce cement under their own names. Cement depots and bag stores will continue to operate in all major centres.

The merger is legally operative formally from Tuesday, 2nd April.

THE COMMONWEALTH PORTLAND CEMENT CO. LIMITED.

PORTLAND WORKS

The first cement ever produced in N.S.W. was manufactured on the site where the Portland Works now stands. Indeed, it was in this same district that sixty years earlier Peter MacPherson, the first settler, burnt limestone to use in the building of his home. The place became known as Limestone Flat. Forty years later Thomas Murray discovered good quality limestone and he built a lime kiln and sold the burnt lime in the surrounding district. After fourteen years the business was sold to a group of builders who formed the Cullen Bullen Company.

Their lime producing business grew and four new kilns were built. In 1889 the Company also decided to launch into the manufacture of cement, which was called Kangaroo Brand. The clinker was produced in shaft kilns, and reached a capacity of 30 tons per week. This was the first cement ever produced in N.S.W. Cement had previously been manufactured at Brighton in South Australia in 1882, but N.S.W. was not very far behind.

In 1895 the works at Portland closed, chiefly owing to the fact that the quality of cement produced did not comply with Government specifications. After several attempts at restarting the Commonwealth Portland Cement Company Limited was formed in 1901 and commenced producing cement only in 1902 using the dry process. The cement was marketed under the name of "Union" brand. The cement was of high quality and very soon it became impossible to meet all the orders. Rapid expansion began and by 1910 the two original kilns had been joined by four more. In 1917 another kiln was added and in 1923, yet another of the same size.

In 1949 Associated Portland Cement Manufacturers Ltd., (U.K.), acquired a controlling interest in the Company. By this time much of the plant was old and immediate steps were taken to modernise it. A much larger kiln, known as No.1 was added. It is 350 ft. long with a diameter of 11'-6" at the burning zone, reducing to 10' for the remainder of its length. This kiln produces approximately 130,000 tonnes per annum.

Today the plant operates 3 kilns with a total capacity of 230,000 tonnes per year which is ground through the plant's three cement mills. The plant also operates four raw mills for the production of slurry for the wet process. It produces five types of cement including off-white cement.

The limestone quarry is situated adjacent to the works and stone is won using an open face method. The fully mechanised Ivanhoe Colliery, situated four miles away supplies all coal necessary for the kilns and powerhouse.

Portland now employs 270 persons.

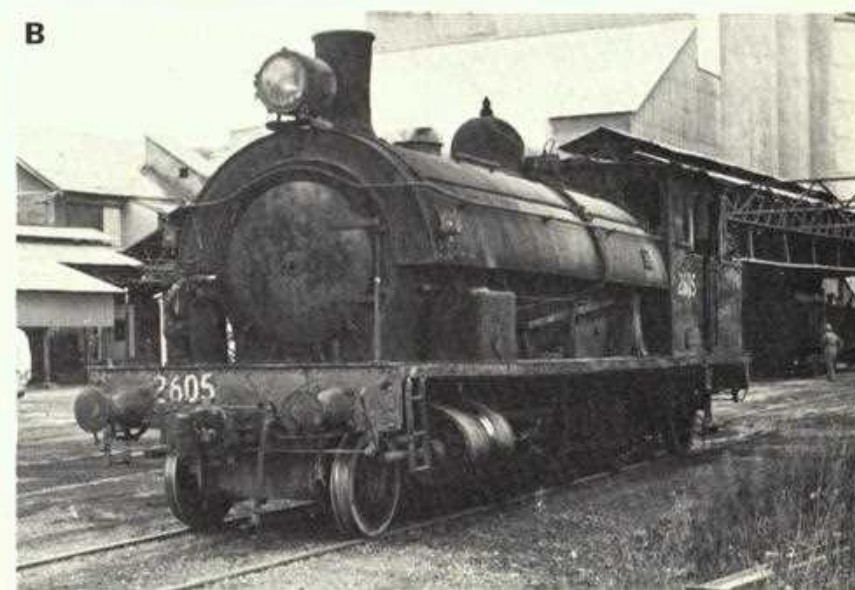
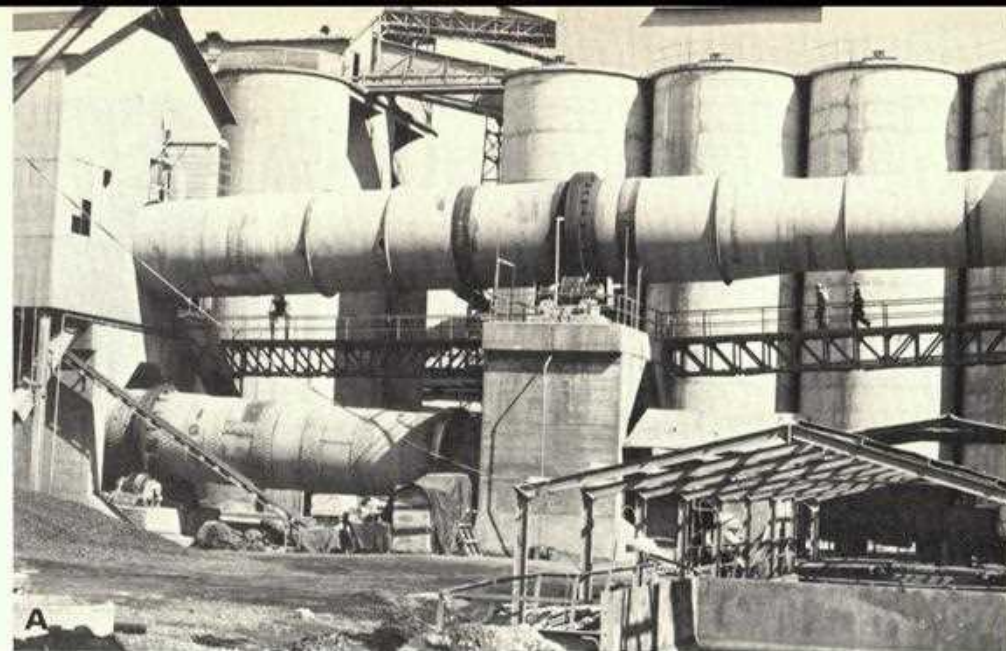
As in all other plants in the group, everything possible is being done to prevent accidents.



MR. K. HULONCE

Mr. K. Hulonce has served as a Manager in the Blue Circle Group of companies for 27 years. He worked in several plants in the U.K. and Africa. He has been in Australia for the last six years, being Manager at the Maldon Works for three years prior to being transferred to Portland as Manager in 1972.





PORTLAND

A. No. 1 Kiln and Cooler.
B. 1916 Steam loco still in use.
C. Ivanhoe Colliery Manager, Ralph Tait.
D. Entrance to Ivanhoe Colliery.
E. Joseph Morgan B.E.M., Quarry Manager
F. No. 2 Kiln.

PORTLAND

G. Back row left to right: —
John Leet, Electrical Engineer
Roy Peters, Shift Foreman
John Burnell, Assistant Works
Manager
Terry McCarthy, Works Engineer
Ernie Jefree, Shift Foreman
Les Stait, General Foreman
Ken Hulonce, Works Manager.



STANDARD PORTLAND CEMENT COMPANY, LIMITED.

CHARBON WORKS

Charbon Cement Works is situated three miles south of Kandos, and was established as Standard Portland Cement, Limited, in 1926. It is a dry process plant, and at the time of commencing production consisted of two raw mills, two kilns, and two cement mills. Production ceased during the war, and resumed in 1949. The original company was taken over by Concrete Industries in 1960 and was sold to APCM(A) in 1964 as a fully owned subsidiary.

On approaching Charbon for the first time, it appears to be huddled on the hillside, in a comparatively small area. The country around is still rugged, and has most probably seen very little change over the years.

The original quarry was operated until 1942 when the plant closed during the war years. A new quarry was opened in 1949 at Brogan's Creek, some seven and a half miles from the Cement Works, when cement production was resumed:

Limestone is loaded at the face by using $4\frac{1}{2}$ cubic yard Traxcavators. The 14 ton side tipping dump trucks then carry the stone to the crusher. The quarry produces approximately 1600 tonnes per day, with expected reserve to last about another thirty five years.

The method of transporting the stone is suited to the rugged country. An Aerial Ropeway carries steel buckets filled with limestone over seven miles to the cement works.

The Shale Quarry is situated adjacent to the Works, and shale is won by Electric Navy direct from the face.

The raw materials are dried in three rotary dryers. There are also now three Raw Mills, and three Kilns. The original kilns are still being used. The largest and latest kiln was installed in 1954 and is 165 ft. long and 10 ft. in diameter. Its output is approximately 90,000 tonnes per year.

Total output from the plant is now approximately 240,000 tonnes of clinker per year which is ground in the plant's three cement mills. Testing of all materials and the finished product is carried out continuously in the plant's comprehensive laboratory.

Coal is used for kiln firing and for the production of electric power, a 7.5mw Steam Turbine is used. This was installed in 1965.

The Plant's original Colliery operated until 1957 when the present Colliery, which is about three miles from the works, was opened. It is fully mechanised. Coal is transported to the cement plant by truck.

As in all plants in the group, Management and Workers are safety conscious, and the social side boasts a very active Bowling Club.

Employees at Charbon number 310.

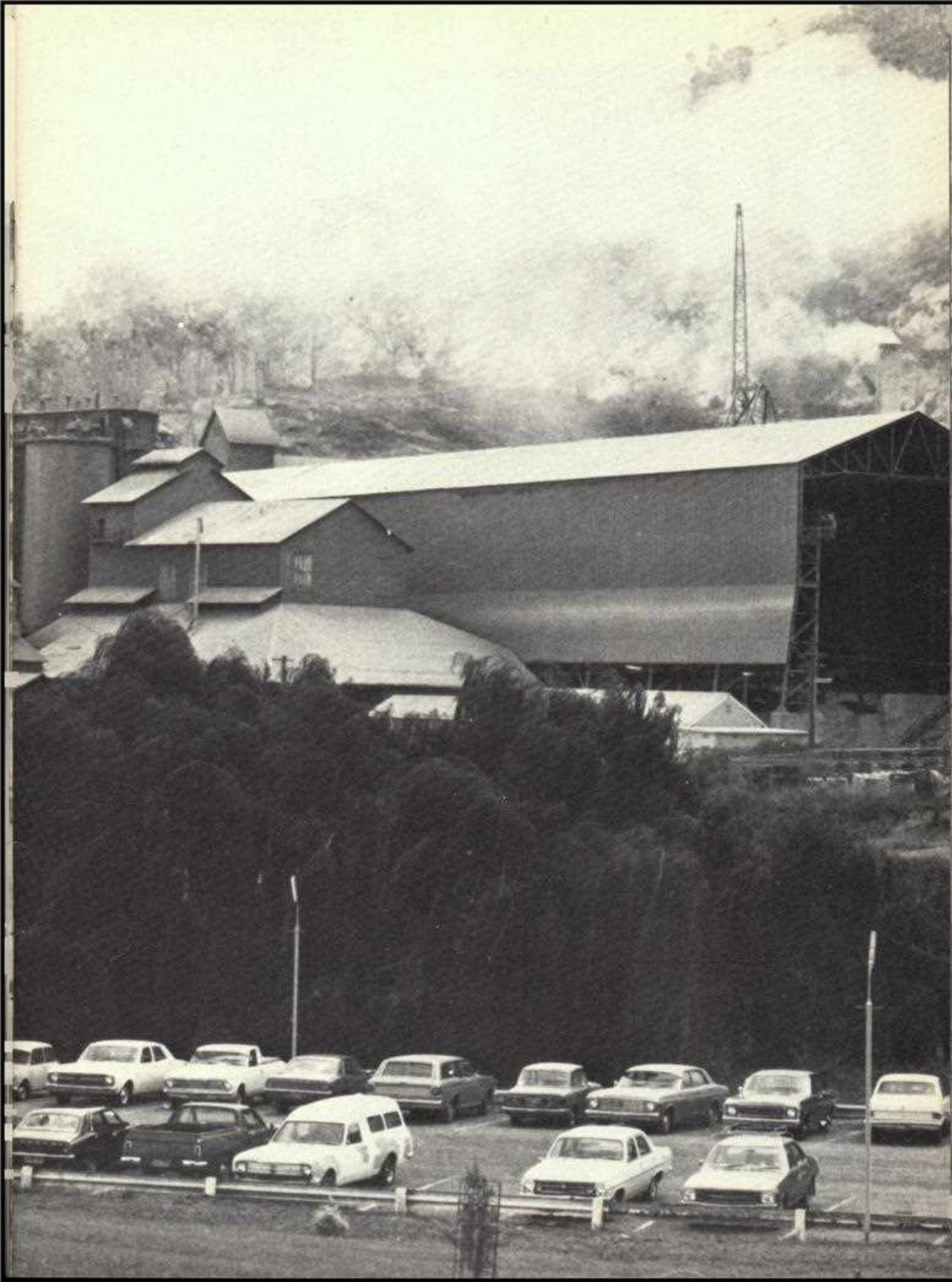


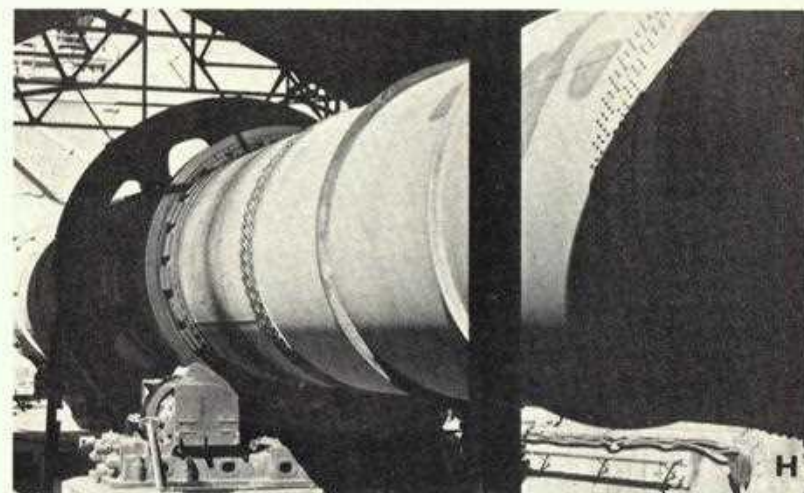
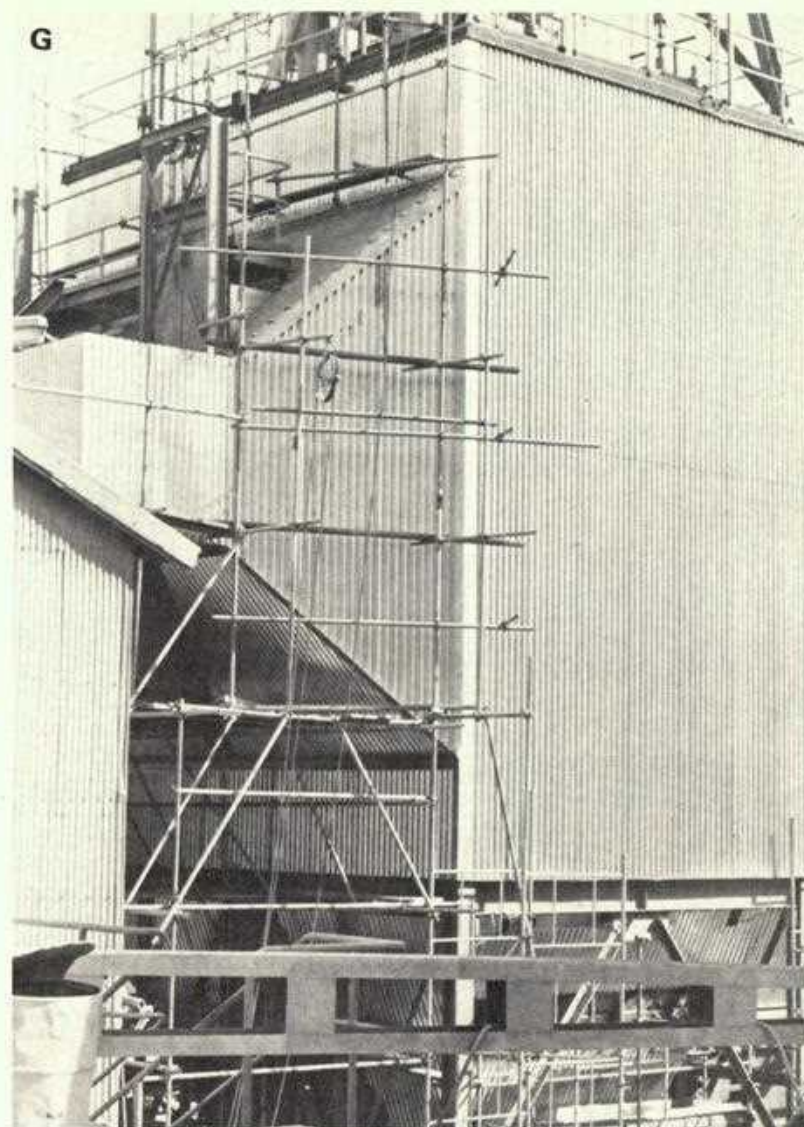
MR. D. SAUNDERS

Mr. D. Saunders, Manager of Charbon Works, commenced his service with the Company as Charbon Colliery Manager in 1963, transferring to the cement plant in 1967 as Technical Assistant to the then Manager, Mr. H.J. Morphew. He then became Assistant Manager at Charbon. Later he transferred to Maldon Works as Assistant Manager where he remained for one year. Returning to Charbon he became Works Manager in 1972.

Mr. Saunders holds a degree in Mining Engineering, University of New South Wales. He also holds a Colliery Manager's Certificate and Mine Surveyor's Certificate.

He is a member of the Western Mines Rescue Station Committee, member of the local Rotary Club and Chairman of Rylstone Hospital Board of Directors.





CHARBON

A. Left to right front row:—
 Trevor Webb — Electrical Engineer, Bill Blain — Works
 Secretary, Des Saunders — Works Manager,
 Don Watson — Colliery Manager.
 Back row:—
 John Post — Works Chemist, Des Phillips — Works
 Engineer, Mike Brown — Assistant Works Manager,
 Jim Sheehan — Quarry Manager.
 B. Colliery Crushing and Conveying.
 C. Limestone Loading.
 D. Limestone Ropeway.
 E. Quarry Manager — Jim Sheehan.
 F. Colliery Manager — Don Watson.
 G. New Precipitator Installation.
 H. No. 3 Kiln.

SOUTHERN PORTLAND CEMENT, LIMITED.

BERRIMA WORKS

Mr. A.S. Taylor, who later was responsible for the Maldon Works, was the man behind the establishment of the works at Berrima.

Construction commenced in 1927 at the present site alongside the old Berrima Junction-Medway railway line.

The works are situated between Moss Vale and Berrima about 85 miles south of Sydney and use the wet process of cement manufacture.

Limestone comes from the Company owned Marulan South Quarry. The Quarry at Marulan South is operated on the open face bench system. After drilling and blasting from the face, Terex end loaders fill the Euclid trucks which take the stone to the crushers. Yearly capacity is approximately 2,600,000 tonnes. Limestone is sent to the Steel Industry and also to the Berrima Cement Works.

Lime burning facilities at the quarry include a rotary hearth kiln which was commissioned in 1968, and a conventional rotary kiln which was commissioned in January, 1973. Burnt lime is despatched by road and rail to Newcastle Steel Works and other markets. The lime plant capacity is approximately 180,000 tonnes per annum.

Production of cement commenced at the Berrima Cement Works in May, 1929, using two raw mills, two kilns and two cement mills. Extra kilns were added in 1954 and 1957. No.5 kiln was commissioned in 1964 with a capacity of approximately 410,000 tonnes per year. This kiln is 560 feet in length and 15'-3" in diameter. At the time it was the largest kiln in the Southern Hemisphere. Since then only one other has been built in Australia of comparable size. When No.5 kiln was commissioned the two oldest kilns were taken out of production and the three kilns now in operation have a capacity of approximately 550,000 tonnes per year.

The plant now operates three raw mills and five cement mills to handle the continuing demand for cement.

The Colliery is situated at Berrima West, six miles west of the cement works and is connected with it by a private railway line.

Coal was first produced from this mine in the 1880s.

Coal production again commenced at the mine in 1929.

Until April 1968 mining had been by the hand winning system and 650 tonnes per day was produced by 166 men. After April 29th, 1968, when the mine became fully mechanised, the output increased to 750 tonnes per shift, produced by 45 men. The output is now approximately 225,000 tonnes per year.

Southern Portland Cement have for many years stressed the importance of safe working, regular safety meetings being held. The Management, Safety Officer and all Foremen work together to keep every employee safety conscious.

S.P.C. employs approximately 544 at Berrima, Berrima West and Marulan.



MR. W.M. GALE

Mr. W.M. Gale, Works Manager Berrima, attended Sydney University as an Electrical Commission Trainee. He graduated B.Sc. B.E. in 1955.

Joining Shell as a Group Trainee, he spent one year in Holland and two years in Brunei, Borneo, on civil construction related to power stations and oil drilling at sea.

On his return to Australia he was engaged for a short time on instrument supply and then electrical construction.

Joining Kandos Cement Co. in 1960 he served as Technical Assistant to the Works Superintendent and then became Chief Engineer in 1963. In 1965 he spent a short while with a firm of Consulting Engineers before starting with Southern Portland Cement Ltd. as Production Engineer. This was followed by a period as Research Engineer and during this period he received his Master of Engineering Science degree at the University of N.S.W. following two years part-time study and a thesis based on kiln operation. Mr. Gale then became Production Superintendent.





BERRIMA

A. Left to right: — Jack Schott — Manager Quality Control, John Zaranski — Production Foreman, Alf Knapman — Power House Foreman, Dennis Marsden — Engineering Superintendent, Sam Marshall — Production Superintendent, Bob Strode — Assistant Electrical Foreman, Les Humphries — Safety/Employment Officer.
 B. No. 5 Kiln.
 C. Stan Lovell — Commonwealth Quarry Manager.
 D. Quarry personnel — Left to right: — John Teague — Manager, Dick Kruk — Lime Plant Foreman, Trevor Pearson — Production Superintendent, Keith Delderfield — Quarry Engineer.
 E. Numbers 2 and 4 Kilns and Limestone unloading.
 F. View of SPC Marulan Quarry.
 G. Storage Bins at SPC Quarry, Marulan.
 H. Jack Good — SPC Colliery Manager.
 I. Transport car to mine SPC Colliery.
 J. John Teague — Quarry Manager.

THE COMMONWEALTH PORTLAND CEMENT CO. LTD.

MALDON WORKS

The Maldon Cement Works is a wet process plant and is situated in the Picton District, about fifty miles south west of Sydney. Set in the rolling and picturesque countryside, it is unexpected, but does not detract from the attractiveness of its surroundings. Three thousand trees have been recently planted around the works, and large principal buildings on the area have been painted green.

Behind the offices and amenities buildings one is agreeably surprised at the large expanse of neatly trimmed lawns. It is hard to believe that the plant is in full operation just beyond the green painted buildings at the far side.

The history of Maldon Works is extremely interesting. Construction began in November, 1948, with plant transported from Detroit, U.S.A. It came about in this way. At the close of World War II, the Ford Motor Company was using this plant to manufacture cement. Their Automobile Factory in Detroit needed the cement plant area for expansion and so the plant was offered for sale. One of the conditions was its immediate removal from site.

Metropolitan Portland Cement Limited purchased this plant. It was shipped piece by piece to Sydney, transported to Maldon and re-erected, being in operation by January, 1951. A.S. Taylor established the plant with the idea of supplying cement to a growing local market.

Unfortunately its early years of operation brought large financial losses. This led to it being taken over by The Commonwealth Portland Cement Company Limited, and in May, 1960 the plant became a part of the Blue Circle Group.

Part of the old plant is still in operation but production capacity was greatly increased in 1967 when a new plant of approximately 300,000 tonnes per annum commenced production on 1st August, that year.

This plant consisted of a new kiln and a 3000 horse power cement mill to assist the existing mill.

In the early days coal for firing the kilns was obtained from the company's colliery at Medway, which has since closed, and coal now comes from Mount Victoria by rail. Limestone also comes by rail about seventy miles from the Company's quarry at Marulan.

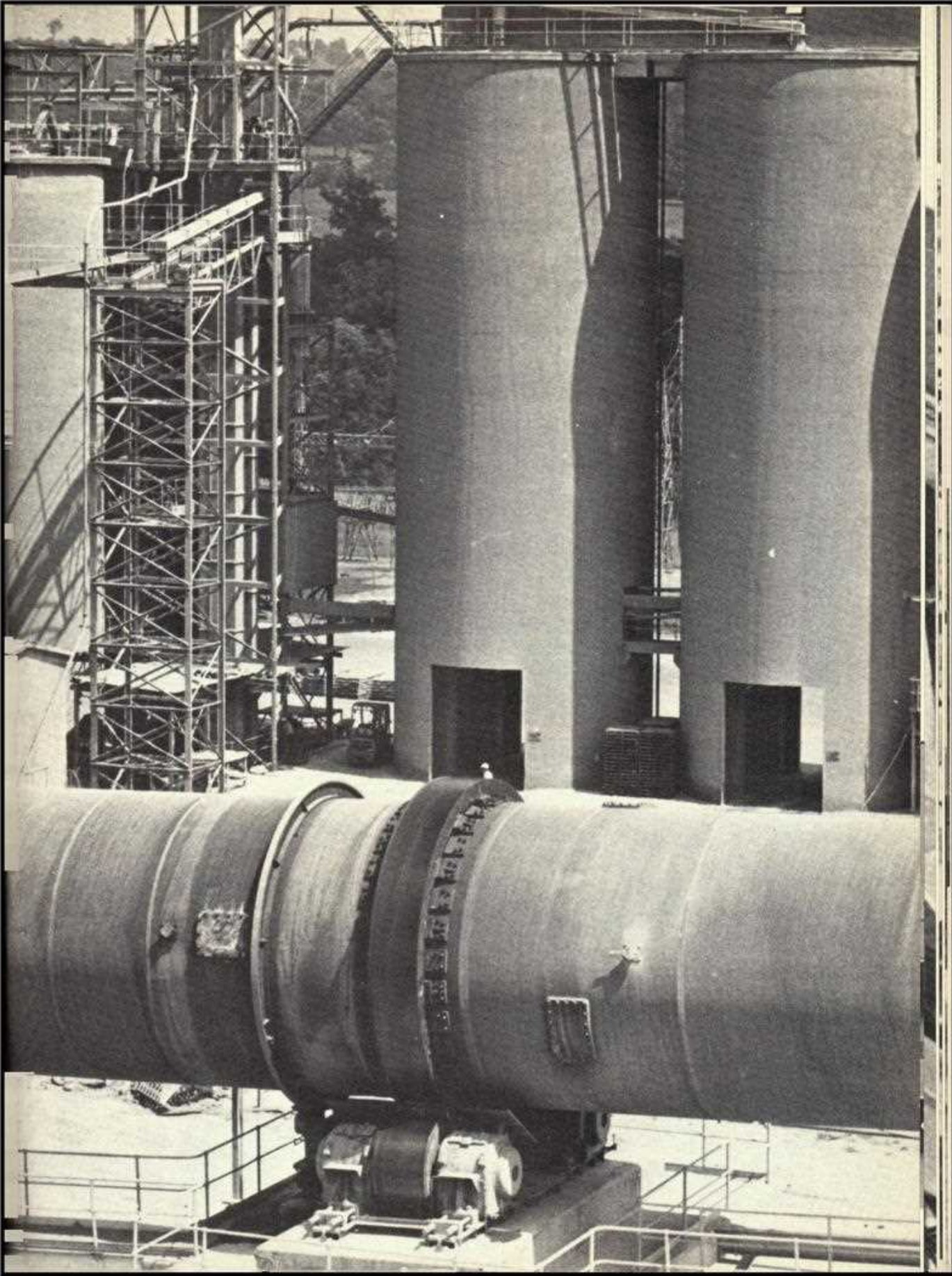
Part of the original plant, No.2 kiln, is still working producing nine tons per hour. The total annual output has now grown to approximately 400,000 tonnes. The plant has two large raw mills and a modern limestone handling system. Storage and despatch of cement is by the usual method.

There are 260 employees at Maldon and Marulan.



MR. J. MORPHEW

Mr. J. Morpew became Works Manager at Maldon in January 1972. He studied at Sydney University and gained his degree in Bachelor of Mining Engineering. Whilst at Coalcliff Colliery he gained his Mine Surveyor's Certificate and became Mine Surveyor. He later gained his Colliery Manager's Certificate. Mr. Morpew joined Standard Portland Cement in 1955 in order to design new colliery operations at Charbon, later becoming Manager. From the Colliery he moved to the cement works at Charbon where he was Assistant Works Manager whilst remaining Superintendent of the Colliery. Later he became Cement Works Manager in 1965.



MALDON

A. John Morphew — Works Manager, John Ketley — Assistant Works Manager, Vern Wrightson — Works Accountant, Reg Moverley — Works Chemist, Charles Richardson — Engineer.

B. No. 3 Kiln.

C. Model of Works.

D. Limestone Storage Building.

E. No. 3 Kiln Drive Station.

A



F

Nº 3 KILN

TUESDAY	1080	RD DAIL OUTPUT
WEDNESDAY	1080	
THURSDAY	1080	
FRIDAY	1050	
SATURDAY	1072	RECORD WEEK
SUNDAY	912	OUTPUT
MONDAY	972	7399
TOTAL	7246	

WAURN PONDS

Our plant at Waurm Ponds which commenced production in 1964, is seven miles southwest of Geelong. It is a compact, clean looking plant, and has certain features that draw the visitor's attention.

When quarrying of limestone commenced it provided building stone for a great deal of construction in the early days of Melbourne. In those days the stone was also used in the manufacture of lime and the remains of several old lime kilns can still be seen in the area.

On first approaching Waurm Ponds one is impressed by its appearance. Along the road frontage and surrounding the general office are wide lawns with flower beds, shrubs and trees. There are no ugly heaps of clay from the quarry — these have been overlaid with topsoil and grass has been sown, so they appear as rolling, grassy hills.

One is also impressed by a tall building almost 200 feet high. This houses the heat exchange unit and is the tallest in the works.

The method of winning the limestone is unique in our Australian Group. After removing the overburden the exposed limestone and marl is won by ripping, using D9 bulldozers. Terex scrapers with a 20 dry tonne capacity transport the material to a hammer mill.

The cement plant is a modern dry process operation, designed around an efficient Humboldt rotary kiln heat exchanger unit. The kiln is fired with fuel oil delivered by road tanker from the local oil refinery, and power is supplied by the State Electricity Commission. Gypsum is brought by rail from deposits in northwestern Victoria.

The raw material is partly dried in an oil fired rotary drier, and then completely dried and finely ground in one operation in an air-swept ball mill (raw mill).

The meal is then pumped into a blending silo from which it flows into meal storage silos. The meal from the silos is weighed by a weighfeeder which is controlled and set from the laboratory. It is then pumped to the heat exchanger.

The heat exchanger uses hot exhaust gases from the kiln. Raw meal is conveyed by a pump to the top of the heat exchange unit. The raw meal passes through the unit and enters the kiln in a partially calcined condition.

The kiln is 190 feet long and 13 feet in diameter.

The clinker is ground in two closed circuit cement mills.

Yearly output of cement is approximately 320,000 tonnes.

Most of the cement is despatched in bulk by rail. The rest is bagged by a four spout bagging machine.

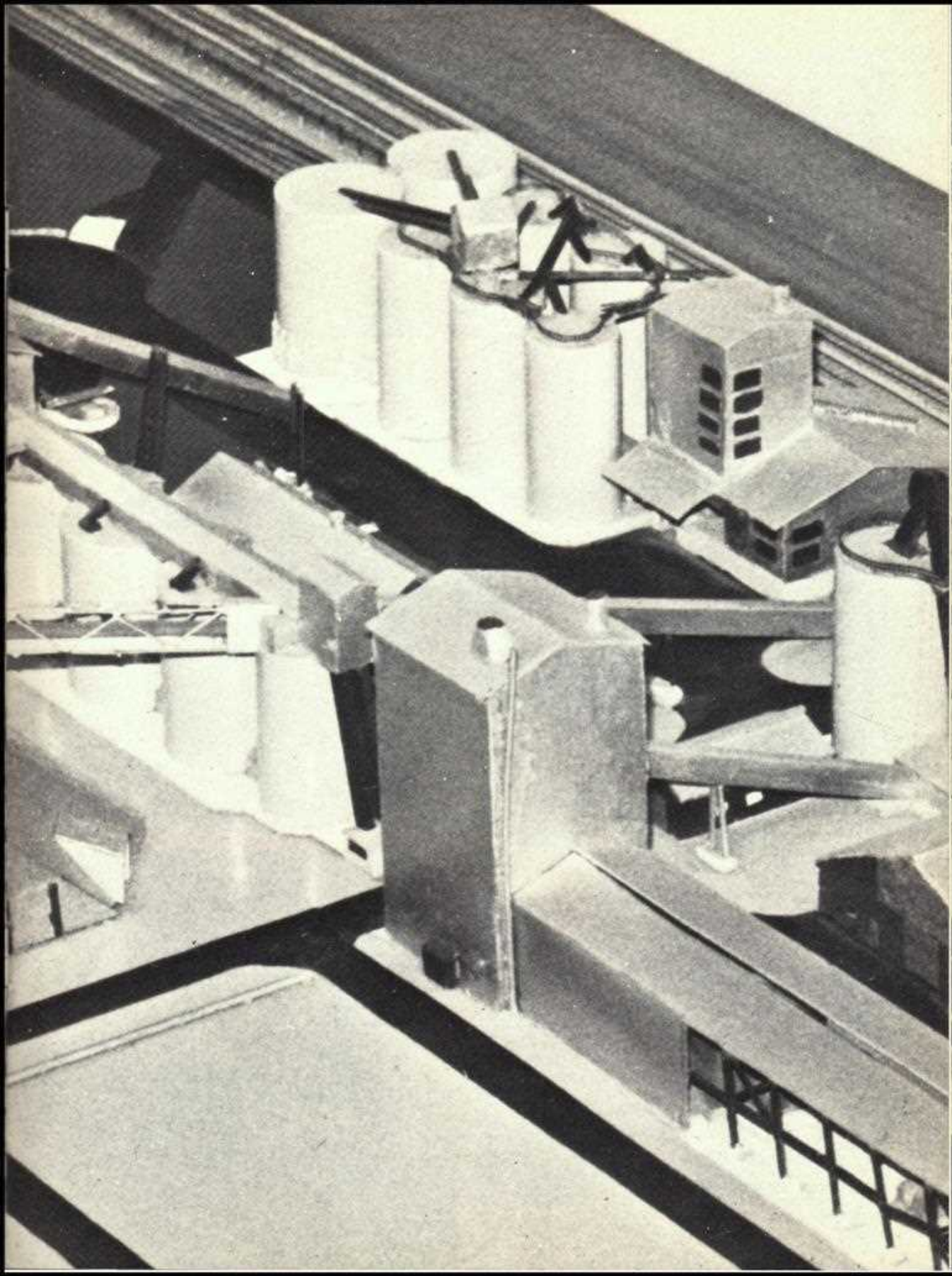
Once again safe working is stressed. There is a top management safety committee and an investigating committee.

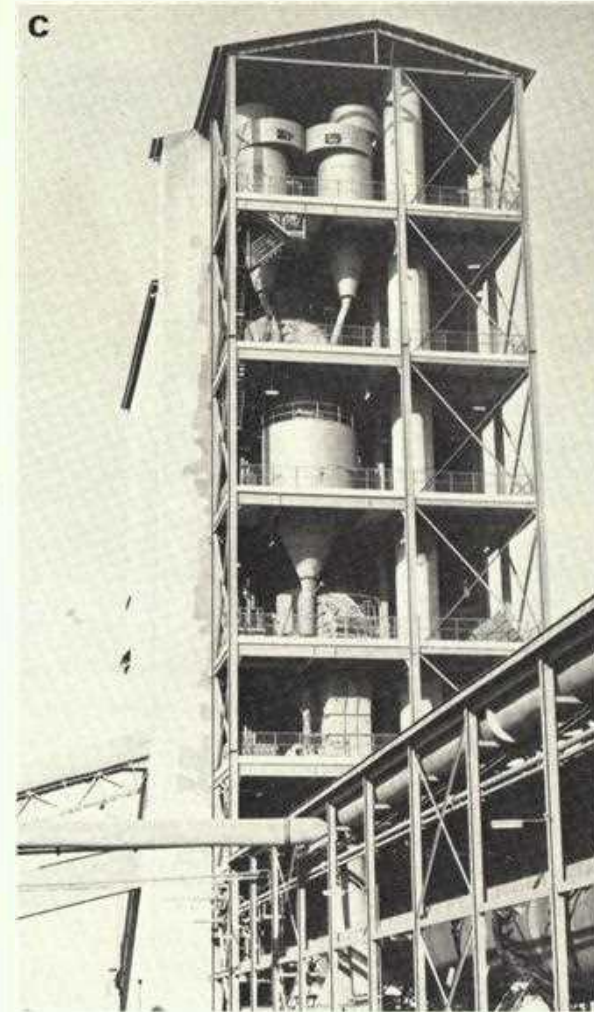
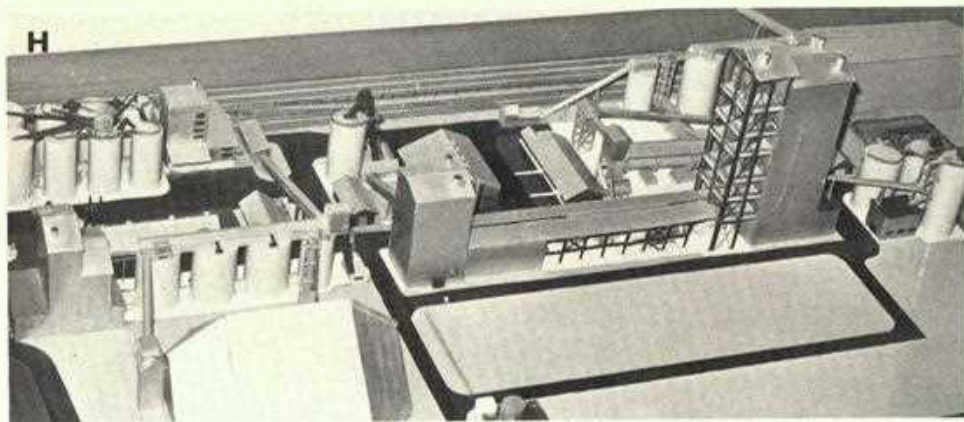
There are 170 employees.



MR. C. LANGLEY

Mr. C. Langley, Manager of the plant at Waurm Ponds, obtained his diploma of Industrial Chemistry at the Gordon Institute of Technology, Geelong. In 1940 he was an analyst and later assistant Chemist in Australian Cement Ltd. at Geelong. 1954 saw Mr. Langley at the Kandos cement plant as Production Chemist. In 1961 he moved to to Charbon as Production Manager, and was there when Charbon was taken over by the Blue Circle Group. In 1969 he was transferred to Waurm Ponds as Assistant Works Manager, and became Works Manager in August 1969.





WAURN PONDS

A. Left to right:—

R. Garrett — Works Chemist, R. Wulf — Electrical Engineer,
T. Lagging — Shift Foreman, J. Yates — Works Accountant,
C. Langley — Works Manager, W. Graham — Production
Manager, P. Shanahan — Quarry Manager.

B. P. Shanahan — Quarry Manager.

C. The Heat Exchanger.

D. View of the Cement Works from the Quarry Road.

E. The Kiln.

F. Winning the Limestone using Ripper and Scraper.

G. Part of the Quarry at present being worked taken from the
top of the Cement Silos.

H. Model of the Works.



SWAN PORTLAND CEMENT LIMITED
(An Associate Company of the Group in Western Australia)

RIVERVALE WORKS

When the Company was first formed in 1921 it was known as the West Australian Cement Company.

As in all worthwhile enterprises that have eventually tasted success, the early history of the Company was a history of trials and tribulations.

The problem of finding raw materials was one of the greatest that had to be overcome. At first a lime marl had to be transported 70 miles from the bed of Lake Clifton, Perth. Clay was obtained at Rivervale and Gypsum came from lake deposits near Yellowdine. Coal was used for fuel.

After only a short period of operation it was found that the Lake Clifton deposit was not completely suitable because of its uneven quality and high transportation costs. Alternative deposits were sought, and for some time marl and stone came from various sources, but there was not enough to keep the plant functioning at the required capacity.

Another avenue had to be sought — and was found. Decayed oyster shell proved to be the answer. Over three million tons of shell was extracted by mechanical drag from the river bed between 1927 and 1956.

In 1956 the Swan Portland Cement Limited was established to take over the assets and liabilities of the West Australian Cement Company.

Although oyster shell was still satisfactory it was becoming too expensive to process and its use ceased in 1956, when new sources of suitable stone were discovered in the Fremantle area.

Since the early days of struggle the Company has continued to grow and today is in the forefront of the industry in Western Australia.

In 1969 an agreement was entered into with Associated Portland Cement Limited (UK) which resulted in Swan Portland Cement having access to the world's best expertise, and enabling it to upgrade plant capacity and to produce consistently controlled quality cement. This association still exists.

Currently, enlargement and modernisation of the Company's plant at Rivervale is in progress. It is a wet process plant with gas fired kilns.

As with other plants in the group, Swan has demonstrated its sense of responsibility to the public by installing the most efficient dust collection system possible.

The Company also produces hydrated lime.

At the present time there are three raw mills, three kilns and five cement mills in operation. Natural gas is used as the firing fuel.

The employees number 180.



MR. C.C. CHEYNE

Mr. C.C. Cheyne, General Manager Western Australia, served for five years in the Royal Engineers. He has now been with the Company for 14 years in Western Australia. He is a Fellow of the Australian Society of Accountants and an Associate of the Chartered Institute of Secretaries.



MR. H.J. MARTELEW

Mr. H.J. Martlew — Works Manager came from a cement works in the Bahamas to Portland Works as Chief Engineer in 1967. He became Works Manager in 1969. In 1972 he transferred to Swan Cement as Manager of Rivervale Works.





RIVERVALE

A. Left to right:—

A. Ahrens — Maintenance Supervisor, W. Mason — Works Engineer, R. Atkinson — Electrical Supervisor, R. James — Project Engineer.

B. Dave Edmiston — Process Engineer.

C. Jeff Trew — Assistant Works Manager.

D. Neil Campbell — Production Supervisor.

E. Geoff Ledsham — Research Officer.

F. Ken Wilson — Chief Chemist.

KOORAGANG CEMENT PTY. LIMITED.

(An Associate Company of the Group in Newcastle, N.S.W.)

KOORAGANG ISLAND

Kooragang Island was formerly a group of small swampy islands in the Hunter River. It is in the reclamation area of the N.S.W. Public Works Department and is now the site of a great deal of Newcastle's heavy industry.

The site of this cement grinding plant has an area of 31 acres. Less than half of this has been reclaimed. This will allow for expansion to a full cement plant if required.

Production by Adelaide Cement Company commenced at Kooragang in January, 1970 and twelve months later APCM(A) obtained a 50% interest in the undertaking, consequently a new Company, Kooragang Cement Pty. Limited, was formed in March, 1971.

Clinker for the plant is shipped from Port Adelaide to Walsh Point where it is unloaded and trucked to the plant. From the unloading area the clinker is conveyed by inclined belt conveyor to the storage area.

The two raw materials are reclaimed from storage by a belt conveyor in a tunnel beneath. Weigh Feeders are used to control the amount of gypsum added, and also to maintain a constant tonnage of mill feed.

The 1200 horse power Cement Mill is 8ft. in diameter and 40ft. long and has electrostatic dust collection. The clinker is ground on open circuit, the capacity being approximately 150,000 tonnes of cement per year.

Kooragang has 21 employees.

There are six silos above the bagging and bulk despatch station, with a total capacity of over 2000 tonnes. Two additional silos are at present under construction and each will hold 750 tonnes when completed. The lawns fronting the Main Office preserve a greenness and neatness that adds greatly to the appearance of the Plant.

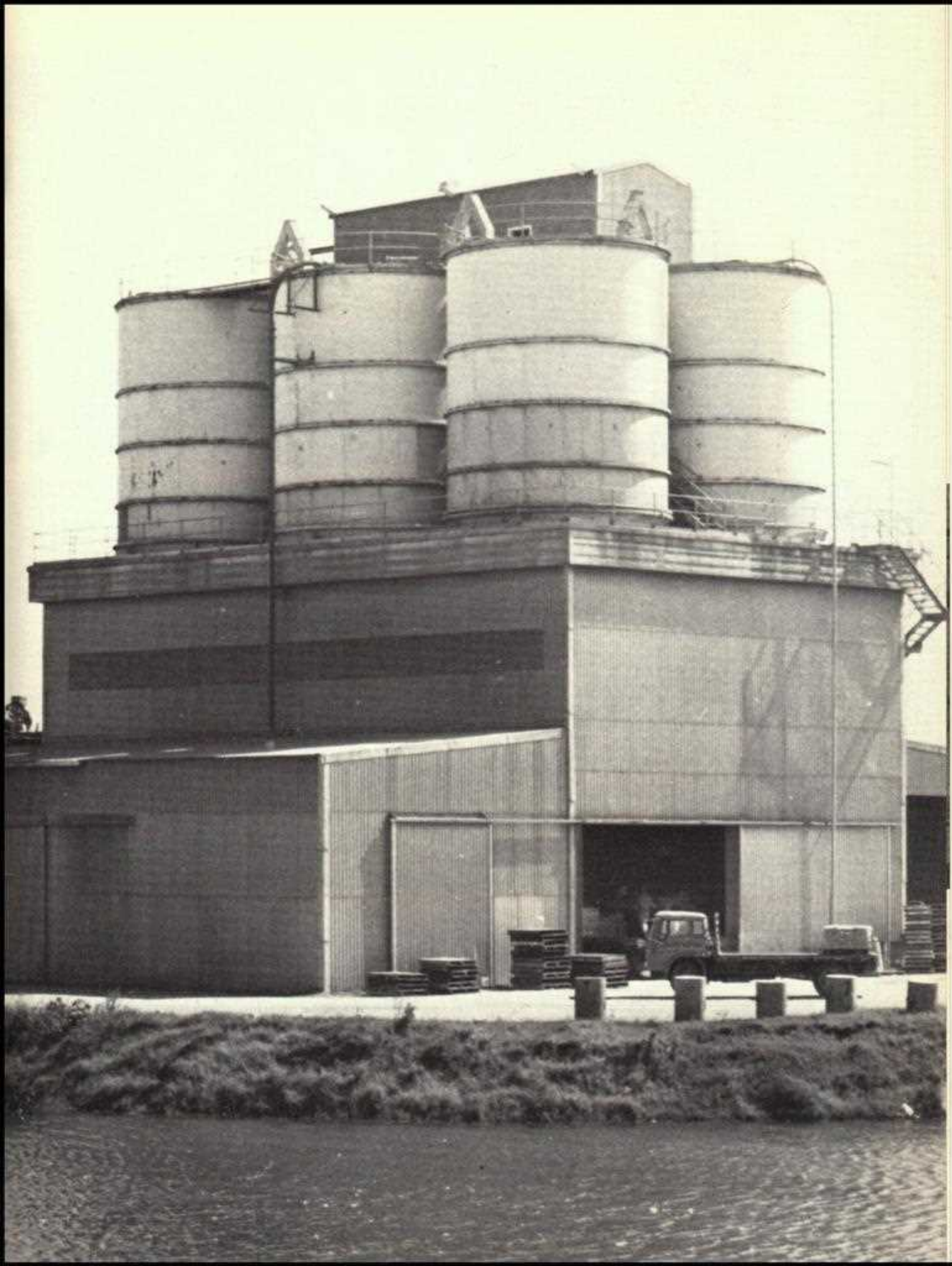


MR. B. SANDERS

Mr. B. Sanders, present Manager at Kooragang, is an Electrician by trade, but has had experience in marketing and management. He served for many years with Cable Makers A.C.T. Pty. Ltd., being Sales Representative in Townsville, then Manager and later Area Manager. He was then transferred to Sydney as Manager of the Sydney Office.

Prior to working with Cable Makers, Mr. Sanders was connected with the cement industry in the Electrical section of North Australian Cement Ltd. He became Manager of Kooragang Cement Pty. Ltd. on the 31st July 1972.

Mr. Sanders is an Associate Fellow of the Australian Institute of Management and an Associate of the Institute of Sales and Marketing Executives.



G



KOORAGANG

A. Left to right: —

C. Nash — Works Secretary, K. Mitchell — Sales Manager,
W. Byrnes — Works Superintendent, A. Nicolle — Assistant
Works Superintendent.

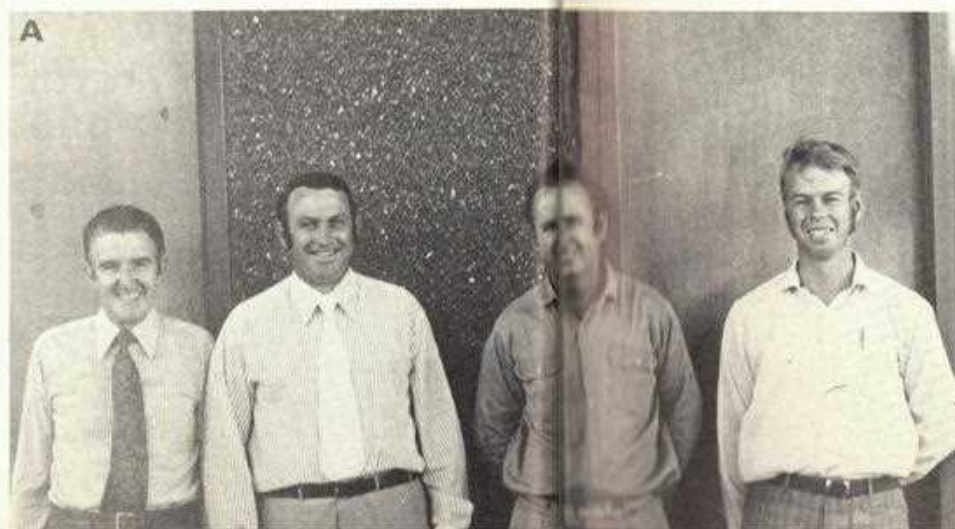
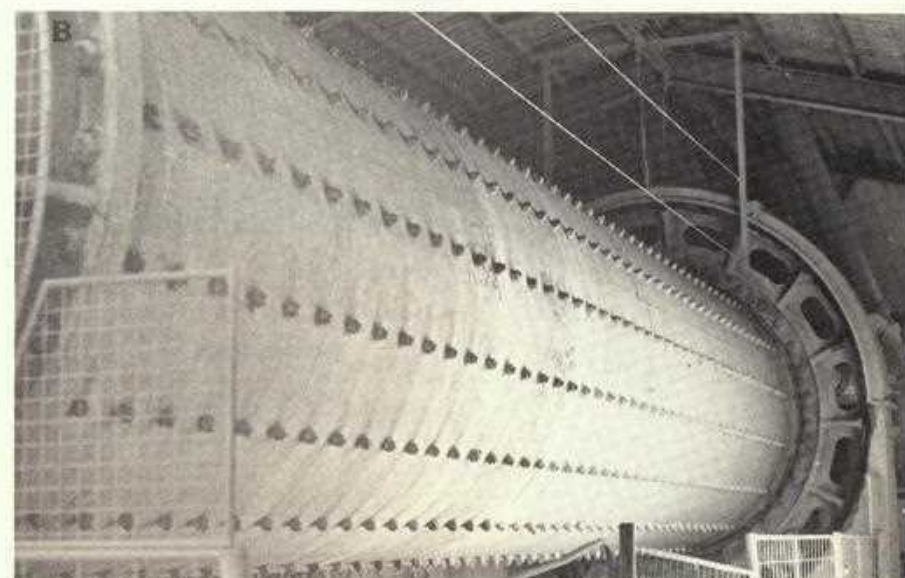
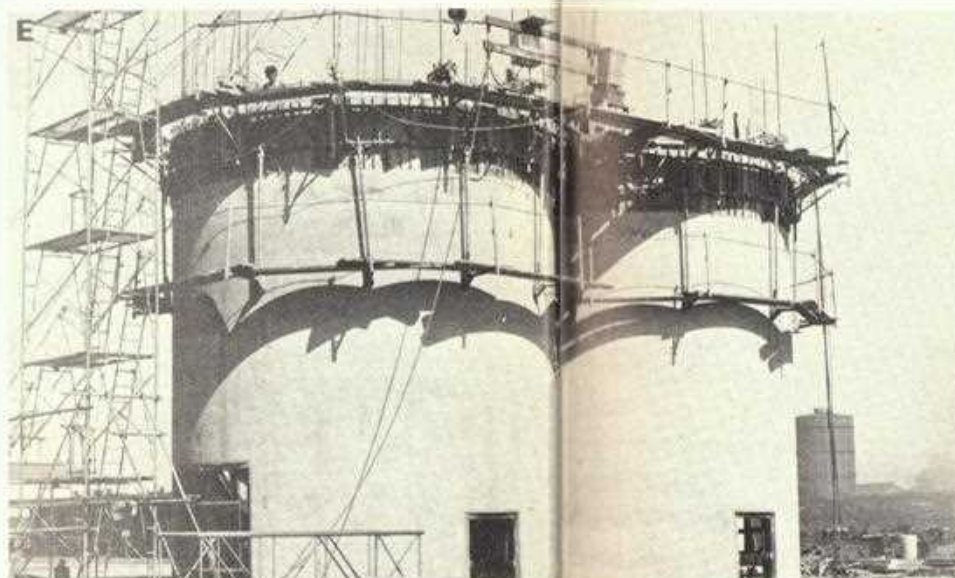
B. The Cement Mill.

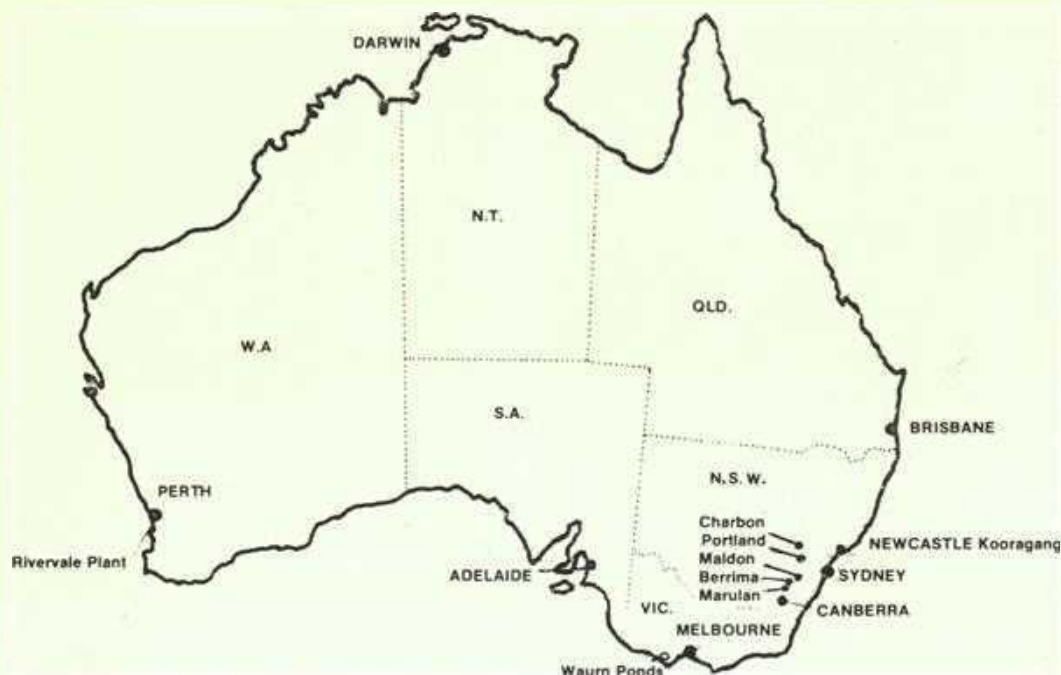
C. Clinker conveyor and storage area.

D. The two new 750 tonne cement storage silos at present
under construction.

E. The Clinker Storage Area.

F. The Cement Mill Housing and Cooler.





PRODUCTS AND MATERIALS OUTPUT TABLE

PLANT	Approximate Tonnes Per Annum			
	CEMENT	LIMESTONE	LIME	COAL
BERRIMA	550,000			225,000
MARULAN		2,400,000	90,000	
MALDON	400,000	580,000		
PORTLAND	240,000	336,400	15,000	100,000
CHARBON	250,000	375,000		90,000
KOORAGANG	125,000	GRINDING PLANT ONLY		
WAURN PONDS	335,000	536,000		
RIVERVALE	125,000	350,000	60,000	

This publication has been edited by C.W. Knowlson and R. Strode
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PS



PORTLAND HOUSE — SYDNEY HEADQUARTERS
OF BLUE CIRCLE SOUTHERN

BLUE CIRCLE SOUTHERN

Vol. 1. No. 1.

JUNE, 1974

MONTHLY LINK



BLUE CIRCLE SOUTHERN MONTHLY LINK

VOL. 1. No. 1 — JUNE, 1974

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BERRIMA: Mr. W. Strong.

SPC QUARRY-MARULAN:
Mr. A. Murphy.
Photographs: Mr. C. Glacken.

MALDON: Mr. B. Carroll and
Mr. W. Featon.

WAURN PONDS: Mr. F. Jensen.
Photographs: Mr. Max Beacom.

RIVERVALE: Mr. W. Wilson.

KOORAGANG: Mr. D. Sanders.

SYDNEY OFFICE: Mr. W. Rungie.
Women's Section: Mrs. J. Bytala.

MELBOURNE OFFICE:
Transport: Mr. B. Munday.

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Managing Director's Message

It is a pleasure to make an introductory comment to this, the first edition of Blue Circle Southern's house magazine, "LINK." The operations of the Group are geographically extremely widespread and, due to this, contact between the various Works and other units of operation cannot be as close as we all would wish. It is intended that "LINK" will become a permanent publication and assist in keeping each Group Works and unit in touch with the news and activities of the others — thus welding the Group we have formed and bring us all together as a complete team. It is perhaps not realised that over the past fourteen years, the Group has grown from one major producing Works to six plus two associated companies. The name "LINK" has been chosen to indicate the role of the magazine in bringing and keeping the "family" closer together.

The Group is well endowed with first class plant and equipment which is being continuously improved and presently uprated to produce additional tonnage to the order of 370,000 tonnes. Much more importantly, we are endowed with people. People with skills, talents, experience and loyalty; the Company employees are the Group's real "assets." As the Group has grown so has its human skills and talents; so also the opportunity for increased experience and promotion prospects for those who work in the Group, irrespective of the particular Company an employee worked for before joining the Group.

I should now like to make a brief mention of the Group Headquarters in Sydney. It is a fact of life that Headquarters are usually thought of as — a necessary but unfortunate evil; a humbug; an interfering crowd of know-alls, or worse than this — a useless Ivory Tower. Let me assure you that your Headquarters not only has top class in-house talent and expertise but also has access to the undoubted expertise, technical knowledge and research facilities of both APCM in the U.K. and B.H.P. in Australia. One of the main functions of a Headquarters is to co-ordinate and consolidate all Group activities and to provide policy guidelines. Just as importantly, however, Portland House, Sydney, is being organised to provide technical and administrative services to all Group Works and units. Portland House should be — and must be — regarded as part of the Group team to work with for the benefit of all. I regret that this introductory note is so long, but in future they will be shorter. I cannot conclude, however, without referring to objectives. The main objective of your Group is to continue to develop on sound businesslike lines to the benefit of its employees, the Group itself, its shareholders and its customers. To do this the Company must make profits — after all, that is why we are in business and why we are employed. In some quarters, the word "profit" is considered a dirty word. In a good Company, profits are struck after the employees have been fairly and equitably looked after. These profits are divided between retained and distributed profits. The retained profits being used within the company for further development and the distributed profits issued to shareholders as dividends in fair return for the money they have invested in the Company.

In the past two years, wages and salaries have risen at considerable rates and have placed a severe strain on profitability. I do not wish to go into the arguments on inflation, suffice it to say that the employees have needed increases to cope with inflation; some moderate increases in cement price has been awarded by government but profits have suffered. I would suggest that the objects of business are not presently being achieved. I doubt if employees are any better off; the company is not, nor is the shareholder. To succeed, all three elements — employees, the company and shareholders must benefit. The only way to achieve this is by increased productivity. That is producing the same quantity product at a lower cost or an increased volume at the same cost. I do not think I need tell any of us how to do this — each and every one of us knows. Believe me, it is the only way we can help ourselves, and it does help everybody. I call on all members of the Blue Circle Southern Group for an all-out effort on productivity — let us see what we *can* do.

Managing Director.

Eric Yang Wai.

EDITORIAL

Communication! First the spoken word, then the written word, then the printed word.

Before printing, everything was carefully and laboriously copied by hand. For instance, when King John signed the Magna Carta, a number of "originals" were written — and all were signed and sealed with the Great Seal of England. Then the copies had to be sent to various centres in the realm, and read to the people.

From the introduction of printing came pamphlets, newspapers, magazines and books. As transport developed these were more easily distributed. New and improved printing methods turned out more and more literature. People learned to read. Knowledge of each other, and of the world about them, spread.

Then came the telegraph and telephone — just over one hundred years ago Guglielmo Marconi was born in Bologna, Italy. At 20 years of age he transmitted his first radio message over a distance of a few yards.

In 1888 John Logie Baird was born at Helensburgh near Glasgow. When in his twenties, using very primitive equipment, he worked out a complete system of television. Perseverance brought success and he succeeded in transmitting the shadow of a Maltese Cross a distance of about two feet. He is now honoured as a pioneer in the field of television.

Because of these men, and many others like them, we can now both see and hear transmissions from anywhere in the world. But, and this is where the rub comes in, do the Office Staff know what is happening on the Plant, a few yards away? Do the employees of say, Waurm Ponds, our most southerly Plant, know what is happening at any of the other Plants or vice versa? Do the employees throughout the Group know what progress is being made? What plans are being implemented. Do *you* know where the cement you are helping to make is being used? Just what projects are we as a Group helping to build?

We are hoping that, to a large extent, our magazine will be the means of communication that will answer the above questions and many more. That through the reading of "Monthly Link" each and every employee will realise that wherever they may be, they are not just stuck away in a corner, on their own, but an important and necessary part of a growing and progressive Group.

So, readers and fellow-workers, do your best for "Monthly Link" and "Monthly Link" will do its best for you.



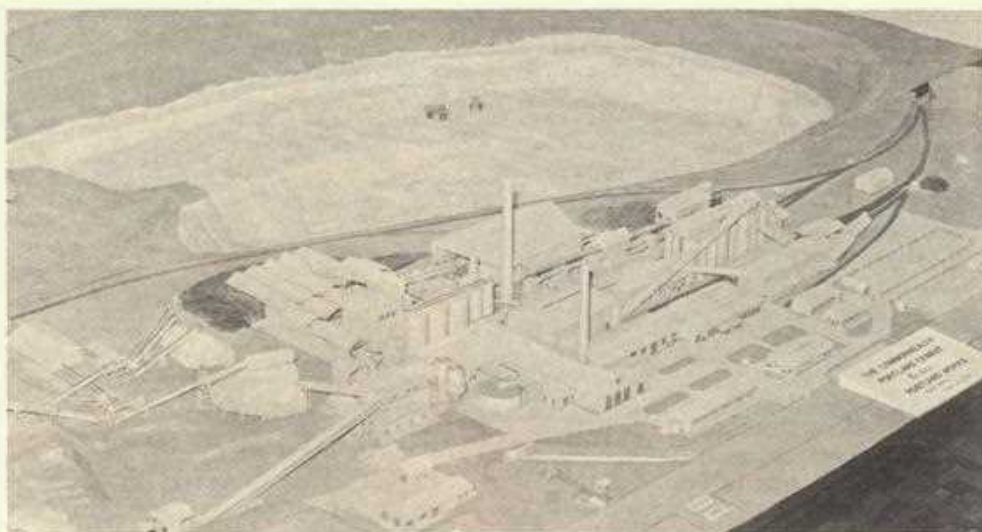
On 15th March, 1974, a function was held at the Portland R.S.L. Club to celebrate the occasion of the Quarry Section of the Portland Works having achieved the distinction of operating for 12 months without a disabling accident.

Members of the Quarry Section and senior members of the Staff together with their wives attended the function which took the form of a dinner dance.

Senior members of the Company were also present, and a pennant was presented to the Quarry personnel by Mr. W. B. McCusker, from the National Safety Council of Australia.

The accompanying photograph shows the shield being presented to the Quarry Manager, Joe Morgan, by Mr. Rex Williams, Director Line Operations.

PORTLAND



WORKS MANAGER'S MESSAGE

Today, in Newsagents shops throughout the State, a vast array of magazines are readily available for sale. Some of these magazines could be considered 'adult only' reading material, whilst others are directed either towards the male member of the household or towards the female gender. Rarely is there ever a magazine available directed towards the entire family. Therefore, I am delighted to be asked to make some contribution to this the first issue of the Blue Circle Southern Portland Cement Magazine. On the 2nd April, the new Company of Blue Circle Southern Portland Cement was formed. Its formation gave birth to the production of this magazine in its present format. It is obvious that this Company and its employees' prosperity will depend largely upon an ability to establish better understanding between Management and Employee. This magazine will help to promote and improve communications and to bridge some of the gaps in the communication chain.

During the month of April, we at Portland, unfortunately again recorded a lost time accident. The problems of Safety are indeed a major problem, but I feel sure, one that can and will be overcome. Already we have achieved some success but it is imperative that the message imprinted on the floor in front of the Safety Record Board is remembered at all times by everyone. It states quite simply "TAKE CARE." I am convinced that if each and everyone of us heeds that message then our accident rate will drop to an all time low.

Clinker production during the month was good with No. 1 Kiln recording improved outputs during the latter part of the period. Cement grinding has been a problem, but, now that all three Mills can be operated, we should soon be able to see the large clinker stockpile decreasing.

The long awaited new Raw Mill operators' cabin is nearing completion and it is hoped that it will be in use by the time this magazine is published.

Much work still remains to be carried out but you can rest assured that the Works staff will be striving to complete and improve all existing programmes and facilities in the shortest possible time.

Remember the message — "TAKE CARE" — at Home, at Work and at Play.

KEN HULONCE.

SAFETY & PRODUCTION REPORT

Compared with 1973 our Safety Prevention has achieved quite a considerable improvement with four only lost time accidents against seven for the same period last year. It is hoped that this improvement will continue throughout the year, and the Safety Promotion Team is working to achieve that aim.

For two weeks in a row Portland Works has shown a remarkable improvement in Clinker output, recording 5020 tons and 4945 tons respectively. These figures are very close to the best weeks output ever recorded of 5280 tons.

RETIREMENT

A recent retirement from the Portland Works was Mr. Keith Stait who had been employed here since November, 1953. During his period of employment Keith worked mainly in the Kilns area as a labourer. We wish you a long and happy retirement Keith.

WEDDING

The 23rd March saw a change of name for our popular Switchboard attendant Lyn Fitzgerald when she consented to become Mrs. John Weggery. The happy couple spent a week away and are now back at their respective jobs — Lyn at the Switchboard and John in the Powerhouse where he is employed as a Fireman. Prior to the wedding, an appropriate presentation was made to Lyn by our Manager, Mr. Ken Hulonce.



This lightweight frame was constructed as a safety measure for use in the Transport Section of the Portland Works. It can be easily and quickly removed when the pit is required.

NEW ARRIVALS

The latest arrival in Portland is the new Supply Officer, Mr. Rowland Steed, who comes to us from the Tanzania Portland Cement Company in Dar-es-Salaam, East Africa, where he had held the post of Senior Supplies Officer since the factory first went into production eight years ago. He was responsible for the setting up and running of all Stores procedures and purchasing systems and hopes his experience will prove useful in Portland.

Mr. Steed studied Engineering at Coventry Technical College while an apprentice with Armstrong Sidley but later joined the Army as a Regular, only to be discharged a few months later when it was realised he was 'as blind as a bat' without his spectacles. However, the R.A.O.C. had kindled his interest in Supplies work and after completing two further years of engineering training he took up a civilian post at the Army's No. 1 Engineers' Stores depot. He later began a long association with the Civil Engineering industry which led him to Africa in 1960 to take up a post with the Mowlem Group of Companies. During this period he studied accounts, cost, labour legislation and productivity and subsequently became a member of the English Association of Accountants and Auditors. In 1966 he joined the Tanzania Portland Cement Company, in which A.P.C.M. had an interest, as Administrative Assistant to the Company Secretary with responsibility, inter-alia, for

purchasing and supply. With the complications arising out of Tanzania's political policies and the 1967 Middle East War, which closed the Suez Canal, purchasing and supplies became a full-time job. Among the more unusual purchases made by Mr. Steed during his time in Tanzania was a pair of young bulls, one black and one white, for use as blood sacrifices in a witchcraft ceremony designed to free the factory from the 'evil spirits' whom the local workers blamed for a series of accidents.

When the Dar-es-Salaam factory was finally nationalised early this year the expatriate Management team split up and Mr. Steed came to Australia which, he says, 'seems a really great place to live. My wife and I have met only friendliness and it is good to see so much in the shops. In Tanzania everything was in desperately short supply. When we left in March, we had been without bread for two weeks.'

Mr. Steed was recently invited by the Institute of Purchasing and Supply to submit a thesis for examination and hopes soon to become a full Member of the Institute.

DOUG ROBERTSON OF BLACKTOWN BAG & BUL KDEPOT

Doug's working life spans 50 years in supply of materials to the building industry.

In 1939 he joined the premix mortar firm of Lime Products Co. and became the branch manager of Lime Products (North) at Herbert Street, St. Leonards.

He saw four years service with the A.I.F. during World War II and was stationed on the islands of the Pacific; resuming employment at Lime Products (North) at the end of the war.

Lime Products Co. received quicklime for mortar making from our Portland Works and was the originator in the use of what is now known as "R. K." lime; a much easier handled product than the lump quicklime of earlier years.

In 1956 C.P.C. acquired Lime Products (North) and soon after re-developed the site, building a rail-side bag and bulk cement storage centre. Doug joined C.P.C. at this time and became closely involved in the construction of the depot taking the position as Depot Supervisor.

Doug is the Senior Depot Supervisor in the C.P.C. group; at one time controlling

The 1916 Loco with Driver Albert Lake and Fireman George Graham.

both the Day Street store and St. Leonards Depot, and at times in conjunction.

He has been in charge at Blacktown for the past 4 years and as the western regions of Sydney are growing rapidly, this depot has become the major distribution centre for C.P.C. bag and bulk products.

This valued employee of Blue Circle Southern retires next April to enjoy many more happy years with his wife, three children and their eight grandchildren. He has always been very keen on sport which has included bowls and golf and was a very active participant in the early days of motor cycle racing in this State.



TRAVELLERS TALES — Some Impressions of New Zealand

By Russ Greaves, Quality Adviser,
Technical Services Centre, Berrima.

New Zealand is half way between the tropics and the Antarctic! Bluff, the southernmost town in the South Island is only 2,500 miles from the South Pole. A huge aluminium smelter is situated about one mile further south of Bluff. Incidentally, this smelter is now being pressed for increased output, and, due to lack of sufficient power the N.Z. Government is therefore planning to raise the level of several lakes in the area, some as much as 200 feet! Needless to say, the environmentalists are really doing a "Lake Peddler" on this aspect!

N.Z. is usually visualised as consisting of two islands, but there is also Stewart Island to the south, making three. The North Island of some 44,000 square miles compared with the South of 59,000, carries nearly twice the population.

One third of the land area is sown pasture for intensive farming, one third for stock grazing and forestry and the remaining third is heavy sub-tropical rain forest and mountains.

To Australians Mount Kosciusko is considered fairly high at 7,313 feet, but in N.Z. there are twenty-seven mountains over 10,000 feet!

In the Milford Sound area in the South Island it is particularly precipitous. A launch trip down the sound reveals vertical sides of anything up to 6000 feet and the depth into the water in places is in excess of 1500 feet!

A wonderful experience is a plane flight across the glaciers — Tasman, Cook and Franz Joseph. The Tasman glacier is between five and six miles long and has an ice depth of 650 feet. It moves at the rate of 16 to 24 inches each day. This action breaks off chunks of rock which are pulverised during its course. At the melting end of the glacier, residual rubble is deposited and the pulverised material carried away in the water. Thus, all glacial streams are a milky colour compared with the crystal clear melted snow streams.

In the distant past the whole of the South Island was glacial, so now the surface is mainly gravel. This material is called

glacial terminal moraine and is the normal subsoil. Needless to say, it is extensively used as a concrete aggregate and quite a number of houses are built of concrete brick. There would be enough concrete aggregate here to supply the whole world! A cover, varying in thickness from an inch up, composed of finer material is all that remains to be called "soil". Because of this, the lack of periodical rain causes havoc unless farmers resort to irrigation. The North Island on the other hand is volcanic and the soil is of a clayey nature, very similar to that of the Southern Highlands area of N.S.W.

New Zealand's main income is from frozen meat (including some venison), timber, and tourists! Being a small country they have to do things intensively.

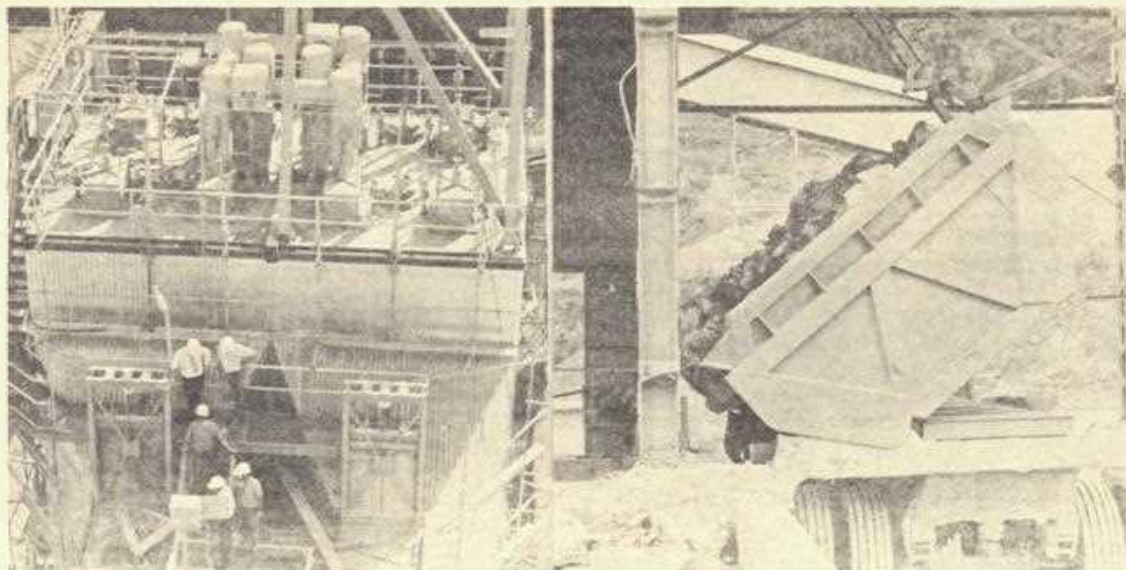
Terrific tourist potential exists throughout the country. In the North Island thermal activity is used to generate electricity. The steam being piped from various depths underground, the greatest being 8000 feet.

In Rotorua it is a common sight to see squirts of steam issuing through cracks in the ground in the town! Of course, many residents have taken advantage of this and steam is piped to the house for heating and cooking. One pressure gauge I read indicated 35 pounds per square inch. An active volcano also adds to the unusual, as do the geysers and hot mudpools.

Quite a tourist trade is done in TIKIS. The Tiki is a carving of a figure head in wood or jade, that is worn as a neck pendant and is supposed to bring good luck. I didn't realise how hard jade was till I tried to break a piece! No wonder the early Maoris used this material to face axes, spears and such like.

A holiday tour of N.Z. is highly recommended and good value is offered for the prices charged. I was going to conclude here, but after writing "prices charged" was reminded of the N.Z. Cost of Living. It is lower than our own generally speaking, the tea and mutton prices being the exception, which are much higher. Although mutton is produced in great quantities, no doubt the price has been fiddled with in a similar manner to our Australian butter, which may be bought cheaper in England than Australia!

Land prices are rising, and in some localities are on a par with ours. Any small house could bring \$25,000! I would guess that building costs are higher.



Left: The Precipitator nearing completion.
Above: Side-tipping limestone truck-Quarry.

CHARBON

WORKS MANAGER'S MESSAGE

This edition of the Blue Circle Southern magazine is a milestone in the progress of the cement industry and in the contribution made by the staff and employees at Charbon in helping meet the community's need for cement.

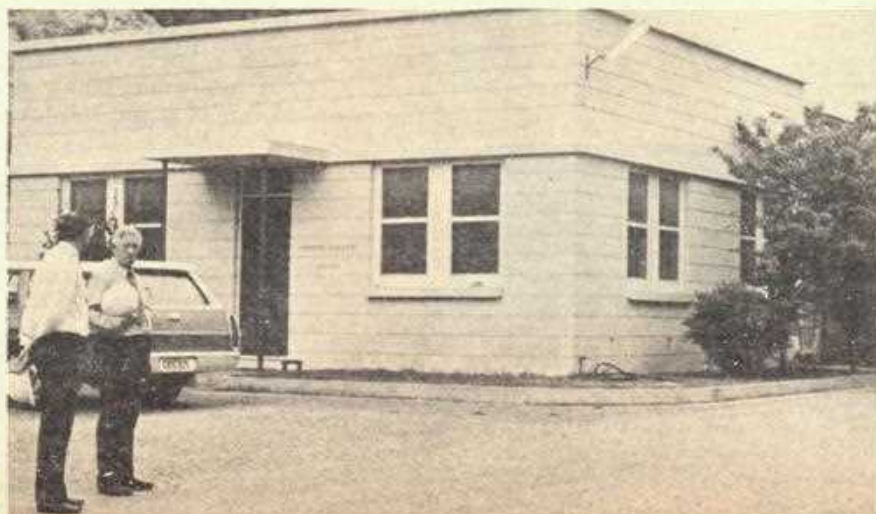
Charbon Works commenced its operations in 1926 as a private company and now in 1974 finds itself part of the largest cement producing company in Australia. I feel sure that you will join me in welcoming our new associates at the other works and looking forward to an expansion throughout the whole company of the spirit of cooperation and understanding which has prevailed at Charbon for many years.

I hope the effort put into producing this magazine will be appreciated by all concerned and it will become a magazine which is well read and looked forward to with interest as a regular feature. You can show your interest by making as many contributions as possible and entering the various competitions which will be run from time to time.

Let us all look forward to receiving regular editions packed with interest for ourselves and our families. I especially urge all those associated with Charbon Works to lend support and prove to the other plants that we are, as we claim, the best cement works in Australia.

DES SAUNDERS.

Bob Strode, Ber-rima, speaks with Bill Blain, Char-bon - Colliery Of-fice in background.



THE ENVIRONMENT

Since its inception in 1926, there have been many changes at Charbon. The plant has been upgraded in all departments, a new quarry and coal mine have been put into operation, and there have been general improvements of working conditions made. However, 1974 has become one of the more important years from the point of view of the impact on our environment.

Traditionally, Charbon, Kandos, and indeed Portland, have been branded as those dirty areas where cement is made, but this year saw the first major breakthrough in air pollution control from our kiln stacks.

Stack emission control is not new and neither are electrostatic precepitators. Yet doubts on performance have always been of concern following poor results achieved at other plants. After lengthy detail examination and testing, an order was placed in 1972 for the construction of an electrostatic precipitator at Charbon to deal with the gases from No. 1 and No. 2 kilns. The unit was commissioned in March, 1974 and is giving excellent results.

Instead of saying "there's trouble on kilns" when we see no dust from the stack we now have the reverse situation.

Our programme is set and we look forward to no dust from our No. 3 kiln stack in 1975, closely followed by the control of other emission points.

Our land is loaned to us during our lifetime. We should all follow the example now being set by the company to ensure that it remains as near as possible to the way we found it for the coming generations.

DES SAUNDERS.



Mine entrance — Charbon.

The Blue Circle Group U.K.

RECEIVE ROYAL SOCIETY OF ARTS PRESIDENTIAL AWARD

His Royal Highness, Prince Philip, President of the R.S.A., recently presented one of five "Presidential Awards" to the Blue Circle Group for Design Management.

Sir John Reiss, Chairman of the Associated Portland Cement Manufacturers Ltd., received the award from HRH the Duke of Edinburgh on behalf of the Group.

Sir Ernest Goodale, a Vice-President of the Society, and Chairman of the Selection Committee read the citation.

The citation referred to the Blue Circle Group as being one of the largest producers of cement in the world. To quote, "Blue Circle's design policy extends into a major programme of environmental design, including comprehensive improvements to its works and factories, well-designed amenity and sports facilities for its staff and substantial land reclamation projects, all of which point both to a design and a social conscience."

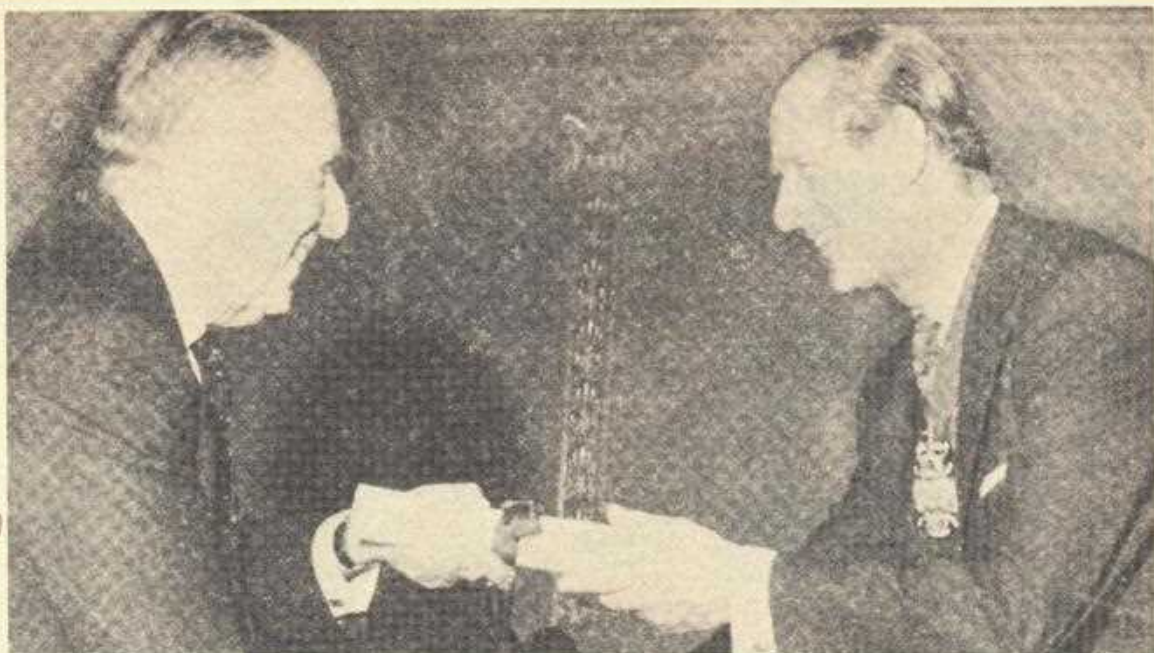
Symposium Contribution by P. St. C. Grondona, Publicity and Design Manager.

In his contribution on behalf of the Blue Circle Group, P. St. C. Grondona said, in part, that the Group's world-wide ramifications employs 246 million pounds sterling in capital, (approximately 350 million Australian dollars) and a work force of 13,000 in the United Kingdom alone.

A.P.C.M. was founded in 1900 and design has always played a part, but starting ten years ago it became the subject of planning in every area of the company's work, amenities and environment.

Outside consultants and design experts were enlisted. A great deal has been accomplished, but as the programme covers thirty-five production plants and a similar number of depots, it will still take three to four years to complete.

We perhaps think of environment chiefly in regard to the countryside surrounding our plants and quarries, but it is just as relevant to the place of work. Many factors affect the environment, clean air to breathe, the temperature and the physical surroundings, and it is in regard to the latter that design has so very large a part to play.



Sir John Reiss, Chairman of the Associated Portland Cement Manufacturers Ltd. receives the award from HRH the Duke of Edinburgh on behalf of the Group.

We are particularly concerned with the after-use of worked-out quarries and gravel pits; many have been filled in, covered with top soil, and re-grassed. Others have been reclaimed and returned to agricultural use.

Indeed, we are striving for improvements not only to the surroundings of our works and depots, but to the work place itself. Whether it be an office or a fitting shop, it must be made as pleasant as possible. When men are working with vast machinery, they must have comfortable places in which to have refreshments and relax. We are concerned with modernisation of canteens, the re-design of the interiors of our older social clubs, improvements to mess rooms and changing facilities, offices and reception areas. Generally, our aim is to achieve smartness, brightness, cleanliness and as high a standard of work place as is practicable. Old buildings around our works may have to be demolished, and redundant plant, which is often an eyesore to the surroundings of industrial sites, cleared.

Mr. Grondona referred to the great credit due to our consultants and also The Design Council and Design Magazine.

I quote his closing words, "If there is any one real challenge to all of us, it is to make the world a better place to live in, and design has a vital role to play in the realization of the ideals of the Blue Circle Group."

WELL SAID

A woman never knows what she can do until she cries.

A learned man is an idler who kills time by study.

A few people who achieve fame grow — most of them swell.

Make the other person like himself a little more, and he will like you very well indeed.

An efficiency expert is only too ready to tell you how to run your business, but he won't start one of his own.

If you must talk about your troubles, don't bore your friends with them — tell them to your enemies, who will be delighted to hear about them.

The old believe everything; the middle-aged suspect everything; the young know everything.

Woman requires no eulogy. She speaks for herself.

MALDON

MALDON'S PERSONALITY OF THE MONTH — THE CREATOR OF THE "DANGER BUG" BILL FEATON

During the month of April, 1974, a safety promotion competition was held at Maldon Works where a number of interesting, original ideas were submitted. Among the entries received were three posters in cartoon form depicting a character titled "The Danger Bug."

This entry was the work of an employee, Bill Featon and the potential of Bill's "Danger Bug" gained the interest of the Safety Committee who felt although safety is a serious subject, cartoon type posters incorporating the "Bug" would prove an interesting way to promote safety awareness on the job.

Bill, aged forty-three years, has spent an equally divided life in both the Wollondilly area and the sea-side district of Manly-Warringah. Bill completed his high school training by correspondence at the small village school at Buxton, a quite picturesque Picton loop line town, where he developed a great love for farming and the study of nature. He began his working life on a mixed farm, worked on the early construction of Warragamba Dam and during his late teens was employed at, as it was known during that colourful era, Metropolitan Portland Cement Works, Maldon. When the ring of the anvil filled the old workshops, young Bill Featon was the man with the striker's hammer. Like his father before him, Bill witnessed the first kilns being raised to their positions and remembers well the many interesting characters employed there. During the latter period of his employment with the Company at that time, he served as a gate-keeper and security man, living in the old tent area situated adjacent to the main southern railway.

After Bill married he moved to Manly where he was employed by Manly Municipal Council for many years in the capacity of concrete foreman, constructing many miles of footpath and kerb and gutter in the area. Bill was the first foreman in the area to use ready-mix concrete, an industry then in its infancy, on a footpath section of French's Forest Road.

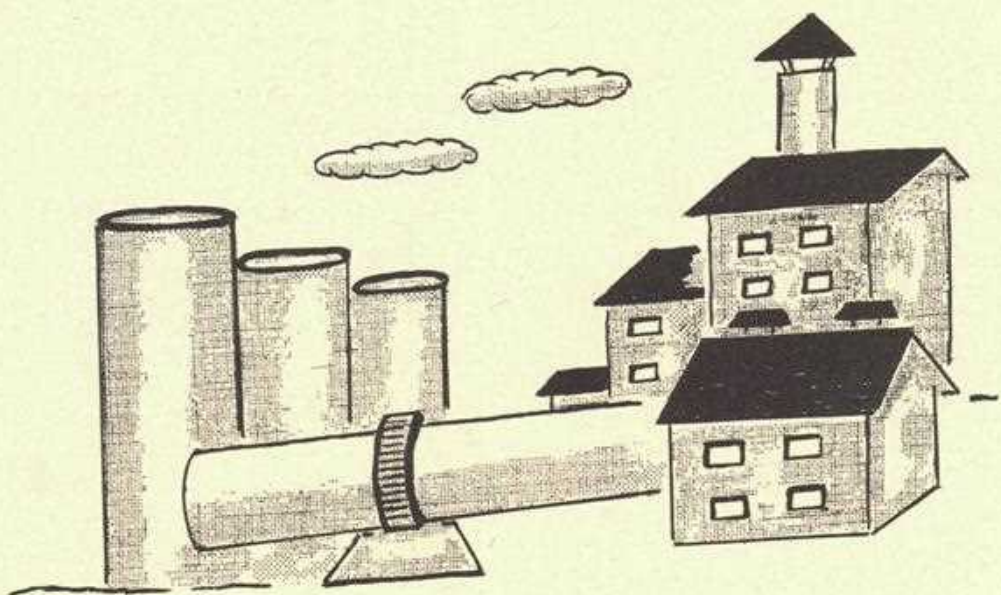


Bill was subsequently approached by the Engineer of Manly Council, who was also at that time secretary of the Manly-Warringah District Parks Joint Committee, and was offered the position of Park Foreman. Bill accepted and performed his duties in a competent manner for a number of years. It proved to be a position of great responsibility, Bill had control of one of the largest sporting and parkland complexes in the metropolitan area covering the preparation and maintenance of Rugby League, Union, Soccer, Base-ball, Net-ball, Cricket and Hockey Fields.

Bill's hobby in the district was fishing and each weekend would see him on his boat in Pittwater or the Cowan. Bill began writing for Fishing News and The Australian Angler in both straight articles and verse.

Bill suffered the loss of his wife in 1956 and remarried, relinquishing his position on the parks and moved back to Thirimere where he bought his small house and recommenced work at Maldon now being employed as an assistant process tester. Bill ceased writing in the fishing vein and began a gardening series, currently appearing in a local weekly newspaper.

Bill has acquired a settled disposition in his middle-age and is content, God willing, to reach retirement at Maldon.



THE "DANGER BUG"

He's black and ugly and bites where he can;
His purpose to cause every injury to man.
But you'll throw him out
And safe the place make,
If you think and take care
In each step that you take.

MALDON SOCIAL CLUB ACTIVITIES

Our Social Club is an active organisation of approximately 120 members. The office bearers for this year are President, Alf Slade, Fitters Shop, Val Tranter, Secretary, Treasurer, Vern Wrightson, Works Accountant.

Our most recent function was a trip to the Mandarin Club, in George Street, Sydney, where we had a most sumptuous feast followed later by more serious matters. Quite a few of our fellow workers were accosted by the one armed bandits, and Dave Jenkins, (Stock House) has had to mortgage the farm we believe! Margaret Reed, Office, really got into the swing of things, and joined the entertainer during his act, accompanying him on the tamborine. Margaret is giving lessons Tuesday evenings if anyone is interested.

Our next outing is for the littlies, a bus trip to Koala Par. Sunshine please . . .

One of our valued committee members leaves for England next month, Ken Northcott, Fitter. Sorry to see you leave Ken, but our best wishes go with you and your family.

CHIT CHAT

Understand that certain members of the Mechanical and Electrical Departments are not proceeding with their idea of producing a book which was to be called "Memoirs of a Streaker." It seems such a waste following all the practical effort used, in obtaining background information.

Watch the Works Notice Board for the sale of three Crash Helmets.

Two new faces around the office, or should we say, many happy returns to old acquaintances. Mrs. Bernadette Hinchcliffe, hereafter called "Red" and Mrs. Helen Elsworth, "Slim" to her friends.

Bernadette is our Computer Terminal Operator and Helen is one of our decoders.

Great to see you both again. The quick wit and keen sense of humor of these two ladies keeps the office alive. If any of you people out there in Link Land come to pay us a call, an intro to this pair is a must.



RETIREMENT — 1949 — 1974 —

Mr. Robert (Bob) Crossman retired on the 24th May, 1974.

Bob has been a loyal employee for 25 years, with a 2 year intermission whilst he served his country in the capacity of L.A.C. Group 2 Air Force, Canberra, 1952-1954.

Bob began his employment in the position of Pay Clerk at the Maldon Works, and after his sojourn in the Air Force, returned to become a labourer on the plant. He then graduated to Mill Hand, and from there to Calcinator Operator. He was then moved to the Laboratory where he became a Process Tester, and finally to the Stores Costing Department where he is today, but now in the position as head of the Department.

Here indeed is a versatile man.

Bob has worked under the direction of five managers during his years of service. Messrs. Taylor, Patam, Burns, Davies and the present manager, John Morphew.

Bob, and ex-serviceman of the Second World War, (Private R. Crossman, 6th Division, 17th Brigade), is married to Mary Sylvia with seven children, and four grandchildren. Both Bob and his good wife are well noted in the district for their charity work, and their willingness to help others in distress.

Bob, an ex-serviceman of the Second home at Culburra Beach, down the South Coast, where the sun shines most of the time.

God Bless you and yours Bob, and Good Fishing.



Best wishes to Mick and Cathy Burns on the birth of their son, Paul, a brother for Nicole. Mick is our Assistant Works Engineer. He hails from Broken Hill where he met Cathy. Cathy comes from Malaysia and completed her nursing training at the large Broken Hill Hospital under a Rotary International Scholarship.

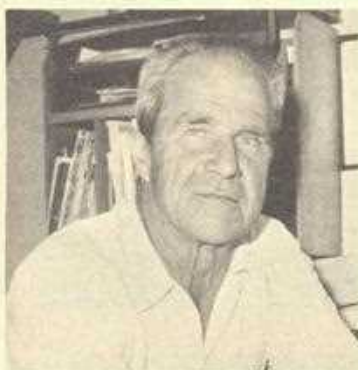
Mr. Ray Fuller, Assistant Works Accountant, is about to leave us for a short spell. We believe about three to four months. He and Mr. Noel Moss of Charbon Works are to "do a swap" to further their experience in their field of work.

Mr. Fuller is married, with two sons, aged four and one. He is also very accomplished in the art of dart throwing. So watch out all you guys at the Charbon Local.



Electrical Engineer,
Len Booth.

Heard on the grapevine that Len Booth now uses his electric fire to listen to the A.B.C. results of the World Chess Championships. If you are interested in how it is done, contact Len.



LOU STUMBRIS

Lou Stumbris, General Foreman in charge of General Works Maintenance has been employed on the Works since October, 1949. Lou came to Australia early in 1949 and commenced employment with the old Metropolitan Company as a carpenter employed on the construction of the original plant. Lou has no qualms about leaving his native Latvia, and has raised a family of three in the Picton District, two boys and one girl. His daughter, after attending Picton High School, completed her education at Sydney University and holds degrees in Arts and Anthropology. His main interest is around his home, which he has completely renovated in his spare moments.



ALEC MOONEY

Alec Mooney, Fitter and Turner, has seen the Company develop from stage to stage. He started at Maldon 18 years ago in 1956. Alec's interests are in the home and he is proud of his son who is a trainee Engine Room Artificer with the Royal Australian Navy. Before commencing at Maldon he worked as a Toolmaker and hails originally from Falkirk, the home of iron foundries in Scotland.



The display of Safety Signs and Notices throughout the Maldon Works are a constant reminder to all Works Personnel to take care and work safely. They are an integral part of the Works Safety Policy.

Here we see Herman Egbers, the First Aid Man, posing for us before the "Hard Hat" sign. Herman of Dutch origin arrived in Australia at the start of 1952. After moving around Australia for a while, he decided to settle in the Picton district and has worked for the Company for the last 5 years. His family of 2 girls and 1 boy are all married, and Herman enjoys being a grandfather. An ardent soccer fan, Herman follows the team his son played in for a number of years, Safeway United. He is also an active member of the Campbelltown R.S.L. Club.



RAY HADDOCK

Ray Haddock has been at the Maldon Works for 15 years where he is a Leading Hand Carpenter. As well as having a deep interest in fishing, he spends a lot of his leisure hours acting as Assistant Manager to the Picton Rangers Junior Soccer Team for whom his son plays.



QUARRY OLD-TIMERS

TOM MARSHALL

Tom started with Commonwealth Portland Cement in 1940. He joined the navy in 1946, returning to Portland in 1952 and has worked with the Company since that time. He was transferred to Marulan Quarry from Portland in 1972 and is at present on the staff.

PETER PLONSKI

Peter migrated from Poland in 1950 and started work with the Company a month later. He first worked as a labourer and later transferred to blacksmith. He is now working at the quarry as a fitter-welder and has 24 years of unbroken service.

BERT LEES

Bert started with the Company in 1951 and has continued working in the Quarry for 23 years. He has driven all the Quarry Plant, starting with the old Lima 2½ yard shovel and has taught most of the plant operators. He has seen many changes during his long service. Bert is undoubtedly a **SAFE WORKER** — he has never had a lost time accident.



LES WHYMARK, Burner No. 3 Kiln.



MARK DALY

Mark Daly one of the latest intake of Apprentices to the Electrical Department, joined the Company in January this year. He received his School Certificate at Picton High School and he finds that coin collecting absorbs most of his spare time.

IVOR WALKER

Ivor Walker after leaving the Army joined the Company 8 years ago. He worked initially as a Conveyor Attendant and is now settled in a position with the Mechanical Department as one of the Works Lubrication Personnel. Away from work his interest lies in pottering around his home in the Buxton District.



FAMILY SAFETY PAGE

What is the reason for so many young children being injured in the home? Dr. J. L. Pretorius, in an article published by Australian Family Safety, says that in his opinion there are two major reasons.

The first is that parents do not expect anything like that to happen to their children, and the second is the investigating nature of the toddler.

Let us look at the latter. To the crawler or toddler, the kitchen, the lounge room, and whatever lies behind the various doors are all places to be explored. Everywhere are strange objects to be pulled, licked, tasted or chewed. Usually the toddler decides to have a go at eating whatever comes to hand. He doesn't worry about the taste, he found it all by himself, and this is all part of the fun.

So what?, it means that medicines, make-up, floor polish, scouring powders, bleaches, fertilizers, insect and garden poisons, meths. and so on must be kept well out of reach and locked up if possible. Did you know that such a simple ordinary object as half a mothball can kill a child! Why do young children go to the trouble of climbing and reaching up precariously for objects that attract? Dr. Pretorius says "The same force that makes grownups strive to get stones from the moon makes little ones strive to get objects from cupboards or shelves."

Electrical appliances and cords should be continuously checked to make sure that there are no cracks or areas of poor insulation. Turn pots in such a way that little hands cannot reach the handles. Keep guards in front of open and electric fires.

Gardens should be fenced to prevent children from wandering into the streets. Swimming pools should be fenced to prevent children from falling in. Pools are especially dangerous during winter when no one thinks of looking there for a missing child.

When bath time comes, remember when running the bath water to run both cold and hot water simultaneously, or first the cold and then the hot water. A bath full of hot water can be a death trap should the child slip and fall in. The same holds true for Mum and Dad. Don't leave baby alone when bathing, drying or dressing in order to answer the telephone or door bell, especially if in the drying and dressing process baby is on the table.

Mums and Dads are welcome to write and tell us what safety measures they have taken to protect the family at home, when travelling or on holiday. Your experience can help others. Write short paragraphs and hand in to the magazine representative of your plant.

FISHY TALES

PORTLAND

A keen fisherman at the Works is Les (Curly) Cain who, with his son-in-law Barry Harding, is heading for Walgett and some wonderful sport. Les assures me that this is one of the best inland fishing areas in the State, and is well worth the 350 miles trip either way. Les tried another area just before Easter, a place called Euabalong on the Lachlan, where he had mixed success with yellow-belly, catfish and a 52 lb. cod. Les' comments on the current trip should make good listening on his return.

"JEWFISH BILL"

I worked years ago with a fellow named Bill, Whose skill at angling you'd rate about nil, With wistful eyes he'd listen to fish stories, And study the photos displaying their glories,

Then he got an idea and although it was wrong,

He reckoned he'd do it to impress the throng,
There in the shop window saw a fish of great size,
So walked in and bought it and went home with his prize,
Then posed in the garden at the rear of the house,
To be photographed there by his mystified spouse,
Next day at work Bill was feeling quite proud,
As he passed the print 'round to be view by the crowd,
Claimed it was a "Jew" he caught fishing one day,
At a spot that he knew somewhere in Broken Bay,
Bill might have won 'till Old Jack found it odd,
That the fish was no "Jew" but a huge Murray Cod.

W. FEATON — MALDON.

BERRIMA

WORKS MANAGER'S MESSAGE

At Berrima we have been used to being associated with B.H.P. the largest Australian Company. This edition of the Link signifies a further development in the progress of the Company in that we are now associated with Blue Circle, the largest cement manufacturing company in the world. Through the pages of the Link I hope we will come to know our fellow-workers, and also a great deal about the various Works in the Group, and be able to enjoy the sense of achievement that should be present as the new Group goes forward to bigger and brighter things.

However while these important events are taking place we at Berrima still have the day to day problems to deal with so that I would like to remind everyone of our very poor safety record this year with five (5) lost time injuries to date. We cannot afford to slacken our efforts on safety and no matter what events take place we must remember that while ever Berrima plant exists its guiding light is "SAFETY EVERYWHERE ALL THE TIME."

BILL GALE.



BILL PURVIS, General Manager Technology, and Michael Spurr, Director-Technical Services, recently visited Berrima. Bill Gale, Works Manager, is on the right.



Left:- Our Manager Quality Liaison, Mr. Jack Schott, has recently been elected Chairman of the Technical Committee of the Cement and Concrete Association of Australia. Jack has been an active member of this Committee for the past four years. Right:- Cliff White who has come to Berrima as Manager Research and Development. He has been in cement and concrete literally he reckons since 1951 when he finished a year's research at Sheffield University. He was Chemist at Tororo, Uganda, from 1951 to 1954 then went to Kenya for 12 years being Works Manager of a 400,000 t.p.a. plant from 1961 to 1966. Before coming to Australia in 1967 he had 8 months as Group Chief Chemist, Northern Area Blue Circle U.K. and was a Technical Executive for Blue Circle, Australia.

He has a son in the ANL Training as an Engineer and a married daughter in Hamburg. His main interests are Bird Watching, (the feathered kind), Bush Walking, Reef Diving, (warm water), Photography and Woodwork.

BERRIMA RIGGER MEMBER OF IMMIGRATION ADVISORY COUNCIL

In April of last year the Minister of Immigration, Mr. Al Grasby announced the establishment of a Community Relations Committee to enquire into all aspects of discrimination against migrants. This Committee is one of six, the latest being the Committee on Interpreter Needs. The six committees are standing committees of the Immigration Advisory Council.

At the time Mr. Grasby further announced the appointment of four new members of the Council, among them was Mr. Joe Bizjack, a rigger at the Berrima Works.

Joe came to Australia from Yugoslavia in 1951. He worked for a time at the Chullora Railways Workshop. It was at this time that his services as an interpreter were called upon by officials of the Shop Stewards Committee. At that time J. A. Mulvihill was one of the officials who recognised and valued the services of Joe. Senator J. A. Mulvihill is now Chairman of the Immigration Advisory Council.

Joe is serving on two Committees of the Council, namely the Community Relations Committee and the Committee on Interpreter Needs. Joe's experience first at Chullora, then as a waterside worker, followed by a period with the Snowy Mountains Authority, and now with Berrima has adequately prepared him for membership on these Committees.



The Committee on Interpreter Needs has been responsible for a great improvement in communications with migrants who have little or no knowledge of the English language. Lack of adequate communication in the past has often caused misunderstanding, unhappiness and discontent.

Meetings of the Advisory Council and Committees are held regularly in the various State capitals and in Canberra.

Joe is confident that guidance from the Committees and Council will be wonderful help in the integration of Australians of all nationalities.

The fact that Joe is a family man with a wife and four children gives added experience that will no doubt help in the suggestions he makes in committee.

All the best Joe, as you work for the New Australians.



Ian Cairns says farewell. Ian has been transferred from Berrima to B.H.P. John Darling Colliery and will serve as Assistant Mechanical Engineer.

BERRIMA HAS QUITE A LOT GOING FOR IT

Situated as it is in the picturesque Berrima District, it enjoys the best of both worlds. To live in the country, within easy driving distance of Sydney, Wollongong or Canberra makes our everchanging weather seem less a problem and more an excuse to take an occasional run.

At home on the Plant we have our newly formed Recreation Club, (of which we expect big things, both in sports and social activities), our Credit Union, Sick and Accident Fund, Picnic and Dinner Dance Committee are all doing well.

An introduction to each might be in order at this stage:-

The club occupies the former Works Hostel building in Taylor Avenue, New Berrima, and boasts the best cricket oval in the district, a legacy from the original SPC Cricket Club. It has already fielded three men's and one women's hockey team in the local competition, has a representative volleyball team and is at present promoting a tennis club, squash and social golf clubs. In addition work has already commenced on two new sports fields suitable for hockey and/or soccer.

On the entertainment scene, Talent Quests for both adults and children have been extremely successful. Standing-room-only is the order of the day and nothing short of a packed house is allowed by our entrepreneur "Mandy."

SPC Employees' Credit Union has been operating for eleven years and has grown from its humble beginnings in the Plant to a highly efficient, district-wide, business organisation. Owning two adjacent properties in Moss Vale, it provides much of the district's needs in Consumer Credit, as well as a convenient way to save and manage money.

Sick, Accident and Welfare Fund. The name is self-explanatory. It fills the gap when trouble strikes and provides the helping hand which makes the wage-earner sleep a little more peacefully at night.

The Picnic Fund takes care of that special, once-a-year, day. "The Children's Christmas Party," with approximately 600 to be fed, entertained and children's presents to be provided for, this is one Committee which has no room for lead-swingers.

Little Brother of the team is the Dinner Dance or Social Set, but if we judge by last year's performance, Little Brother is starting to grow up. Each year has been more successful than its predecessor and last year's effort — WOW!



Retirement "Well known and well liked" is a description fit for my friend and fellow worker, Bill Miller, from the Painting gang. Bill retired on May 17th and says his one regret is that he did not start at SPC earlier in life. Best of luck and good health in the coming years Bill.

BERRIMA GRAPEVINE . . .

John Long and Peter Knowles attended a seminar on "Safe Abrasive Practices in Industry" held at Sydney Showground on Wednesday, 24th April. The seminar was organised by the N.S.C.A. in conjunction with Australian Abrasives. The programme covered safe handling, usage and storage of all abrasive grinding wheels.

Sid Carey, here's a message for you: Don't forget to keep on taking those tablets!

Holidays are in the news. Jim Galloway, Apprentice Training Foreman at Berrima is sporting a new suntan from Tweed Heads where he met ex-employee Bill Rutter. We complained about the 40 inches of rain we have endured so far this year till we heard of Bill's plight. He suffered a heart attack while the Queensland floods

were at their height and consequently could do nothing to save much of the furnishings in his new house, and when last heard of was still living in the caravan, waiting for new mattresses. Jimmy Colquhoun was more fortunate and word is that he is fully occupied in the Motel business — That's Retirement?

Jack King, storeman, made it home from New Zealand, where he and his good lady had an enjoyable stay. He was most impressed with Rotorua and is seeking an import licence for the steam jets used for cooking. Perhaps they might make a clean swap for your stock of garlic, Jack.

The Machine Shop deserves a mention. Graeme Morris toured Tasmania and is full of praise for all except the price of a six-ounce. The quality must be acceptable as he claims he would like to go back again.

Bill Poland, Machine Shop Foreman, is not so happy. Bill is a keen golfer and his Long Service Leave was marred by torrents of rain. So much in fact that even the 19th hole lost its appeal.

There are several faces missing and some new ones to be seen in the General Office these days. On the missing side are Yvonne Tribel and Malcolm Philip. Yvonne was in the typing pool and has left us to take up secretarial duties at the Mushroom Farm at Mittagong. Malcolm was in the Accounts Department and has gone back home to Melbourne although a proposed trip to America in the future is in the making.

Christine Burnham of Werai is the new voice replacing Michele on the Switchboard. Previously Christine worked at Burton of Bowral Travel Agency.

Rosemary Sloan of Sydney is now in Timekeeping. Previously Rosemary worked at Duffy's P/L as Paymistress. She has taken up residence at Robertson.

Just returned from a two week holiday at Coolangatta (and sporting a good tan) is Chris Thomson from the Typing Pool. Chris went with a girlfriend and is already considering going back next year!

Another new starter to join the fold is Bruce Edwards of Mittagong. Bruce has taken Malcolm's place in Accounts Payable and previously worked at the Co-op at Bowral.

BILL STRONG, Berrima representative of the Monthly Link, recently promoted to Acting Foreman of the painting gang. Congratulations.



MICHELE PEDERSEN, late of the Berrima Switchboard, says farewell. She is now touring Europe.



ROSEMARY SLOAN

CHRISTINE BURNHAM



Farewell to Gail Linton who left the Machine Room to become a full-time homemaker.

HELP!

Ladies; this is going to be your section.

Wives and daughters of employees and all female workers, wherever you may be employed in the Group, we need your help!

We need brief articles or paragraphs on any of the following topics. (Clear photographs related to your subject may also be submitted if you wish.)

Anecdotes:- Funny sayings by husbands, boyfriend or children.

Grapevine:- Humorous "tidbits" about happenings to you or others whilst at work or play or at home.

Recipes:- Favourite tried and true recipes, hints and suggestions should have been tried, tested and proven by the person submitting them; this section is also open to men who take an interest in the culinary arts.

Books:- Any books which you have read and enjoyed recently and can recommend. Perhaps with a small synopsis or review, verses, poems, thoughts or prayers that you have found helpful. If they have been written by you so much the better. If not, care must be taken not to infringe copyright. If an author is known to be dead it is fairly safe to use his writings. If not, it is advisable to contact the publishers, and

when permission is received to give acknowledgement both to author and publisher.

Children's problems:- For example, when moving to a new environment, or when there is a new baby in the house. On the other hand it may perhaps be problems encountered with regard to difficulty in learning to read, and so on. Thoughts on everyday living and problems humorous or otherwise).

Ingenuous Inventions:- Some simple invention you may have devised for use around your home. Something that has proved to be any of the following: economical, time saving, to have many uses, space saving, a short cut to many of the tedious household chores etc.

The above have been suggested by some of our female staff in Berrima and Sydney.

If you have any ideas which you feel would add to the interest of this section, we would be happy to hear from you. Send to:-
Magazine Submission
C/- Mrs. J. Bytala
Blue Circle Southern Cement Ltd.
Box 1571, G.P.O.,
SYDNEY, N.S.W. 2001.

We hope for a good response to the "Womens Section" as we feel this could eventually grow into an eagerly awaited and "FUN" page for all.

The woman was greatly annoyed because her husband obviously enjoyed being crowded next to a pretty blonde in the lift. Suddenly the blonde turned round, slapped him and said, "That will teach you to pinch girls!"

As the couple got out of the lift the man said to his wife, "But I didn't pinch her." "I know" said his wife, "I did."

After having run into a wild crowd at the football match, one evening, the referee told his wife that it might be better if she stayed away from the remaining matches to which he was assigned.

"After all" he said, "it must have been pretty embarrassing to you when everyone around you stood up and booed me." "It

wasn't so bad" she replied, "I stood up and booed too."

It's easy to spot a married man. He's listening.

There are many more important things than money. It's just that you need money to buy them.

TOO EFFICIENT ?

Mr. C. C. Cheyne, General Manager of Swan has had many complaints about the precipitators at the Rivervale plant. Apparently, as far as the fishermen are concerned, the collectors are just too efficient! They complain that they cannot now see which way the wind is blowing!

JUNIORS PAGE

Guglielmo Marconi.

Perhaps ever since you can remember, you have known television in your home, and of course radio, but it is really not very long since television first came to Australia. When I was a boy, radio was the new thing. Long wires stretched between two high poles were the aerials. The higher the aerial the better the reception. In England many homes could not afford to have radio. I was twenty years old when I managed to buy a home made radio from a friend.

I started thinking about radio because one hundred years ago Marconi was born in Bologna, Northern Italy. He was fortunate in that as a boy he had private tutors, and that he had a desire to learn. His father had an excellent library and this Marconi used to great advantage.

When he was sixteen years of age he proved his theory that an electric current can pass through most substances without difficulty. He also demonstrated that an electric current will travel in a direct course without a conductor if it is started in a particular direction.

Four years later at the age of twenty, he demonstrated the transmission of signals by using electric waves. He also proved that the higher the aerial or antenna used, the greater the distance of communication. He was convinced that there was a great future for this new means of communication, but no one seemed interested, so in 1895 he went to England.

Soon after his arrival he was granted the first wireless patent, it was Patent No. 7777. The following year the first wireless company was organised for the specific purpose of installing wireless in the lighthouses along the English coast. In 1889 a severe storm struck the Goodwin Sands lightship off the English coast. The vessel reported its plight by wireless to a nearby station; and help was immediately sent.

Marconi continued his experiments and was soon able to send a message a distance of eighteen miles. In 1899 two British warships exchanged messages from 75 miles apart.

Soon after Marconi was invited by the Italian Government to return to Italy, and on his arrival he received a Hero's welcome.

Back in England in 1901 Marconi supervised the building of a sending station in Cornwall, with the idea of attempting to

send a message across the Atlantic Ocean. He then went to Newfoundland and built a receiving station near a place called St. John's. On December 12th, 1901 the signal was sent from Cornwall, and clearly received in Newfoundland 2000 miles away.

In 1902 Marconi demonstrated that wireless messages could be sent over greater distances during the night than the day, and in 1905 he patented the horizontal directional aerial.

During World War 1, Marconi began experimenting with shorter wave lengths, which minimised the danger of enemy interception of radio signals.

In 1920 the Australian Opera Singer, Nellie Melba, made Britain's first advertised public broadcast from Marconi's factory near London. Australia again figures in another of his triumphs when in 1930 Marconi switched on the lights of Sydney, Australia from a boat in Genoa Harbour.

Marconi again returned to Italy some years before his death on July 20, 1937. In commemoration radio stations throughout the world closed down for two minutes. The airwaves were as silent as they had been before his birth.

SMILE AWHILE . . .

After watching a cricket match in Dublin's Phoenix Park, a New Yorker wrote to a friend about the game:

"You have two sides, one out of the field and the other in. Each man in the side that's in goes out and when he's out he comes in and the next man goes out until he's out."

"When the side that's in is all out, the side that's been out comes in, and the side that's been in goes out and tries to get out the one that's coming in. Sometimes you get men still in and not out when the side that is in is finally out."

"When both sides have been in and out, including those not out — that's the end of the game."

A newspaper features editor buzzed his newspaper's picture library and asked whether they had any photographs of the Dardanelles. "Are they a pop group?" asked the youth who answered the phone.

KOORAGANG

Below:- Kooragang Office Building



GENERAL MANAGER'S MESSAGE

It is with immense pleasure that we at Kooragang Cement accept the opportunity of being able to subscribe to your regular Group Magazine.

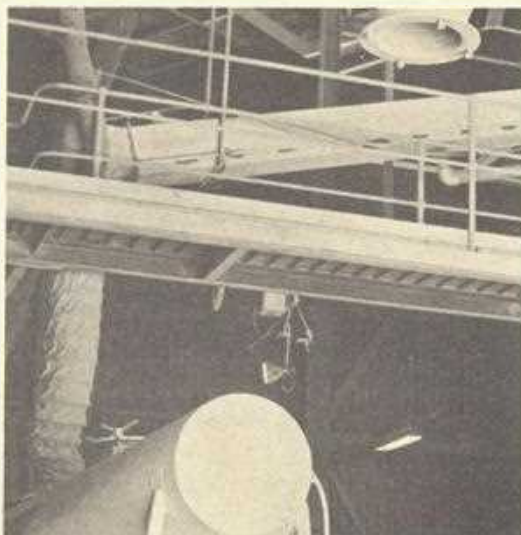
As this will be the first magazine under the "new flag" I personally feel honoured in forwarding Kooragang's initial subscription.

We at Kooragang are a small cog in a big wheel, but we feel it is a vital cog.

The total number employed at the Grinding Plant is twenty three and next month I will begin to introduce you to its employees so that you may get to know a little more about the personnel.

Should you be passing through Newcastle feel free to "drop in" and introduce yourselves. We would be only too pleased to extend the hand of friendship to brother employees.

Brian Sanders,



BULK LOADING SECTION



Bill Byrnes, Works Superintendent, explains Kooragang's clinker handling to Bob Strode of Berrima.

WAURN PONDS

WORKS MANAGER'S MESSAGE

One of the benefits of the recent merger of APCM(A) with Southern Portland Cement Co. Pty. Limited, is the decision to enlarge the scope of the Southern House Magazine to encompass all Works within the new group. The magazine has been published regularly for a number of years at Southern and has become a most valuable means of communication within this Company. Its enlarged scope will, I am sure be of great benefit to all personnel at Waurm Ponds as well as throughout the group by promoting a better knowledge and understanding of the Company we work for and of the people within that Company.

Each Works within the group will be contributing through their Works Correspondent to the Editor, Mr. Chris Knowlson at Southern for Waurm Ponds Frank Jensen will be responsible for collection of material and Max Beacom for photography. I would ask that every assistance possible be given to Frank and Max in their tasks so that our contribution to each issue will be an interesting and worthwhile one to a magazine which I am sure you will find of great value.

CLIVE LANGLEY.

Right:- The General Office and surroundings.

Below:- Gordon Warner and Fred Johnson hard at work.



Jim Dunstan on the forklift.



John Yates — Works Accountant.



G. Belloggia on the bagging machine.



Frank Jensen, Personnel Officer and Paymaster. Frank is also representative of Link.



Max Beacom, Pay Clerk and photographer for Link.



Les Mervin, Despatch Clerk, moving into the Sales team at Head Office.



Chris Morgan, Assistant Accountant.



Mrs. Marie Dunstan, Senior Typist.



Val Bounds, Typist-Memorex Operator.



Mrs. Jill Ottis, Temporary Typist-Clerk.



Mrs. Julie Asplin, Clerk.



Marianna Wulf, Receptionist.



LEFT —

Garry Hinton of Berrima recently spent four days on a visit to Warrumbidgee. This was an award in recognition of his success in gaining the 1973 Apprentice of the Year at both Goulburn and Wollongong Technical Colleges.

SPORT

PORTLAND

On the 23rd June, Portland Works will play host to members from Charbon, Maldon and Berrima Works at a Sports Day and Barbecue. Golf, Bowls, Darts, etc. will be played and the barbecue will be held at the Bowling Club at lunch-time. This is a family day, and it is hoped that there is a good roll-up as everyone can be assured of a wonderful time.

MALDON

Our golfers are making a clean sweep at the local course. Des Ryder, Laboratory, Reg Moverley, Works Chemist, and Wal Cheal, Shift Foreman, are making a new name for themselves in this sport. I believe the term is "bushranger", and so as not to let the men outshine the ladies in the field, Mrs. Reginald Moverley had a hole-in-one, well done Win!

After a savage soccer match against Mt. Pritchard on 11-4-74 we had quite a few bodies drag themselves to work on Monday morning. John Reed, Stock house, has kept the "band aid" man busy with his request for headache pills, whilst Brian Porteous, Electrical Fitter, looks as if he has been through a chaff cutter. Apprentice fitter machinist, Rodney Hanger is definitely NOT WELL. Of course we won

Mr. Charles Vyse, Pay Office, has been getting in a lot of practice for the dart championships at the pub. Our money is on you Charlie

BERRIMA CRICKET CLUB ANNUAL DINNER

Held at the popular Moss Vale Services Club, the Cricketing Award Night was enjoyed by all cricketers, cricket widows, and supporters. All the top brass were in attendance but a lack of formality ensured enjoyment for all. A sad note was introduced when Club President, Lloyd Veal, who shared Guest of Honour spot with his charming wife, announced his retirement from the game. But, as the Club's No. 1 Life Member Tarn Wrightson commented, "After 33 years of SPC cricket, I've seen decisions reversed before!"

Awards were as follows:

Most wickets during season, L. Veal.

Bowling Average, K. Whalen.

Batting, J. Yardi.

Fielding, W. Hutchings.

Catches, W. Hutchings.

Most Sixes, G. Peters.

Special awards were made to the following:

Clubman award: to Stewart Easter by unanimous acclaim.

Most Outstanding Performance: to Geoff Peters — 7 wickets in one innings for 41 runs. Those clubs wishing to challenge, please take note.

Keenest and Most Helpful Supporter: to Master D. Robjert for his willingness to help out with scoring and many other tasks.

Formalities were ended with a presentation by Club Captain Kev Whalen to Mr. and Mrs. Veal.



MR. & MRS. L. VEAL.



GEOFF PETERS.

DICK IS B.H.P.'s SUGGESTOR OF THE YEAR

by BILL RUNGIE

At a special celebration on Tuesday, 16th April at Newcastle, Dick Bryant, a Leading Hand Fitter, at Marulan Quarry, was presented with an Award of \$500 for being the Suggestor of the Year for 1973 for the B.H.P. Group of Companies. The function was held to celebrate fifty years of Suggestion Schemes in the B.H.P. and also to present awards to the top Suggestors in the Company for 1973. Dick attended the function with his wife, Dianne and, together with other Suggestors and their wives, heard Mr. Ces Hall, the General Manager of the Newcastle Steel Works, explain that the first Suggestion Scheme in B.H.P. was commenced at the Newcastle Steel Works in April, 1923. The Scheme aimed at encouraging employees to think critically about their jobs, to think about work safety and to think about work efficiency and cost reduction. It encouraged this thinking by awarding to employees with useful suggestions amounts of money which related to the cost saving made through the

use of the suggestion.

Dick Bryant's suggestion was made in relation to the Terex Endloaders at Marulan Quarry. A lot of trouble was being experienced with the hydraulic arms which control the huge bucket on the Terex End Loaders. When the bucket was tilted to a certain position, the piston would hit the end of the cylinder and damage it, resulting in costly replacements and down time for the machine. Dick's suggestion was to weld in two pieces of plate which stopped the bucket reaching this position, thereby eliminating the damage. The final award made to Dick by S.P.C. was \$1,425.

When Dick received his \$500 cheque he also received a Silver Salver to commemorate his being the B.H.P. Suggestor for 1973. In addition he received a Gold Watch from S.P.C. for being their Suggestor of the Year in 1973.

In presenting the Award, Mr. J. McNeil, the Managing Director of B.H.P. said that the Suggestion Scheme was a means of providing an outlet for the talent and attitude of discovery in the Organisation.



MARULAN GRAPEVINE . . .

Some time has elapsed since our last Newsletter. During that time Barry Armit has transferred to Whyalla and Dave Perry, formerly of Berrima, has moved to Marulan as Assistant Supervisor.

Russ Holt has left the office and will be working on his parents property. Cheerio and all the best, Russ.

Chris Jones is now in the office. He has moved into Marulan South with his wife and two children. We extend a hearty welcome.

The young ladies of the Marulan District Youth Club won the Grand Final of the E Grade basketball in the Goulburn competition by one point. The five members of the team connected with the quarry were Mrs. Terry Bell, Mrs. Don McCallum, Linda Bell, Mrs. Anne Pearson and Jill Siler. A victory dinner was held at the Ampol cafe in Marulan.

Robert Delderfield attended the combined Secondary School Canoeing Title competition at Nimboider near Grafton. He was in the K.I. team that won the gold medal and he won the silver medal in the individual under 15 K.I. event. Congratulations Robert.

SAFETY GROUPS UP TO MAY 15TH

Group 1	—	844 days.
Group 2	—	814 days.
Group 3	—	1681 days.
Group 4	—	580 days.
Group 5	—	600 days.
Group 6	—	208 days.
Group 7	—	1340 days.

Unfortunately on this date a lost time accident occurred. The whole plant had 258 days up and of course went back to start again.

MECHANICAL CAREER

Peter Wall, grandson of Tom and Mrs. Sharkey of Marulan, was very successful in his Higher School Certificate.

He also won scholarships to Sydney University for science and to Teachers' College. He was offered a cadetship with the Metropolitan Water Board, also a Mechanical Engineering Cadetship with B.H.P. at Port Kembla which he has accepted. He is now attending Wollongong University.

Peter was also awarded the Citizenship award at Holroyd High School, the school he attended for his education. Congratulations Peter!

Marulan Quarry in 1961, recently passed away. He kept busy working around the home until very near the end. His grandson Russell Bell is an apprentice carpenter at the Quarry. Tom started on the Jackhammer, later becoming Powder Monkey and latterly Crusher Attendant. To his wife and family we extend our condolences.



At the Cricket Dinner. Left to right:- David Parker, Purchasing Officer, Berrima. Mr. & Mrs. K. Whalen, Mr. & Mrs. L. Lansdown.

RIVERVALE

EXTRACT FROM A LETTER RECEIVED

Extract from a letter received from Mr. H. J. Martlew, Works' Manager, RIVERVALE, W.A.

It was a great pleasure to receive the inaugural copy of the new House Magazine which, I feel sure, puts everyone in the picture regarding all the changes which have been made during the recent merger and, although we are only an associate of your Company, the coverage given to our plant was very welcome by all Staff and employees.

We feel sure that, given a little more time, great enthusiasm will be shown in contributing articles to future editions and I can assure you we do get some very "fishy" tales at times.

I am enclosing three photographs of recent developments, hopefully for inclusion in your next publication, and will endeavour to forward to you for future publication other views within the plant, as most of your readers will not have had the opportunity of viewing our Works in Perth.

Our best wishes for the future of all publications which, I am sure, will give everyone a much better feeling of belonging within the one organization, in spite of the distance involved.

H. J. MARTLEW.



WILLIAM R. WILSON, MBE

Mr. Bill Wilson was appointed Safety/Welfare Officer with Swan Portland Cement in January, 1974. His duties have now extended into the fields of personnel, training and security.

He was educated at Wesley College, South Perth, and later became a representative for a leading wholesale drug company in Western Australia.

He enlisted in the Citizen Military Forces, (Royal Australian Infantry), in June, 1948 and later served as a Warrant Officer with the Regular Army. He was awarded an MBE in January, 1964. Although he retired from full time service in January of this year he has continued in an active capacity with the Army Reserve.

Mr. Wilson is a Fellow of the Royal Commonwealth Society and a member of several Lodges and Associations.

Since his appointment he has successfully completed a full time Industrial Safety Officer's course. Note:- Mr. Bill Wilson has submitted an excellent article on the History of Wine, the first part of which will be published next month. He is a member of the Wine and Food Society of Western Australia.

Section of central room. Left to right:-

1. Raw mill control and recording, above which is a television monitor which shows automatic scanning of all factory roofs and possible emission points, so that immediate action can be taken in case of any faults.

2. Five cement mill controllers and recording.

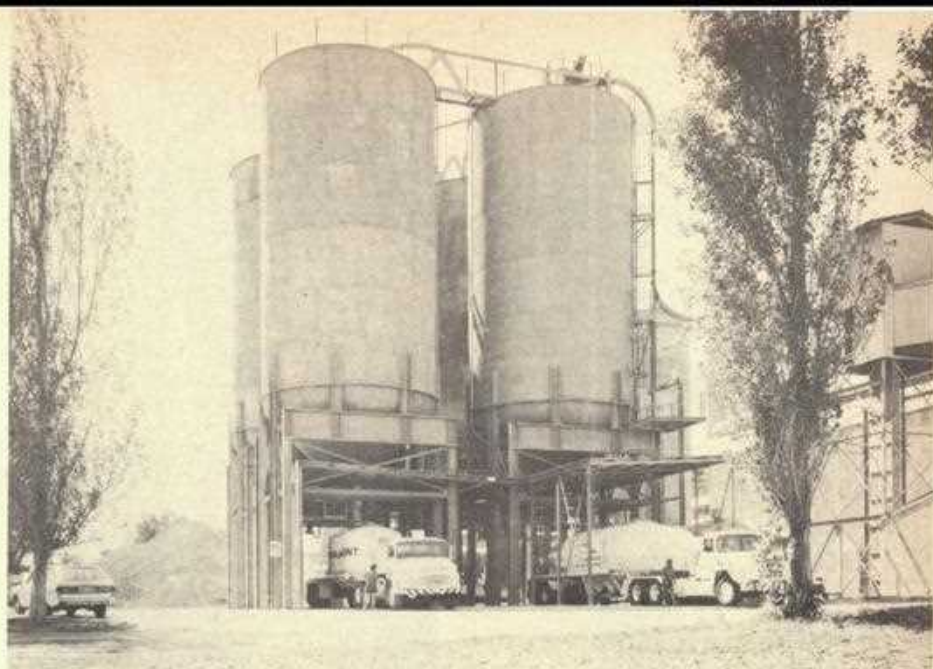
3. No. 4 clinker kiln.

4. No. 3 clinker kiln.

5. Not in the picture—No. 1 kiln and precipitator control.



New bulk loading facilities, together with part of Swan bulk loading transport.



R. K. Lemmey, Detail Draughtsman.

R. G. James, Project Engineer.

W. J. Matheson, Technical Representative.

R. W. Hopkins, Sales Manager.



G. Francis — Despatch.

D. Scott — Assistant Chemist.

B. Arnall — Laboratory Supervisor.

P. Martin.

A. Healy — Foreman Boiler Maker.

B. Lees — Foreman Fitter.

T. Brown — Stockhouse.

S. Dootson — Foreman Electrician.

S. Zinko — Fitter.

GARDENING NOTES FOR JUNE

FLOWERS: SOW: Alyssum, Antirrhinum, Candytuft, Carnation, Dianthus, Godetia, Larkspur, Linaria, Lupin, Nemophila, Pansy.

PLANT: Anemone, Antirrhinum, Carnation, Calendula, Iceland Poppy, Pansy, Primula, Polyanthus, Ranunculus, Stock, Viola, Wallflower.

VEGETABLES: SOW: Broad Beans, Onions, Peas, Parsley, White Turnip.

PLANT: Asparagus, Eschalots, Rhubarb, Berry Fruits, such as Gooseberry, Currant, Raspberry, Loganberry, Boysenberry, Deciduous Fruit Trees.

Welcome to all gardeners connected with Blue Circle Southern! Differences in climate will have to be taken into account with these gardening Notes, as they are primarily written for cold climate gardeners, our altitude being over 2,000 feet. Gardeners on the coast will not have to battle with frosts, but sea-winds and salt air will prevent some of the cold climate plants being successful in those areas.

Over the past six months we have had cloudy skies, fogs and either drizzle or heavy rain right down the East Coast and adjacent tablelands. Altogether, months in which gardeners have battled with "Wogs", Weeds and Weather, as well as all the moulds and mildews that it is possible for plants to develop.

The Autumn colour in Cherries, Maples, Oaks, Ash, Elms, Liquidambars, Parrotias, and Flowering Pears, was particularly good this year. We missed the spires of Gold of some of the taller Poplars, but there are some varieties still not affected by Poplar Rust and these seemed brighter than usual.

June is officially the beginning of Winter and frosts are with us once more. This means that the only Autumn colour left is in very protected corners.

Plant Roses, Evergreen and Deciduous Shrubs and Trees this month also Fruit Trees.

Commence pruning fruit trees now, but leave pruning roses until late July. When pruning make sure that tools are sharp and have some disinfectant handy to dip tools after pruning any diseased plant. Cut out dead and decaying wood, making sure all cuts are as close to the junction with the branch as possible. Burn all diseased prunings.

Gladioli corms can be planted this month, preferably in ground where they have not been planted before. Dig over empty flower and vegetable beds, leaving them "in the rough" to allow frost to penetrate the soil.

Check tools, stakes and labels now, ready for Spring plantings. Bait for snails and slugs, which will be busy whenever we get a warm day or two.

GARDENING NOTES FOR JULY

FLOWERS: SOW: Antirrhinum, Aquilegia, Carnation, Cosmos, Dianthus, Gaillardia, Godetia, Gypsophila, Larkspur, Lupin, Clarkia, Salpiglossis, Statice, Sweet Pea.

PLANT: Antirrhinum, Anemone, Bellis perennis, Canterbury Bells, Delphinium, Iceland Poppy, Pansy, Ranunculus, Stock, Viola.

VEGETABLES: SOW: Broad Beans, Celery, Lettuce, Onions, Peas, Radish, Herbs, Parsley, White Turnip.

PLANT: Asparagus, Artichoke, Eschalot, Garlic Rhubarb.

Continue planting Deciduous Shrubs and Trees, also Deciduous Fruit Trees, this month. Evergreen shrubs and trees can also be planted or moved into new positions before the Spring growth commences. The division and replanting of perennial plants can be carried out now and all perennial borders should be given a good dressing of complete fertiliser.

Fruit tree pruning and rose pruning should be finished this month. Give all these trees and shrubs a good Winter strength spray now to get rid of fungus diseases. Flowering Apricots will bloom this month, followed by Flowering Almonds early in August.

This is Violet month when these old favourites come into bloom once more. Give Rhododendrons and Azaleas a good dressing of peat or compost now to conserve moisture, as these plants have only very small balls of fibrous roots.

Rake the vegetable garden beds evenly now, adding fertiliser and commence sowing in readiness for Spring growth. Bait again for slugs and snails as they love the new growth on hyacinths and any newly planted seedlings.

PUZZLE PAGE

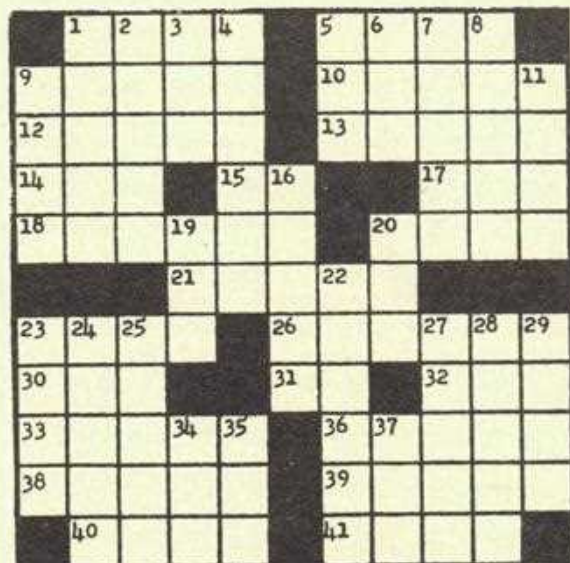
No. 1

ACROSS

- 1 Steamed pudding
5 Carry
9 Hue
10 Apportion
12 Admission
13 Friend (Span.)
14 And not
15 Roman 2
17 Entreat
18 Teaches
20 Ventilates
21 Eyes amorously
23 Break of day
26 Sell abroad
30 Devoured
31 Musical tone
32 Leguminous seed
33 Commonwealth

DOWN

- 36 Hot vapor
38 Refuge
39 Waterproofed canvas (pl.)
40 Peruse
41 Mineral springs
1 Giver
2 Extreme
3 In place of
4 Cooking in fat
5 Sheep's bleat
6 Shade tree
7 Excuse
8 Baseball's Maris
9 Penny
11 Clothing
16 Small island
19 Charged atom
20 Egyptian snake
22 Continues to be
23 Short fast race



- 24 Fragrance
25 Form cloth
27 Musical drama
28 Harvests

- 29 Scottish caps
34 Oolong beverage
35 Cease
37 Spigot

CROSSWORD No. 1

Entries must reach your representative on or before 24th June, 1974.

First Prize: \$5 Second Prize: \$3.

Third Prize: \$2.

Also 5 consolation prizes of \$1 each.

WHERE TO SEND YOUR ENTRY. The above prize list will apply to each plant or group and entries should be sent to your representative. For instance for Portland, to Ken Patterson, for Charbon, to Bill Blain, and so on. All representatives are listed on the inside of the front cover. If you work at Kooragang, in a bulk or bag depot, or in Sydney office, send your entry to Bill Rungie

at Sydney Office. Workers in Melbourne Office send to Frank Jensen at Waurin Ponds. All employees and members of employees' families are eligible to enter. All entries are checked and numbered. Then winners are drawn and prizes awarded accordingly.

NEXT MONTH THERE WILL BE A NEW COMPETITION BY IAN DICKSON, COSTS SUPERVISOR, BERRIMA.

If you have an idea for a competition, write to the editor.

PS

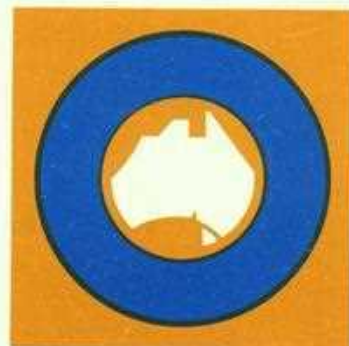


"STORM AND SUNSHINE." PHOTOGRAPH TAKEN FROM THE WORKS
OFFICE, BERRIMA.

BLUE CIRCLE SOUTHERN

Vol. 1. No. 2.

JULY, 1974.



MONTHLY LINK

BLUE CIRCLE SOUTHERN MONTHLY LINK

VOL. 1. No. 2 — JULY, 1974

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FROM YOUR MANAGING DIRECTOR

Now that the monthly "Link" is launched, I would like to emphasise that the whole reason for this newsletter is to allow for effective communications between the various corners of our group. Please therefore make use of your local representatives to provide material through to the Editor Chris Knowlson to ensure that we maintain the high standard established in the first issue.

You will probably all be aware that during the last month a major safety survey was undertaken to identify our major problem areas and ensure that we all work in a safe environment. To create a safe plant, obviously involves commitment by the Company and I can assure that this commitment is real. However, no plant will be really safe unless all of us practice safety and also are forever watchful for hazards and/or dangerous practices that could lead to accidents.

Our safety record is significantly better than it was for the same time last year however we still have a long way to go and I ask for the co-operation of every employee in helping us to continue to improve. We must have a positive approach to ensure the safety of ourselves and our colleagues.

Each of us has more than enough problems to cope with in our normal day to day living without adding to it in the problems of incapacitation due to an accident at work.

Managing Director.

Eric Taylor

EDITORIAL

Many years ago I remember hearing a poem recited at a concert. The words and expression impressed the message on my mind. The story portrayed how sharp, thoughtless words spoken by a settler caused the death of his young wife. The two lines of the poem that impressed themselves on my mind were as follows:-

Boys flying kites haul in their white-winged birds.
You can't do that way when you're flying words.

True it is that words spoken quickly without thought can cause a great deal of harm, and how many of us can screw up the courage to apologise? Even then we cannot really bring back the words. Certainly most of us, perhaps, need to stop, cool down and think, before we speak.

A. P. Cronin, the writer, tells of his experience when a medical student. He was serving as hospital assistant to a famous surgeon. In his anxiety to please, the young student occasionally made mistakes. This brought forth the rebuke from the famous man, "You will never be a surgeon." The words haunted him, so that when eventually he graduated as a doctor of medicine, the words he had so often heard from the surgeon brought the conviction that he might get along as a general practitioner but he would never be able to undertake major operations.

Soon after, he was practising in a remote country area. During a snowstorm a tree fell on a young man and on examination it was clear that three or four thoracic vertebrae were shattered. The phones were dead; he couldn't get the surgeon he needed. The boy's father had faith and conviction. "You must do what has to be done yourself, doctor." The equipment was meagre in the cottage hospital. The hospital Sister was a little elderly Highland woman and she set about preparing for the operation.

As Dr. Cronin prepared to make the first incision, he heard again the contemptuous voice of his old chief, "You will never be a surgeon."

Then something happened. He saw again the pleading faces of those country people who trusted him, the contemptuous words that had haunted him were forgotten, the operation was a success.

Dr. Cronin afterwards said: "Never again will I say I can't do it.", but only, "I will do my best."

Hurtful, needless words and contemptuous actions can have disastrous results. Dr. Cronin was fortunate. The drastic circumstances and his concern for the family he knew helped him break the chains of the inferiority complex that bound him.

It took longer for a small boy who made a toy boat out of a piece of wood and some bits of cork. He brought it in proudly to show his dad and the visitors. Evidently this dad was not worthy the name, for he laughed at the boy's efforts, and his friends laughed with him. The child went out, tore the boat to pieces and it was years before he recovered from his inferiority complex.

Boys flying kites haul in their white-winged birds.
You can't do that way when you're flying words!

or . . . actions!

Well, not very easily.

MR. DENNIS DALGLIESH

Mr. Dennis Dalgliesh visited Berrima a few weeks ago. At that time some of us made his acquaintance and the editor was able to get the above photograph.

Dennis was recently appointed Manager Group Administration after 15 months as Assistant to the Managing Director.

Prior to emigrating to Australia in 1969 Dennis was Group Secretary for a multinational Company operating from London.

He has had a fairly wide business experience in personnel, marketing, production and Corporate Secretarial Work in Life Assurance, chemicals, oil and steel, before entering the cement industry in 1972.

Dennis co-ordinated the re-organisation of Head Office accommodation in order to welcome the S.P.C. Sydney Staff to Portland House — and a smooth operation it turned out to be.

Dennis is married and has six children, four boys and two girls. His major hobbies are Bridge and Rugby Union.



PORTLAND



*The lawns and gardens form a pleasant introduction to Portland Works.
On the right is the office building.*

PORTLAND

SAFETY

Our safety record is not proceeding as well as we had hoped it would, although our lost time accidents at this stage total three less than for the corresponding period last year.

Our long awaited "Tigers Heads" have finally arrived and with these to be used extensively to define hazards, it is hoped that less accidents will happen.

It is felt that a contributing factor towards accidents in this area at this particular time of the year is the very low temperatures normally experienced at the beginning of the day's work. By a low temperature we mean something in the vicinity of 1°C.

Talking of cold weather we had our first snowfall of the year on Saturday, 25th May. About 8 inches fell and the ensuing rain and cold winds made conditions most unpleasant.

SICK LIST

We have missed the cheery face of John Glazebrook over the last week following his accident. We wish you a quick recovery John.

Back at work following accidents and hospitalisation are Ernie Cole and Tom McCauley, also Jack Miles. It is also good to see Dan Sheehan back after a long illness.

SPORT

The final of the Portland Golf Club Championship for 1974 was played between Nev Whalen and Kerry Stait, both employed at the Portland Works. On a course waterlogged by persistent wet weather, and in cold, windy conditions, Nev ran out the winner by 3 strokes to take his first championship. Congratulations Nev, and commiseration Kerry for your second consecutive "runner-up."

DEPARTURE

We wish Des Lake well in his new venture at Belmont, south of Newcastle. Des was with the Portland Works for close on 15 years, and was perhaps best known for his prowess as the driver of a small front-end loader.

NEWCOMERS

We welcome to the Works, John Davis (Powerhouse), Brian Heath (Cement Production) and Peter Rowland (Lime Plant). We hope that you enjoy your stay with us.

TRIPPING

Back from Overseas trips are Jack Allen from the Powerhouse and our Assistant Works Accountant Gordon McRae.

Gordon and his wife spent a fabulous (Gordon's own word) 15 days in South-east Asia taking in such places as Kuala Lumpur, Bangkok, Hong Kong and Penang.



Portland Quarry is adjacent to the Works.

TRANSPORT



Mr. Alex Knox with one of the latest additions to the Kenworth Fleet.

This medium service Kenworth is one of two recently put into service for Blue Circle Southern. Automatic Transmission is a feature of these units. They are powered by Cummins V8 Motors and have Allison MT 650 transmissions. Mr. Alex Knox is the driver of this particular Unit and he is very happy with it. He joined the Company in 1971 after serving with Tancred Brothers Meat Carters for 19 years. Alex says that cement cartage is much easier than meat lumping.

With the automatic transmission, driving is made easy as it has eliminated 80% of gear changes, which is a major factor particularly in the heavy traffic of Sydney Metropolitan area. The other Unit went into service in Canberra several months ago on a two shift operation. It services the Metropolitan area of Canberra and Fyshwick from our Bulk Depot to Premix Plants during the day and line haul from the Southern Works at Berrima to Fyshwick at night.

The Transport Division is now operating 14 bulk trucks and six bag trucks in N.S.W. At the moment the fleet in Canberra is restricted due to long delays on new equipment and at present consists of three bulk vehicles and two bag vehicles, but proposed future purchases should increase the fleet both in N.S.W. and Canberra over the next few months.



Left: Andy Wallington Jr. with the depot service vehicle.

FAMILY SAFETY PAGE

Now that winter is here, in many parts of Australia, winter clothing will be necessary and also some method of heating.

Burns suffered by children under 13 years of age should cause us to exercise far greater care than most of us do at present. Over a period of five years, 794 young children entered the Royal Childrens' Hospital in Melbourne with serious burns. Eleven of these children died, 125 of these cases were caused by clothing catching fire.

The following are a few suggestions that can help to keep your children, yourselves and your home safe.

The greatest number of burn injuries occur within the first four years of life. The importance of the right kind of clothing, and perhaps especially the right type of winter nightclothes, is top priority.

Quite a lot of research has been done on this matter of safer nightclothes. The National Safety Council of Australia Home Safety Division gives some helpful guidance.

All clothing will burn, but pure wool garments are the safest. Wool has a high flame resistance, it tends to smoulder and then die out. Woollen fabrics weighing more than 5 oz. or roughly 140 grams per square yard are the safest fabrics for the manufacture of childrens nightwear.

Light fabrics made of cotton, linen, viscose, rayon and acetate have very little flame resistance. They are a serious fire hazard to the wearer. Acetate also melts and gives third degree burns.

Fluffy materials or fabrics with a pile such as brushed cotton, and garments made with the pile on the outside are equally dangerous. In close proximity to a source of heat they are inclined to "flash" alight. In all cases the pile should be on the inside of garments.

Night garments for children between the ages of 12 months and 12 years should be in a form-fitting style of pyjamas, ski-pyjamas or track-suit pyjamas. They should be close fitting at the wrists, waist and ankles. Definitely not flared. Always avoid loose free flowing garments with free edges or hems., attractive though they be. Unless rendered "flame resistant," by special processing of the fabric, they are dangerous.

Here are more general safety precautions.

Make sure chimneys have been swept. Soot is incomplete combustion, and can cause a fire.

Do not smoke in bed. Approximately one life every ten days has been lost by someone falling asleep with a lighted cigarette or pipe in the hand.

Do not throw kerosene, petrol or methylated spirits on to a sluggish fire.

Check all electrical appliances. Are cords frayed or plugs faulty?

Get a qualified electrician to check your electric blanket.

Make it a responsibility for an adult to check all fire-places and electric appliances when retiring for the night.

If smokers have been present check settees and lounge chairs. Many delayed fires have started by cigarette and pipe ash dropped in such places.

Don't take portable electric heating apparatus into the bathroom. If you must have a heater, have it fixed high on the wall where it cannot be reached with wet hands.

MALDON



THE MALDON OFFICE LADIES

Left to right:-

Back Row: Pat Shelley, Thelmo Keohane, Peggy Cord.

Middle Row: Margaret Read, Val Trantor, Betty McGarva, Shirley Sonter.

Front: Volda Humphries.

Alf Slade, Foreman Fitter, is looking fit and healthy after spending his annual leave touring New Zealand.

Whenever Lon Stumbris has any spare time you will find him working on his new house which he moved into during his annual leave.

Latest section of the Works to receive a facelift is the workshop area. The chosen colours, lime-green and white give an indication of largeness. Understand that Bopper Kaali is looking for more assistance to keep the expanded area clean.

Mr. V. Wrightson, Works Secretary, and Mr. Noel Moss, Assistant Works Accountant, have recently attended a Seminar on the finer points of Computer language. They returned full of enthusiasm for this new venture, and of course, with the knowledge of the necessary evils required.

Our congratulations to Miss Robyn Shelley, daughter of our telephonist Pat, who has been awarded a scholarship to Salisbury Teachers' College in South Australia. A definite loss to N.S.W. and a great gain to S.A.

Seen driving into the parking lot on a recent Monday, and feeling no pain we believe, was a certain fitter who had a great trouble in the art of parking. The cause we were told was a visit to the "Pink Pussy Cat" Nightclub.

One of our Paymasters, a keen racing man, and living close to the track, does a little work-out each morning. "Storm Rider" the animal in harness at the moment, has more than a little trouble with her footwear. Anyone who can shoe a horse, please contact Bob Fertazzo.

Harry Gurnett, L/H Boilermaker, is going Island Hopping in the very near future. Harry's advertisement for a "back scratcher" certainly brought forward some very interesting replies.



Pictured are newly indentured apprentices with their parents at the indenture signing ceremony.

Left to right: electrical, Mark Daly and his mother, with baby sister looking amused. Bill Polychrone, Fitter Mechanic with his mother. Rodney Hangar, Fitter Mechanic with his father.

Mrs. Betty Walters visited Maldon Works on Thursday, 16th May. She is leaving soon for a new home near Noosa Heads in Queensland to enjoy the sunshine with her husband, who has just retired from the Department of Education.

Betty has worked for the last 12 years in the Mail Department at "Portland House." She was accompanied on her visit by Mrs. Elwin Wyatt, Mrs. Angela McLean and Mr. Peter Tetley from Head Office.

Another addition to our circle of workers or should we say "many happy returns" is Ron Elliott. A former employee of S.P.C. for 4½ years prior to his enlistment in the 2nd World War, and then for 18 months after his discharge. In 1951 Ron joined M.P.C. and in November, 1964 started the Day St. Central Laboratory. Since the close-down of Day St., Ron has been busy despatching equipment and chemicals to the various laboratories in the A.P.C.M. group and is now assisting at Blue Circle Southern's Laboratory at Maldon.

Well known in Campbelltown area as an "A" grade cricketer, playing for Macarthur Cricket Club, Ron is married with 3 sons and a daughter. Welcome aboard Ron

When a crocodile opens its mouth very wide, its eyes water, and it seems to be shedding tears.

Fish do sleep, but as they have no eyelids they cannot close their eyes.

Some birds do not build nests. For instance the cuckoo lays her eggs in the nests of other birds. Another example is the guillemot.

Keep it on!
HAR

JOHN LEW

John started
carrier for t
He then wen
he is still en

John is also
keen footbal
in the near j
to be reckon



QUARRY

Just returned from holidays is Bruce Bell. Bruce started work with the Company in 1958, as a loader on the flying fox conveyor scheme.

When the Company phased out the flying fox conveyor he was employed as a Primary Crusher attendant, after which he was transferred to greaser on the Marion Shovel, then on to driver.

The Company sold the Marion Shovel in 1971, Bruce was then given his present job as a 988 Front-end loader driver.

Bruce has a number of hobbies such as Gem Stone collecting, cutting and polishing, fishing, shooting and travelling.

During his holidays Bruce travelled to such places as Gundagai, Wagga, Narrandra,, Hay, Balranald, Uston, then over the Murray River to the Victorian Border to Mildura, across the border to South Australia to Renmark, back across to Pt. Pirie, Pt. Augusta on to Whyalla, then down to Pt. Lincoln.

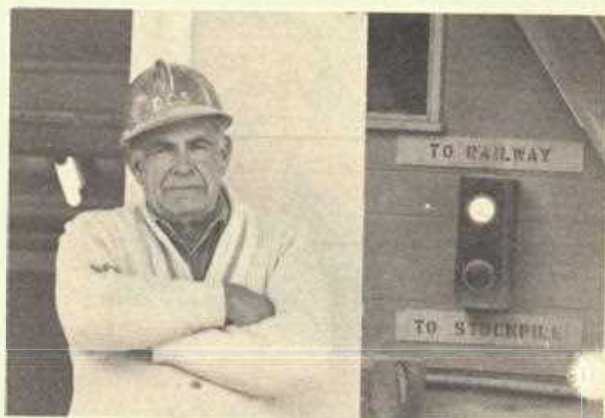
On his way home he stopped at Tumby Bay for three days to do some fishing, resulting in a nice catch of Whiting and one oversize Stingray which he quickly returned to the water. From then on it was home James and don't spare the horses.

It's good to see you back, Bruce. Sounds like you had a great holiday.

The mammoth was a relative of the elephant. It is now extinct and found only as a fossil. It was like an elephant except that it had thick dark brown hair about two feet long, and its tusks were much more curved.

Limestone being unloaded.

Signal indicating to drivers destination of stone.



DES SHEATHER

Des started work with the Company in 1966, as a labourer after which he was transferred to the Atlas Copco drills for twelve months. Since then he has been employed in his present job as loading conveyor operator.

N.R.M.A. SAFETY SUGGESTION

Blinkers and Brake Lights should be cleaned regularly. Mud or dirt over the glasses could make it difficult — or even impossible — for the other drivers to see your signals, particularly after country driving.

RON WILLIAMS

Ron, commenced work with the Company on 25th October, 1956, as a Maintenance Fitter. The same day also saw the first starting of the Hazmag Crusher which is still in operation.

Ron retired in 1973. Before starting with the Company, Ron managed a garage at Gundagai for 5 years, then spent some time working on the Wyangala Dam Power Station. Ron is now kept busy with his gardening and Wood Work.

He is also a very keen motorist and just returned from a tour of the American race circuits, accompanying John on his trip were Harold Haines, son Robert and son-in-law Eric Iddles.

Some of the stories I have heard make me wonder whether or not it was the cars they were interested in or the birds!

FIRST AID

GENERAL PROCEDURE

By Herman Egbers, Maldon

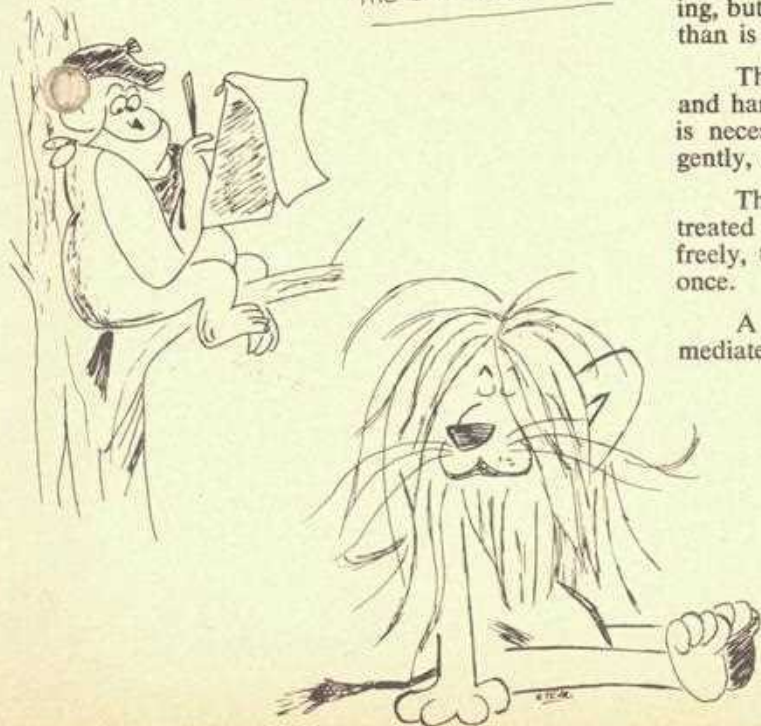
The patient, if badly hurt, should be kept warm, comfortable and quiet; and breathing eased by loosening all tight clothing, but no more clothing should be removed than is necessary.

The injured part should be kept at rest, and handled as little as possible. If first aid is necessary it should always be rendered gently, with minimum disturbance.

The most serious injury should be treated first; e.g., if a wound is bleeding freely, the bleeding should be controlled at once.

A doctor should be sent for immediately.

Wild Bill Featon
The Blue Circle Scribe





Mrs. J. Bytala better known as Jackie.

Women's Section

KITCHEN METRICS

The Metric Conversion Board has published a two-fold pamphlet, Kitchen Metrics, which is aimed at the home cook and is available on request.

Cooking will not "go metric" on any one day, the pamphlet points out. "But, as more and more ingredients are sold by metric measure, the time will soon come when it is more convenient for you to cook in metric."

The pamphlet says that most new recipes will use metric cup and spoon measures.

"Your present cooking utensils can still be used, of course, although when you replace them they will be in metric sizes."

Among questions answered in the pamphlet are:

WHAT ABOUT MY OVEN?

Do not be worried about conversion between Fahrenheit and Celsius. A good rule of thumb for cooking is to halve Fahrenheit temperature for Celsius (e.g. 400°F becomes 200°C).

Ladies, remember that I am waiting to hear from you.

As mentioned in last month's issue we need brief articles or paragraphs on all kinds of subjects that you may be interested in.

As a brief reminder, funny sayings or happenings, recipes (your own if possible), childrens problems, thoughts on everyday living, brainwaves you may have had, and used to simplify your work in the home, verses and short poems you have written, and so on.

All can help to make this a very interesting section.

Address to:-

Magazine Submission
C/- Mrs. J. Bytala
Blue Circle Southern Cement Ltd.
Box 1571 G.P.O.
SYDNEY. N.S.W. 2001.

MAY I USE MY NON-METRIC MEASURES?

Of course. If you have favourite recipes written in non-metric terms, you will need the non-metric measures, but you should use metric measures for metric recipes because the old sizes are different.

CAN I USE MY OLD COOKERY BOOKS?

Keep them for your favourite recipes and use the appropriate measures. In time, new cookery books in metric will cover most of those recipes, but nobody is going to force you to use them.

HOW CAN I CONVERT MY FAVOURITE RECIPE INTO METRICS?

DON'T! The conversion factors are not simple and you might end up with a flop.

HOW CAN I RECOGNISE A 'GOOD' METRIC RECIPE?

A "good" metric recipe will have easy-to-measure quantities which rely largely on cup and spoon measures.

"The best way to get used to anything is to use it," the pamphlet says. "After a while you will start to 'think metric' as schoolchildren are now doing, and as we think in dollars and cents rather than pounds, shillings and pence."

FISHY TALES

BERRIMA

Fishing generally has been very patchy during the recent boisterous weather. Before the bad weather set in Ken Coates, assistant Mechanical Maintenance Foreman, and his associates did very well boating off Kiama.

Whilst fishing the North Coast of N.S.W. recently a friend quoted the old joke to me, "You should have been here last week!" Well, he was there "last week" and everyone who could hold a line had a great bag of fish. He said that following one storm, as soon as the sea settled down fish could be caught on even chunks of bread as bait!

However, I was *not* there "last week" and had to content myself with a hard earned fish meal a day, which I suppose is really all anyone needs. Whiting were biting well and varied from half to one and a half pounds. Bream also were reasonably plentiful, some up to four pounds. A few school jew and flathead also entered the bag. The run off of fresh water drowned all the local yabbies, but pippies and worms were plentiful for bait.

I did some beach combing and purchased quite a number of good six foot garden stakes which was quite profitable with stakes at fifty cents each!

Black fish are plentiful at Laurieton, Hat Head and South West Rocks. Anglers sadly tell me of the three pounders that have broken their light tackle. They are biting on prawn and cunгы bait with just enough lead weight on the hook to sink the bait.

At present many of the beaches are closed to fish due to the flatness. One may cast out only to see his bait high and dry 80 yards out when a wave recedes.

I did photograph one bream at 4 lb!

Rus. Greaves.

Bill Brooks of Berrima Power House during his holiday at Jervis Bay bagged a Bronze Whaler Shark 9' 8" long with a girth of 5' 6", this in addition to several schnapper, mowie and flathead.

PORTLAND

Harking back to last month's issue, Les Cain tells of a most successful trip to Walgett.

He and Barry brought home 70 good table fish, the largest they caught being a 10 lb. Cod. Nice going.

"THE FISHING CODE"

Fishing is knowledge, and for you to know its thrill,
May you never cease to study the context of its skill,
Fishing is enthusiasm, each time you're in the boat,
Though the rain may start to fall and you're huddled in your coat,
Fishing is determination, though you find they're off the bite,
To convince yourself by thinking they'll be there another night,
Fishing is friendship, as you sit there with a mate,
Not requiring conversation as patiently you wait,
Fishing is relaxation, may well you know its taste,
In taking leave of absence from life's bustle and its haste,
Fishing is satisfaction, when you have a heavy creel,
Anticipating family comments and the pride that you will feel,
Fishing is consideration, in the methods you employ,
By which future generations may experience its joy.

W. A. Featon
Maldon Works.

MALDON QUARRY

LIZARDS GALORE

Time: 5.30 a.m. Place: Ulladulla Harbour.

Sea mist was clearing as Les nosed his boat "El Toro" through the heads on our way to Narawalle, one of the best flathead grounds I know of.

Whilst travelling along at 2500 rp.m. I was busy preparing the bait, which consisted of small fish cuts and fresh peeled prawns.

Our first drift presented us with 35 lizards, (flathead), weighing from one to three pounds. Les, after opening another Hi-lo, suggested that we try a small reef about three miles off Mollymook for some reddies.

The reason being, no doubt, that Les had caught only seven out of the total of 35. Makes one wonder.

Light Lines.

This picture was taken at No. 5 Kiln Berrima during the recent major Safety Survey. Left to right:- Les Humphries who has been Safety Officer at Berrima for 17 years; Lou Moore, Senior Safety Officer, Australian Iron and Steel, Port Kembla; Bob McMahon, General Manager N.S.W., Blue Circle Southern; and Bill Gale, Works Manager, Berrima.

BERRIMA GRAPEVINE . . .

Tom Aitken, Chief Rigger, spent his long-service-leave visiting relatives in Bonhie Scotland. Mascot to Edinburgh in some 26 hours, makes the world a very small place indeed. Mrs. Aitken reports that food prices over there are no better than our local stores. Fashion at the moment dictates brass beds, ornaments, etc. with antiques topping the price lists. Clothing, however, is remarkably cheap. Getting back to food. Sandy Aitken is pleased Mum is home. He's been living on Barbecued Chicken.

Pleased to see Arthur Mills back in the store after his argument with the family car. Full details are not available but it seems Art was extremely lucky to escape serious injury when attacked by his own runaway vehicle.

Proud parents Jim and Barbara Moore have a Rugby League champ in the family. How is this for a record. In 6 competition games Greg Moore has scored 12 tries. In the Group versus Moss Vale trial he scored 4 tries. He plays hooker for Bowral, has been selected to play in the combined Group

versus Penrith match on 30th June and missed playing for Group Six against Group Seven through sickness last week.

The crunch to the story is that Greg celebrated his 7th Birthday on Tuesday, 18th. Here's a boy for the Australian selectors to watch.

Bob Magnus is an authority on the local variety of Flu Virus and spent a very uncomfortable week at home to prove it. One attempt to get back to work failed at the newsagents and he crawled thankfully back to the cot.

The building boom has arrived in New Berrima. One notable effort is that of Peter Doyle from the Lab. Many home builders would like to know your secret Pete. Assembly speed was phenomenal for this job.

Noel North, Electrical Maintenance Planning Officer of Berrima, has been transferred to Portland as Assistant Electrical Engineer. All the best in your new surrounding Noel.

CORRECTION

Bill Rutter who was mentioned in last month's Link as having a heart attack, did have trouble during the floods, but it was a heart valve. He has since had a new valve fitted, and is doing well.

CLUB NEWS

The Recreation Club has the bit in its teeth at last. Functions on the agenda include a Wine Tasting, and of all things an Auction Sale!

Club members are busily engaged in a project to provide hot showers at the Oval and have listed as next in their order of priorities a new roof for the Hostel, (sorry, I mean Club House).

They have also elected to assist Miss Australia candidate, Julie Casely, and one look at this charming lass will show why.

BERRIMA COLLIERY

On long service at present is Deputy Brian Townsend, caravanning in North Queensland. Albert Alport who, when at work, is a machineman with the Miner crew on day shift and Mervyn Brittle, machineman who works on panel preparation on the afternoon shift.

A new starter at the colliery is Jim Murchie, Machineman. He worked at the colliery before mechanization, and in between has worked in the Burragorang Valley. He is glad to get back again.



Nell Fraser has been with the Company at Berrima for over 16 years. For 3 years she worked with the Company Secretary at the General office, and for the past 13 years she has served as the Engineering Stenographer.

BERRIMA DISTRICT NEWS

THE SHOALHAVEN WATER SCHEME

This scheme is probably the biggest change this district has ever seen. The dam on the Wingecarribee River is now complete and by all accounts quite a lot of the tunnelling, excavation, etc. is well on the way.

Broadly speaking, the first stage of the Metropolitan Water Board Scheme is the high-lift pumping of water from the Shoalhaven to the Fitzroy and Wingecarribee River dams. From here it will be possible to divert the flow into the Nepean reservoir, to augment supplies served by that system. To achieve this, two in-series pumping stations in Kangaroo Valley will be necessary, capable of lifting water some 2,200 feet vertically through high pressure steel mains. Some of this water will then be returned to the valley through a hydro-electric generating system to ease peak hour consumption.

The new Wingecarribee Dam.

FRANK "TARN" WRIGHTSON

Tarn has served for forty years on and off with the Company. Before even S.P.C. was thought of Tarn was cutting eucalypt leaves around Berrima, and shooting rabbits where the Berrima Plant now stands.

He began working for A. S. Taylor, (the man who started S.P.C.), in 1926. When Southern Blue Metal Quarries started on Mount Ginginbullin he worked as a carpenter. Cecil Hoskins, (later Sir Cecil), was the main financial backer at the quarry. His brother-in-law, Mr. Westcott, met with a tragic end when he was blown up by a faulty charge.

Tarn, for a time, then worked at the Berrima butchery, after which he started at S.P.C. as a labourer. When Tarn started other well-known S.P.C. personalities were already on the job, such as Bill Ruter, Tom Wilson, Pop Wrightson, Tarn's brother, and Bill McDowell. This was in 1928. On the site at this time were an ambulance room, a store, (Tarn's father was chief storeman), and the excavations for No. 1 Kiln pier. Tarn helped to build No. 1 and No. 2 Kilns, all the shell sections were winched up by hand, and then supported by "pig sties" of sleepers.

Tarn helped to brick the new kilns working 8 hours on and 8 hours off. For instance when he finished at 4 p.m. he had to walk home to old Berrima, and then walk back again in time to start at midnight.

One day as Tarn was walking up inside the kiln, he saw a split starting in the newly bricked roof, he yelled at the three workers who were directly beneath, they struggled clear just before the whole roof collapsed!

In those days, says Tarn, there were no safety rules, for instance, if you hurt your back the Company gave you credit for being a hard worker!

During the Second World War the whole of the works was under blackout for twelve months, even the Kilns had special hoods to hide the fire. The skylights in the Machine Shop were painted over and they still are!

Tarn has worked on almost every job on the Plant, at one time or another, and he



has known every manager and foreman since 1928.

When he was 16 years of age Tarn played regularly against Don Bradman for two years in the district grade cricket. He has played with the S.P.C. Team since its formation in 1928!

In addition to Tarn, seven members of the family have worked with S.P.C. over the years. Frank, Tarn's father, Darrel, his nephew, still in the Stockhouse, Pop, who retired as Stockhouse Foreman, Trevor, another nephew, now manager of Vales Point Power Station, Vern, another nephew at present accountant at Maldon, Bon, a brother who worked at the colliery and Gordon, another nephew.

Tarn has a very clear memory and Assistant Electrical Foreman, Roger King, wrote many pages of foolscap that throw light on the history of Berrima Works. This short account has been culled from those pages.

S.P.C. EMPLOYEES CREDIT UNION LTD.

INTEREST RATES

As from 1st July, 1974, the Credit Union will be increasing both its savings and loan rates of interest. The new rates will be:-

Savings	— 7% p.a.
Term Deposits	— 8½% p.a. (in units of \$1000 over 12 months).
Loans	— 1.2% monthly (calculated on the reducing balance) for all existing and future loans).

The Board has decided to increase the interest rates after much deliberation. They have been watching the fluctuating interest rates of other finance organisations for the past two years and feel now it is the time to go ahead with this move.

The income generated by the increase in loan interest will allow the Credit Union to give better returns on savings. This we hope will attract more funds so that we will be able to make more money available for the member to borrow.

Savings with the Credit Union becomes a most attractive proposition, particularly when you compare our savings interest of 7% with the current savings bank interest of 3.4%.

LOAN DELAY

Unfortunately, there is a loan delay.

At the time of writing there is approximately 10 weeks delay for those loans which have already been approved.

The much publicized shortage of credit through other financial institutions has made a relatively sudden demand for funds from

Below:-

During the recent heavy rain and gales, many of the Blue Spruce that beautify the surroundings of Berrima Plant were blown down.



JULIE CASELY

Photo by Steve Tyler, Moss Vale.

Julie Casely is a Miss Australia entrant from Moss Vale. The S.P.C. Recreation Club decided to assist Julie in her efforts to raise money for the Spastic Centre.

Julie was born in Young but has lived in Moss Vale for the last 15 years. She worked for twelve months at the Nursery School, she has a great love of children, and seeing the wonderful opportunity many children have today, she decided that she would like to do something for those less fortunate. The Miss Australia Quest, from which all money raised goes to the Spastic

Centre, seemed a good way to do this, and the S.P.C. Recreation Club also wishing to help in this project joined with Julie to do what it could.

Julie is interested in music, dancing, driving and surfing. She also plays hockey for Moss Vale, and has an interest in football and basketball.

At present she is running in the Lions Club Miss Personality Quest. Julie plans to travel and says she would very much like to visit Switzerland.

RIVERVALE

THE HISTORY OF WINE IN THE WORLD

By Mr. W. R. Wilson, M.B.E.,
Safety/Welfare Officer, Swan Portland
Cement.

The origin of the cultivation of Grape vines and the allied art of winemaking is doubtful. It was first thought that the vine *Vitis Vinifera* originated in the regions of the Caspian Sea, i.e., Northern Persia. This theory is no longer accepted because fossilised vine leaves, etc. have been found in the coal strata of the tertiary geological period, grape seeds in the prehistoric lake dwellings in Europe, and wild vines in America. It is evident that the vine flourished during this period in Germany, France, England, Iceland, Greenland, North America and Japan. Later, during the Ice Age, the vine was forced southwards.

Although the beginning of wine is lost in antiquity, geologists have found evidence that the grape was a food of prehistoric man 6,000 years ago. Since the juice of pressed grapes turns naturally to wine, it is assumed that man drank this beverage before the dawn of history.

Wine was made in China, Mesopotamia and Greece before 2000 B.C. The writing of all ancient Historians are full of references to wine as an important adjunct to life, health and happiness. From Homer we learn that viticulture flourished in Greece in his time, 1000 B.C. Wine's popularity was natural. The ancients had no refrigerators, and in wine they had a food beverage—the juice of the grape — that turned by natural fermentation to wine, which preserved itself. The reason for this fermentation briefly, is caused by yeasts which are contained in the bloom of the grape — that waxy film which adheres to the skin of grapes.

Corn, wine and oil are mentioned together in the Old Testament as the main fruits of the soil, the material measure of life and comfort. The cultivation of the vine was considered one of the highest achievements of ancient times; impossible for wandering tribes who might grow a crop of corn but who never remained long enough

to cultivate the vine. The vine and Olive have come, therefore, to be considered as symbols of a settled and cultural life.

The keeping qualities of wine were important, and as conditions which would protect wine from air were unknown, the ancients either drank their wine while it was still young or added preservatives such as pitch and spices. Resin flavoured wine (*Retsina*) is still popular among the Greeks.

Having been born, as was modern civilization, in the near East, the vine was transplanted with civilization into Europe. The Greeks were the first Europeans to make wine and it was they who taught the Romans. Rome, in turn, established winemaking as an important agricultural pursuit in Western Europe, after Caesar's conquest of Gaul. Since the Roman era, every country in Europe and along the Mediterranean Sea that was climatically suited to vine culture has made wine.

Between the years 500 and 1400 A.D. Europe became the wine growing centre of the world. Minstrels sang of it and poets penned verses in its praise. Even in the early part of the 20th Century the peasants in France and Germany worshipped the god of Wine in a peculiar orgiastic way. They carried torches and uttered loud cries for the purpose of insuring the fertility of vineyard and orchard. Mostly, Bacchus, god of Wine, has been symbolised as a ferocious looking human being with bull's horns on his forehead, cloaked in a lion's skin, in one hand holding a torch and in the other a drinking goblet.

In the Middle Ages wine was produced in England and northern parts of Germany, but later, when transport difficulties were overcome, the precarious business of growing vines in countries unsuited to them became necessary.

Mediaeval churchmen interested themselves in wine growing as in other arts and the monasteries developed many of the refinements of viticulture. It was a Benedictine monk, Dom Perignon — for many years cellarer at the Abbey of Hautvillers France — who according to tradition, discovered Champagne in 1679.

The earliest wines of history were red wines, made simply by crushing the grapes and fermenting the juice and skins together. White wines, made by drawing the juice off the skins immediately after crushing, came later.

The famous Louis Pasteur first introduced science to winemakers. He analysed the whys and wherefores of fermentation and opened up its mysteries to a wondering world.

Viticulture in the world is still concentrated largely among the Mediterranean countries where, as has been seen, it originated. With colonisation, however it spread to continental Europe, and in time, into parts of North and South America, South Africa and Australia and into pockets of Asia, including Japan.

Altogether, more than 40 countries make wine and the world's vineyards provide nearly 8,000 million gallons of wine each year. Of this figure, Italy contributes almost one-quarter. France is not far behind with an approximate 1,700 million gallons

annually. Then come Argentina, Spain, Russia, Portugal, the United States, Rumania, Algeria and Germany.

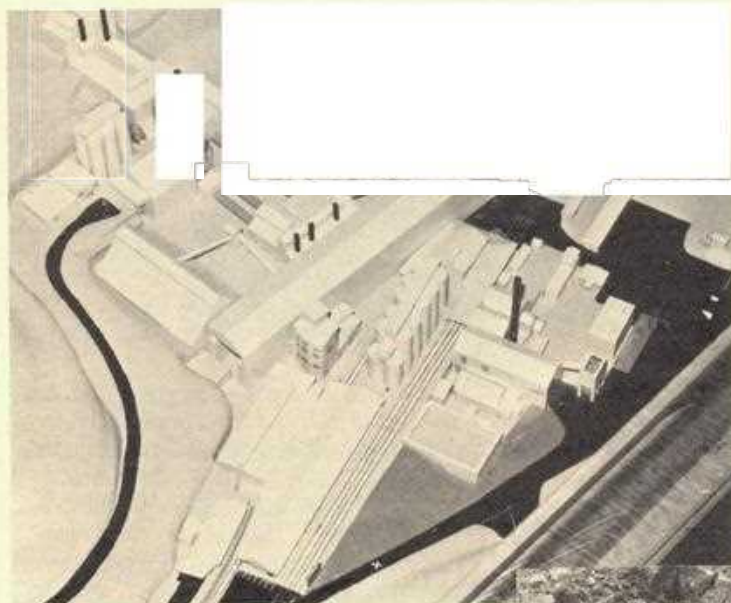
In recent years, Australia has seen acreage under vine grow steadily so that the annual vintage (harvest) has likewise risen. By now, vintage is customarily beyond the 50 million gallon mark which, though small by comparison with the output from the traditional European Winemaking countries, is evidence of the rise in popularity and acceptance of wine in the post-World War II years.

The big producers, Italy and France, again lead the world in per capita consumption of wine. This is to be expected for wine in these countries is the recognised everyday drink. The Frenchman and Italian consume about 180 bottles of wine each year. The Australian drinks an average of 10-12 bottles of wine a year but the increase is steady.

Next Month — How the industry began in Australia.

CHARBON

Left:-
Model of the Charbon Plant.



Right:-
Loading stone at the Quarry.



KOORAGANG



BRIAN SANDERS, GENERAL MANAGER

MR. NORM SMITH

Leading Hand Bagging & Bulk Department

Norm was one of 11 children, his father being an early pioneer of the dairy industry with a property at Scone. Norm was called upon to do duties on the farm from an early age. The family then moved residence to "Whittingham" via Singleton where they established the largest dairy farm in the area at that time. Norm attended "Whittingham" High School, then was transferred to Singleton High School where he reached Intermediate Standard. The dairy farm was worked until the year 1946. His father retiring, Norm took his first position of employment as a transport driver, carrying coal from Glendonbrook Pit to Singleton Railway Station.

The next move was a joint effort, with Norm and his brother purchasing a fleet of taxi cabs.

He married in 1951 and moved to Newcastle where he was in turn employed at Stewarts and Lloyds as millwright for 16 years.

On leaving Stewarts and Lloyds, Norm was employed at Hexham Engineering for a period of two years.

His next position was with Frankipile, assisting in the driving of cement piles which form a solid foundation for heavy industrial machinery. The location of this particular job was at Kooragang Island, the newly developed industrial area, where Norm was introduced to the then General Manager of Kooragang Cement Mr. Ian Flower and Plant Supervisor Mr. Bill Byrnes.

A position was offered to Norm at the newly opened plant of Kooragang Cement Pty. Limited as a bagging machine operator, that was in the year 1970. Since then Norm has been promoted to the leading hand of the bagging and bulk department.



JUNIOR'S PAGE

JAMES COOK

Last year my son and I had the fortunate experience of going over to the U.K. to visit relatives. However there were constant reminders of Australia. Whilst in London we visited Australia House, and whilst taking pictures I discovered a statue of Captain Cook in the Mall; the long straight avenue that leads from the Admiralty Arch to Buckingham Palace.

When in Yorkshire we visited the old fishing port of Whitby on the north east coast, and once again we were reminded of Captain Cook for he was born near Whitby, and sailed from this same port. The old harbour would look very much the same in his day as it does today.

When James Cook was 13 years old in 1741, he discovered the sea, or perhaps we should say, he saw it for the first time.

James had been apprenticed to a village grocer and draper, but his master often came home drunk, and James usually took a whipping for no reason at all.

When he first went to sea he was cabin boy on a grimy, old coal boat. During the winter he was taken ashore and lived in the home of one of the fleet owners. It was a Quaker home and James learnt the honesty, courtesy and ideals that marked his later life. He worked hard at mathematics, astronomy and geography, and he learned to obey a command, and also, gradually, to command obedience.

During what is known as the Seven Years War between England and France, Cook's study and preparation paid off, and he was put in command of a sloop, (a small one-masted warship), and sent to the Siege of Quebec. A few years later scientists were trying to find out the distance of the sun from the earth. On June 3rd, 1769, the planet Venus was to cross the sun, it would not occur again for over a century. Observations would need to be taken from many points. James Cook was chosen to head an expedition to the South Seas.

Why was James chosen? There were various reasons. He had a thirst for knowledge. He had studied astronomy, and made a very fine report on an eclipse of the sun, he had also prepared a detailed study on the rugged Newfoundland coast, and he was noted as a man of good character.

Not very much was known about the South Sea Islands in those days. One island that was known was Tahiti. From Tahiti Captain Cook was asked to observe the various positions of the stars and planets, and afterwards, to seek new lands.

Cook chose a broad, flat-bottomed coal boat. It was far more roomy and could sail in shallow water. It was named the "Endeavour" and was 97 feet long.

The Endeavour left Plymouth, England in August, 1768. It carried 94 men, among whom were several scientists. Among them was Joseph Banks who later became a world famous naturalist and was knighted. This was really the first sea-borne scientific expedition. When the expedition commenced work in Tahiti, Cook explained that they were finding out the positions of stars and planets. Because of this the natives named him "man-in-search-of-a-planet."

To be continued next month.

JUNIOR QUIZ

1. Do crocodiles weep?
2. Can fish sleep?
3. Do all birds build nests?
4. Have elephants good memories?
5. Are bats blind?
6. Do mice sing?
7. Does a horse sleep standing up?
8. Does red make a bull angry?
9. Is a blue whale the largest animal?
10. Was the mammoth a relative of the elephant?

Search for the answers in other parts of this issue.



David McDonnell of the Berrima Junior Hockey Team. David's father, Stuart, works in the Power House.

NATURE NOTES

Perhaps this is one of the saddest times of the year on the bird-watchers calendar for many species have migrated. Probably the sadness is derived from the fact that the birds are to spend their winter in the warmth of the northern sunshine while we are faced with the long, cold, windy and dismal winter.

Many sad and yet alluring stories of the migration of birds, animals and fish have captivated the pens of writers for years. A lot of accurate information has been collected from certain species and yet virtually nothing is known about the rest of the species. Why they go, what food they live on, do they travel over the land or the sea and what method of navigation do they employ are only a few of the questions centred around animal migration.

Of all the migratory species of birds the waders are perhaps the most remarkable; firstly for their size, secondly for the distance they travel on their migration and lastly the diversity between their non-breeding plumage and their breeding plumage. Here, in the southern hemisphere, the chances of seeing a wader of the northern hemisphere in full breeding plumage is something of a rarity and even then it will only be just after they arrive south and just prior to their departure north. In either case not many people see them in their breeding plumage since their main breeding grounds are only within the Arctic Circle on the vast barren wastes of the Tundra, and even fewer people of the northern hemisphere would see these waders in their non-breeding or eclipse plumage.

Some of the waders that do attain near full breeding plumage prior to departure are the Bar-tailed and Black-tailed Godwits, Ruddy Turnstones, Grey Plover, Golden Plover, Red-necked Stint, and some of the Dotterals.

Even the feeding habitats of waders proves to be an interesting subject. Most of the wader species that reach Australia seem to feed along the estuarine salt flats, tidal flats, beaches and even the rocky shoreline; whereas when breeding they seek refuge in the grasslands of the tundra, and it is under-

stood that during the short summer of the Arctic Circle insects abound to almost unbelievable proportions, and it is insects that the young waders are fed on — quite a change from the oceanic crustaceans of our coastline.

Wader-watching can prove a most embarrassing and frustrating business since most of the birds are similarly plumaged and much the same in size thus making identification a difficult task. And, of course, to make matters worse one has to stand in very hot glaring conditions with sandflies and mosquitos as his companions. (Sounds a bit like fishing!).

In February, this year, I travelled to Stockton and Kooragang Island to see the waders. This spot, despite the fact that it is right in the centre of the heavy industrial hub of the city of Newcastle, has become quite famous for the large variety and number of waders that congregate in the area for the summer. In fact I can't recall any other place that you can see at such close quarters so many wader species. My bird list on this occasion was 49 species and of this amount no less than 18 were members of the wader family while some members of the group were in possession of lists that far exceeded mine. As well as the waders no less than 6 species of terns were listed.

NOTE:

Chris Sonter has been writing Nature Notes for the House Journal for over four years. He is a well-known naturalist in the Berrima District. Ed.

Horses like to sleep standing up — it is more comfortable for them. When a horse stands still and relaxes, the joints of its legs "lock" and hold it up.

Bulls cannot tell one colour from another.

The largest animal is the blue whale. It sometimes reaches 100 feet long (about 31 metres) and weighs over 100 tonnes.

WUARN PONDS

AUTUMN CABARET

The Victoria Portland Cement Social Club held their Autumn Cabaret on May 17th at the Geelong City Hall. These gatherings are held regularly twice each year, in May and November.

There was an attendance of 223 members and friends. The entrance prize was won by Mrs. K. Massey, and guests were

entertained during the evening by the singing of Mr. James Mavor.

On this and the following page are three of the many happy couples who attended the cabaret.

Below we see Dennis and Yvonne Bates. Dennis is a Plant Operator at the Quarry.



Paul and Helen Foster. Paul is a Technical Assistant in the Laboratory.

Andy and Tilly De Bekker. Andy is a Tester in the Laboratory.



Sport

MALDON

Reg Moverley, Maldon Chief Chemist, won the main event at the Antill Park Golf Club on Saturday, May 11th, 1974. With a score of 37 points, Reg won the G. Power Trophy.

The trophies for the Sunday's event were provided by The Commonwealth Portland Cement Company.

With all the wet weather our Soccer fans saw very little action. But the stock house reported full attendance, owing to no injuries from the football field.

MARULAN

The under 14's soccer team is at present leading in the Goulburn and District Competition. They beat Crookwell 3 - 1.

The under 12's, under 10's and under 8's are all going well in respective competitions.

The men are running second in their Goulburn and District Competition.

We hope Graham Cosgrove will soon be back in action at football. Some time ago he received an injury whilst at play and had to have an operation.

The Rugby League team, mostly all young players, are showing promise. It is on the cards that they will be greatly improved by next season. Their coach Bobby Brooks, was unfortunate in breaking his leg in two places.

The girls basketball team are doing well with three wins and two losses. They are now playing in a higher grade.

BERRIMA

Kevin Moore of the Foremans Office is the Hon. Sec. of Bowral Bowling Club in his leisure hours.

His interest in the club goes beyond the administrative and this year he has won the

minor singles, and also, together with his brother Jim, the minor fours. This creates a record for the club as no one has previously held both trophies in the same year. Congratulations Kev.

A LOT OF "BULLS"

A challenge was thrown out recently by the quarry men to the Goulburn Hotel Darts Team.

Standard of play was high. The result was an 8-7 win for the Goulburn side.

A return match was played at the Terminus Hotel, Marulan, resulting in an 8-7 win to the quarry.

Three of the Goulburn team work at the quarry, so you can imagine the mounting feeling as arrangements are being made for the deciding game. This will be played at the Goulburn Hotel.

Below:-

Mandy Aldridge of the Drawing Office Berrima at the ready.



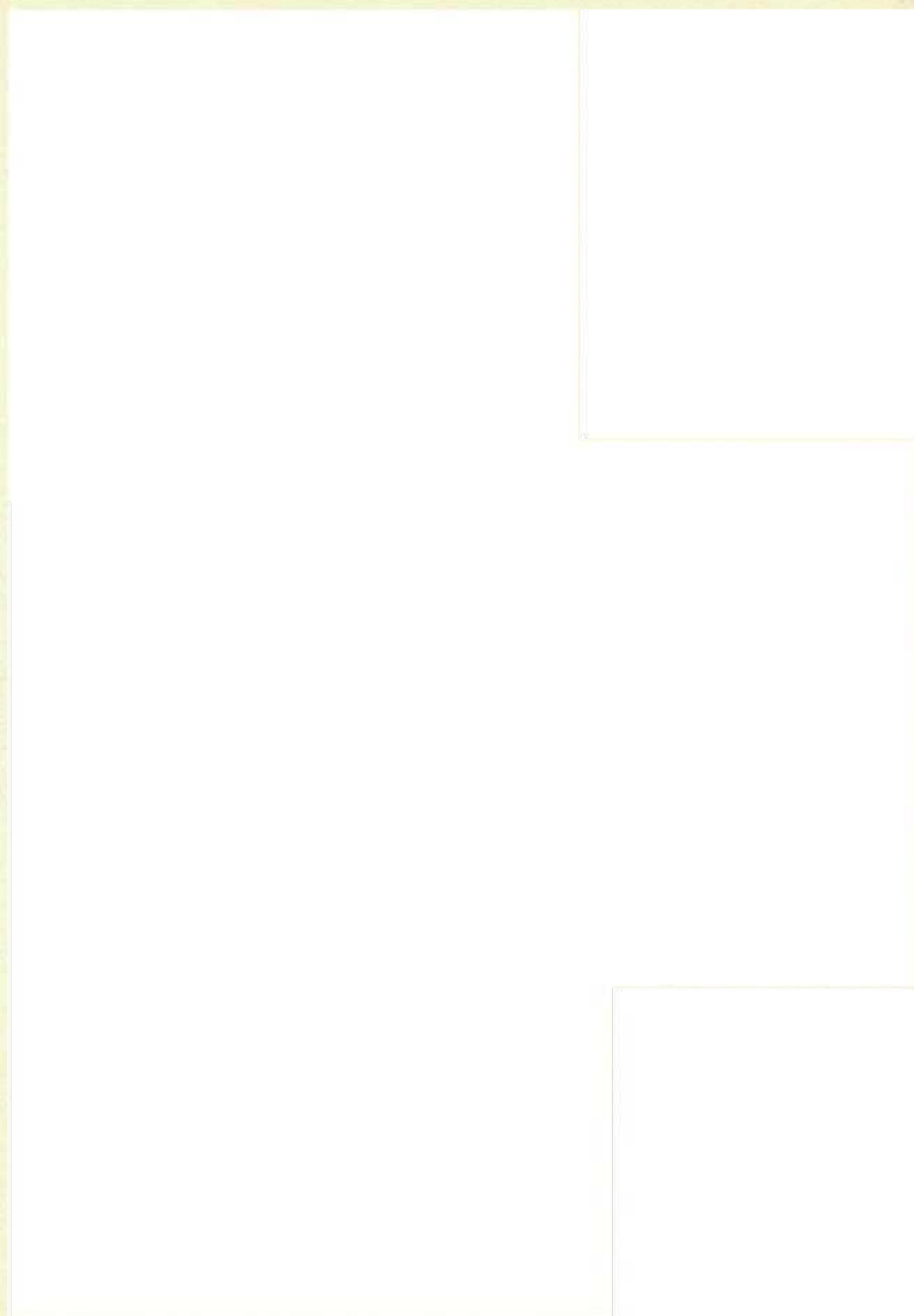


*Above and right:-
Action shots taken by Bill Gale at a recent
hockey play-off at Berrima oval.*



*Below:-
Ladies "A" Reserve team composed of wives
and daughters of Berrima employees.*





A. S. TAYLOR A MAN OF VISION

Letter to the Editor

Arnold Stanley Taylor, the man who started it all, was a man of vision and in all an extraordinary personality.

One evening in 1923 Wilfred Marsh, one of the founders of Loch Catherine Colliery and myself had been playing cards with A. S. at his home and after the cards had finished, he started talking about the future of Berrima. At the time, I was a student at Bowral High School and to me, cement was something that one stuck things together with; however, I did look at a lot of impressive prints and photos from "Rock Products" and did listen intently as A. S. painted his picture of the future. "There would be a blue metal quarry on Gingen Bullen and an 8 unit cement works in Reynolds Paddock near Berrima Road. There would be another colliery, and limestone would be brought from Marulan. All these would be interconnected by rail." he went on. We both listened intently and politely, but after leaving the house I must confess I said to my friend "Did you ever hear such bull in all your life". So much for that!

A few years afterwards, the Blue Metal Quarry was operating, as was the limestone plant, and all interconnected by rail.

It was at this stage I think, that I made a resolution never to discount any of A. S.'s visions. Of these there were quite a few more to come, including the Coal Mines at Burragorang, but that's another story.

After getting the Maldon Works off the ground, his vision was a slurry pipe-line which we at Maldon promptly christened "The Plurry Hurry Slurry Line."

He was always convinced that at some time there would be an amalgamation of the two plants, Berrima and Maldon — though not quite as he imagined it would come about, it is a fait accompli, nevertheless.

How wonderful if only he could have been here to give the bride away and in his own inimitable style have made a few more predictions which of course, no one present would believe but which our grandchildren would see come true.

There is one thing I hope I survive to see — The Plurry Hurry Slurry Line. Get to it boys! The ball's in your corner.

Yours happily in retirement,
John H. Brown.

NOTE:

Jack Brown started with S.P.C. about 1929 and apart from his absence in Military Service during the war years remained until 1948. At the time he left to go to Metropolitan Cement he was Engineer's Clerk to Archie McKinnon. He remained with Metropolitan until his retirement in 1970. At that time he was Safety Officer and Technical Assistant to the Manager. —Ed.



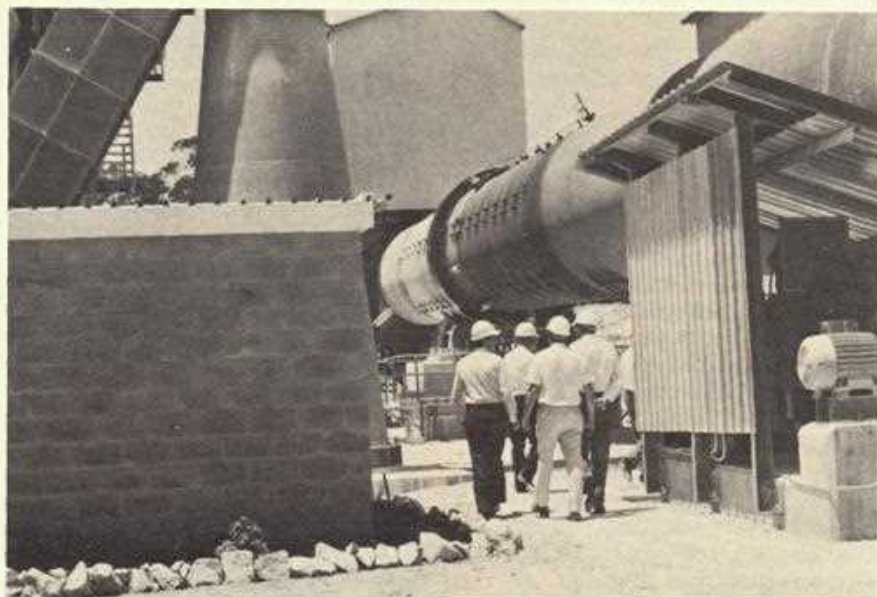
MANDY IN ACTION!

Yes, elephants have good memories. They have been known to remember someone who has hurt them years before, and to punish that person.

Bats are not blind, they have not very good sight, but they can see, both in the daytime and at night.

Mice make a very high pitched singing note, mostly it is too high for the human ear to hear.

MARULAN



MARULAN'S ROTARY LIME KILN

Almost 84 metres in length and 3.35 metres in diameter. Its average daily production is 300 tonnes.

MARULAN GRAPEVINE . . .

Marulan Bowling Club held a Prawn Night, one of the best ever. Secretary, Alan Gutzke is still praising the prawns. Alan and the prawns came from Queensland.

Les Cooper is overjoyed at being made a life-member of the Poultry Fanciers Society.

Congratulations to Lyn and John Beaumont on the birth of a daughter. John was formerly a draughtsman at Marulan, he married Lyn Cooper, he is now a Government draughtsman.

We were sorry to hear of Mick Smith's rejection of the kidney transplant for which he had been waiting so long. We trust that a successful transplant may be performed in the near future. Keep up your courage Mick.

All were happy to see Rick Medway back at work, he was injured in a car crash last Christmas.

Syd Turner is at present on sick leave. Hope you are soon back with us Syd.

Hope the following all enjoyed annual leave: D. Lorkevic, Peter Carne, Robert Hagan.

New starters at Marulan are John McCarthy, Mechanical Fitter and Dave Brown, Electrical Fitter.

Quarry Engineer, Keith Delderfield, has moved to B.M.I. He will be living in Coffs Harbour and travelling to sawmills situated along the coast.

We all wish Noel Shepherd a speedy recovery. He has been in the Goulburn Base Hospital for some time as the result of a stroke. Noel has already put in 23 years service at the Quarry.



Ashley Cooper and wife Aileen attended the Goulburn Technical College Prize and Certificate night recently. Ashley is Chief Clerk at Marulan and has already completed 27 years service. Son Christopher took the First Prize in Stage I Electrical Fitting.



The biggest and the littlest at Marulan. Picture taken by Terry Saker, Design Draughtsman, Berrima, at the Marulan Apprentice and Parents Day last year.

Obituary....

JOE PAWLAK

Joe, who was well known around the Berrima Works retired only five months ago. It is with sorrow that we have to report his death for we had hoped that Joe would enjoy a longer retirement. Joe died from a heart attack on the night of Monday, 10th June, 1974. The service was held in St. Paul's Catholic Church, Moss Vale, and the interment took place at the Old Berrima Cemetery. To his widow, son and daughter, all who knew Joe at the Works extend their condolences.

LEN KERSLAKE

Len who retired from Berrima about one year ago, had a long illness, and passed away on Sunday morning the 9th June, 1974. A service was held in the Baptist Church, Bowral on Tuesday, 11th June, and afterwards Len was laid to rest in the Bowral Cemetery. The service was conducted by the minister, the Rev. Hawley. Our deepest sympathy goes out to Mrs. Kerslake, her three sons and brother, who greatly miss Len.

"Underneath are the Everlasting Arms."

JAMES WILKINS

Many older employees at Berrima will remember Jim Wilkins who worked in the Power House as an engine driver for many years. Jim was over 90 years of age when he recently passed away. Twelve years ago both legs were amputated and since then until his death he was confined to a wheel chair. He lived for many years in Moss Vale. His wife died some year ago. He is survived by one married daughter, Mrs. L. Taylor, now of Pymble. For many years he has lived in the War Veterans Home at Naremburn.

HAROLD HECTOR GRASS

It is with sorrow that we have to record the death of "Hec" Grass who passed away suddenly on Saturday, 8th June, 1974. He was a staff member and had served at Waurin Ponds Works as Packing Plant Foreman for over ten years. To his wife Lorna, and daughter Pauline, now Mrs. Adair, all friends at the Works extend their deepest sympathy.

ANOTHER FISHY TALE

From Maldon Works Quarry

July is a good month for many fish; schnapper, tailor, salmon, bream and the flathead.

The flathead family consists of some 40 different species, the more popular being the dusky, sand and tiger.

The sand flathead are found around the mouths of estuaries and offshore sand-

flats. They are a lighter brown in colour, sometimes with a green tinge. They are not a large variety, seldom exceeding 18 inches and averaging 12 to 14 inches, but they bite eagerly on such baits as small fish cuts, prawns, white bait, etc.

Some new artificial lures are proving very good also, lures such as the wonder wobbler. The sub-range of lures, especially the shiner and killer, spoons and swaybacks are all highly effective.

GARDENING NOTES FOR AUGUST

FLOWERS: SOW: Alyssum, Antirrhinum, Candytuft, Carnation, Coreopsis, Cornflower, Dianthus, Godetia, Hollyhock, Larkspur, Linum, Nemophila, Phlox drummondii, Rudbeckia, Sweet Sultan, Mignonette.

PLANT: Antirrhinum, Carnation, Dianthus, Iceland Poppy, Pansy, Viola, Bulbs of Agapanthus, Calla, Gladioli, Lilium, Tigridia, Tuberose, Lily-of-the-Valley, Flag Iris, Tuberous Begonia.

VEGETABLES: SOW: Broad Beans, Silver Beet, Carrot, Onion, Peas, Parsnip, parsley, White turnip, Cabbage, Leek, Lettuce. (Add French Beans for coastal areas).

PLANT: Asparagus, Garlic, Herbs, Horse Radish, Jerusalem Artichoke, Onion, Rhubarb, Potato.

The month of June brought heavy rain and exceptionally strong winds, the results of which will probably still be showing in some places. Go round all trees and shrubs in the garden and make sure that they are standing upright and securely held in the soil. If any plants are pushed over, gently pull them back into position and tread down firmly all around, using "guys" to hold larger trees in position.

The sap will be rising strongly this month so keep an eye on any plants which have been disturbed to see that they do not dry out. If any trees or shrubs which do not like "wet feet" are still standing in water, move them before the spring growth commences, or endeavour to drain the water off.

August is always wattle month, but with warm weather in May, many wattles have already shown some bloom, and the later flowering varieties will be more noticeable.

Quickly plant any deciduous shrubs and trees which have not been placed in position. This includes Roses, Grape Vines and deciduous Fruit Trees.

All pruning of fruit trees and roses should be finished by this time.

Give all established shrubs and trees and roses a good dressing of "complete" fertiliser or a composting of old manure now.

Flowering Almonds, early Flowering Cherries and Flowering Apricots will be in bloom this month, as well as early Daffodils and late flowering Jonquils.

Keep baiting for slugs and snails and keep watch for aphids and other pests on young shoots, not forgetting that garden sprays are now available in "pressure packs" for gardeners who dislike mixing their own.

CRYPTIC QUIZ No. 1 — N.S.W. TOWNS

The first letter of the answer is given and the dashes represent the number of letters in the answer.

This quiz is the original work of Ian Dickson, who is Costs Supervisor at Berrima.

Prizes of \$5.00, \$3.00, \$2.00 and five of \$1.00 will be awarded, and winners will be chosen as detailed with last month's crossword.

- | | |
|-----------------------------|---------|
| a. A Lengthy sum | A ————— |
| b. Blazing paddock | B ————— |
| c. Burnt well | C ————— |
| d. "Golden Hind's" Master | D ————— |
| e. Archimedes' Statement | E ————— |
| f. Henry's Crossing | F ————— |
| g. Shoot the man | G ————— |
| h. Five or six inches | H ————— |
| i. Scot's Knight | I ————— |
| j. Joseph grasped you | J ————— |
| k. Feline Festival (almost) | K ————— |
| l. "Out of the West" | L ————— |
| m. Rip Donald | M ————— |
| n. Any motel at Easter | N ————— |
| o. Titania's King | O ————— |
| p. Harbour Ground | P ————— |
| q. Dilemma | Q ————— |
| r. Ball Game | R ————— |
| s. 2240 lbs. | S ————— |
| t. High and Lengthy | T ————— |
| u. U + Mistake | U ————— |
| v. Timber Mexican | V ————— |
| w. Ben Boyd's Occupation | W ————— |
| y. Affirmative | Y ————— |
| z. Home of the Zets. | Z ————— |

PLEASE NOTE:

Owing to the uncertainty of delivery date of this magazine, the closing date of all contests will be one week after the magazine is received by your plant.

PS



"YOUR MANAGING DIRECTOR, ERIC TAYLOR, ON A RECENT VISIT
TO BERRIMA."

BLUE CIRCLE SOUTHERN

Vol. 1. No. 3.

AUGUST, 1974.

MONTHLY LINK



BLUE CIRCLE SOUTHERN MONTHLY LINK

VOL. 1. No. 3 — AUGUST, 1974

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MALDON: WORKS & QUARRY:
Barney Carroll and Team.

PORTLAND: Ken Patterson.
Photographs: George Render.

RIVERVALE: Bill Wilson.

SYDNEY OFFICE: Bill Rungie.

TRANSPORT: Boyd Munday.

WAURN PONDS: Frank Jensen.
Photographs: Max Beacom.

WOMEN'S SECTION: Mrs. J. Bytala.

GARDENING: Mrs. C. C. Crowe.

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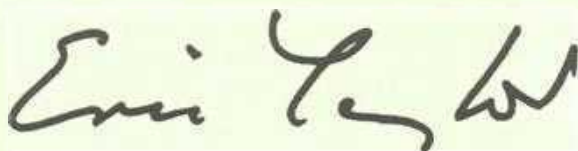
18th of the month.

FROM YOUR MANAGING DIRECTOR

During the last few weeks we have had a major re-organisation in our N.S.W. Plant Management, which is aimed to strengthen our ability to cope with the improvements needed to remain an efficient and profitable cement maker.

The organisation should allow us all to more clearly see our role in the group and should help us all obtain a better understanding of the plants and facilities we operate.

Our technical agreement with APCM(UK) is a major benefit, however this is no substitute for initiative and innovation developed from within our own organisation and a continuing spirit of enquiry by us all is an essential element for our successful future.





JIM LAYT SPEAKS

You might anticipate specific discourse on budgets, cash flows, costs, etc. from the Finance "wing" of the Group, but I am so pleased "LINK" has introduced an opportunity for a different brief comment.

Activity in our Group in these few initial months following the merger has tended to have focused on integration and consolidation of our previously detached operations. Separately, the Company has since increased its investment in Western Australia, and Swan Portland Cement Limited now has become a 52.5% Group owned Subsidiary. Prior to the merger APCM(A) and Southern Portland were co-operating in a development study for a possible venture in Papua-New Guinea, and this examination is now being reviewed by B.C.S.C. At the time of the merger our Group undertook that the remaining minority shareholders in Southern Portland would be offered the comparable value for their Southern shares, and the Group has recently issued a formal offer to this effect. You may know that Blue Circle Southern Cement, as the largest cement manufacturer in Australia, recently has edged into a ranking of the top one hundred of Australian public companies.

(P.T.O.)

The prevailing economic inflational pressures on prices and wages, and the shortages of goods and services are a daunting prospect for Australian manufacturers generally. Our operations are no exception. Suffice to say, to quarry, crush and grind raw materials, burn clinker and mill cement with the attendant costs, and then sell from our Works at a cement selling price of only about one cent per pound is an ever more demanding challenge to our resources. Few, if any, manufactured products sell at such a price. Our Group selling prices, which are subject to scrutiny and regulation by the Government, increased in 1973 and 1974 by an amount less than one third of the overall rate of the prevailing cost and wage inflation. Companies, as well as the public, suffer the forceful charge of the black knight, inflation. Lewis Carroll, author of *Alice in Wonderland* and *Through the Looking Glass*, might well have been picturing today when he humoured a hundred years ago:-

"Now, here, you see, it takes all the running you can do, to stay in the same place. If you want to get somewhere else, you must run at least twice as fast as that!"

In the sense of our operations in New South Wales, Victoria and Western Australia, the period now ahead will give rise to an image of the Group as a whole. The manner and conduct by which we, as individuals and groups, approach and perform our day to day tasks, will, taken collectively identify the overall distinctive personality" or "character" of our new merged Group. "Character" is not there for spontaneous display — indeed, it is and will be generated by actions within our company from the shop floor to the Board Room, and amplified in the relationships with the many people and organisations with whom we are in contact in society at large. As in the case of an individual, our Group "reputation" is derived from what we do and seek to achieve, and our manner and conduct. Society accepts these performance criteria and has shown itself to be a fair but firm judge.

Our efficiency, reliability and approach during these challenging times will establish the Group "character" of Blue Circle Southern Cement — the nature and quality of that "character identity" will depend on each one of us. Let's seek to make that "reputation" and "character" one that can be admired.

JIM LAYT.

Director Finance & Administration.



Left: Portland House ground floor receptionist, Beverley Reimer.

Below: Lucille Altona, secretary to Bill Purvis, Portland House.





YOUR EDITOR,
CHRIS KNOWLSON

EDITORIAL

Hungry? I don't just mean are you ready for the next meal, I mean are you hungry with no prospect of satisfying that hunger? I feel sure that no one who reads these pages will be in that position, but there are hungry people, many millions in fact!

When you have been enjoying a good meal, have you ever thought of those who are starving?

Often when I've looked around at the abundance of food in our land of plenty, or thrown bread to the birds, I have thought of starving men, women and children who would fight for that stale bread if they had the chance!

In the recent past our attention was drawn to drought stricken areas in North Africa. In eight countries bordering the Sahara Desert 25 to 30 million people are affected, millions of cattle have died.

At an International Red Cross refugee camp in Niger, the manager says that they are just managing to keep alive 10,000 nomads.

Nomads in Chad have been forced to eat bark and leaves to stay alive!

Recently I saw a photograph of men, women and children searching the ground for cattle pellets. The pellets had been dropped for the cattle of course, but these searchers needed them to use as human food.

These facts help me to realise that our country, Australia, is a good land in which to live. True, we have our droughts and our floods, many are struggling to pay off house or car or both, some cannot get homes, but we do have food and the necessities of life in spite of inflation.

Maybe some of us need to change our viewpoint and take a look at the things we are fortunate enough to possess — instead of the things we would like and think we ought to have.

I remember hearing a recent comment over the radio when a certain industrial dispute was being discussed; the speaker said, "It all depends which end of the telescope you are looking through." The way we look at life can either magnify our grievances or cause us to count our blessings, and if we are honest we will surely do the latter.

our apprentice successes



Charbon Apprentices. From Left: Don Watson, Michael Carini, Russel Phillips, Graeme Clarke, Alan Hill and Glen Wade.

APPRENTICESHIP AWARDS:

The Annual Apprenticeship evening was held on Thursday, 30th May, 1974, at which a good number of people comprising Apprentices, parents, visitors from Sydney Office and local areas, and members of the Staff attended. Manager, Mr. Des Saunders, who occupied the Chair and conducted the proceedings for the evening and Mr. Des Phillips, Works Engineer, organiser of the function, were appreciative of the numbers attending. Popular Principal of the Kandos High School, Mr. Doug Thompson, was in attendance and, no doubt, interested in the progress of the boys in their technical training. Mr. L. Nash, from the Apprenticeship Commissioner's Office, was the principal speaker and spoke on the history of Apprenticeships and Mr. R. McMahon, General Manager, spoke on behalf of the Company.

Presentations for the 1973 Year were made by Mr. Nash to the prize winning Apprentices:

1. Michael Perini — Fitting and Machining — 3rd Stage.
2. Alan Hill — Carpentry and Joinery — 1st Stage.
3. Don Watson — Boilermaking — 2nd Stage, (Encouragement award)

The gathering was entertained with a colour film of one of the Hardie-Ferodo Bathurst trials, which was, without a doubt, arranged with the young folk in mind. Marvellous film tho! — those racing cars travelled over the Mount Panorama Circuit 162 times. Famous names were mentioned, Moffat, Brock, etc. Very interesting indeed; producing tension, providing humour and high-lighting the contrasts in various colours.

Supper was served by the women of the Rylstone Hospital Auxiliary after the close of the function.

Below: Alan Hill receives his prize from Mr. L. Nash.



MALDON'S PERSONALITY OF THE MONTH

GREG DAVIS

Entering into an apprenticeship in order to learn a trade is in itself a creditable act for any young man, but to do so and achieve the honour of gaining first place in examinations must indeed be applauded.

Such was the accomplishment of Greg Davis, apprentice boilermaker, when he secured the highest marks at Granville Technical College recently.

Greg, accompanied by Mr. Wal Crossland, Maintenance Engineer at the Maldon Plant and Mr. Bernard Carroll, Safety Employment Officer, travelled to Granville College where a presentation was held and Greg received the appropriate certificate plus a collection of tools as his prize for a commendable effort.

(P.T.O.)

*Below:
Greg Davis, Maldon.*



Living in the township of Thirlmere, nineteen year old Greg hails from a well known family and descends from early settlers in the area. Greg began his working life, after finishing secondary schooling at Picton High School, employed on orchards in the Orangeville district. He then commenced his apprenticeship at Maldon eighteen months ago and judging by his progress, a good boiler-maker is "in the making". As is applicable to many of the employees working at the Maldon Plant, Greg's father was employed at Maldon some years ago.

Greg is the youngest member of a family of four, having a brother and two sisters.

Greg's favourite sport is cricket and when holiday time comes he likes nothing better than to travel north where he engages in salt water fishing and shooting.

Greg's recent examination success has admirably qualified him as this month's candidate for Maldon's Personality of the Month.

Berrima and Marulan Apprentices



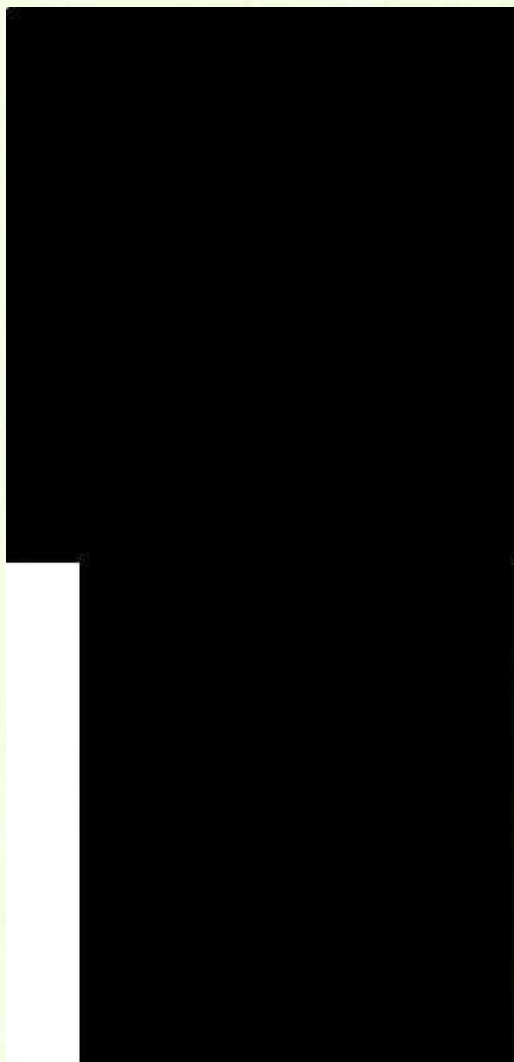
David Guymer

Greg Morris



*Jim Galloway,
Apprentice
Training
Foreman,
Berrima.*

Below: Steve Bradley receives his prize.



goulburn technical college presentation night

By Jim Galloway, Apprentice Training Foreman at Berrima.

Berrima and Marulan Apprentices were once again prominent at Goulburn Technical College Prize-giving night held on July 3rd, 1974.

Berrima Apprentices won First Prizes in all three stages in the School of Mechanical Engineering; Marulan, a First in Stage One in School of Applied Electricity and also a First in Stage Three Painting & Decorating. Berrima also gained a second in Stage III Mechanical Engineering. Congratulations to all prize winners and to the others who did not make the Prize List, remember, there is always next time.

There was a good Staff representation from Berrima and Marulan.

The Apprentices gaining Prizes were:-

FITTING & MACHINING

Steve Bradley 1st Stage I
David Guymer 1st Stage II
John Miller 1st Stage III
Greg Morris 2nd Stage III

ELECTRICAL

Chris Cooper 1st Stage I

PAINTING & DECORATING

Ken McGuigan 1st Stage III

Those gaining certificates for completion of their courses were:-

FITTING & MACHINING

Mick Baker, Mick Bareicki, Frank Burke,
Garry Guymer, Garry Hinton, Owen Lucas,
John Miller, Greg Morris, John Plonski,
Jim Smart, Lindsay Smart, Tony Traynor.

ELECTRICAL

Garry Cope, Brian Dickson, Dennis Harrold,
Bruce Jones, Peter Shanks, Robert Van Os.

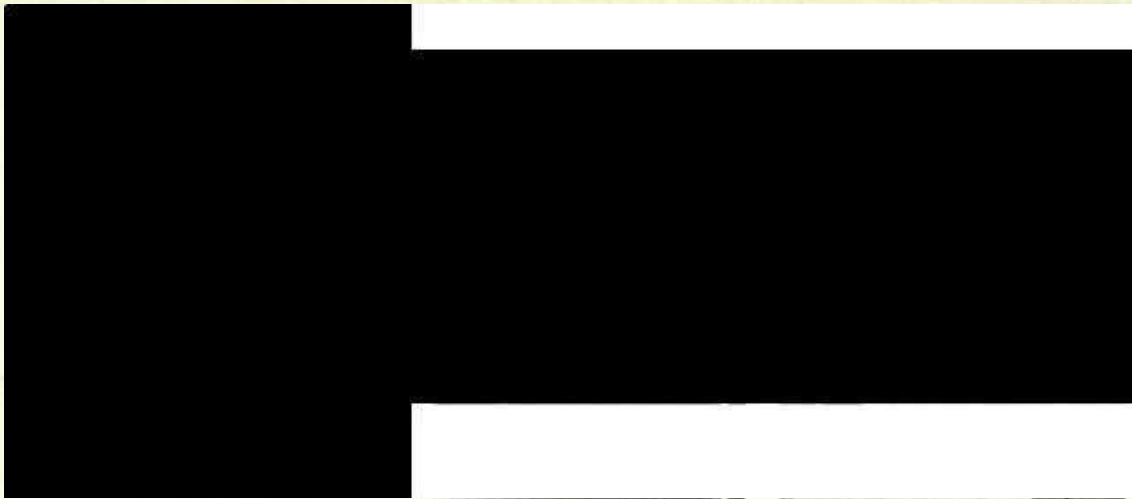
The Staff representing the Company at the function were:-

Mr. W. Gale, Works Manager, Berrima.
Mr. J. Teague, Quarry Supt., Marulan.
Mr. D. Marsden, Eng. Supt., Berrima.
Mr. K. Delderfield, Quarry Eng., Marulan.
Mr. L. Lansdown, Finance & Control Supt.,
Berrima.
Mr. K. Graham, General Maint. Foreman,
Berrima.
Mr. S. Cosgrove, Maintenance Planning
Officer, Marulan.

Mr. R. Mulready, Maintenance Planning
Officer, Berrima.
Mr. A. Knapman, Power House Foreman,
Berrima.
Mr. I. Mackey, Senior Design Draftsman,
Berrima.
Mr. J. Seahill, Mobile Equip. Maint. Fore-
man, Marulan.
Mr. K. Coates, Maint. Foreman, Berrima.
Mr. J. Galloway, Apprentice Training Fore-
man, Berrima.

To represent the fairer sex we had Margaret Mulready and Lynda Barnett receiving their Receptionist/Typist Certificates.

Also present as always was the Editor of the Link, Mr. C. Knowlson assisted by Mr. W. Strong.



Margaret Mulready

Greg Morris's sister, Robyn

Lynda Barnett



Chris Cooper

David Morris,



Gary Cope

Owen Lucas

Les Shanks

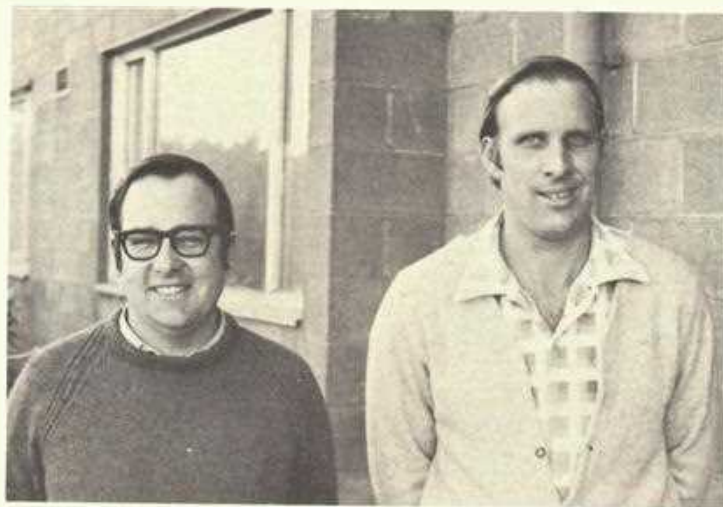
BERRIMA SUCCESSES AT WOLLONGONG TECHNICAL COLLEGE

Congratulations to Peter Knowles and Frank Ritchie.

The annual presentation of certificates and prizes was held on Wednesday, July 3rd.

Peter Knowles, Design Draughtsman, Berrima, received his Mechanical Engineering Certificate. Travelling to Technical College from this area has been one of the major problems over the years. Peter has done some calculating on this, he told me he has travelled 36,000 miles to his classes in Canberra and Wollongong! This of course would apply more or less to all who have completed Apprentice and Certificate Courses from Berrima.

Frank Ritchie, Assistant Engineer, was also successful, and he received his Electrical Engineering Certificate.



Frank Ritchie and Peter Knowles.

family safety

It's good to get safety conscious. If we can educate ourselves in this way it will motivate us in removing many safety hazards in and around the home.

Last month we were thinking particularly about the causes of burns and fires. Hundreds of young children suffer serious burns every year, and fires can so easily be caused by carelessness.

We can all become casualties in many other ways in the home too.

A large city hospital recently conducted a survey. The findings revealed that there are three major types of home accidents. They are cuts, poisonings and falls.

Cuts can happen to any of us. Who hasn't at some time or another received a nasty cut or gash when opening a food can? If we relax our attention — or allow ourselves to be distracted, we can spend the next ten or fifteen minutes trying to patch ourselves up, and then have the problem of trying to carry on our work unable to use thumb or finger, and its only when this happens that we find out just how useful a thumb or finger is! Let's take extra care when opening cans, and then get them out of the way, where they can do no harm, in the garbage bin.

It's a good idea too, to make sure that when you put sharp knives in a cutlery drawer that the sharp edge is not facing upwards! Razor blades are another hazard. I'll never forget a deep cut I received from a razor blade when my attention was distracted for a moment. It just wouldn't stop bleeding, I put a tight bandage on and went to the hospital. I had to wait so long there for attention that it had stopped before any help was forthcoming, but look at the time lost, just for a moments lack of care.

It pays to remove hazards, especially where there are children. Anything sharp must be put out of the way.

We can prevent falls by making sure there is nothing to trip over, and also by making sure that there is nothing along the usual "Walks" in a home that can cause us to slip or slide. A heavy fall can do a great deal of harm apart from broken arms or legs, and the resulting loss of time. Particular care must be taken where there are older people.

Poisonings happen mostly to young children, that's why we should be very careful not to leave medicines and tablets within reach, or easy access. Detergents, disinfectants and household cleaners, these too are poisonous.

Several children-proof poison cupboards have been designed. One of the latest and best is the Gordon Poison Cabinet described in the Winter issue of Australian Family Safety. It was designed by Professor Douglas Gordon of Queensland University.

It has a self-locking door which a young child cannot open. Three press-pull catches each 6½ inches apart must be manipulated at the same time in order to open the door. There is also a fourth dummy knob.

The Victorian Division of the National Safety Council of Australia has arranged for the manufacture of these cabinets through V.A.T.M.I. (Victoria's Aid to the Mentally Ill).

Cabinets may be ordered by writing to or ringing the National Council of Australia, Victorian Division, The Home Safety Department, 191 Royal Parade, Parkville, Vic. 3052. Telephone 3472144.



JOHN KETLEY—ASST. WORKS MANAGER
Congratulations are in order to John on attaining the distinction of receiving the College Prize of Management at the Department of Technical Education, School of Management, Liverpool College.

VOLUNTEERS

We now have a "Monthly Link" Reporter in each Department or Section of the Works. A meeting of my "Spies" will take place at the end of each month and will hopefully keep a steady flow of "Printable" material flowing forward. Our Reporters are.

Office — Mrs. Helen Hammersley.

Sales — Bill Matheson.

Boilershop — Keith Marsh.

Fitting Shop — George Wilder.

Electrical Shop — Phil Goymer.

Laboratory — Ivor Robless.

Production — Keven Warner.

Stockhouse — Trevor Brown.

"A" Shift — Ron Brown.

"B" Shift — Arthur Putland.

"C" Shift — Terry Wood.

"D" Shift — Don Martin.

FROM OUR OFFICE REPORTER

Mrs. Helen Hammersley

During the month of February, the first of an order of two N.C.R. "399" Accounting Computers arrived.

We have had a few "teething problems", but these are gradually being overcome and we can look forward to receiving the second unit in a month or two.

Electronic equipment is very sensitive to irregularities in supply and as the State Electricity Commission provide current at 253 volts and are allowed a 5% variation on this figure, the 399's built in protection is insufficient being only 220V - 260V. To overcome this and local problems a Natronic SKVA stabiliser has been installed through which the power supply to both machines will pass.

We would like to welcome Miss Christine Vlahov and Mrs. Toni Van Ingen to the happy family at "Swan". Recently we have lost a couple of girls who have the "Travel Bug." Speaking of the wanderlust, Mr. Rod Watts, one of the clerks in the Office, has just returned from a four week trip to the U.K. Looks like a film evening coming up as Rod took about 200 slides. Please disregard any gossip you hear about us getting "Overpaid."

June seemed to be the month for birthdays. Margot Brimage (General Manager's Secretary), 4th June; Neil Smith (Accountant), 11th June; Allan Terry (Company Secretary), 12th June; and Harry Martlew, (Works Manager), 18th June, and last but not least one of our newer members in Mrs. Pat Glossop, who turned 21 on the 23rd June. Phew!! What a lot of candles to blow out amongst that lot.

The Swan Cement Social Club held a very successful night early in June, with 150 people attending a dance. During the evening a raffle was drawn for a night out at "King Arthur's Revolving Restaurant." Tony Healy was the lucky one on this occasion.

It is with much sadness we have to report the death of one of our comrades in Charles Robertson (Robbie as he was known to us). Robbie who ran the Despatch, commenced working with "Swan" in June 1952 and left us in 1972 to enjoy his retirement. Robbie enjoyed life to its fullest and I am sure everyone connected with him will miss his bright and smiling face.

COMMUNICATION

As the world would know, an eclipse of the sun took place, visible in W.A. on the 20th June.

It is also well known that "Communication" is a subject under continual scrutiny in industry today.

With this in mind Bill Wilson forwards a skit from his old army days.

The Operation of the CHAIN OF COMMAND

The Colonel to the Executive: at nine o'clock tomorrow there will be an eclipse of the sun; something which does not occur every day. Get the men to fall out on the parade ground in their fatigues so that they will see this rare phenomenon, and I will explain it to them. In case of rain, we will not be able to see anything, so take the men to the gym.

The Executive to the Captain: By order of the Colonel, tomorrow at nine o'clock there will be an eclipse of the sun; if it rains you

will not be able to see it from the parade ground so then in fatigues, the eclipse of the sun will take place in the gym, something that does not occur every day.

The Captain to the Lieutenant: By order of the Colonel in fatigues tomorrow at nine o'clock in the morning in the inauguration of the eclipse of the sun will take place in the gym. The Colonel will give the order if it should rain, something which occurs every day.

The Lieutenant to the Sergeant: Tomorrow at nine the Colonel in fatigues will eclipse the sun in the gym, as it occurs every day

if it is a nice day; if it rains, then on the parade ground.

The Sergeant to the Corporal: Tomorrow at nine the eclipse of the Colonel in fatigues will take place by cause of the sun. If it rains in the gym, something which does not take place every day, you will fall out on the parade ground.

Comments among the Privates: Tomorrow, if it rains, it looks as if the sun will eclipse the Colonel in the gym. It is a shame that this does not occur every day.

Bill Wilson.

RIVERVALE'S WORKS MANAGER GETS AROUND

Our Works Manager, Harry Martlew and family recently returned from a Qantas Jet-about Tour of Singapore and Malaysia. From the stories we have heard since his return he had a most wonderful time which was greatly enhanced by the hospitality shown to them by our friends up north Associated Pan Malaysia Cement.

In Singapore he was looked after by Mr. Saw Ewe Seng and Richard Yen shown in photograph No. 1 at the Satay Palace on Singapore's waterfront. In Kuala Lumpur Bob Bracher and Kris Kidav did their best to keep him out of trouble.

Kris Kidav wished to be remembered to all his many friends he had met during his visit to Australia to attend the APCM(A) Technical Conference held in Sydney. I am informed he has not changed very much, whatever that might mean? He is shown in Photograph No. 2, together with Harry in the back garden of his home at Rawang, Selangor.



THE FOOTY POOL:

Each year Sydney Office has a Football Pool.

It is run on simple lines. All participants put in 20c weekly and are given a card each week listing the six Sydney Rugby League games.

The object is to nominate the six winners and predict the points margin on a game selected by the organiser.

The nearest correct entry wins the weekly prize of \$2.00 and you can see from this why a prediction of the margin on a selected game is used (it limits the possibility of tied winners sharing a small prize).

The balance of monies is banked and at the end of the season prizes are awarded according to the cumulative points scores for correct entries 1st, 2nd, 3rd and last).

This year Chris Arnott leapt to the lead after six rounds and at the time of writing was still holding a narrow lead of two points over his nearest rivals.

Jackie Bytala is the leading lady in the pool and is only a few points behind Chris Arnott.

Last season's winner, Paul Lamb, is also well placed and with six rounds to go there should be a close battle for the first three prizes.

Ian Sticpwich.
SYDNEY OFFICE.



Ian Sticpwich, right, speaks with Frank Morgan, one of the "Pool" members.

TRANSPORT

The smart appearance of Company vehicles has always been a sign of good housekeeping, and a show window to the public. In the past C.P.C. has always been proud of the appearance of its fleet and Blue Circle Southern has recently purchased a high pressure hot and cold water cleaner.

Until recently drivers were required to clean the vehicles they usually drove, but with increases in fleet size and type a truck washer has been employed to utilize more fully the facilities provided. Previously the tanks were washed, using a broom, with diluted hydrochloric acid and the rest of the unit by hand with sponge and detergent.

The acquisition of the Jetmaster 600 Cleaner should greatly enhance the appearance of the Blue Circle Southern fleet and allow this to be maintained during wet weather. The high pressure hot water allows the removal of heavy deposits of grease and dirt, making life for the mechanical staff so much better.

Servicing and routine maintenance time is greatly reduced, a more accurate diagnosis of worn and broken parts being possible because they can be clearly seen.

The Jetmaster cleaner has various applications and can be used for cleaning large or small mechanised parts. The time taken to start the cleaner being greatly reduced by comparison with conventional steam cleaners makes it handy for quick small jobs.

The Jetmaster has electric ignition which fires instantly. It runs on kerosene and uses either liquid or powdered detergent which can be cut off, allowing either hot or cold clean water for final rinsing.



*Miss Jerry Chalker, Receptionist Typist,
First Floor.*



Miss Linda Anderson, Stenographer.



Pat Davidson, secretary to Doug Green.

SOME OF OUR REPS

SALES

SALES REPS. MEET:

On Friday, 28th June, our N.S.W. Sales representatives gathered at Portland House for a Sales Conference. The representatives are our men in the field who keep constant contact with all our customers to ensure customer satisfaction regarding product and delivery. Seeking new sales outlets is also a very important part of their activities, for success in this sector means Company growth. At the Conference they each reported on their areas of activity and discussed sales targets for the next six months. Techniques of blend marketing and the selling and handling of the Company's lime products were also discussed. During the day two films were shown which concentrated on the skills required by successful salesmen and how to use them in the market place.



Above: John Bully — specialises in white and off-white cements. Bob Bain and Harry Arcus, both Metropolitan reps.



Left: Bruce Vance, South Coast representative and Bruce Falkenmire, Northern rep.

FOR SAFETYS' SAKE

For safety's sake, just stop and wait,
And think about your work to date,
If not for you then for your mate,
Once you've been hurt it's just too late.

Steve Chadwick, MALDON.



Steve Chadwick has been with the firm for about two years. He started as a clinker attendant and progressed from job to job. He now works on No. 2 Cement Mill.

His outside interests include fishing, reading and mineral collecting. He writes a few lines of verse and occasionally draws one of our cartoons.

P.S. He is six feet two inches, BLONDE and HANDSOME.



THE "DANGER BUG"

Safety boots are issued for protection of your feet,
And woe betide the careless if the "bug" they chance to meet,
For nothing gives this fellow such a feeling of elation,
Than to see you limping painfully, off on compensation.

SIR IAN McLENNAN, CHAIRMAN OF BHP AND BCSC DIRECTORS VISIT CHARBON AND PORTLAND WORKS.

After a "cross country" road run from Bathurst to Charbon travelling in rugged territory and through some interesting places such as Wyagdon Estate, over Wyagdon Hill (built by convict labour in the early days) ex-gold mining areas, Wattle Flat and Sofala, over the Turon River to Ilford, a very important visit took place to Charbon Works on Tuesday, 2nd July, 1974.

The party consisted of Sir Ian McLennan, Chairman B.H.P., Mr. A. W. Ogilvy, Chairman B.C.S.C., with Deputy Chairman, Sir Henry Bland and Directors, Messrs. Neal Stevens, D. S. Adam, T. K. Duncan and accompanied by Directors Messrs. A. M. M. Spurr, Technical Services and D. R. Williams, Line Operations.

After a visit to the office for a demonstration of the model of the works and morning tea, the party in charge of Manager, Des Saunders, proceeded to Charbon Colliery, where Colliery Manager, Don Watson welcomed the visitors on this occasion with an inspection of the surrounds explaining the interesting details of local mining. Back-tracking to the works the party was invited to make an inspection of the laboratory where testing procedures and equipment used were described.

Next to the waste heat boiler room and electrostatic precipitator where much interest was taken in the control of dust. A demonstration was given in this regard and a photo shows "The Eyes Have It" where some of the visitors were viewing the emission of dust from the stack and the contrast when under control.

The next stage, a visit to the kiln floor, where Sir Ian McLennan accepted the opportunity to have a look into the burning zone of No. 2 Kiln.

The Power House, a place that is always "spic and span" was given a good deal of attention with a good number of questions and answers. This completed the tour of inspection and brought to an end an important visit which, it was felt, was enjoyed by all who participated.

The party left Charbon for a luncheon date at Portland and with congratulations to those concerned in the organising as the programme was running right on schedule — if anything, just a little earlier.



Our visitors at Portland.

From Left: R. Williams, R. McMahan, T. K. Duncan, Neal Stevens, Sir Henry Bland, A. W. Ogilvy, Sir Ian McLennan, K. Hulonce (Manager Portland) and J. Burnell (Assistant Manager). Those obscured appear in the following pages.



Sir Ian looking into No. 2 Kiln.



Mr. R. Williams and Sir Henry Bland walking under No. 2 Kiln.

Charbon Visit

Mr. D. Saunders (Charbon Manager) with Sir Ian and Mr. Ogilvy under No. 3 Kiln.



Messrs. Neal Stevens, R. Williams, Sir Henry, Sir Ian, D. Saunders and A. W. Ogilvy outside No. 2A Boiler House.



Messrs. R. McMahon, T. K. Duncan, D. S. Adams, K. Hulonce and M. W. Brown
(Works Engineer). Outside Shift Foreman's Office.



"The Eyes Have It"
Messrs A. W. Ogilvy, Sir.
Ian, R. Williams and D.
Saunders looking at No. 1A
Boiler Stack to note pre-
cipitator's efficiency.



Messrs. D. S. Adam, Neal Stevens, T. West (Laboratory) and R. McMahon
discussing operation of Spectrophotometer.

women's section

Dear Mrs. Bylala,

I have a funny saying which was said by my 5 year old son. He and his friend were talking and looking at photos I have on the wall. My son looked at my wedding photo and said to his friend, "That's when Mummy and Daddy got married and Mummy is wearing a curtain."

Mrs. D. Lorkovic, MARULAN.

P.S.

I hope your page is successful as I think it is a good idea.

Dear Jackie,

One of the nice things about recovering from surgery is having time to think. So here are some ideas for the Women's Page.

Organic Gardening — nature's way of growing things without chemicals and pesticides — is practised by our family in our family plot with excellent results. However, being by nature an impatient person, I like to have quick results. A compost heap is a "Must" in any garden because no matter how good the soil to start with, by planting in it, you deplete the soil of its nutrients. However a compost heap is a lot of hard work. It must be properly covered to produce heat so it can decompose, and then it must be periodically turned over with a shovel — a most "pungent" and difficult task. I've found a short cut. In our kitchen we have a plastic container (half gallon ice cream container is ideal) into which all our kitchen scraps, egg shells, peelings of all sorts, coffee grinds, tea leaves, anything not man-made, are put. As often as it is filled the scrap container is emptied into a large plastic bag — the kind used to line large garbage bins. When it is about 2/3rds full, I tie it tightly closed and lay the bag in the garden somewhere where it gets the most sun. Every day I turn the bag over so the sun hits the other side. Do this every day or so for about 4 weeks and you have a bag of "instant" compost, ready to be dug right into the beds.

Cabbage, cauliflower, broccoli etc. taste delicious but they do nothing for the air in the house. To avoid the embarrassing odour caused by these vegetables cooking, put a slice or two of capsicum in with the vegetable. Don't know why but the capsicum almost eliminates the odour, but doesn't flavour the vegetables.

If a baby is a fussy feeder and just won't swallow the vegies he should be having (and spits them all over you and the walls) try being sneaky. Take a half spoonful of the "offensive" vegie and dip the spoon into his favourite fruit puree just to coat the vegie. His little taste buds will like the sweet sensation and he'll have swallowed the lot before he realises what's hidden underneath. Also any vegie mixed with mashed potato loses its strong flavour and your little "gourmet" may find it more acceptable.

Patchwork quilts are lovely works of art if done properly but they take as much time as a Michelangelo. To get the effect of patchwork, with lots less effort, I made a patchwork blanket cover — sort of a giant pillow slip. Instead of covering a pillow it slips over blankets. This is especially good if you have blankets that are still good but are starting to look a bit faded or worn at the edges. This is how I made mine. Using the blankets I planned to use as a measurement guide, I gathered bits of print cotton fabric from my sewing scraps and made them into 3" x 3" squares till I had enough, allowing for seams, to cover the blankets. Then I got a plain cotton sheet and if necessary cut it to the size of the blankets. The print squares were sewn together (by machine of course) into strips and the strips sewn together to form a large sheet of patchwork squares. This then was sewn to the

plain white sheet on three sides to form the giant blanket slip. The open ends were narrow-hemmed and cotton tapes sewn on in 3 or 4 places to keep the blankets from slipping out. If more than one blanket is used, it helps to tack them together in a few places so they will lie smoothly inside the cover. I've made more than one of these blanket covers and once I got impatient and couldn't wait to gather enough scraps for squares so I bought plain white sheeting and cut it into white squares, each of which was embroidered with a little flower. Then I alternated a white square with a print square in assembling the strips. It gave quite a nice heirloom effect. Another advantage of a patchwork blanket cover over a patchwork quilt is ease of laundering. Just slip the blankets out and wash the blanket cover like you would two ordinary sheets.

Hope you can use these Jackie, and I apologise for the typing. The difference between an IBM electric and a tinny portable is like the difference between a wooden spoon and an electric mixer.

Helen Staubner,
Typing Pool Supervisor.
Berrima General Office.

SAFETY BEGINS WITH THE MANUFACTURER

As a representative of Blue Circle Southern Cement Limited, I had the privilege of attending the South Pacific Earth Moving Seminar, sponsored by Caterpillar of Australia.

The symposium was held in Canberra over a duration of three days in June of this year.

Naturally, Caterpillar representatives presented papers and films to prove to all attending how good their equipment is and also to keep Caterpillar users up to date on modifications to their machines which assured its competing against other makes, models and types of machines.

Safety was highlighted and emphasised in every presentation. The Caterpillar Company spends hundreds of thousands of dollars every year perfecting safety features in their machines.

The stability of the machines has improved to the extent that, when attempting to simulate a roll-over down a steep embankment, the machines remain upright and mobile and so have to be physically rolled over from the top of the bank by the use of another machine.

Work is being carried out all year round perfecting roll bars on scrapers and bulldozers, also making the operator's cabin strong enough to protect the operator if his wheel loader or grader is rolled over and over down an embankment.

Tests are continually being carried out to reduce noise levels in the cab and so lessen the chance of an operator having his hearing permanently damaged. Spectator noise is reduced as much as possible around all points of the machine.

If the Caterpillar Company can spend so much money perfecting safety in a machine and our Company spends so much money and time to ensure the machines which are bought are safe enough for the Company's operators to use, surely then we, as supervisors and operators, can spend a little time to see these machines are operated safely on our job.

We have a good safety record for operating our Caterpillar, Terex and Euclid earthmovers — let us keep it that way.

Earth Moving Manufacturers are sure they produce safe working machines. Let us not try to disprove this fact by operating unsafely.

T. PEARSON,
General Production Foreman
Marulan Quarry.



Marulan Quarry

MARULAN GRAPEVINE

At time of writing Alan Carter and Shorty Kopeck are enjoying annual leave. Darcy Hadlow is unfortunately on sick leave.

Congratulations to Darcy Hadlow and Trevor Pearson who were recently sworn in as J.P.'s.

Noel Shepherd has returned to work—we all hope he will now keep in better health.

Our popular shop assistant from the village, Miss Jean Riley, recently had a nasty fall. We hope her stay in hospital will be short.

Tony Cosgrove was made District Grand Master of the Oddfellows Lodge — Congratulations.

Recent Safety films shown highlighted scaffolding on construction work and safety rails.

Congratulations to Mr. and Mrs. Ray McCallum on the recent birth of a baby son.

We all hope that Keith Allen will soon be fully recovered from his injury, and back at work.

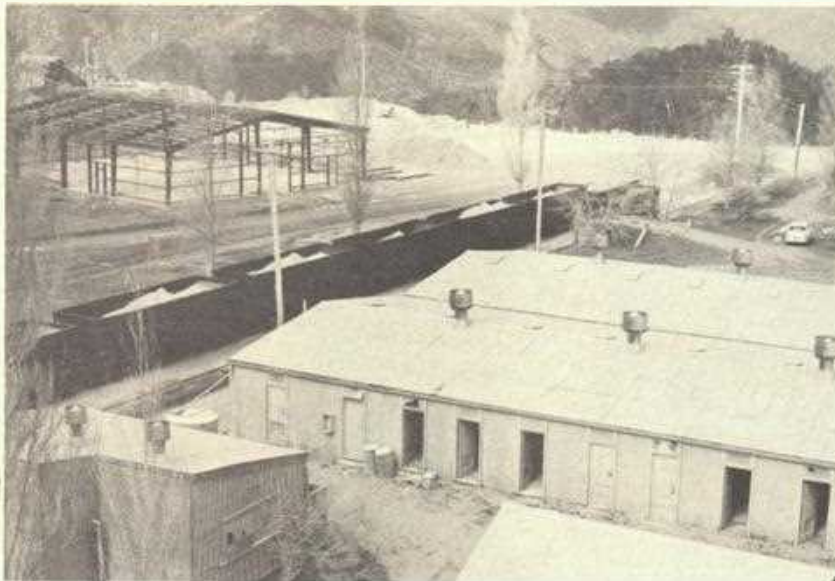


Above: Sid Turner retired on 20th July, 1974 after nearly 14 years service. John Teague, Quarry Supt. is here presenting Sid with his cheque.

Bottom Left: Angus Murphy (Store) presents Sid with a watch from his workmates.

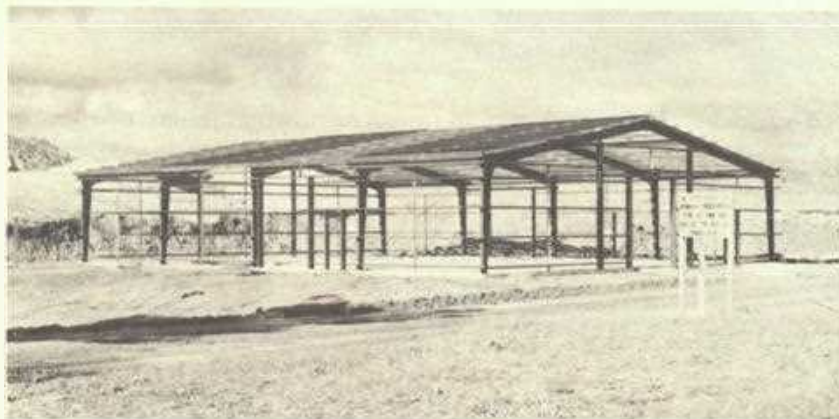
Below: Bill McCallum outside the old shed where he has been in charge of heavy stores for 14 years.





The
old
and
the
new.

The
new
Shed
under
construction.



Obituary

GEORGE IBBOTSON

All at Marulan Quarry extend their condolences to Mrs. Ibbotson, son Col, nephew Barry and close relatives on the recent passing of George on Saturday, 27th July. George worked at the Quarry as a fitters labourer for over ten years. He retired in December last because of ill health. The cremation took place at Wollongong on Tuesday, 30th July, 1974.

Berna

EDUARDS HINCENBERGS

We regret to record the death of Eduards Hincenbergs on the 4th August, 1974. Eduards served at S.P.C. from 1953 to 1964. He worked as electrical labourer, miller and carpenter, also in the Drawing Office. His son, Ginars is still with us in the Analytical Department of the Laboratory. All friends extend to Ginars, his mother, and brother their deepest sympathy.

Portland



*The
restored
office
block.*

Our Manager is well pleased at the moment with the Portland Works clinker output. No. 1 Kiln has had only four hours down time in eleven weeks, and the overall clinker output is well in excess of the average over the past six years.

Our improved lost time accident record continues, with five this year compared to nine in the same period in 1973. It is sincerely hoped the trend continues.

A competition run in conjunction with our safety promotion revealed that three departments, Quarry, Lime Plant and Packing & Despatch, worked for three months without recording an accident of any nature. Congratulations.



Our Bricklayer, Ab Baker, in the role in which he has often been seen during his 47 years at Portland Works.

Ab, who reaches his retiring age in August of this year, has been employed as a bricklayer since August, 1927. During that time he estimates that he has laid close to 3,000,000 bricks in various structures in the area.

On retirement, Ab, who is a fountain of information on local history, will remain in Portland where he will keep himself busy with his gardening and fishing.

Thank you Ab for your long and conscientious period of employment here, and may your retirement be a long and happy one.

Mr. Jim Galvin retired on the 5th day of July after serving 34 years in the Power House. The whole of this time was spent in shift work and at retirement Jim was the senior engine driver on the Stal 7 M.W. Turbo Generator.

A well attended function was held at a local hotel at which Jim was wished a long and happy retirement and presented with a handsome crystal table setting.

DEPARTURES:

Derek Brown has left his job as Shift Foreman and moved to Charbon where he takes up the position of Safety and Welfare Officer.

Farewells also to Garry Taylor, Keith Thorpe, Neville Whalen and Des Tonkin.

SICKNESS:

Vince Rochester, the Quarry Foreman, has been hospitalised and will be convalescing for some time following a major operation. Hope you are on the improve now Vince, and continue to make good progress.

The flu has taken its toll over the last couple of weeks, and does not appear to be letting up. Perhaps we need the sun out for a few days.

NEW FACES:

Noel North who joins us as Assistant Electrical Engineer. Noel comes from Berrima where he was on the Maintenance Planning Staff. Welcome also to Colin Jones who will be engaged in Production.



On the 7th July Portland were host for a Golf and Bowls Day. Visitors arrived from Maldon, Sydney Office and Berrima and although the weather conditions were most unfavourable the "hardy" golfers were out in force.

A mini golf was held for the children who appeared to ignore the weather. Before the barbecue commenced all the children released balloons and as to date no replies have been received, (except for two that travelled on 100 yards—Booby prizes).

The day finished with a social meeting in the Bowling Club.



Peter Cummins, winner of the golf prize with Ann McMahon and Peggy Hulonce.



Ken Hulonce, John Burnett, Anita Burnett, Mazi Burnett.

Below: Ted Cook, Chief Accountant Sydney Office and Len Booth, Electrical Engineer Maldon, enjoying the Portland Golf, Bowls and family day.



Portland Golf Club Course.



Left: Don Burton, Portland Works Accountant, happy with his computer.

junior's page

You perhaps remember that last month we were looking at the story of Captain James Cook. He had been chosen to lead the world's first sea-borne scientific expedition. Cook picked the ship "Endeavour" because it was roomy and flat-bottomed. He needed plenty of room for stores and he also needed a boat that could sail in shallow seas.

When he had finished his work in Tahiti, finding the positions of certain stars and planets, he headed south-west. It was believed that somewhere in this direction there existed a mysterious continent.

The first land of any size he came upon turned out to be very large islands. He sailed around both the islands and made a map of 2,400 miles of coastline. We now call these islands New Zealand.

Captain Cook then sailed on to the West and came upon more land. This was entirely unexpected. Land in this position was unknown and unsuspected. The landing parties, amongst whom were naturalists, discovered so many new plants that Cook named the place Botany Bay, and I'm sure most Australians know where Botany Bay is.

Naturally James Cook fell to wondering just how big this land was, and after sailing along the east coast and charting it for five months, he began to think it a very big land indeed.

On August 19th, 1770, Cook formally took possession of this land in the name of the King of England. He reached home eleven months later, having explored a great deal of the coast of southern New Guinea on the way.

All through the voyage James Cook had written up his journals. These formed one of the world's greatest seafaring books.

Perhaps one of his greatest triumphs was against the disease called scurvy. In those days many sailors lost their lives because of scurvy. Today we know that scurvy comes from lack of Vitamin C. We don't

know how James found out how to combat scurvy, but we do know that he dosed his men with molasses, apple vinegar, sassafras tea and cabbage, and on the voyage out to Tahiti he didn't lose one sailor.

The Admiralty sent Captain Cook out again in 1772. He was asked to search the South Pacific for a vast continent which was thought to be there. He had two ships this time, "Resolution" and "Adventure."

In the South Pacific they came to the South Polar Seas. They dodged drifting icebergs, and dared the pack ice. James sailed completely round the polar ice cap, and proved that a habitable continent near the South Pole was a myth.

Sailing north again he discovered New Caledonia and Norfolk Islands. This particular trip lasted three years.

On his third voyage he proved that it was impossible to sail around the north of North America, so there was no "North West Passage" as it had been called.

Cook had previously discovered the Hawaiian Islands. He sailed back to Hawaii again, feeling the need of a rest. To his dismay he found that he and his men were now regarded as gods. Unfortunately a tremendous storm arose. Masts were ruined and sails tattered. The natives were now convinced that Cook and his crew were just men like themselves. Some of the natives stole a boat from the Discovery and broke it up on the beach. They wanted the nails. Cook landed to demand payment for damages. Some reckless marines fired, killing a friendly chief. Fighting broke out, Cook was struck on the head from behind, and as he struggled to rise from the water, spears were thrust into his back.

He was buried at sea on the 15th February, 1779 at sunset. Thus ended the life of one of the greatest seafarers the world has ever known.

Charbon

SAFETY:

A Committee of three, comprising Messrs. R. McMahon, W. Rungie and L. Moore, visited the Charbon Works conducting a safety survey which would extend to all member Companies of the Group. Quite a comforting feeling to realise that "Safety" is of such prime importance.

The three Committee members attended the Apprenticeship night on Thursday, 30th May, 1974.

Mr. Sam Wilkinson retired on the 28th June, 1974 after 15½ years employment with the Company, serving in the production department of the factory as a process shift worker. The picture shows Sam looking into the fibre chamber of one of the Dryer Units and it was as a Dryer Attendant that he spent most of his years with the Company. A gathering of workmates, traditionally farewelled Sam at the local Bowling Club where members of the Women's Club had prepared the goodies for eating whilst the fellows were sharing a "sherbert." Presentations were made by the Manager, Mr. Des Saunders, and workmate, Mr. Wally Costello, conveying the good wishes of all. Good luck Sam, and a happy retirement in Kandos from the Charbon contingent.

PRESENTATIONS:

Thursday, 30th May, 1974, was an eventful day in the local area. The office was the scene of a dual presentation — firstly to Mrs. Lorraine Case who was resigning on the following day, after 5½ years service, to devote her time to raising a family. Not wishing to be the "lone" centre of attraction, Lorraine took the opportunity of standing beside Mr. George Rozga. George, a young fellow, who was about to enter into the state of marital bliss, was presented with a wedding gift just prior to his marriage to Miss Dianne Bainbridge of Clandulla, on 1st June, 1974. The Manager, Mr. Des Saunders, conveyed the warm wishes of our Staff members at the presentations.

Two weeks later, on Friday, 14th June 1974, Mrs. Mary Shumack, after 9½ years service, resigned to attend to her new duties of making preparations for raising a family. Again, on this occasion, before her fellow staff members, Mr. Des Saunders presented a small token of esteem and extended the sincere sentiments of her fellow workers.

Good luck to Lorraine and Mary.

For Lorraine — a baby boy — congrats again.



Right:
Sam Wilkinson on the job
before his recent retirement

Mr. Leslie V. Jordan, affectionately known to everyone as "Slim," retired from Charbon Colliery on 26th April, 1974. "Slim" hailed from Cullen Bullen—Portland area 35½ years ago to take up duties in the Coomber Colliery; on close down of this mine he transferred to Charbon Colliery on 1st November, 1957. The maxim "don't go down the mine, Daddy, you'll get your face all black," does not apply as "Slim" has been a bachelor all his life and retires in his bachelorhood to enjoy his leisure hours in Kandos, where all his friends are. A suitable presentation was made at the pit-head before his mates and management to wish him well on his way in the customary manner. The picture shows "Slim" enjoying a restful "quickie" at his favourite "local."



Mr. Peter Tacke — photographer in the Charbon area for the Magazine "The Link." Peter was born in Hamburg, Germany in 1939. Commenced with the Standard Company in 1962, as Fitter and Turner, served for 5 years; accepted a job in the Drawing Office in which he has served for 7 years and has now advanced to the position of Workshop Foreman, a recent appointment. He holds a Diploma for Engineering Drawing. Peter is married, wife Karen, and two children, Chris and Susan, 11 years and 10 years respectively.

*Mr. C. Langley, Works Manager with visitor Mr. A. W. Ogilvy, Chairman,
Blue Circle Southern Cement.*

Left: Mrs. Bev. Laurie and Mrs. Iris Millage are the cleaning ladies at Waurin Ponds. The two of them have kept things looking spic and span for nearly 10 years.

fishy tales

BERRIMA:

Unfortunately the Winter months are so cold, it's generally in this period that good catches can be expected. Running true to form was our just retired Jack Brown who landed some nice Bream and Tailor on Comerong Beach, near Nowra. Gordon Fraser (husband of our Mrs. Nell Fraser), was fishing with Jack and put him in the shade by landing a 22lb. Jewfish! Now, I saw a 52 lb. Jewie on the North Coast last year. It was lying on the seat of an 18 foot boat and its head touched one side and his tail the other! ! ! Now I can just imagine the excitement of the Fraser-Brown clan on landing such a beaut fish. Bob Friend bagged some very nice bream to 3 lbs off Comerong Beach on pippies! He said they were pretty timid and he used the classical method exclusively. This method is, at the instant of the bite, lower the rod to a horizontal position, count ten then lift the rod. This has him hooked and always works when they are timid.

Some confusion exists on the Carp front at the moment! I received a newspaper cutting from a Victorian friend showing "the deadly European Carp." The Fisheries and Wildlife Division of the Ministry for Conservation is wanting this particular carp destroyed. It is described as having upper and lower barbels surrounding its mouth. Nick Anikin, who has caught quite a few carp below our Works Dam has caught them with and without barbels. He also in-

forms me they are toothless and are apparently vegetarians. However, some reader may come up with some further information on this subject.

Did you read when a chap in Queensland caught 900 Bream in one night!

The sad story is that as he was returning Alan Gutzke was just going out. He fished in the same place and it took him all day to catch seven!

"THE SENTIMENTAL ANGLER"

*Have you ever been on a flathead drift on a
warm and sunny day,
Sipping beer from an ice cold can in some
quite and sheltered bay,
Did you ever fish for "jewies" on the last of a
rising tide,
Swapping old fish stories with a good mate
by your side,
Have you ever spun for tailor, your fingers
feeling numb,
Thinking of the warmth back home and won-
dering why you'd come,
Did you ever stalk a bream in the quietness
of the night,
And known that certain feeling as your line
inched out of sight,
Or perhaps you've been out with the mob
"mongst a myriad of lights,
And made a catch of schooling prawns, on
balmy summer nights,
For life has many pleasures, as it also has its
fears,
But the memories of an angler, will be with
him all his years.*

W. A. Featon,
Maldon Works.

Maldon

FIRE FIGHTING EQUIPMENT DEMONSTRATION

An annual event at Maldon Works is Wormald Brothers demonstration of the correct use of fire extinguishers.

Arrangements are made for all employees to participate in groups.

Experts from Wormald Brothers lecture and demonstrate the correct methods of using extinguishers.

Attendance at these demonstrations are a must for all new hands.

For the older hands the experts offer tips that are worth knowing.

Above: Ken Barrett.

Right: Kevin Carroll.

FIRST AID

SHOCK

Shock follows nearly every accident injury. Signs are pallor, clammy skin, feeble rapid pulse, and sometimes unconsciousness. Treat the cause, relieve pain, keep patient quiet and fairly warm; lying down with head low, except where skull fracture suspected. Loosen tight clothing. If conscious give warm, sweet drinks, except where internal injury to abdomen is suspected. If it is necessary to move the patient, do so very carefully. In road accidents, where safe, leave the patient on the road and divert the traffic.

DO NOT ATTEMPT THIS AT NIGHT.

Herman Egbers, MALDON.

HERMAN EGBERS — FIRST AID MAN

Herman has his ear to the ground for Link as the last port of call for all employees leaving the works.

An ardent soccer fan and dedicated family man Herman is also an active member of the R.S.L.



A schoolboy was asked to give an example of moral courage. He said: "If ten boys were sleeping in a dormitory and one of them knelt down to say his prayers while the others did not, that would be moral courage. But if, on the other hand, ten bishops were sleeping in a dormitory and one of them did not kneel down to say his prayers, that would also be moral courage!"

In the city of Manchester, England, noted in history and geography books as the centre of the world's cotton industry, there is a church yard standing off St. Peters Square.

St. Peters Square is the site of the historic battle of Peterloo. In the church yard there is a gravestone with the following inscription:-

"Remember me as you pass by
As you are now, so once was I,
As I am now, so you will be,
So prepare yourself to follow me,"

A local wag who had read the inscription added the following:-

"To follow you I would be quite content,
If I only knew which way you went."

A Maldon Analyst, Doug Newman, recently acquired a dog. It turned out to be a regular villain, attacking local stock, and finally Doug's goat. Having some affection for the dog, he arranged to send it to friends at Warren who had a pig farm. Sometime later he had word from the local railway station that a parcel awaited collection. His troubles had returned. When he arrived at the station there was his dog! Presumably it had proved too much even for the pigs, and it returned with more than it took as you will find out when you read.

AN EPIC IN VERSE

by Val Tranter, Office.

There was a young fellow named Doug,
Who owned a small troublesome dog,
The dog got his goat,
Right smack in the throat,
So was sent to visit the hogs.

At Warren, the puppy displeased,
The locals, and cats he did tease,
He was put on the train,
Came back here again,
AND NOW WE'RE INVESTED
WITH FLEAS.

There was a young fellow named Doug,
Who owned a small troublesome dog ! ! ! !



**BERNARD (BARNY) CARROLL
PERSONNEL & SAFETY OFFICER**

Barney's connection with Link is as Maldon Works Sub-Editor, he is fortunate in having such a professional team of Correspondents ranged throughout the works and very little gets by without being carefully analysed for the Magazine.



Mrs. Pat Shelley, our telephonist-receptionist, has been with us since January, 1971. Married to Bob, and with 3 teenage daughters, Pat leads a very interesting and varied life. Her main interests lie in the theatre, the arts and a great love of music makes her a fine musician.

Pat and Bob recently visited Singapore, and were very impressed with the local handcraft and fine jewellery.

"Nothing would be done at all, if a man waited till he could do it so well that no one could find fault with it."

— Cardinal Newman.

Berrima

Babies are news this week. Popular shift-fitter Jimmy Ewart and wife Christine have a new son born 15th July and over 9 lbs. in weight. James Carl are his chosen names and sisters Melissa and Julie are tickled pink about it all. What about the story we heard about the horse Jim? The way it was told to me, was that the nag couldn't stand anymore boasting about "my son" and that is why he kicked you, of course there are other rumours about.

S.P.C. was out in force at the recent award night for Goulburn Tech. A list of prize winners and those gaining certificates will appear elsewhere but to mention a few interesting items we saw:

Rick Mulready's wife, Margaret, on stage being awarded a prize for Receptionist Typist studies at Moss Vale. Rick, a former Goulburn Tech. graduate has been very deeply involved in the Computer Programming for this major plant overhaul while Margaret has done most of the required typing. Keeping it in the family?

Linda Barnett of our Credit Union was highly successful in this same field of Receptionist Typist taking 1st Prize for Moss Vale Tech. Congratulations Linda!

As a true Mittagong Patriot, yours truly, was delighted to see three members of the Morris Family of Mittagong listed as Prize Winners. G. C. (Hamey) Morris of S.P.C. was placed 2nd in Stage 3 Fitting and Machining while his sister was 1st in Day Secretarial at Moss Vale and younger brother took out Highest Pass practical wall-papering (Painting and Decorating) Stage II and received the G. R. Willson Award at Goulburn.

The "Bridge" mentioned by Bill Strong in his notes on the following page.



The Stripper at work on No. 5 Kiln, Berrima.





All roads lead to No. 5 Kiln at this time. With the "Big One" off for planned maintenance the area surrounding the kiln has taken the semblance of a gold-rush, or perhaps a battle field might be more appropriate.

A massive concentration of men, material and equipment has blossomed overnight with a corresponding township of contractors huts to cater for their needs.

Bricks, the life-blood of the kiln, take a vital role in the scheme and an entirely new approach to bricking and stripping the shell has taken place. By using Eimco pneumatic mining machines, stripping was achieved in record time as well as avoiding the most back-breaking job in the cement industry (that of barring down and clearing the old bricks). With estimates of up to 80,000 bricks to be laid, this gain in time was appreciated by no-one more than Bob Magnus, (O.I.C. in this Section).

The many changes evident in this shut-down give evidence of the wealth of planning which has been done. For example, Harry Chapman's new bridge over the cooler chute which allowed the miners and fork lifts to be used. A re-designed brick hoist bringing pallets to the kiln floor. Bob's Arches which started life experimentally but proved so functional in use, even those mobile scaffolds which caused many a sly grin before we saw them in action.

Not everything went as planned and there are times when "yer can't elp larling" even though these things are in deadly earnest to those involved. Take the bloke who dropped his screwdriver into the gearbox and in his frantic efforts to retrieve same, fell head first into a hundred or more gallons of oil. Surely the most slippery "streaker" of all time as he shot off to the showers.

2-I-C on the bricklaying, Ray McCallum has a special reason for celebrating this week. Wifey presented Ray with a brand new baby boy. Chris by name and 7 lbs 9½ ozs of fighting bone and muscle. Looks like another candidate for Goulburn Stock Car Raceway, hope to see you there next meeting Ray. Best bring bub and get him used to it.

Mrs. S. Morris, Telecommunications Supervisor, Portland House, on a recent visit to Berrima. She is seen here with Mrs. M. Madden, Secretary Technical Services Centre, Berrima.



Portland and Sydney.

Weather conditions were far from pleasant, but golfers, being a hardy race of persons, braved the elements and splashed their way around the 18 holes.

Children were catered for with balloons with name tags and "mini golf". The ladies were treated to a bus trip to well known artist, Reg Campbell's property where they were provided with scones and tea.

A barbecue type lunch was provided at the Bowling Club, and our thanks are extended to the Younger Set for the fine work they did.

Golf winners were:-

Closed Event — Peter Cummins, Portland.

Second Nine — John Ketley, Maldon.

Nearest the Pin—Peter Cummins, Portland.

It is intended to have another Blue Circle Southern Day at Blackheath Golf Club on 15th September, 1974.

MARULAN

The Marulan soccer boys are still sharing the lead at time of writing, July 19th.

The under 14's and under 12's are leading in their respective competitions.

The Rugby League boys are now out of the semi-final. It now appears that the Grand Final will be played on the Marulan South ground which without doubt has the best facilities in the district.

Right: Mrs. C. C. Crowe of Berrima Bridge Nurseries, Old Berrima, who has written Gardening Notes for S.P.C. Newsletter since 1959. We are grateful that Mrs. Crowe is continuing her notes for Link.



GARDEN NOTES FOR SEPTEMBER

FLOWERS: SOW: Alyssum, Antirrhinum, Aquilegia, Aster, Coreopsis, Celosia, Candytuft, Carnation, Dahlia, Delphinium, Dianthus, Escholtzia, Gaillardia, Lobelia, Lupin, Petunia, Phlox, Portulaca, Salpiglossis, Statice, Schizanthus.

PLANT: Antirrhinum, Carnation, Clarkia, Dianthus, Lobelia, Petunia, Phlox.

VEGETABLES: SOW: Beetroot, Broad Beans, Carrot, Onion, Peas, Parsnip, Parsley, Spinach, White Turnip, Tomato, Capsicum, Lettuce, Mustard, Radish.

PLANT: Garlic, Herbs, Lettuce, Potato, Rhubarb, Tomato (under shelter).

This month brings us once more to Spring and although some of our trees and shrubs have flowered earlier than usual this year, there is still plenty of blossom to come.

The planting of Summer-flowering annuals can be commenced now. A few handfuls of complete fertiliser should be dug into the garden beds to provide nourishment for the young plants.

Early flowering fruit trees such as flowering Apricots, Plums, Peaches and Almonds should be pruned now to keep them in good shape, cutting out any growths crowding the centre of the trees.

Shrubs, ornamental trees and perennials can still be planted, also Gladioli and Iris.

Top-dress lawns towards the end of the month. Weed lawns carefully now and if clovers are present, apply a dressing of Sulphate of Ammonia, dry, at the rate of 4 ozs. to the square yard. Leave for two days and then water thoroughly. The clover and sappy weeds will die and the grass will soon recover, covering the brown patches.

Keep watch for aphids on new growths on roses, camellias, etc., and spray immediately.

Make sure that any garden renovation is finished this month before the hot weather arrives.

safety slogans

MAKE UP A SAFETY SLOGAN AND WIN A PRIZE — YOU MAY ALSO SAVE A LIFE
HOW TO ENTER:

The slogan can be of one or two lines. Think about safety and how it concerns you in your individual life, in your work, and in your home and recreation.

Then take a piece of paper and write down ideas, any thought, that might come to you concerning safety, then change around the words and try to make them into a slogan.

All you need is one or two lines that present a clear safety message. You can use rhyme and rhythm if you wish, but this is not absolutely necessary.

Entries will be judged for each plant or Group and winners published. The message conveyed and the method of presentation will count a great deal in making your slogan a winner. A slogan that can be easily remembered, is, of course, of greater value.

The following won prizes in our slogan competitions held some years ago in the S.P.C. Newsletter. They will give you an idea of what is required.

"Keep alert, or you may get hurt."

"Safety for all, all for safety."

"In order to collect full pay

Just work safely every day."

The prizes will be as in our two previous competitions. \$5.00, \$3.00, \$2.00, and five of \$1.00 each.

WHY NOT HAVE A GO?

THE LUCKY ONES

CROSSWORD PRIZE WINNERS

RIVERDALE, W.A.

Fourteen correct entries in the crossword puzzle were received. Harry Martlew, Works Manager, drew the following successful names from Bill Wilson's hat:

First \$5.00 Mrs. H. Hammersley.

Second \$3.00 Mr. I. Stiubei.

Third \$2.00 Mr. N. Pember.

Consolationss \$1.00 each:

Master R. G. Wilson, Mr. D. R. Martin,
Mr. B. Park, Mr. K. Hughes, Mr. D. Lucas.

WAURN PONDS:

First \$5.00 Ken Massey.

Second \$3.00 Ron Smith.

Third \$2.00 Nik Hickey.

SYDNEY OFFICE:

First \$5.00 Jim Stowe.

Second \$3.00 Ian Stipwich.

MALDON:

Winners were drawn by Margaret Reid at the Safety Film Session.

First \$5.00 Les Whymark.

Second \$3.00 Steve Chadwick.

Third \$2.00 Roger Elsworthy.

Consolation Prizes \$1.00 each:

Peter Driscoll, Bruce Young, Valda Humphries, John Ruddiman, Mary Carroll.

BERRIMA:

First \$5.00 Ed Humphries.

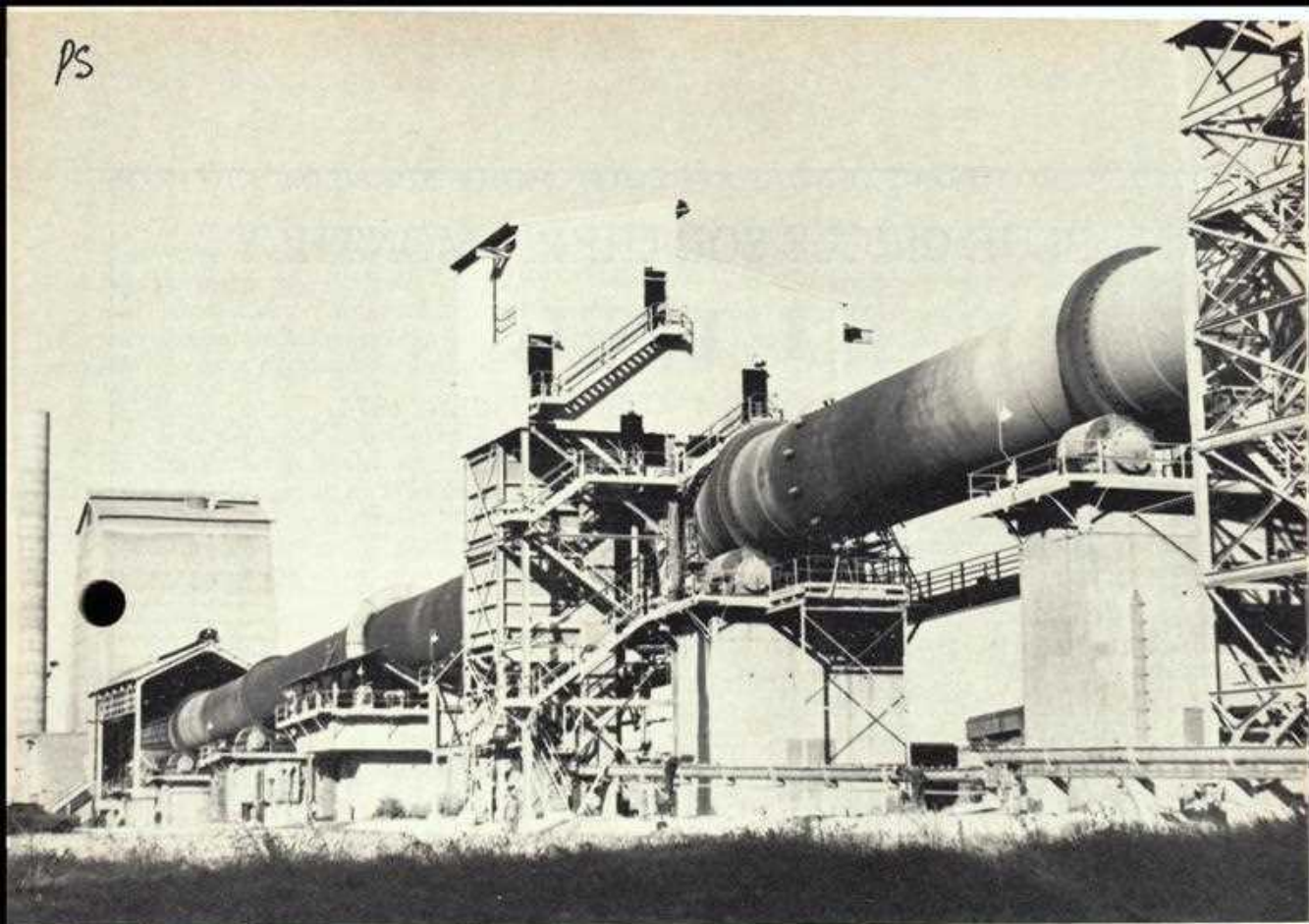
Second \$3.00 G. Dickson.

Third \$2.00 M. Dickson.

Consolation Prizes of \$1.00 each:

Max Thorpe, Colliery, Julian Baumann,
Brian Fletcher, Marulan, Mrs. B. Seville,
Mittagong.

PS



No. 5 KILN, BERRIMA, TAKEN DURING THE RECENT OVERHAUL.

BLUE CIRCLE SOUTHERN

Vol. 1 No. 4.

SEPTEMBER, 1974



MONTHLY LINK

BLUE CIRCLE SOUTHERN MONTHLY LINK

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BERRIMA: Bill Strong.

CHARBON: Bill Blain.

Photographs: Peter Tacke.

KOORAGANG: Kev. Mitchell.

**MALDON WORKS AND
QUARRY:**

Barney Carroll and Team.

PORTLAND: Ken Patterson.

Photographs: George Render.

RIVERDALE:

Bill Wilson and Team.

SYDNEY OFFICE:

Bill Rungie.

TRANSPORT:

Boyd Munday.

WAURN PONDS:

Frank Jensen and Team.

Photographs: Max Beacom.

WOMEN'S SECTION:

Mrs. J. Bytala.

GARDENING:

Mrs. C. C. Crowe.

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MONTHLY MESSAGE FROM YOUR MANAGING DIRECTOR

There can be few, if any, who are not concerned at the rate of the inflation spiral which is affecting all our lives. It is true that the majority of the free world is similarly affected, but it is tragic that Australia is affected to the extent it is. Governments have at their disposal fairly limited power to check inflation of this nature due to internal political pressures and international obligations. It is a sad reflection on the progress of the world that very little appears to have been achieved in the discipline of economics since the depression of the late 1920's

It is simple fact that inflation and productivity must work hand in hand and that a country with the mineral resources we have, could ride this inflation with ease and maintain its standard of living. In fact, we could come out ahead of practically every other country affected by inflation, but it is doubtful if we will do so. Our inflation has been accompanied by an unprecedented pressure of wage demands and industrial unrest. It is the latter, with its resultant strikes, go slow and overtime bans which reduce productivity and create the climate of disaster.

Increasing inflation and reduction in productivity inevitably creates a bubble, which, when it bursts, can only result in unemployment and a reduced standard of living. There is just no winning post.

Our Cement Industry has not been without its own industrial problems, but unfortunately has been beset also by those of the Building Industry, the Transport Industry, the Oil Industry and many other factors affecting productivity. In addition, during the last six months, the weather has been far from kind.

This all adds up to the fact that our new Group has fared far from well in production, sales or profit. In this we are little different from most manufacturing industries and far better off than those industries relying on exports — but this is cold comfort. The spectre of considerable unemployment is right ahead but, with a little luck, it is hoped that it will not affect our Industry.

The foregoing all sounds gloomy, as indeed it is. We can do little to help the overall national economy, but we can do something to help ourselves. "Keep the kilns turning — look after the plant that is in your care — keep production going." In return, the plant will look after your jobs and do its best to protect you against the adverse factors prevailing at the present time.

I realise that this "message" is perhaps discouraging; it is meant to be the reverse. It is all a question of give and take. The time to give has arrived.

22-8-74



Eric T. L.



Each month the Company's Board of Directors meets to determine the policies which shape the direction of the Company's activities. Pictured at the Board meeting in August this year, from left to right, Messrs. D. R. Williams, A.M.M. Spurr, G. S. LeCouteur, R. R. Law-Smith, T. K. Duncan, J. E. Layt, N. F. Stevens, D. S. Adam, Sir Henry Bland, Deputy Chairman, Messrs. A. W. Ogilvy, Chairman, F. E. Taylor, Managing Director, I. W. Adams, Company Secretary.

EDITORIAL . . .

During the Second World War, at one period, I was working with a companion in Scotland. Arriving in Greenock one night at a rather late hour, we had difficulty in finding accommodation. After a long search we found a place called the "Trades Hotel". Suffice it to say it was one of those places where one can get a night's lodging cheaply. Being wartime the food was rough and ready and not exactly first class. Nevertheless we thanked the girl who served our table. She stood as though not able to believe her ears, so we repeated, "Thank you very much". "Oh!" she said and walked away with a backward look at these war-time visitors who were evidently so unusual in her particular world.

Recently I received a thank-you note for a small routine service. It was the first I had received for this particular service and it started me thinking, "Thank you". Just two words but they can make a person feel good inside; make him or her feel that they are needed and appreciated. It usually follows that even more effort and care goes into the job.

No doubt we have all been met with silence or criticism when we have tried hard to do a good job. It just seems to come natural for us to find fault rather than look for the good points in a person and his performance. What a difference it makes if the boss says thank you for a job well done and what a difference it would make to the boss if the employee said thank you when receiving a rise in wages or when the boss is trying to improve the amenities in the place of work!

The growing tendency in these days is to take everything for granted but a great change can take place if we remember that we are all very much alike and words of appreciation can work like magic, even if only two words, such as "THANK YOU".



Mr. Bill Blaine is your representative at Charbon, born in Scotland many long years ago, and has been employed by the Standard Company since 1930 — the only break in this period was for war service between 1941 and 1945. Bill is at present Works Secretary of the Company and has held this position since 1957. He is an associate of the Australian Society of Accountants, a past President of the local Rotary Club and a past President of the local branch of the R.S.L. Married with wife, Lola, and 4 children — 3 girls and 1 boy.



Jack Bloomfield, centre, with Don Moore and Bill Townsend.

RETIREMENTS

Jack Bloomfield

After 42 years with B.H.P. and its associated companies, Jack Bloomfield has finally called it a day.

To mark the occasion a number of Jack's workmates gathered at the Services Club to wish him well and make a presentation.

After some prodding, we learned that Jack started his service back in 1932 at Wellington where the company was engaged in Alluvial Gold prospecting. This job entailed shaft-sinking in steel caissons to depths of well over 100 ft.

Jack next helped to construct the Dredge used to recover the gold and stayed on as an operator for some six years before travelling to Queensland to the company's tin prospects. Wartime saw him at Nettles Creek, (famed for its hot springs), engaged in the recovery of Alluvial Tin, a vital commodity at that time.

Nine more years, then back to Wellington and the dredge, where he stayed until its job was finished and the project finally abandoned.

Last, but not least on the list, came Berrima and his 16 years (less nine days — he is quick to point out), for S.P.C.

Wellington born, and back to Wellington to retire in the house he has recently purchased, Jack cannot recall losing one days work through an injury, certainly not in the last 16 years as the records show.

(The only sad note to this story is that a couple of weeks before he retired, Jack's car, parked in a quiet street in Moss Vale was completely wrecked when struck by another vehicle which was out of control).

page four

Berrima

TWO PROUD RECORDS



A parting gift for Ken Maclean presented by Eric Johnson, Shift Foreman.

Ken Maclean

Ken Maclean was the next to leave us, with 19 years and 4 months chalked up. Ken has hung up his bash-hat for the last time.

A native of Inverness, Ken is Ex-Royal Navy which speaks for itself; further, he was part of that "Elite" group, the Submariners. T.V. heroes claim the glory, Ken claims he was lucky and is more than willing to speak of his brothers, one of whom received the "George Medal for Gallantry". Of his own narrow escapes it is sufficient to say he still remembers how it feels to be under depth charge attack with a lot of ocean above you.

Below: Ken and his wife at the farewell.



Ken stayed on in Britain, long enough to assist in the refitting of the Liners' Queen Mary and Elizabeth, for passenger service, before migrating to sunny Oberon. Hailstones that tore his market garden to shreds and rain that washed his soil away forced him to abandon his farm and eventually he, his wife and two sons settled in Moss Vale.

A shift-worker from the day he started, Ken has worked in all sections of the Plant, a quiet, modest man who in the best Naval tradition, gets the job done.

As your friends wished you at the send-off, Ken, "Good Health, good friends and good times in your retirement".

BERRIMA GRAPEVINE

John Zaranski, Senior Production Foreman, at Berrima is taking the family north for the holidays. John is looking forward to a well-earned rest in the sun. No. 1 Son, John Jr. is off in the opposite direction having earned a bus trip to Tasmania. (earned is the operative word,) since rumour has it that the lawn mower may never be the same again).

Ray Macallum, (mentioned last month), did not disappoint us in his Speedway performance.

Followed by a pack of snarling "XU1's G.T.R.'s and the like, Ray received the checkered flag more than once in the afternoon's racing. His old F.J. bears little resemblance to its original showroom look, but might easily be mistaken for a U.F.O., when the power is turned on. Our summing up "H — for Hair-raising".

Johnno, (Eric Johnson - Shift Foreman), is a keen fisherman and a reasonably successful one judging by his latest effort. Thirty odd "Tauker" outside Sydney Heads. He could well be compared with Ray since the humble fishing-boat was powered by a twin 450 h.p. motor.

Soon to go on holidays he is planning a trip to Queensland's Sunshine Coast. No need to wonder why; on a recent night-shift he suffered an inch of snow, several frosts and cold winds.

Recreation Club activities are growing and the club is looking forward to a big roll-up at its N.S.W. Golf Classic next month Blackheath is the Venue and we're hoping for a big win for Berrima. Ask "Huteh" about the Beef and Burgundy, if you have time to listen. He has some problems!



Col Pickering Jr., Chemist Quality Control, recently transferred from Berrima to Maldon, where he will serve as Works Chemist.

Congratulation to David and Alison Parker on the birth of their first daughter, Sally Ann. Sally was born on the afternoon of the 18th August, 1974 and was 6 pound 11 ounces. David is the Purchasing Officer at Berrima Works.

If you are interested in joining the newly formed Go-Kart Club at Berrima contact Ian Mackey, Senior Design Draughtsman, Drawing Office, Berrima, who is the Secretary.

On the 24th August, 1974 a Conference of Electrical Inspectors was hosted by Berrima County Council. They visited Berrima Cement Works in the afternoon.

Miss Helen Ferrier, Typist-Receptionist-Librarian at the Works Office, Berrima, Helen, of Scots descent frequently wears various tartans. Here she is wearing the Royal Stewart Tartan, a typical Scottish lassie in the snow.





Nik Anikin recording incoming work, ordering supplies and planning for production



Above: Assembly Artiste Mrs. M. Barrand typesetting and preparing art work. Margaret is the "half" mentioned in the story, the "better" half.

BERRIMA REPROGRAPHICS CENTRE

—by Nik Anikin, Chief Reprographist

"What on earth is reprographics?" — Something like that may be your reaction to this heading, but when you understand a little of the variety of jobs we are called on to do, you will be convinced that there is a great deal more to it than just "printing". Literally, 'reprographics' means reproduction or multiplying of images written or drawn. Although the process entails a great deal more, reprographics is undoubtedly the best word.

Of course our main job is to produce as much of the company's printed stationery as we are able to by the well known method of offset lithography. It is usually done by our staff reprographist, Roy Taylor, on a Rotoprint 30/90. This machine is capable of handling sheets varying in size from 4 x 6 to 13½ x 20 inches.

From a small beginning with one second-hand table top offset duplicator about six years ago, our in-plant printing operation has grown into what must now be considered the best workshop in this district capable of producing any kind of printed matter (excepting of course cement bags). In addition to printing, we maintain supplies of general stationery items from pens to pins, manufacture items by special request such as binders and covers, provide a photographic copying service of bromide prints, projection transparencies and slides. At times we have to fix things around the plant such as copying machines — even ladies shoes.

One vital statistic extracted from our records shows that in the 12 months May 1973 to May 1974 we have produced an average of 8.47 A4 size sheets of printed paper for every ton of cement at Berrima. An estimated 87% of this company's printed consumption was produced here over the last three years.

A printed form, simple as it may seem to the originator, undergoes a number of work stages.

Left: Our camera and the operator photographing the prepared art-work.





Stage 1. When a job reaches the desk of the chief reprographer it is registered, evaluated and allocated a place on the planning board according to the priority given and total production requirements. At this stage the form is also checked to see that it is not duplicating any other form in existence.

Stage 2. The job then passes to the assembly artist for typesetting and artwork preparation.

Stage 3. The finished artwork is photographed onto film negative, bromide positive, or any other medium required for the particular job. Our camera is a vertical process type "Helioprint" with three interchangeable lenses, quartz iodine illumination and capable of enlargement or reduction ratios up to 40%.

Stage 4. Films, mostly litho/orthochromatic type are then processed in our darkroom.

Stage 5. The processed film negative is retouched to correct any deficiencies and stripped into a required layout onto an aluminum foil "plate".

Stage 6. The film negative is then placed into a vacuum frame in contact with a pre-sensitized plate and exposed to an ultraviolet light source. The plate is then treated with chemicals to develop and fix an image.



Top Left: Processing film (in the dark of course)

Top Right: Assembly and stripping of film negative for plate making. "Lay-out designer at his best".

Above: Making of the printing plate — (You've seen him before).

—continued over page

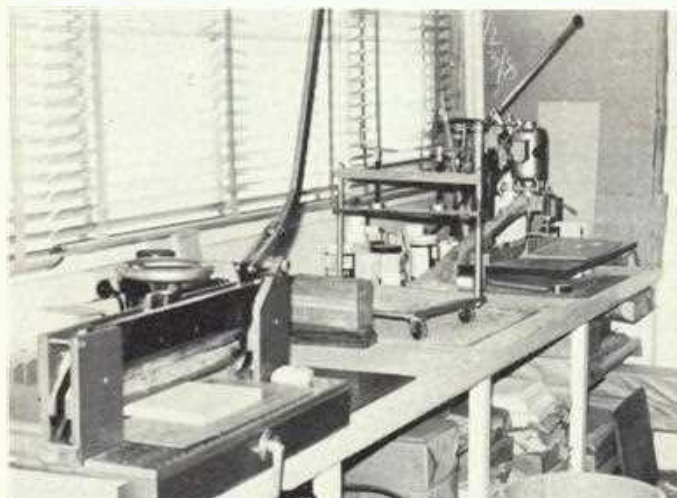
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Printing-Reprographist Roy Taylor and the main piece of equipment.



Punching holes during the finishing operations. A "relaxing" job.



Stage 7. The finished plate then passes to our machining stage where our staff reprographist prints the ordered job.

Stage 8. Having completed the machine run, printed sheets are then assembled and finished off by our bindery section. The "finishing" includes padding, binding and drilling of holes as needed.

Stage 9. The finished article is now trimmed to size, packed and despatched.

In our workshop we have assembled a number of pieces of equipment which are used in these various production stages by a competent staff of $2\frac{1}{2}$! Note: The " $\frac{1}{2}$ " is meant to indicate that one employee is on half-time only.

Waurn Ponds:
Blue Circle and
VPC Teams. Left
to right:
R. Smith, J.
Truswell, T.
Anderson, Part of
W. Meesen, K.
O'Brien, G. White
E. Malesza, J.
O'Neill, K. O'Neill
"Ring In".

New faces at Waurin Ponds are Jim Carter and Vanessa Cook. Jim has taken up the position of Relieving Clerk. Vanessa is with us in a temporary capacity and will be engaged on general office duties for the next few weeks.

First Aid Certificates were gained by Trevor Hill, Ken Moore, Ralph Ramaker, Frank Jensen, John Englesman and Harry Wright following their successful completion of the course organised by the Geelong Branch of the Red Cross Society.

Congratulations are in order to Trevor Hill for gaining equal top marks in the examination and Harry Wright in attaining Bronze Medalist standard in the Society.

etc A postcard was received from Jim Allan holidaying at Gove. Jim and his wife were staying with their married daughter.

Also enjoying some annual leave recently were Harry Wright, Roland Cantwell, Brian Shelley, Mick Gray, Alan Ollis, Paul Foster, Jim Coutts, John Truswell, Bill Theobald, Garry Baum, Ian Norsworthy and Dennis Bates.

Waurin Ponds could probably support a "Jet Setters Club" judging by the number of people travelling overseas. Ernie Schneider has just returned from a trip home to Germany. Fred Stotz left for Germany on August 6th and Herman Bieser is sending his daughter to his family in Germany for 12 months.

Waurin Ponds should be well known (if it already isn't) in that part of the world.

Val Cvetkovic tells us his wife and daughter are enjoying a trip to their former homeland in Yugoslavia.

From the Laboratory

Jack Moores is spending a minimum of time in bed while in hospital recovering from a recent operation. Jack takes long walks carrying his satchels and apparently hospital staff have difficulty finding him when wanted. We hope to have Jack back in full health in the near future.

Ted Meesen and Wally Lake are not only expectant fathers. They are both married to expectant mothers.

Paul and Helen Foster recently enjoyed a holiday in Adelaide.

Waurin Ponds



Jim Carter



Vanessa Cook

Herman Bieser is going through a very trying period. Herman and Cathy have assisted in the birth of some twenty calves in the last two weeks. Meanwhile their eldest daughter, Julie, is off to Germany for twelve months very soon and final preparations and goodbyes are in full swing.

Policeman to motorist:

"What do you mean by parking here?"

Motorist:

"Well, just look at the sign officer, it says fine for parking!"

(A Mick Hickey, Waurin Ponds Special).



General view of the Twin Batch Concrete Plant

NEW PIONEER PLANT

On a recent tour of some of our metropolitan customers, the editor had as guide Bob Bain, one of our Sydney representatives.

Our visit to the new Pioneer Twin Batch Concrete Plant at Blackwattle Bay was an interesting experience.

Aggregate comes by sea from Bass Point on the South Coast of N.S.W. and is discharged from the ship by conveyor into six 1000 tonne silos. The Concrete Plant draws material from these six bins by conveyor into any one of twelve 100 tonne overhead bins.

Sand comes in by road as does the cement from Maldon, Charbon and Portland. There are eight 100 tonne cement storage silos.

The Plant has a capacity of 270 cubic metres per hour with provision for automatic weighing.

One great advantage is that the plant is situated only ten to fifteen minutes from any city job.

FAMILY SAFETY

"Taking a week off, got a pile of jobs to do around the house". How often have we heard similar words, or used them ourselves. One of the "popular" jobs is painting the house, both inside and out, or we might want to catch up on the gardening.

We are anxious to get on with the job, and we may find ourselves taking risks that we would never take at work. One of the greatest hazards comes through the careless use of ladders and trestles. We perhaps do not take the time to get the ladder level and firmly placed. We go up the ladder carrying a tin of paint and a brush. Then we find the ladder wobbles, we do not want to go down again to make it safe, too much of a chore. We reach as far as we can with the paint, and then a little further. There is another small piece we would like to paint without having to go down and move the ladder, it is almost out of reach, so we assume an even more precarious position. Stretching to the utmost we strive to reach it, just to save the extra labour and time we would spend in moving the ladder and getting it firmly placed. You may not have done this, but many have — and instead of getting the job done and enjoying it, they have spent weeks in hospital. The old saying, more haste less speed is true once again. So what? We need thorough preparation in order to do the job safely and well. We need to take time to see that our ladder is firm and safely secured with a rope, if there is no one to hold it. Or, if we are using trestles and planks, that the trestles are level and the planks cannot slip off.

When painting indoors, it is a good idea to make sure that there is adequate ventilation. Without an abundance of fresh air the fumes from the paint can give an effect similar to intoxication, and this can prove dangerous.

Then, what about gardening. I remember one time when a boy I accompanied two school friends to an allotment rented by the father of one of the boys. Perhaps I should explain than an "allotment" in England is a small piece of ground rented from the council, which can be used for growing one's own vegetables, it is very often some distance away from where a person lives. On this particular day Jack, for that was the boy's name, had been asked to dig some potatoes. After digging for some time, he was probing about with the fork in the piled up earth for the usual stray potatoes, when suddenly Wilf, who was the third member of the group, let out a terrible yell — one of his boots had been covered with loose earth and Jack's fork had gone right through the boot and Wilf's big toe! This leads me to the danger of leaving garden forks lying around with the tines pointing upward, or leaving rakes in a similar position. It is better to stick the fork into the ground, and make sure that the tines of the rake are groundwards.

This of course is particularly important when there are small children around. Thinking of young children reminds me that they usually put everything into their mouths, or try to. It's a good idea to keep an eye on them where certain plants and bulbs are concerned. In "Australian Family Safety" I recently read an article by Dennis Smedley. He pointed out some of the poisonous plants and bulbs that are in our gardens. For instance Hyacinth bulbs may be fatal. Daffodil bulbs are fatal, so are Poinsettia leaves and Wisteria seeds. Rhubarb leaf blades are also poisonous. All we can do is to impress upon the children not to put leaves, berries or seeds into their mouths. If there are several small children, it would be a good idea to grow non-toxic plants.

Kooragang

MR. KEVIN F. MITCHELL was appointed Sales Manager of Adelaide Cement Co.'s Newcastle Branch in July, 1969. Mr. Mitchell brings a background of responsibility in engineering to his task. After his discharge from the R.A.A.F. in which he served six years as engine fitter, Mr. Mitchell joined the mechanical staff of A.I.S. Port Kembla and was engaged in specialist welding.

Completing a four-year course in welding at North Wollongong Technical College, he joined Australian Liquid Air (N.S.W.) Pty. Ltd. as Depot Supervisor and Representative. Later he transferred to Newcastle as Branch Manager before taking up his present appointment.

Mr. Mitchell is a member of Cardiff Rotary Club and Newcastle Business Men's Club. He lives with his wife and family at Cardiff Heights.

MR. S. M. (Matt) HAMPSON Quality Control Officer, has had long experience with concrete in the Newcastle district, so his appointment is a particularly appropriate one.

Since 1953 he has filled responsible positions as supervisor over construction staff at Wangi Power Station; on its completion he transferred to the soil and concrete laboratory at Vale's Point Power Station.

More recently he worked in the transmission division at the important Waratah Substation and left the Commission after 16 years to take up his present position with Adelaide Cement.

Mr. Hampson was educated at Newcastle and Broadmeadow High Schools and after successfully completing the Commonwealth Training School course in mechanical engineering he was at John Lysaughts Pty. Ltd. for 9 years.

Right: The two new 750 tonne cement storage silos recently completed.





MR. T. W. (Bill) BYRNES

who was engaged by Adelaide Cement as clerk of works during construction of the Kooragang Island plant, has been appointed general foreman.

The appointment follows a career as foreman in the building industry in which he has been engaged on projects ranging from housing to multi-storey work.

He recently completed a period of two-and-a-half years as general foreman with Concrete Constructions in the building of the multi-million dollar wheat terminal at Carrington. A native of Newcastle, Mr. Byrnes is well-acquainted with building requirements in the district.

JIM CONROY

Jim Conroy as the General Manager of Victoria Portland Cement is our man in Victoria.

It was back in 1948 that Jim began his association with the cement industry. He first joined the Queensland Cement and Lime Company as a chemist and was then transferred up to North Australian Cement Limited at Townsville. From there he went to Metropolitan Cement and was there when Commonwealth Portland Cement bought the Company. After five years at Metropolitan, Jim was appointed Works Manager of the newly formed Victoria Portland Cement Company and took part in the commissioning of that Works. He was appointed General Manager five years ago and is presently located at the Company's Melbourne Office.

Away from the office Jim's wife and two young children keep him fully occupied. He attributes his very high golf handicap to this cause.

He believes a Company's most valuable resource is its people and the art of management as being the efficient utilisation of all resources available. Through the recent merger two groups of people have been brought together and a gradual evolvement of a single group now taking place.

Jim is pleased to be able to assist in the formation of the new team and looks forward to being one of its participating members.

Safety Record Broken

Maldon Works on Tuesday, 6th August equalled the previously set record for the year of 78 days free of disabling injury.

To recognise the event, each person in the Works will participate in a draw for a Home and Camping First Aid Kit, each week that the newly established period exceeds the previously established record.

The first draw was held on Tuesday, 13th August. Steven Chadwick, No. 2 Cement Miller and Correspondent of Link, was the lucky winner.

The aim is for every person in the works to become, eventually, the owner of a similar *First Aid Kit*.

Maldon Chit Chat

The Social Club members have just had a night out at the Campbelltown Catholic Club. 110 gals and guys had quite a time. Ron Fish, Bobcat driver, had quite a profitable evening, while Helen and Roger Elsworthy, lost a little more than their shirts. Its great to see members support their club.

Our receptionist, Pat Shelley, has been transferred to the terminal room and is fast becoming an expert operator. No pun intended there, Pat. Pat finds the work most varied and interesting.

Paying us a visit from Sydney Office was telephonist Shirley Morris, it was Shirley's second visit to Maldon in the 12 years of her employment by the Co.

The fitters shop these days, is housing some crack shots. Winning the Douval Doubles Championships, in the clay pigeon shoot Roger Elsworthy and Dennis Smart, are accepting congratulations. The only hitch we believe was when Roger and a flying fox had trouble ending their relationship.

The machine shop was in the money when the ticket they won in the safety campaign was on the \$100.00 list.

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Maldon

Filling the shoes vacated by Bob Crossman when he retired in May, we have Ron Turner from Picton. Ron was previously Sales Manager for Lee McKeand and Son, and was employed by them for 7 years. A keen sportsman, Ron and his wife Joan are kept busy following the sporting activities of their sons. Peter 14 and David 12 who are involved in football, cricket, tennis and swimming. Great to have you with us Ron.

Thelma Keohane, office, has just finished 3 weeks leave, and has come back ready for the fray (for want of a better name). Thelma and husband Bill (Stockhouse) have just become grandparents for the fourth time, a little girl, Denessa.

Handing cigars around is Ernie Smith of the Works Services Section. The name chosen by Ernie and June for their third daughter born at Bowral Hospital on July 9, is DEENA LEE.

The Dowrie family is settling down again following the need to move over a bit after the birth of their son on 30th June.

Andrew (Andy) and Doreen have one other child — Maureen. Andy drives a fork-lift truck, is the A.W.U. representative and has worked at Maldon for the past three years. He is also a member of the Maldon Works Safety Promotion Team. Hailing originally from Edinburgh, he left the City of Letters 19 years ago and before settling in the Tahmoor district worked at various locations around Australia. Proud grandfather is Gillie Cameron who is in charge of the Maldon Rigging Crew.

All employees at Maldon are divided into working groups for purposes of a Competition which is part of the Safety Programme. Each group which operates free of lost time accidents for the Monthly Period is awarded an Opera House Lottery Ticket.

In June, Mechanical Group C, comprising Workshop assistants and Mechanical apprentices won \$100 and Mechanical Group B won a consolation prize being one off a major prize.

Back on the job, employed on suitable duties, after receiving hospital treatment is George Siig. George received injuries when he ran off the road whilst on his way to visit his wife at Bowral Hospital. Although unable to carry on with his normal duties as No. 2 Raw Miller because of a fractured collar bone and ribs, we hope it won't be long before George is 100% again.



TOP BATTING AVERAGE

Topping the batting average for the Camden District Cricket Association B2 Averages, 1973-74 Season is Geof Childs of No. 1 Laboratory. Geof is employed as a Trainee in the Lab and is in 2nd year Chemistry Cert. at Wollongong Technical College.



John Ketley presents Horrie Wallace with Lottery Tickets consolation prize, awarded to the Fitters being one off a major prize in the Opera House Lottery. Looking on in the centre are Left to Right: Angus McIntosh and Mick Prior.



Maldon's Personality of the Month

If any employee at the Maldon Plant has the necessary qualifications to become reminiscent at times, such a man must be Ken Sampson.

Many a time, as Ken watches the incessant roll of his massive charge, No. 3 Kiln, must his thoughts drift back over the twenty years of service that he has performed at the Maldon Plant.

Softly spoken, jovial of countenance and invariably wearing a quiet smile, Ken began his career during the early construction era at which time he was employed as a front end loader operator.

With the advent of production, Ken learned the finer points of burning and ultimately advanced to his responsible position on No. 3 Kiln in 1967, the year it was commissioned. He now holds the longest service as a burner on the plant.

Ken is married, with a son at present attending Picton High School. Prior to working at Maldon he conducted a dairy farm in the Bargo district.

During the war, Ken served his country in the 6th Brigade Infantry, 2nd A.I.F. and had the misfortune to be wounded in action.

Whenever the opportunity arises he enjoys spending his time fishing and shooting.

His lengthy service has resulted in Ken becoming a very proficient burner and the countless hundreds of thousands of tonnes of clinker the kiln has produced whilst he has been at the helm has certainly qualified Ken as our "Personality of The Month."

Bill Polychrome, first year apprentice accepts a cheque for \$100 from the Assistant Works Manager, John Ketley on behalf of the Workshop Apprentices and the Iron-workers.

Signing his indentures in company with his father in a happy mood is David Alderson, Carpenter Apprentice. David commenced with the company as a first year apprentice in February this year.



Mr. Charles Vyse, paymaster, joined the Company in 1955. Married to Mona, they arrived in Australia from England, 1927. Re-visiting their homeland, for the first time since their departure, in 1970. Charles, a member of Picton Bowling Club, has taken home more than his share of trophies. Also, he is a keen darts player, and not averse to tripping the light fantastic on Saturday nights. Having a garden which would delight the heart of every gardener, and the largest of vegetables to take out the major prizes in the local show.



Mr. Vern Wrightson, Works Accountant, has been with the Company for over 26 years. Starting his career at Southern Portland Cement in 1945, he then transferred to Maldon in 1949 as Accounts Clerk. Married, with 2 daughters, Vern is a keen cricketer, playing A grade with Picton District. An active Rotarian and a member of various local charities, Vern is also a fervent supporter of the local football team.



Mr. Noel Moss, Works Accountant at Charbon, but at present with us on the computerisation of stores, wages etc., has been with the Company since 1959. Noel began his career as an oil storeman, and then in 1961 transferred to the office as a junior clerk. He is at present in his second year of accountancy, and we wish him well in his examinations at the end of the year.

Noel, an Apexian and keen bowler, is married to Betty. They have 2 children; a son - aged 6; and a daughter - aged 4. Betty, we are told, is a real "bomber" in the basketball court.



Mrs. Margaret Reed, Office Assistant, is another new face at our works. Married to John, fitter-welder in the Stock House. Margaret is a keen soccer fan, and can be seen every Saturday cheering on the local team.



Mrs. Peggie Cord, Stores Control Clerk, is a very new member of the firm. Having been with us for only 6 months, Peg has shown that where there is a will there is a way. Peggie's main interest is trying to par Picton Golf Course.

Married to Kevin, they have 3 children. Two daughters and a son.



MIKE RAWLINGS

Mike is a Shift Foreman and has been with the Company for 10 years. During this time he has developed from job to job and was appointed to the Staff in January this year. He is married and has two children attending Tahmoor Primary School. His chief interest off the job is fishing on the South Coast, where he keeps a boat all ready in the backyard of a retired member of the staff, Joe Hill.

Accident Prevention Competition

MALDON WORKS GROUPS

PERIOD COVERED 1-1-74 to 29-7-74

Group Disabling Accidents	Days since last disabling accident commencing 1-1-73	
Electrical	NIL	575
Office/Laboratory	NIL	575

Works Services

Group A	NIL	234
Group B	NIL	250
Stockhouse	1	107
Day Prod/Store	NIL	510

Mechanical Maintenance

Group A	NIL	327
Group B	1	186
Group C	NIL	307
A Shift	NIL	382
B Shift	NIL	241
C Shift	NIL	575
D Shift	1	70



JOHN BURNELL

Assistant Manager Production, Berrima

John started with the Company at Maldon Works in December, 1963. He was in charge of the Electrical Department until transferred to Charbon in 1971. At Charbon, John served as Assistant Works Manager for about eighteen months. His next stop was Portland where he filled the same position. Recently John was again transferred, this time to Berrima. He is at present serving as Assistant Manager, Production.

John has spent the whole of his working life to date in the Cement Industry. Previously he worked at the A and K Kandos Works.

CHARLES STOBERT

Assistant Manager Production, Portland

He joined Portland Works in 1972 as a Project Engineer to work on major capital projects including the first precipitator at Charbon.

Prior to this he was employed with A.W.I., a B.H.P. subsidiary on project engineering (including development work on production of prestressed concrete tendons), productions technical and line operations functions. He also had three years in the U.K. on commissioning work in a power station and as maintenance engineer in the ore preparation and sinter section at a steel-works.

Charles is married to Irene and they have two young children.

His chief hobby is Rugby Union and he is currently an active referee.

DENNIS B. MARSDEN

Assistant Manager, Development & Control, Berrima

Dennis was educated at Yallourn Technical College, Victoria. He holds Diplomas in Electrical and Mechanical Engineering.

For four years he held the position of Production Engineer Forward Development at General Motors Holden. This was followed by a similar period with Commonwealth Industrial Gases as Design Engineer, Special Welding Equipment. It was in 1966 that Dennis joined Souther Portland Cement, Berrima, as Plant Maintenance Engineer. Twelve months later he was promoted to Quarry and Lime Plant Superintendent in May 1969.

In 1973, Dennis was back at Berrima again serving as Engineering Superintendent. In July of this year he was appointed Assistant Manager, Development and Control.

ERIC SWEET

Assistant Manager, Control & Development, Portland

He joined A.C.P.M. in 1967 after completing a student apprenticeship with the U.K. Ministry of Defence.

As a management trainee at Weardale, he worked on technical investigations, and as relief shift foreman. After 2 years, he was transferred to Cauldon Works as Technical Assistant to the Works Manager for 2½ years and was responsible for monitoring the Works Technical performance, new projects from inception to capital approval and commissioning, and technical investigations.

Some two years ago, he was offered a transfer to APCM (A) to become technical assistant to Mr. A. M. M. Spurr.

Hobbies are gliding and photography.

M. W. BROWN

Assistant Manager Development and Control, Charbon

Celebrates his eighth anniversary with the Company on September 9, 1974. He joined the Company as Group Process Controll Engineer and spent two years at Maldon during the erection and commissioning of No. 3 Kiln.

After several years operating from Sydney Office was transferred to Charbon as Assistant Works Manager in 1972.

Among his outside interests are Golf, Rotary, and the local Drama Society. He is also a Board Member of the Kandos R.S.L.

J. F. KETLEY

Assistant Manager Control and Development, Maldon

John F. Ketley commenced his career with the Blue Circle Group in 1955, as a Chemical Trainee in the U.K. During the period 1955 to 1964 John gained experience in various cement works within the Group.

1964, he was seconded to the Ghana Government to train Laboratory Staff and assist in the commissioning and operating of the new factory.

On his return to U.K. he took up the position of Deputy Works Chemist at the new Weardale Works, a year later taking over the position of Chief Chemist.

In 1970, John brought his wife and son to Australia, where he took up the position of Technical Assistant to the Works Director of A.C.P.M. (A) Ltd. Following two years in Sydney Office, John moved to Maldon Works as Assistant Works Manager.

During John's 19 years in cement he has visited cement works around the world.

John's main interests and hobbies are centered around sport, golf now having taken precedence over badminton and cricket. His community interests revolve around the Picton Rotary Club, of which he is Vice-President of this year.



T. McCARTHY

Assistant Manager Production, Charbon

Joined the Company in 1947 as an apprentice and has progressed through machine shop foreman, plant maintenance engineer, assistant engineer to Works Engineer before the transfer to Charbon.

He has for the past three years also administered the supervision and human relations courses at the Lithgow Technical College and has for 1974 conducted the Personnel Management section of the Commerce Certificate course at the same college.

Included in his hobbies are weekend farming and oil painting. He is a life member of the Portland Amateur Swimming Club and was for a period of seven years president of the Central Tablelands Swimming Assoc.

W. H. PARSONS

Assistant Manager Production, Maldon Works

Born and educated in Wollongong, Wal joined Australian Iron and Steel, Port Kembla as a trainee Mechanical Engineer in 1948. After gaining his Diploma in Mechanical Engineering from Sydney Technical College, was attached to works Combustion Dept. until 1957, when he was transferred to Southern Portland Cement Ltd., Berrima as Assistant Plant Engineer.

In 1960 he was appointed Maintenance Engineer, 1966 Assistant Chief Engineer, 1970 Chief Engineer and in 1972 Manager Engineering.

After the merger of Southern Portland Cement with Associated Portland Cement Manufacturers, Wal was attached to Sydney Office, Technical Services Dept., as Engineering Manager.

Wal is a keen surfer and plays a restricted field of Squash players.





OIL IS FOR MACHINE LUBRICATION NOT FOR THE SOLES OF THE BOOTS!

Albert Bruce

Albert started as sub contractor with All-Trans Pty. Ltd. in 1950.

He was later transferred to the Payroll Department in July 1960 in which he still works. Albert has been President of the Mittagong Bowling Club for four years, and has won the singles championship five times, including top results in the triples and fours. Albert is also assistant secretary of the Southern Tablelands District Bowls Association of N.S.W.

As a member of the Mittagong Lions Club his attendance over the last five years has been one hundred percent.



MALDON WORKS QUARRY

John Brown

John, our Quarry Storeman, is also the reporter for the "Link" at our Marulan Quarry. John started with the company in June, 1968. Prior to this he was employed with the P.M.G.

John is a very keen fisherman, and plays a fair game of golf.



JUNIORS' PAGE

In 1952 a small bird was caught on the coast of Wales in the U.K. It was banded (a small marker fixed around one leg) and then taken to Boston in North America. It was released in America on the 4th June. Many of these birds live in burrows on the Welsh coast. This particular bird was seen creeping into its burrow back in Wales on the 16th June. The name of this bird is the Manx Shearwater and it looks like a small seagull. It had flown 3000 miles in 12 days. How did it manage to fly all the way? More remarkable still, how did it find its way?

We have maps and plans. Our countries, cities, towns and villages have names and we are fortunate enough to be able to read these names. We have addresses, the number of the house and the street where we live. If we are looking for a certain place we can follow the sign-posts. Even then it is sometimes difficult to find the place we want. How did that bird find its way across the thousands of miles of Atlantic Ocean?

This finding the way by birds is called the "homing instinct". All birds possess this instinct. You remember in the Bible story of Noah and the flood, how Noah sent out a dove over the receding flood waters and how it returned. You have probably seen homing pigeons. Often they are sent many miles away from home. Then they are released and they all know the way to their own particular back yard! Before the days of telephone and radio, men took advantage of this homing instinct in birds, using the birds to carry messages.

For many years now, scientists have been trying to find out just how birds find their way. A German ornithologist (one who studies birds) named Kramer wanted to test the idea that birds guide themselves

by the sun. He noticed that caged birds hop around restlessly when the time for migration arrives. He put some starlings in a circular room with windows opening only onto the sky. He noticed that the birds always faced the direction in which they wanted to migrate. When the windows were darkened the birds just hopped in any direction. Kramer then fixed up a light to imitate the sun and arranged so that it rose and set in the wrong places. He found that the birds turned to the direction in which they would migrate, according to the fake sun.

It seems fairly certain that during the day they are guided by the light of the sun, but how do they find their way at night?

Dr. Sauer, also of Germany, then started some experiments with warblers. The warbler is a small bird and flies long distances at night. When the migrating season arrived, Dr. Sauer placed some warblers where only the night sky was visible to them. They began to flutter and each bird turned in the direction in which it usually migrated. The doctor conducted many other experiments and became convinced that the warblers were guided by the stars.

It has also been observed that when fog or thick clouds hide the sun or stars migrating birds are completely lost. So, from the experiments, we now know that when migrating time arrives, and a bird flies from a colder to a warmer region, or vice versa, as the seasons change, they must be guided by the light of the sun by day and the stars by night.

But the urge to migrate, *how* the birds know when to go and *how* they use the sun and stars to find the way, is still a mystery to us. We call it "instinct."

Social

Wednesday night, 7th August saw a gathering of some 50 people at the Portland Bowling Club for the purpose of farewelling John Burnell and Terry McCatthy.

John is now at Berrima as Assistant Manager (Production) and Terry moved north to Charbon in the same capacity.

Farewell addresses were made by our Manager, Ken Hulonce, and suitable presentations were made to John and Terry and their wives.

Sydney Office was represented by Mr. Bill Purvis and Mr. Peter Tetley, and Des Saunders and Mike Brown journeyed down from Charbon for the occasion.

POSTINGS

Following the departure of Terry McCarthy to Charbon, Brian Donohue moved up to the position of Works Engineer, and Chas. Stobert took over the position of Assistant Manager (Production) vacated by John Burnell.

The July competition winner was Alan Jennings, of the Laboratory, who had only one mistake in his entry.

CONGRATULATIONS

Congratulations are extended to our Works carpenter, Ray Whitelock and his wife following the birth of their third child, a daughter (Kathryn Marie) on 23rd July. Both mother and daughter are well.

TRIPPING

Ken Patterson returned to work looking fit and well following his three weeks' cruise to New Zealand and islands to the north. He and his wife enjoyed the relaxing trip on "Australia" and Portland's icy blasts were soon forgotten under the tropical sun's warm rays.

NEW ARRIVALS

Eric Sweet has joined us, coming from Sydney Office, where he was Assistant to Director, Technical Services, for two years. Eric is to be our new Assistant Manager (Development and Control) and we wish him a happy stay here.

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Portland

SAFETY

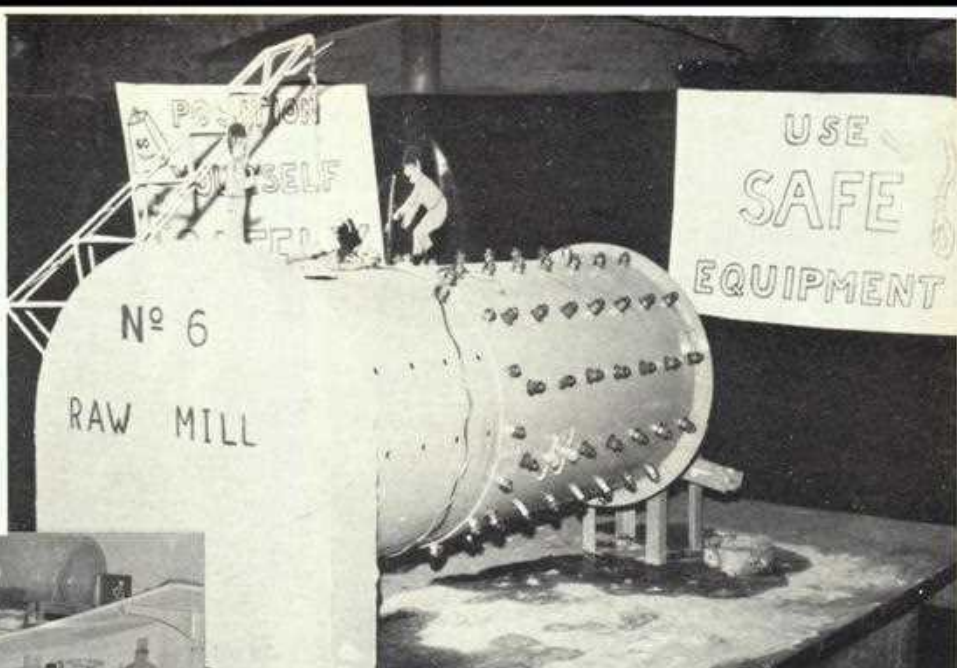
Our Packing and Despatch Section had an enviable record looming until a couple of week sago.

This section had gone for seven and one half months without an accident of any kind; a truly remarkable achievement when one considers the area they work in, the climbing in and out of rail trucks, carrying, stacking, etc. And then came the snow and one of the loaders slipped, hurting his knee. We consider the effort of the section worth recording and hope that they may continue through the rest of the year without further accident.

Our warm congratulations go to Shift Foreman Ernie Jeffree, following the satisfactory completion of an Industrial Supervision Certificate Course at Lithgow Technical College. Ernie secured first place in this particular course, a very worthy effort.

A reminder of the early days





SAFETY DISPLAY COMPETITION

Four of our office girls who were invited to accompany the members of the Safety Promotion Team when they were judging displays depicting accidents caused by a person being hit by a falling object. From left: Sandra Dowling, Betty Long, Shirley Bell and Lynn Weggery.

The competition was most successful, the best display being created by the Mechanical Engineering Department. (See photo). Second prize went to the Laboratory for their handsome skeleton, and third prize was taken out by the Power House.



NOTABLES AT THE FAREWELL TO JOHN BURNELL AND TERRY McCARTHY

presentation to T. McCarthy



Above left: John Leet looks on as Ken Hulonce makes the presentation to John Burnell.

Above: Newly arrived Eric Sweet with George Render Portland Works Chemist.

Left: Tom Nicholson, Herb Coleman, John Green, Roy Humphries.

Below: Noel and Mrs. North with Vince and Mrs. Roclesk.





Joe Morgan, Quarry Manager, with his wife, Dolores.

SYDNEY OFFICE

— Reported by Gail Houghton
Congratulations to Pam and Brian Clarke who recently became the proud parents of a beautiful baby girl - Natasha.

Len Wilson formerly of S.P.C. and his family are moving to Gosford to settle into their new home.

Sydney Office farewelled Wolfgang Dietze last month. Wolfgang showed his popularity by a rather large gathering at the Union Hotel, North Sydney one lunch hour. Good luck to Wolfgang in his new job with Total Boral.

Lee Benson from the Transport Section will be flying off to the United States on September 6, for her holidays.

—Maldon Mother

The other day my mate and I were having a few quiet stubbies when it happened. I had just finished and was feeling in the esky for another when I found there were none left. Not wanting to disturb the decoré of the loungeroom — my feet on the table really blended in with the empties and the telly — I gave the wife a shout to bring in some more grog. She must have joined this Women's Lib because I was told to get off my backside and get my own. Oh well, they don't appreciate us hard-working men. Only last week I cleaned out the empties and chucked them in the back yard.

Watch it mate

Three score and ten's a man's life span,
It's a well considered fact.
There's a well-known way of living it,
Adhere to the Safety Act.
We must agree, that's you and me,
That life's a precious weight,
So be a bit more thoughtful,
Make it easier for your mate.
With "Could happen" displays around the
plant, and tigers on the prowl,
There's little chance of accident,
You're unlucky to fall foul.
But, be wary mate, and shut the gate,
For complacency may seep through,
And keep up all your good work,
For me, if not for you.
"STOMPER"

Sydney office

Anyhow my old mate and I had to feed ourselves as the girls stormed out — reckoned they were going down to the club. It was pretty good tucker, in fact so good I thought I would pass it on to all my old mates. It's a beauty. Good to eat and you can breath all over the Mrs. when she gets back.

INGREDIENTS

Four large potatoes
Six leeks
Ground Pepper
Half Pint Cream
Quarter Pound Butter
Two or three cloves of garlic

METHOD:

Trim and slice leeks into rings.
Place in large frying pan. Add approximately one oz. butter and lots of ground pepper and four to five cups of water. Simmer until tender then drain off liquid.

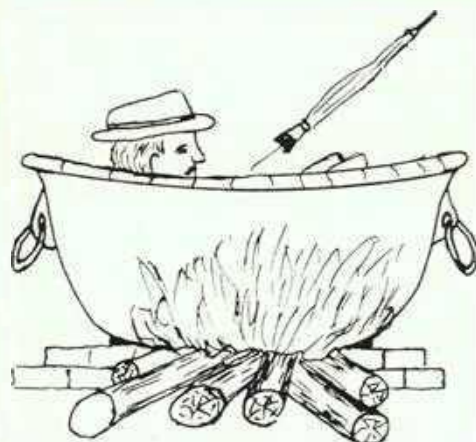
MEANWHILE:

Boil potatoes with cloves of garlic, drain, add butter and cream, mash to a fine consistency. Combine leeks and potatoes, serve in small bowls or ramekin with french crusty bread or rolls.

I told you it's a beauty!

"Spud"

Women's Section



HOW TO COOK A HUSBAND

TAKE CARE IN YOUR SELECTION.
DON'T CHOOSE THOSE TOO
YOUNG OR GOING TO SEED.
USE ONLY SUCH VARIETIES GROWN
IN A GOOD MORAL ATMOSPHERE,
AFTER SELECTION DON'T WAVER.
CONCENTRATE ON PREPARATION
FOR HIS DOMESTICATION.
SOME COOKS KEEP THEIR
HUSBANDS IN A CONSTANT
PICKLE, OTHERS USE THE HOT
WATER TREATMENT.
EVEN POOR VARIETIES CAN BE
MADE GOOD BY GARNISHING
WITH PATIENCE AND SWEETENED
WITH SMILES AND KISSES.
KEEP WARM WITH A STEADY FIRE
OF DOMESTIC DEVOTION.
WHEN THUS PREPARED THEY
WILL KEEP FOR YEARS.

(Mrs.) Helen Hammersley
SWAN

*Swallow your pride occasionally —
it's not fattening.*

Each suburban housewife spends her time presiding over a power plant sufficient to have staff the palace of a roman emperor with 100 slaves.

page twenty six

RUM BALLS:

Packet Milk Arrowroot Biscuits
4 ozs Icing Sugar
1 cup Mixed Fruit
2 ozs Cocoa
3 ozs Butter
Milk
2 ozs rum
Mix and roll in coconut.

These have been tried by Mrs. Helen Hammersley and can be recommended.

MALDON GIRL "STUDENT OF YEAR"

Carol Booth, daughter of Len Booth, Electrical Engineer, Maldon Works, has won Camden Quota Club's "Student of the Year" Award.

Carol a fifth form student at Pieton High was announced the winner at a dinner held at Camden on June 26.

Sally Ryder, daughter of Des Ryder, Laboratory Supervisor, the previous years winner was present to see Carol receive her award.

My husband never had the inclination to be a gardener, but after moving to an area where our neighbours talked of little else, he decided to give gardening a try. He planted a few tomato plants and patiently nurtured them through the many trappings of our two small children and the family dog. He was ecstatic when small green tomatoes began to form.

The tomatoes were just turning red when I went to hospital to give birth to our third child. Among the flowers and gifts in my room I found an awkwardly wrapped package from my husband. Inside was a tomato and a card which read "The Fruit of 'My' Labour".

—MALDON MOTHER


Men and women differ greatly, women object to the fan dancer, men object to the fan.

Men who are everlastingly wed to the witching waters of the world, but who, incidentally have a wife based on land, may fathom the helmsman tactics in a marriage contract unearthed by an Edinburgh Lawyer from an old deed box. Drawn up by a seafaring man, it envisages each mate's duties in a shipshape union —

"Having read to her the articles of war, I explained to her the conditions under which we were to sail in company on life's voyage namely

She is to obey signals without question when received.

She is to steer by my reckoning

 She is to stand by as true consort in foul weather, battle or shipwreck.

She is to run under my guns if assailed by privateers or picaroons.

I am to keep her in due repair and see that she hath her allowance of coats of paint streamers and hunting as befits a saucy craft.


I am to take no other craft in tow, and if any be now attached, to cut their hawsers.

I am to revictual her day by day.

Should she be blown on her beam ends by wind or misfortune, I am to stand by her and see her righted.

I am to set course for the great harbour in the hope that moorings and room to swing may be found for two well built craft when laid up for eternity.

—Val Tranter - Maldon

 Margot, (Mr. Cheyne's Secretary, Rivervale) was typing away madly in an awful hurry to get something typed urgently when she made a "boo-boo" (would you believe); got the Tip-Ex out and painted away. In an endeavour to get it dry quickly she started fanning away with the Post Code book, when suddenly a gentleman enquiring at the Reception Desk said to Jean (Switchboard girl) — "THAT'S THE FIRST TIME I'VE SEEN A TYPIST GO SO FAST THAT SHE HAS TO FAN THE TYPEWRITER TO KEEP IT COOL."

SHORT SHORT STORY

Overtime

by John King, Maldon.

I was asked to work overtime one night last week. It was dark by the time I was ready to go home.

However, the car was not willing to work at all. No buses, no chance of a lift, there was nothing to do but walk.

It was a particularly dark night with no moon and was to say the least, just a little bit scary. The howling of the August wind and the rustling of the grasses didn't help matters either.

I was greatly relieved when I saw the lights of an oncoming car and waved furiously. The car stopped, and in I hopped, slamming the doof. As the car started to move I turned to thank this most obliging driver, but to my horror I discovered that the driving seat was empty!

With a growing tingling sensation in my spine I happened to glance through the windscreen, the car was approaching a curve in the road and I instinctively reached for the steering wheel, but at that precise moment a big grey hand came in through the window on the drivers side and turned the wheel!

I froze in my seat, unable to move. I saw another curve coming up, I dreaded turning my head, but was drawn as if by an unseen power. There was the big grey hand coming through the window, once again it turned the wheel.

The coldness of fear gripped me, I daredn't look again. All power of movement had gone. With relief I saw the lights of the town, the car stopped, with a supreme effort I opened the door and jumped out running in the general direction of Perth in the truest Olympic spirit.

Hearing a noise I turned, half expecting to see a demon following close behind me, but instead I saw another chap about to get into the haunted car.

I raced back and shouted to the man, "Hey mate, I wouldn't get in there if I were you, there's something wrong with it."

He turned and called back,

"You're telling me, I've been pushing it for the last five miles!"



Bill Wilson, Safety-Welfare Officer and Cam Cheyne, General Manager, examining the "goal".

Retirement (1954-1974)

Mr. Richard (Dick) Lawson, Electrician, retired on 31st May last.

Dick, formerly a coal miner from County Durham, U.K., migrated to W.A. in 1954 and was employed by BP Refinery, Kwinana.

That same year he joined Swan Portland Cement and devoted the next 20 years to loyal, conscientious service. During the World War, Dick served in the North African and Italian campaigns with the famous British 8th Army.

We understand that he is now free to follow his personal interests, being - gardening, darts and the gentlemen's sport of lawn bowls. He is a very keen member of the Manning Bowling Club.

Dick was farewelled by his workmates at a small gathering in our Boardroom, receiving a gold wristlet watch on behalf of the Company from our General Manager Mr. Cheyne. His workmates presented him with a very fine barometer (to check on bowling conditions) and a smoker's stand.

All at Swan wish Dick and his good lady a long, active and happy retirement.



Rivervale

"The Aim — Work Safely"

Swan Portland Cement Limited in Western Australia was awarded the Cement and Concrete Association of Australia Safety Award for the year 1973.

This is the second occasion on which the General Manager, Mr. C. C. Cheyne, has accepted this annual award for his company. Our first success was in 1970.

Swan Portland has made regular use of the safety consultant service of the Industrial Foundation for Accident Prevention for a number of years in its determination to maintain an accident free record.

Helen Hammersley's Background

Commenced with Swan in April, 1963 for six months to relieve Margot who was going to the states to visit her sister. Didn't quite make the six months as on the 15th October, 1963, Helen produced a son.

Re-called again for six months in 1967. Uneventful this time.

Started part time in April, 1969, and has been doing full time since the end of 1969.


Her interests revolve around her two son's activities in Little Athletics, Swimming and Football and an odd game of Pool with her husband on the newly acquired Pool Table.

Is on the Swan's Social Club Committee and is Office Reporter for the Monthly Link.





BILL WILSON

The industry began in Australia from the first day of the colony. Captain Phillip brought vine cuttings from Rio de Janiero to Sydney Cove with the First Fleet and planted the vines in Farm Cove where the Botanical Gardens are now situated. The vines did not prosper in those conditions of soil and climate, but wine was considered an essential produce in the young colony and other sites were found for vineyards.

Governor Phillip, in 1791, planted a three-acre vineyard at Parramatta, 15 miles from the coast, where climate and soil were more suitable. In the next ten years the results of the Parramatta experiment were promising enough for official despatches to be sent to England asking for technical assistance. England responded by sending out two French prisoners-of-war to work on the vineyard and give instruction in viticulture.

The official belief was that all Frenchmen knew something about making wine. These Frenchmen didn't and their efforts were monotonously unsuccessful.

It was not until 1816 that Gregory Blaxland, the explorer, made a further attempt with a vineyard on the Parramatta River at his property, Brush Farm, now Ermington. Blaxland's reward came in 1822 when he shipped a quarter pipe (about 31 gallons) of his red wine to London, where it was awarded the Silver Medal of the Society for the Encouragement of Arts, Manufacturers and Commerce, now the Royal Society of Arts. Five years later Blaxland won another English prize, the gold Cere Medal, for a shipment of 3½ pipes of what the judges reported as a light but sound wine "with much of the odour and flavour of claret."

Until 1820, however, in spite of Blaxland's medals and experiments, winemaking in Australia was entirely the hobby of rich men for their private pleasure, and therefore on a limited and not a commercial scale. In 1820 the first real vineyard — in a business sense — was planted by John Macarthur, the pioneer of the great Australian Merino Sheep Industry. From 1809 till 1817, as the result of a violent and bitter quarrel with the Governor, Captain Bligh, Macarthur had been an exile in England. In 1815, while awaiting for official authority to return to New South Wales, he made a journey through France to study "the cultivation of the vine and the olive." Macarthur visited the famous vineyards of Burgundy and at Montreux, in Switzerland, he obtained advice from a winegrower who had succeeded in acclimatising vines in America. In 1816, with two other vignerons, he wandered through the south of France and returned to England 'stuffed with information and loaded down with cuttings.' In the following year he came back to Sydney and, almost immediately, planted vines at his property at Camden, 43 miles away.

These produced some promising wine, but after three years (in 1820) the main vineyard was moved to a more suitable site on the western slopes of the Nepean River, not far from Penrith, where he had taken up 20 acres for the express purpose of wine production. Here, for the first time, wine was made as a practical business, and, by 1827, Macarthur's vintage totalled 20,000 gallons.

EARLY GROWTH

Within the next 30 years the vineyards of New South Wales had increased to 760 acres, most of them in the Hunter River Valley, where an enthusiastic young Scottish viticulturist, James Busby, planted a vineyard in 1830. Busby had come from England in 1824 to take charge of an orphans' school in Cabramatta. Among the subjects he taught the orphans was viticulture, and besides his salary of \$200.00 he received one third of the produce from a vineyard established as part of an "agricultural institution." The rather surprising connection between orphans and wine may be explained by the scheme of the "institution," which it was hoped would help to support the orphans, besides increasing their useful knowledge.

Busby showed as much interest in his vines as in his classes, and at the age of 25, while still teaching the orphans, wrote a famous little textbook, *The Culture of the Vine and the Art of Making Wine*. Much of it is still of interest and value today, particularly his method of preventing disease by raising vines from seed. In a second book, published when he went back to England in 1830, Busby painted a lyrical picture of the future joys of life in New South Wales when every family would be busy planting vines. "The man who could sit under the shade of his own vine," he declared, "with his wife and children about him and the ripe clusters hanging within their reach, in such a climate at this, and not feel the highest enjoyment, is incapable of happiness and does not know what the word means."

On this trip to his home in 1830, Busby took with him a sample of the 1829-30 Australian vintage. The English looked at it carefully, sipped it, and passed "very favourable comment."

Encouraged by their interest, Busby (like Macarthur) took the opportunity to travel through most of the wine producing countries of Europe, admiring grapes, trying samples, taking notes and learning at first hand. At the request and expense of the British Government he selected 20,000 cuttings for New South Wales, and, after his return in 1832, he gave these vines his personal care. But above all, he cherished his own 365 special cuttings from almost every kind of vine known to Europe, some of them descended from the first vines of Palestine, Arabia, Syria and Persia. He planted them in a vineyard which he established in the Hunter River Valley, north of Sydney. The vines flourished in this soil (the valley is still one of the important wine producing districts of Australia), and eventually spread to more distant vineyards.

Through Busby's pleading and insistence, the principal winegrowers of the Colony — Macarthur, Blaxland, Field and Sadler — agreed to distribute their surplus cuttings to intending planters.

Busby himself was particularly successful in the Hunter River district. By 1852 the area had 461 acres of vines and was producing 59,518 gallons of wine and 1,000 gallons of brandy a year, more than three times as much as the total production

of the Parramatta district. Some of Busby's original vines, although finished commercially, were still bearing in 1927, almost a hundred years after their planting.

James Busby, however, did not see his vineyard in full production. In 1833 he

DRILLING FOR CLAY SHALE— BERRIMA

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275 feet!



CLYDE BULK DEPOT



A hard-working trio, G. Haizer, F. Weese, Roy Watson, Manager.

Clyde Depot despatches about 1000 tonnes of cement daily.

Recent visitors to Berrima: Mr. George S. LeCouteur, a Director of BCSC and Sir Maynard Jenaur, a Director of APCM (UK) No. 5 Kila in the background.



BILLIARDS VICTORY FOR BLUE CIRCLE TEAM

Our Waurn Ponds Works has two billiard teams. They play under the names of V.P.C. and Blue Circle.

Recently, in a local competition of six teams, Blue Circle were the winners! It was a great effort on their part, and they deserved their victory. "Sparks" Malesza, team captain was so excited that he nearly shouted drinks all round, reason he didn't, I believe, was that he was still wearing those pocket-less pants!

"Cuddles" Moeson proved that he still had full control of his cue and the opposition suffered a severe set back at his hands. It must have been a bit too much for "Cuddles" however, as he was last seen resting his head on the bar at the competition arena at "Fort Apache". Whiskers O'Neill was full of "courage" but lost on a foul. He has promised to be an early bird next time.

"Silver" Hickey our Storeman played an excellent game giving nothing away. News on our workmates team, V.P.C. and their captain, Boilermaker Anderson, next time.

Mick Hickey.

Two views of the famous Barb-Wire Cup.
The only one of its kind in the world!

SPORT



The victorious team.



Ron Smith in action. Grant (Alco) White in the background providing encouragement with "nourishment".

BULLS EYE

After many days of waiting Friday, 2nd August, finally came around.

Yes, that's right. Friday night was the night set down for the "Barb Wire Cup." A cup donated by the Quarry Manager, Stan Lovell to be contested by Maldon Dart team and a team from the Marulan Quarry.

Need I say more. Of course the cup came back to the Quarry with a 6 to 5 win.

A special thanks must go to the hospitality given to us by the Mittagong Bowling Club President, Albert Bruce.

The night proved a great success, and more of these get togethers would be a good idea.

To the Maldon Captain, Len Booth, better luck next time Len.

Pool Club Report

V.P.C. No. 1 vrs. V.P.C. No. 2

The long awaited clash between these two sides was the game it was expected to be.

No. 2 side started clear favourites to defeat Trevors No. 1 side, however skipper Anderson had other ideas, with a masterful strategic move Trevor switched his players around and by doing this completely bamboozled No. 2 side. Scores No. 1 side 3 No. 2 side 2.

Bunny Woods started by winning his game well, Trevor kept a surplus supply of carrots up to Bunny, giving him the necessary stamina to win a hard fought game.

Alco White was again beaten, something will have to be done about Alco he appears to be suffering from the D.T.'s more so on a Wednesday night. Trevor intends to keep a close eye on this player.

Hawkeye Allison is still in a winning mood, he completely wiped Bluey O'Neil off the table. Hawkeye credits the skipper with his good form, skipper supplying milk bottles so Hawkeye can use them for contact lens. Although Hawkeye had to tolerate antagonising from Mick Hickey he gave Bluey an object lesson on how to play pool Trevor being a true sport deliberately let his opponent win. The skipper by winning the second frame showed all spectators what a real champion he is, Trevor although losing, inspired his team-mates with a fan-

Below: The under-14 Marulan Soccer Team. The boys have only lost two games during the season. They have taken out the Premiership, also the Association Cup. Only the semi-final and grandfinal games remain. Col Glacken is the coach.



VICTORIA PORTLAND CEMENT (Wauru Ponds).

tastic will to win, guts and determination, steel like nerves, beautifully controlled hands, and a true sportsman in every sense of the word. These features are all part and parcel of the No. 1 side leader.

The all important game and decider was won by Woofer O'Brien after a very serious briefing by the skipper. His opponent tried every trick in his book to put Woofer off but Woofer just snarled and proceeded to beat Mick Hickey in a tense game. Woofer although affected by a swollen paw displayed great calmness under duress and deserves a nice big juicy bone for his efforts.

Congrats to No. 1 side and their bow-legged wonder boy from Ballarat, Captain Trevor Anderson.

"THE FISHING COMPETITION"

"Gaffer" entered a competition where they judged the catch by weight,

Packed his fishing gear and filled his box with bait,

And full of optimism set out in the flivver, To try his luck drifting on a local city river.

Now he hooked all types of objects, some quite hard to lift,

And occasionally caught others he couldn't even shift,

So as the day wore on his catch grew large in size,

Consisting of iron bedsteads and old assorted tyres,

Various tin cans, broken boxes from a shop, And a little poddy mullet he found floating

on the top, A pair of size ten workboots with wornout soles and heels,

And a badly rusted cycle that didn't have its wheels,

Several beer bottles and a quantity of fruit, Which more than filled the boat so he rowed

back to the ute, Then he drove back to the "weigh in" and dragged it through the door,

Where the judges stood dumbfounded as he stacked it on the floor,

"Gaffer" stood there by his "catch" with victory in his eyes,

And stoutly claimed its total weight had won for him the prize.

—Bill Featon - Maldon

Clive Langley, our Wairn Ponds Works Manager is a very keen fisherman and has a secret spot where, according to him, the big ones live. We sometimes wonder whether he is just feeding them, as rumour has it that he has been seen buying fish!

RUSS GREAVES — BERRIMA

Comerong Island has been the "hang out" for many a local fisherman over the past 40 years. In the early days the road was only a track and many a time I had taken a hand in helping to winch the punt across the canal. This meant that only the very venturesome went there fishing. Although the place was primitive, good catches were plentiful and fishermen were very "cagey" about disclosing their special spots.

Of course, today, the road is tar sealed to the punt, and the remainder of the road to the ocean beach is reasonably well kept. It was down here that the late Detective Gordon Woodman converted me from heavy to light gear. These days, providing the situation is O.K. I seldom use heavier than a 6 lb. line and a 7'6" rod. This fibre glass Slazenger rod is worth its weight in gold, and will handle anything up to 10 lbs.

Ken Coates fished with Jack Brown to bag 52 tailor from 2 to 2½ lb. One tailor was lost to a shark that thought it a bait! Jack was very happy with 17 bream and mowies at the Coal Wharf. If I recollect correctly one requires a Sherman tank to get to the coal wharf. Or perhaps you could use an old ute, carrying chain saw, block and tackle, mesh and pick and shovel! I also reckon the mosquitoes are superb down that end of the island!

Try Broughton Creek for bream, and boating wide for Kingies now.

I visited Shoalhaven Heads recently but was content to sit in the car and watch the rough seas pounding the rapidly receding sand dunes, truly, one feels very puny when viewing the mighty power of the sea.

AUGUST — GARFISH

Garfish frequent coastal waters throughout Australia and enter bays and estuaries along the coast.

They swim in schools just below the surface and come into spawn in the early

FISHY TALES

summer months on the East Coast, though March can be one of the best months for a good catch.

Suitable baits for these fish are sandworms, shrimp, sand flies or small pieces of mussel.

Gear used to catch the Garfish comprise a size 8 or 10 hook with long shank to facilitate unhooking. A stiff rod similar to one used for whiting with a free-running reel.

Attention all fishermen in the district, send in your reports on those super catches accompanied with good clear photographs. "Light Lines"

Maldon — Quarry.

"CHARLIE'S SCHNAPPER"

Charlie joined an angling club, but was a shifty sort of bloke.

For you couldn't trust him by his deeds nor by the words he spoke.

It had been claimed he'd used his net in some illegal spots.

And had no qualms "inspecting" other people's lobster pots.

Now the club put up a rod and reel for the best fish of the day.

So our Charlie set his course for a reef outside the bay.

There he caught himself a schnapper which he felt would be ideal.

For a scheme he had concocted to win the rod and reel.

Now several blokes caught fish and were happy with their size.

But Charlie sat there smugly with a strange look in his eyes.

Old Tom did the weighing and though some fish looked bigger.

Found Charlie's fish had topped the lot and this he couldn't figure.

He held the fish up by its tail, his scales he could not doubt.

Then the schnapper's mouth fell open and the crowd began to shout.

Charlie grabbed his hat and shot out through the door.

As fifteen four ounce sinkers, went rolling 'round the floor!

W. Featon
MALDON WORKS

AN ALPHABET OF INDUSTRIAL SAFETY

- A is for ACCIDENTS which can be tabooed. The very first step is the right attitude.
- B is for BOONS safety brings in variety to workers, their family, home and society.
- C is for INJURY COSTS, seldom fully revealed; like icebergs, the far greater part is concealed.
- D is for DATA, essential to bare just what are the actual problems and where.
- E is for EDUCATION which has no divorce from sound ENGINEERING and wholesome ENFORCEMENT.
- F is for FOLLOW-UP. Surveys are vain without FURTHER check whether hazards remain.
- G is for GUARDING and its a disgrace when guards are not used, or not kept in place.
- H is for HOUSEKEEPING, a pretty good gauge of whether a firm, SAFETY-WISE is of age.
- I is for INJURIES (outcome of flaws). They never just happen; there's always a cause.
- J is for JARGON. However sincere, the message is lost if the meaning is not clear.
- K is for KNOWLEDGE. But it isn't enough to know what to do; we must still do our stuff.
- L is for LIFE and the fruits of our labour. Work safely for your good and that of your neighbour.
- M is for MAINTENANCE, powerful pal to men, to machinery, and to morale.
- N is for NOW. Let us faithfully vow to deal with all hazards, and deal with them NOW!
- O is for OBSERVANCE for all safety rules — obeyed by the wise disregarded by the fools.
- P is for PREVENTION (far better than cure) that PLANNING and PRO-GRAMS will help to ensure.

- Q is for QUALIFIED. They understand, production and safety should go hand in hand.
- R is for REPORTING and RECORDS, both needed, for trends to be quickly discovered and heeded.
- S is for SUPERVISION. And experts agree in safety the competent foreman is key.
- T is for TRAINING, designed to instil, the desire to work safely, as well as the skill.
- U for the UNSAFE work practices that employers, employees, alike should combat.
- V is for VISION in hazard detection, and also your VIGOR in hazard correction.
- W is for WASTE (and how it can hurt!) that, safety and safety alone can avert.
- X is for XMAS, with family cheer, for those who work safely the rest of the year.
- Y is for YOU, for whom safety is planned. It can't be complete unless YOU lend a hand.
- Z is for ZEALOUS — each one a hero, who strives to bring injuries closer to ZERO.

For the above we are indebted to Australian Safety News, published by the National Safety Council of Australia, also to Bill Wilson of Rivervale.

WAURN PONDS QUIZ WINNERS

- | | | |
|-----------|-------------|-----|
| 1st Prize | Mick Hickey | \$5 |
| 2nd Prize | Jim Carter | \$3 |
| 3rd Prize | Ken Massey | \$2 |

Consolations: Julie Aplin, Alan Davis, Fred Johnson.

GARDENING NOTES FOR OCTOBER

FLOWERS: SOW: Amaranthus, Antirrhinum, Aster, Balsam, Bedding Begonia, Carnation, Coreopsis, Celosia, Convolvulus, Cosmos, Dahlia, Eschscholtzia, Gaillardia, Gomphrena, Helianthus, Ipomoea, Marigold, (African and French), Nasturtium, Petunia, Phlox, Portulaca, Salvia, Scabiosa Sweet Pea, Zinnia.

PLANT: Antirrhinum, Aster, Carnation, Chrysanthemum, Dahlia, Dianthus, Petunia, Phlox drummondii, Penstemon, bulbs or tubers of Achimene, Agapanthus, Calla, Canna Dahlia, Flag Iris, Gladioli.

VEGETABLES: SOW: Beetroot, Beans (French and Butter), Carrot, Onion, Peas, Parsnip, Parsley, Swede Turnip, Sweet Corn, White Turnip, Cabbage, Celery, Egg Plant, Capsicum, Leek, Rhubarb, Tomato, Cucumber, Melon, Squash, Marrow, Cress, Lettuce, Mustard, Radish, Herbs.

PLANT: Cabbage, Lettuce, Tomato, Potato.

During August we had enough snow to cover the ground, the first we have had for some years, followed by frosty nights, which quickly burnt off any frost-tender plants.

Coastal Areas are now well into Spring, with most plants showing considerable growth, however some of our most colourful flowering fruit trees, such as late Crab Apples and Flowering Cherries, should be at their best this month. Some Spring-flowering annual should be taken out soon and Summer-flowering ones such as Petunias, Phlox and Verbenas planted for colour during the Summer months.

The main crop of tomatoes can be planted now. As these grow, tie the plants to stakes and remove some of the side branches at the bottom to encourage the plants to set fruit. Cover the plants if the night looks frosty. Change to evening watering now, so that the water soaks into the ground overnight.

RIVERVALE

We "Sandgroppers" appear to have had some difficulty with the Cryptic Quiz on towns of N.S.W. Unfortunately, no correct entries were received.

First Prize: Mrs. J. Green — nearest with only one error \$5.00

Twelve entries with two errors were received prizes being drawn by lottery.

Second Prize: Mr. B. Park \$3.00

Third Prize: Mr. F. Cruickshank \$2.00

Consolations:

Master R. G. Wilson \$1.00

Mr. D. Lucas \$1.00

Mr. I. A. Stiuber \$1.00

Mr. K. Hughes \$1.00

Mrs. W. Wilson \$1.00

All entries were checked by:

Mrs. M. Kilgallon

Mr. A. Ahrens

Mr. R. Atkinson

The lottery was drawn by Mr. H. J. Martlew.

The Safety/Welfare Officer distributed the loot.

OTHER QUIZ PRIZEWINNERS

BERRIMA

1st Prize — \$5.00 — Max Thorpe, Colliery

2nd Prize — \$3.00 — Mrs. E. Cosgrove, Marulan Office.

3rd Prize — \$2.00 — Len Howe, Stockhouse, Berrima.

CONSOLATION PRIZES

Philip Thorpe, Moss Vale, Mrs. C. E. Boyd, Moss Vale, Len Wilson, Colliery, Mrs. B. Seville, Colliery, Neneye King, General Office, Berrima.

SYDNEY OFFICE QUIZ WINNERS

1st Prize — Ian Stiepwich — \$5

2nd Prize — Bev. Reimer — \$3

WESTERN AUSTRALIAN TOWNS

The first letter of the answer is given and the dashes represent the number of letters in the answer. Prizes of \$5.00, \$3.00, \$2.00, and five of \$1.00 will be awarded.

- A. Johnny & Granny
- B. Rocky Ned is
- C. Dicken's best known son
- D. English Pirate
- E. Retired Orifice
- F. Matthew's Horse
- G. In any forest
- H. Some children need one
- I. No place for crowds
- J. Happy Hill
- K. Fans do it
- L. Heavy Font
- M. Ancient Indian Race
- N. Eric the Red
- O. Cautiously proceed
- P. Direct Delilah's Boyfriend
- Q. Fear causes it
- R. Gathered no moss
- S. Torn warren
- T. River in pain
- U. Learned tarantula
- V. Traditional Queen
- W. To Avoid Arguments
- Y. Aboriginal Pastry
- Z. Royal Russian Farow

Answers to July Cryptic Quiz

- | | |
|-----------------|--------------|
| A. ADELONG | N. NAROOMA |
| B. BEACONSFIELD | O. OBERON |
| C. CHARBON | P. PORTLAND |
| D. DRAKE | Q. QUANDARY |
| E. EUREKA | R. RUGBY |
| F. FORDS BRIDGE | S. SINGLETON |
| G. GUNDAGAI | T. TALLONG |
| H. HOWLONG | U. UNANDERRA |
| I. IVANHOE | V. VILLAWOOD |
| J. JOADJA | W. WHALAN |
| K. KATOOMBA | X. _____ |
| L. LOCHINVAR | Y. YASS |
| M. MALDON | Z. ZETLAND |

Try these puzzles by Steve Chadwick, Maldon. Answers next month.

1. Find one word that completes the first word and begins the second word in the following group.

EXAMPLE:

PRACT () BERG — ANSWER: ICE.

CRYPTIC QUIZ No. 2

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____
- J. _____
- K. _____
- L. _____
- M. _____
- N. _____
- O. _____
- P. _____
- Q. _____
- R. _____
- S. _____
- T. _____
- U. _____
- V. _____
- W. _____
- Y. _____
- Z. _____

This quiz has been prepared by Ian Dickson, Costs Supervisor Berrima. Send your entry to the representative for your plant. Kooragang and all bulk and bag depot employees send to Bill Rungie, Sydney Office. Melbourne Office employees send to Waurin Ponds.

NOW try the rest.

- SHR () LING.
- SP () OW
- INDIV () ISM
- THR () ROUS
- AM () EL
- UR () AL
- INDIS () R
- SHR () ALE
- DE () ROY

2. Find one word which can be prefixed by all the following letters:- S, R, H, CL, D, F, G, B, N, P, T, W.

ps



JACK WHITTEN
OF
WAURN PONDS.
STORY ON
PAGE 29.

BLUE CIRCLE **SOUTHERN**

Vol. 1 No. 5.

OCTOBER, 1974



MONTHLY LINK

BLUE CIRCLE SOUTHERN MONTHLY LINK

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PORTLAND: Ken Patterson.

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RIVERDALE:

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SYDNEY OFFICE:

Bill Rungie.

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Boyd Munday.

WAURN PONDS:

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Photographs: Max Beacom.

WOMEN'S SECTION:

Mrs. J. Bytala.

GARDENING:

Mrs. C. C. Crowe.

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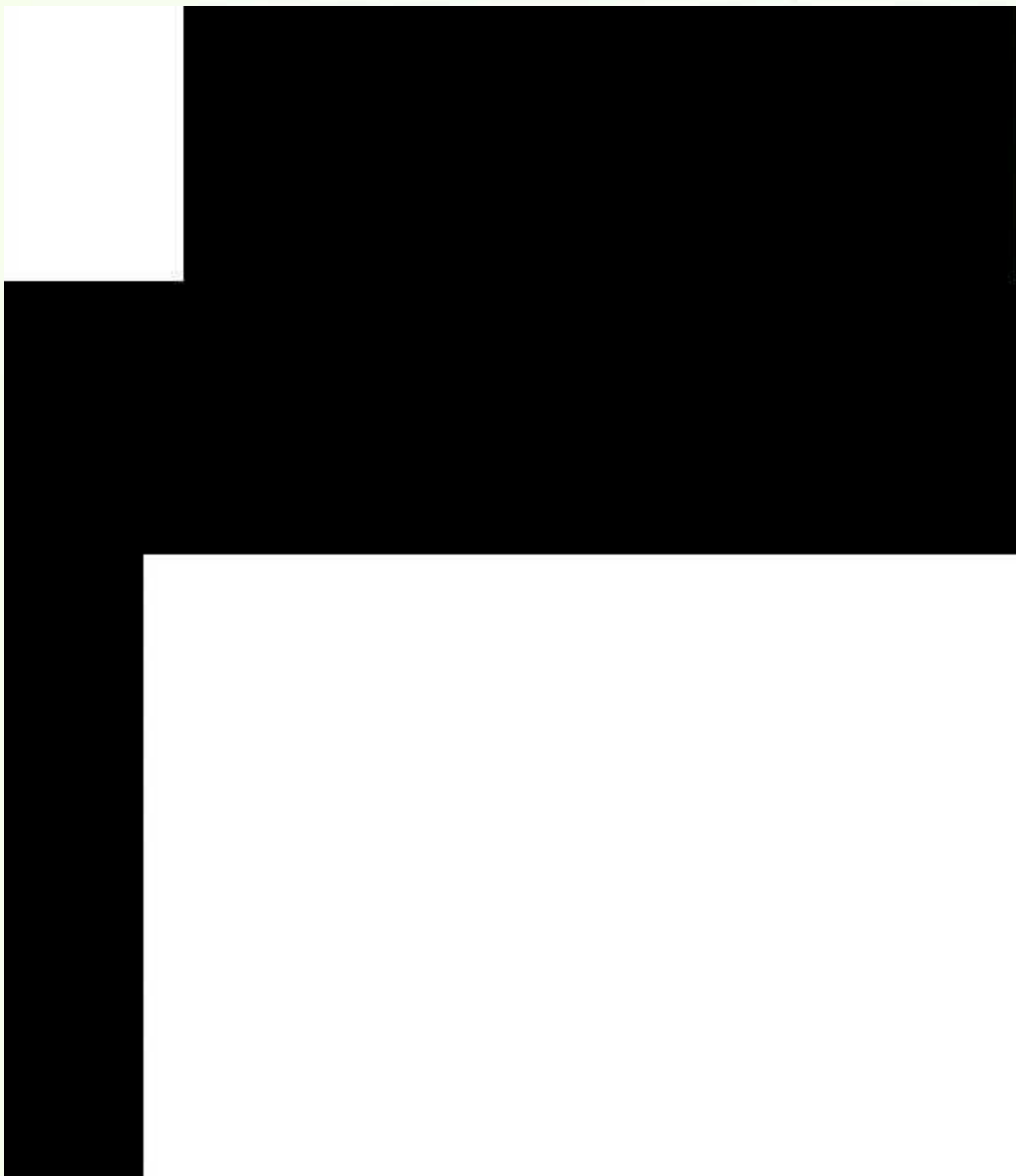
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Eric T. W.



MICHAEL SPURR SPEAKS

We all appreciate the need in these inflationary times to increase productivity in order to keep pace with rising costs. Most of us wish to contribute towards improving the environment of our place of work, of where we spend our leisure time at the beach or in the country. Do we however, as individuals acknowledge the increasing need in these demanding days, for improved human relations, of teamwork, of seeking effective communication one with the other?

Our Safety, our Welfare, our Training, both on the job and in the home has always been the concern of us all, and rightly so. Do we not sometimes though, overlook the essential need to work together as a team; employer and employee; fellow-worker with fellow-worker, at all levels of society, in all departments of the Company?

The effort of no one individual, however skilled at his task, can be as effective without the goodwill and co-operation of others.

Successful companies realise the importance of the individual, and surely a company's success is a measure of the co-operative effort of its individual members

MICHAEL SPURR.
Director — Technical Services.



EDITORIAL

We have now reached the fifth issue of our magazine. The idea of course is to link our widely separated spheres of operation. Each plant has its individuality and this we want to preserve, whilst at the same time we need to integrate as much as possible. It is not feasible for all of us to visit the various places of work, but through our Magazine we can get to know, at least, something about the individuals in those centres, and also see them and their places of work through the photographs, so a bridge is formed across the miles.

Looking beyond our immediate surroundings can be a broadening and profitable experience. A couple of centuries ago communication was slow and uncertain — very few people travelled any distance, and men and women lived and died, without ever moving from the immediate surroundings of their native village or town. One has only to read the tombstone inscriptions in the local church yards. No doubt they lived contented happy lives, but today it is impossible for man to live to himself in his own little environment. Today no man can be entirely independent. Therefore if we are to grow in understanding we must avail ourselves of modern communications and in this way we can know what is happening in our country and around the world and, how these events will affect each one of us.

It is the same in our Company. If we are to grow and if our Company is to grow we must not only pool our resources and technical know-how, we must also be conscious of the struggles and successes in the lives of our fellow-workers. Bill Smith or Mary Brown at Swan is very much the same as Bill and Mary in Waurin Ponds, Berrima or Charbon. In other words, wherever we are we have similar aspirations, similar problems, hopes and fears. Because of this, and because we have varied experiences, we can help each other—what better way than through the "Link"?

In the pages of the Link we are endeavouring to present sections that will be of interest to every member of the family, and the contributions from all plants will be gathered together in those sections, namely, the Women's Section, Sport, Fishing, Juniors and Home Safety. If you would like to send contributions for these particular pages, they will be very welcome. Do this through your local representative.

We are also open to receive constructive criticism and suggestions for improving the Magazine. These will be considered and if generally accepted will be used if at all possible.

Let's use the "Link" and in this way help it to grow stronger.

CHARBON

RETIREMENT

Mr. Tom Cobb, who was employed at the Works at Charbon as a Fitter from 24th May 1960, retired on Thursday, 18th July, 1974. Tom came from Glen Davis, one-time Shale-Oil Centre, and thriving mining community. Now the area has returned to its natural state and farming goes on as usual. A large number of workmates gathered at the local Bowling Club to wish him well on the occasion and Mr. Des Saunders, on behalf of Management and Staff conveyed the sentiments of all for a happy retirement which he will spend at Glen Davis.

Good luck from the Monthly Link, Tom.



PUSH 'N PULL

The old and the new — standing side by side in the photo.

Placing railway wagons for loading of cement and/or unloading gypsum, stores or whatever, is always an important job and a tractor for this work is required when final placing of trucks in position is necessary.

In recent months, the "old and faithful" Howard was replaced by a modern Chamberlain. The difference appears to be, to the non-technical and untaught mind, that the Howard was designed for hauling or pulling the Chamberlain for pushing. The performances, however, by the machines, whatever make, are really amazing. The Howard after many years of valuable service, its active life and we believe, can pull like that given by the old them "shunting" relations.

An International Display Festival was held at Kandos High School as part of their "Education Week" celebrations. The British Contingent at Charbon were invited to participate, and our photograph shows (left to right) Linda West, Anne Brown and Jean Watson attending the stand. In addition to the items of general interest from Britain that were displayed, Jean Watson provided a selection of succulent English food dishes. Don Watson and Michael Brown (Assistant Production Manager) rendered technical assistance with hammer, nails and sticky tape.

KOORAGANG

If you have ever been to Kooragang, you might wonder how anyone could christen it "Paradise Island." But it was christened "Paradise Island" by a young lass who worked in Adelaide Brighton's Office as a personal secretary to the Manager. Why did it seem like "Paradise" to her? The answer is very simple, it was here that she met the young man, who became her husband.



Mrs. Betty Asquith, Married 14 years, 2 children, daughter Mandie aged 6 years and a son, Graham, aged 5 years. Husband Ron, employed by Newcastle Psychiatric Centre as a carpenter.

Has only been with Kooragang since May this year.

Main interest is greyhounds, which husband Ron trains as a hobby.

Betty was formerly employed by British Phosphate Commissioners for 9 years.

Hee Allan, Senior Clerk/Paymaster has been with the Company since November, 1969. Married, wife Gwen, 2 children, Robert 18 and Mary-Anne 13.

Hee is an ex Rugby League player. His hobby is now Greyhound training.



Mrs. Jan Gibson, 26, Senior Typist-Clerk, married, with no children, has been with the Company since the opening of the Plant in January, 1970.

Prior to joining, spent 2½ years on working holiday in New Zealand where she met her husband, Noel.

Has many varied interests. Main interests are music, playing squash and entertaining.

Has a secret ambition, and that is one day to be able to sit and play at a Grand Piano.



KOORAGANG



John Mehan, commenced with the Company upon opening of the Plant in January, 1970 as cartage contractor. John now is employed with the Company as Transport Coordinator and joined in July, 1974. He is married with 4 children.

Being an ex "Sea-dog" he feels his main interest would be drinking beer with watching football a second.

Hobbies include drinking more beer.

Left: Boyd Munday, Operations Superintendent Blue Circle Southern. He is also representative of Link for the Transport Section.

FAMILY SAFETY

We are now approaching the summer, and of course long school holidays. Whether going away or staying at home, hazards are everywhere. Threatening not only the children but also adults.

As safety in Industry is being emphasised more and more, it is often safer to be at work than at home. On the job there is safety training, good housekeeping and accident prevention is exercised. When we clock off and start for home we need to take that training with us, applying it on the road and when we arrive.

If we have had training in the correct use of tools, the same precautions should be used at home when we are working on those many repair jobs both great and small.

If we are office workers then we should take extra care.

Perhaps one of the greatest hazards is not giving ourselves sufficient room to do a job. With tools and materials scattered around the possibilities of accidents are multiplied. Tripping over tools or pieces of

wood is common, and nasty injuries can occur, especially if a piece of wood with large nails pointing upwards is lying there, and we fall onto the nails! So we must clear the place of work continually — putting down both tools and materials well out of the way. This will also make it safer for the children who are bound to come and see what daddy is doing and of course wanting to help! Of course, if they do, it is better to give them something to do that is safe and well out of the way.

Using the wrong tools can also be a cause of injury, such as using a knife instead of a screwdriver, using a screwdriver instead of a cold chisel, using pliers to loosen a nut instead of a correctly fitting spanner, or using pliers instead of a claw hammer to remove nails, and so on.

Tools in poor repair are also another hazard, for example, using a hammer with a loose head, or one with a split in the handle.

It's quite possible that at some time or another we have all done these things, simply because it was too much trouble to get the right tool, but the right way is the best and safest way.

RIVERVALE

Taffy Evans on right, Ken Evans Raw Mill Foreman on left. Brothers, of course. In background is the C. & C. A. Safety Award.



Retirement (1947-1974)

Mr. Trevor Richard (Taffy) Evans, Maintenance Recording Clerk, retired on 12th July last.

Taffy arrived in W.A. in the "SS Morton Bay" 45 years ago from Wales, U.K. As a boy he assisted the family to raise "Prize" poultry (gold and silver award winners) then worked in the coal mines before getting the "Travel bug."

He served with the 2/11th Infantry Battalion AIF during the World War in Egypt, Palestine, Greece and finally taken POW in June, 1941 on Crete.

His four incarcerated years were spent in Germany at "Stalag 8B" and "Stalag 383."

Taffy joined Swan Portland after demobilisation, being subsequently employed shovelling coal, coal miller, kiln burner, acting foreman, weighbridge attendant and finally recording clerk.

As the proud owner of a 23 ft. power boat he is now able to follow his leisure pursuit — fishing — if and when he pleases.

PRESENTATION

Mr. Cheyne, our General Manager, on behalf of the Company presented Taffy with a high class fishing reel and a Ranleigh Tray Mobile — to assist Mrs. Evans when moving her Lord and Master with breakfast bed!

We at Swan Portland wish Mr. and Mrs. Evans a long, active and happy retirement and hope that they have a most enjoyable time on their coming round Australia tour.



Swan Cement Social Club had a good response to their Ten Pin Bowling night at "Fairlanes," when about 60 members attended.

10 lanes were hired for the evening and we had two hours bowling. There were a few aching limbs around the place the next day. The evening closed with a very enjoyable supper.

Prizes were given out for the best overall performance on each lane, and "all day suckers" for the lowest score.

- LANE 1 A Ahrens
 2 Mrs. H. Hammersley
 3 A. R. Terry
 4 G. Black
 5 W. Matheson
 6 J. Green
 7 P. Goymer
 8 R. James
 9 G. Santella (R.L.P.)
 10 W. Lackovich (R.L.P.)

Item of Interest

Syd Donovan of TVW Channel Seven was telling a local journalist from the Daily News Paper Office, about a friend of his who is a Catholic priest. (Well, with a name like Donovan would you expect any priest mates to be Buddhist monks?). This priest is in the process of having a house built, an experience that calls for supernatural patience and persistence. He went out to the site to see how things were going and, if possible to give them a nudge along.

The foreman took him aside and delivered a little lecture about shortages, stoppages, and all the many blessings of our modern Utopia:

"Remember, Father, Rome wasn't built in a day."

Father replied:

"Were you on THAT job, too?"



D. R. ATKINSON —

ELECTRICAL SUPERVISOR

Roy joined Swan Portland Cement in June, 1955 to take up position of Electrical Foreman and has been associated with electrical instrumentation to present time.

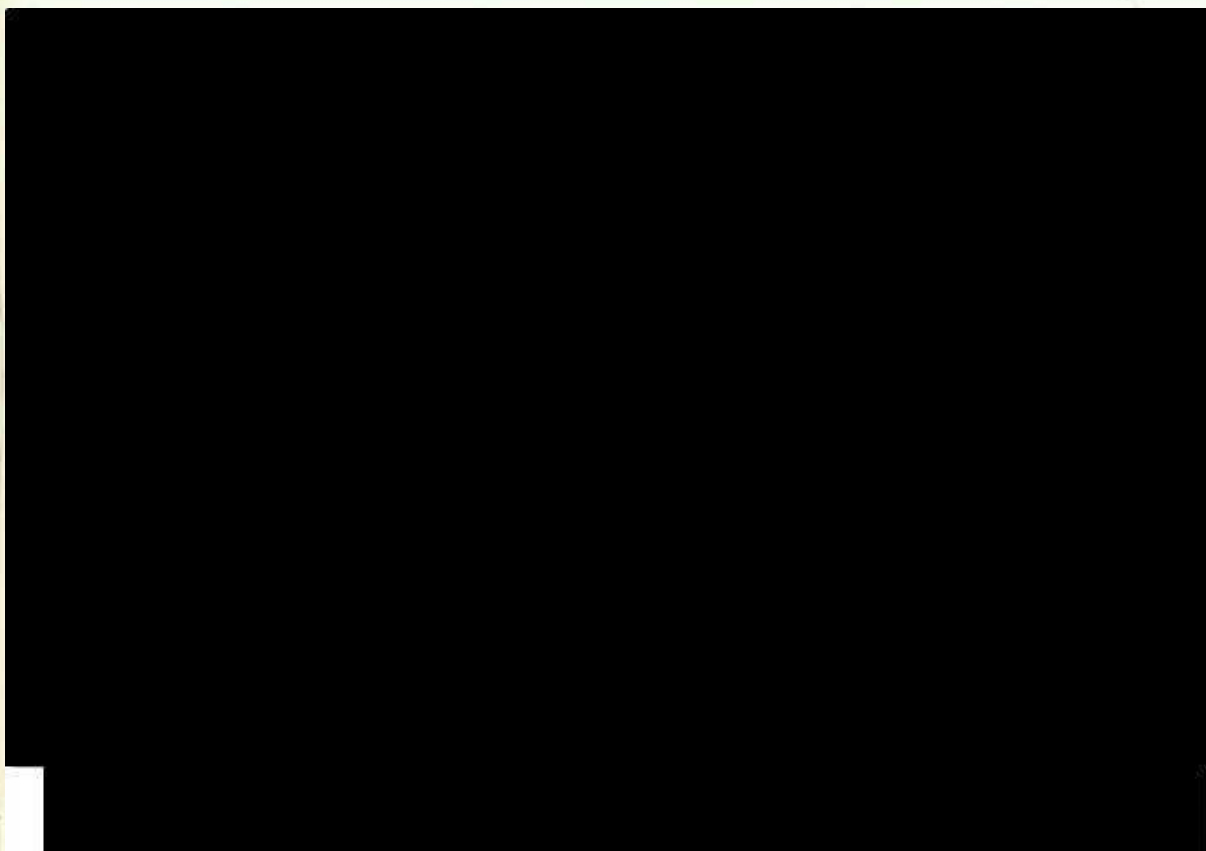
During the World War he served four years with the RAAF the latter part in Papua New Guinea with No. 3 Radar Installation and Maintenance Unit (3RIMU).

It was during this service that he returned to an old hobby of black and white sketching. Any Serviceman who had a photograph of his mother, wife or girl friend could, for the small charge of 10/- receive an enlargement, embroidered with a New Guinea atmosphere.

Talking of sketching, can any reader recognise the most recent sketch of one of our members from the first issue of Blue Circle Southern.

His main hobbies are sketching, fishing (when possible) and a little bird watching. He hopes to take up lawn bowls in the near future with Mt. Yokine Bowling Club.

On left the sketch referred to above.



Sir John Reiss, Chairman of Associated Portland Cement Manufacturers Limited (U.K.) and British Portland Cement Manufacturers Ltd. is here seen with Sir Eric Sandover, right, Chairman of Swan Portland Cement Ltd. The photograph was taken in the Fremantle Room of the Parmelia Hotel, Perth. Earlier this year Sir John visited Muldon and Berrima Works.

JUNIORS PAGE

FAMOUS AUSTRALIANS

William James Farrer,

The Surveyor who produced a famous
Wheat seed.

Wheat has always been an important factor in Australian economy, second only to wool, but the climate raises many problems in connection with wheat-growing which are peculiar to this country. The coming to Australia of W. J. Farrer was therefore extremely fortunate.

Farrer was born in 1845 at Kendal in Westmorland, England. He was the son of a country gentleman, and went to Cambridge with the idea of studying medicine.

Because of his poor health, he was eventually forced to seek a warmer climate, so he came to Australia. He took a post as a tutor at Duntroon Station, near Queanbeyan, N.S.W. The site of the present Australian Military College. Soon afterwards he qualified as a surveyor.

Through his new work he became greatly interested in the problems of the land and in 1873 he published a paper dealing with the scientific side of sheep farming, and various types of soil.

He noticed the prevalence of the parasitic fungus, rust, in wheat crops, and became interested in the possibility of producing a variety of wheat of good milling quality, and resistant to rust.

He obtained samples of seed wheat from all over the world, and set about crossing them in the hope that he would be able to produce, in addition, a wheat that would hold the grain firmly until it was properly ripe. After many years of patient, persevering work, he succeeded in developing his most famous variety, "Federation," the seed of which became available to farmers in 1902.

Farrer produced many other types, but the enormous importance of his work was that it provided a basis upon which other experiments have worked.

After his death in 1906 a Farrer Memorial Trust was established, which provides research scholarships for work in connection with wheat growing.

page ten

AUSTRALIAN BIRD MIGRATION

On this page, last month, you probably read about the mystery of how birds find their way over thousands of miles. When migration time comes the birds know by instinct and they know the way even if they have never been before.

You remember I told you about a little bird from the coast of Wales in the U.K. finding its way back home from America. Well, one of these same birds that had been banded in Wales was picked up, on the coast of South Australia! Perhaps I should explain what is meant by "banded."

Birds are caught using special nets, and great care is taken not to harm them. They are then fitted with a numbered leg band, and all particulars of the bird are recorded. The particulars are sent along with the number, and time and place of release, in the case of Australia, to the C.S.I.R.O., details of any banded bird found are also sent to the same place.

By using this method it has been discovered that about 30 species of birds that breed in Siberia in the Northern Hemisphere, regularly migrate to Australia and islands of the South Pacific to spend the winter. These include sandpipers, dotterels and godwits.

Very few birds from New Zealand winter in Australia. They are the gannet, fluttering shearwater, white-fronted tern and double-banded dotterel.

Only about twenty species of Australian birds winter in New Guinea and other tropical islands, indeed many just stay in the north of Australia in winter.

The longest flight made by an Australian bird covers thousands of miles. The short-tailed Shearwater or mutton bird flies to Japan in June, Alaska in July, in August to British Columbia, and back to Australia in October, which of course is springtime in our country.

FISHY TALES

THE THIRLMERE LAKE'S MONSTER

I suppose throughout the years we all experience strange events, such as perhaps a ghostly vision or the sighting of an unidentified flying object. Invariably, we refrain from discussing such a happening, in fear of having our sanity questioned or being accused of imbibing to excess. However, I will dare to relate the following story, fully realising it will leave me open to considerable criticism and possibly a certain degree of ridicule.

It all began one hot day in January during the summer of '58. It was one of those intolerable sultry days that usually precede a thunderstorm. By six o'clock that evening the temperature still hovered around the eighty degrees mark farenheit, so when Joe Mathews arrived in his old war disposal jeep and suggested we take a few bottles of ale and our eel lines to the lake to cool off, I jumped at the offer.

As I recall it was a week-day and when we parked at our favourite spot, found it was deserted and we had the place to ourselves.

Now these lakes are situated in a remote area and have a primordial atmosphere. Tall reeds fringe their circumference and gnarled old paper bark trees grow all about. Strange rustlings are to be heard among the reeds and occasionally the eerie cry of a swamp bird. On this particular night cicadas were still droning intermittently high in the gums and the frog population chorused incessantly along the banks.

We must have sat there about an hour, sucking our bottles, swatting mosquitos and discussing the introduction merits of trout or redfin, when suddenly we became aware everything had become deathly quiet.

It was at that moment the moon appeared from behind a blanketing cloud to reveal a huge silvery shape break the surface momentarily and then disappear beneath the dark waters.

Joe and I sprang to our feet and peered expectantly into the gloom, hoping for another glimpse of the mysterious creature.

I recall we stood there dumbfounded, making such crazy speculations about its identity as a huge Murray Cod, a giant trout

or carp, or even a crocodile that had been set free there years previously. Although we didn't realise it at the time, the latter explanation was close to the mark.

The one thought in our minds was to capture this monster and realising our eel lines would be of little use to engage a creature of this size, we frantically racked our brains as to an alternative.

Joe rummaged in the back of the jeep and from the large assortment of gear he stashed there cam up with a tow rope and a rusted butcher's hook. Our eel bait consisted of a large lump of bullock's heart and this we embedded firmly on our improvised gear. I remember I waded out as far as possible, then gave the coiled rope a mighty heave and hurriedly returned to the shore. Joe and I were not over optimistic and both were greatly surprised a few minutes later when the rope began slowly moving away from us. Joe nervously grabbed it, gave a mighty wrench and then all hell let loose. The surface of the lake absolutely boiled and the wild threshing of the thing beat it to a froth. Joe yelled for me to help him with the rope and I all but slipped in the red gravel as I hastened to his side. This gravel almost proved our undoing for we dragged down the slope to the water's edge. Then the monster made its mistake for it turned and began coming towards us at a rate of knots. Joe had reversed the jeep when he had parked and now clambered and crawled, cursing in his excitement, until he reached the tow bar and hurriedly threw two or three half hitches around it. With amazing forthought he leapt behind the wheel and engaging the four wheel drive of the old relic, commenced to slowly move up the bank. I stood there petrified, witnessing the nightmare situation of the groaning, straining jeep, the tautness of the rope and something huge threshing out there in the dark, emitting a horrible hoarse sort of a bellow. Then the rope went slack and I thought we had lost whatever it was but suddenly realised it had stopped pulling and was in fact charging towards the shore-line. Joe braked hard and jumped from the cabin and then the moon shone brightly again and we both saw it. Rearing up on its hind

legs in the shadow, it must have stood ten feet tall. I remembered seeing an artist's impression at one time depicting a prehistoric monster called a Brontosaurus and here it seemed was the beast in flesh. Briefly it stood a moment shaking its massive reptilian head, attempting to dislodge the hook from its slaving jaws, then with a spine chilling bellow, it headed for the jeep. Half way up the bank it began flailing its huge tail, uprooting three paper bark trees that had possibly stood there over twenty years. Then its massive jaws closed around a gum sapling, about six inches thick and severed it as neatly as a stick of celery. Joe shuddered as it reached the jeep and at that point it slipped and its jaws closed around the rear tyre. The resulting bang seemed to frighten the beast for it staggered to its feet, threw the offending hook, glared balefully at Joe and I, then lumbered back to the lake and slowly vanished from our sight.

We changed the wheel, as I remember we only replaced about three wheel nuts and those not too tightly, sprang into the cabin and sped up the rough track at a speed the old jeep had not performed since El Alemein.

We didn't say much to our wives that night, merely commenting we'd caught no eels and retired early.

Three paper barks still lie on their sides by the lake. The gum sapling produced new suckers and grew to a bushy tree and Joe has an old tyre in his garage with four enormous holes there-in.

W. A. Featon
Maldon Works

VERY FISHY !

Still no evidence of Clive Langley's catches from his secret spot — maybe they all "got away."

50 TONNERS!

From the Production Dept.

Sunday, 8th September was a very special day for the Production Department here at Marulan Quarries. It was on this day that two new 50 Tonners arrived.

Of course you will have guessed by now that I am referring to limestone haulage trucks, (but you knew that all along, didn't you).

These huge pieces of equipment are capable of hauling 53 tonnes, (yes I did say 53), of limestone in one load.

The trucks are manufactured by Euclid, a subsidiary of the White Motor Corporation of the U.S.A. Although the parts are manufactured in the States, the final truck assembly is carried out in Queensland. (that's a small place just north of Tweed Heads).

Powering these trucks is a Cummins V12 4 Stroke Diesel Engine that develops 635 b.h.p. at 2,100 r.p.m. When you compare this with the family car, which develops 130 b.h.p. at 4,600 r.p.m. you begin to realise its enormous power.

The fuel tanks on these trucks have a capacity of 205 gallons — that's nearly a tonne of fuel!

In the gearbox are six forward gears with a high and low range, which is equivalent, in effect, to twelve forward gears. When the reverse gear is selected the horn sounds automatically, an efficient and effective safety device.

If the raw material being carried is wet, it is prevented from sticking and unloading is greatly facilitated, by a heating system using exhaust gases piped through special ducts.

On entering the drivers cab one is reminded of first class air travel. The cab is sound proof, there is a heater and blower fan, cigarette lighter, windscreen washers and a seat belt.

Safety has not been neglected. Two other predominant features are, automatically locking wheels when air pressure falls below a certain point and a three minute electrical steering device in case the hydrostatic power steering fails.

We look forward to long, safe and efficient service from our 50 tonners at Marulan. Incidentally, they are now the largest Euclids being used in our Group.

D. Perry.

Mike Hotchkiss, Euclid serviceman from Industrial Engineering Ltd.



MALDON



Ted Thompson, Maldon, Grand
father Hits the Silk.

See story opposite.



MALDON'S PERSONALITY OF THE MONTH

"TED" THOMSON

Employed at the Maldon plant as a front end loader operator, Ted Thomson would be the youngest, fittest looking sixty-three year old you could meet.

A big man, of even friendly temperament, Ted is still adding new interests to his long and varied career.

Born at Day St. Sydney in 1911. He can remember viewing the old windjammers and steam tugs on the harbour from the roof yard of the house where he resided in Princes St.

Moving to Bankstown, Ted remembers it then as a vast area of scrub, with the nearest neighbour living a mile away.

He has also lived in such country towns as Junee, Coolamon, Narrandera and finally settled in Thirlmere, where he attended the local school, completing his education at Sydney Technical High.

Ted spent five years in the army during the second world war, and eventually purchased an area of land at Thirlmere adjacent to his father's property, which he cleared and farmed for many years. He worked at the Maldon plant about twenty five years ago as a loader and bulldozer operator for a period of seventeen months, recommenced his service at the works on his 51st birthday and appears settled now until his retirement.

Ted is the eldest of four brothers, losing his second brother, a member of the 1st Independent Commando Unit at New Ireland. He also suffered the loss of his eldest son, Ian, in Vietnam in October, 1968.

Ted and his wife attended Thirlmere school at the same time and their marriage in later years resulted in a fine family of three sons and two daughters.

Motor cycling, surfing, blacksmithing and gardening are Ted's hobbies and in February this year he achieved a life-long dream when he joined a sky-diving club at Wilton, gaining the honour of being one of Australia's oldest sky-divers when he made his first jump. Ted was reluctant to speak of his achievements to the "Link" correspondent, claiming that his "mate", Dave Jenkins, would accuse him of being a glory hunter, anxious to have his photo published in the magazine. Shame on you, Dave Jenkins!

Ted has a fellow diver working at Maldon, Dave Jack, a member of the mechanical section. Dave, a married man with two children, hails from Wilton and is an experience diver with an accomplishment of ninety five jumps for the two years he has participated in the sport.

Congratulations, Ted Thomson, may you still be jumping when you reach one hundred and may all your landings be soft ones!

RETIREMENT 1957 1974

MR. HERMAN NELLESTEIN retired on the 12th September, 1974.

Herman has been an employee at the Maldon Works for 17 years. His first job on Production in 1957 was as No. 1 Cement Mill Miller and he continued in this capacity until No. 2 Cement Mill (a Vickers 3000 H.P.) was commissioned in 1968. He had this position until ill-health forced him to retire prematurely.

A widower with his five children all married, and five grandchildren, Herman is looking forward to spending his retirement at Forster and from statements he has been making somebody should pre-warn the fish on the coast that Hermon is on his way up, this time to stay.

Lots of luck Herman. Fish and sea air are the right ingredients for a long and happy retirement.



Latest addition to the Maldon skyline are two new slurry silos. Commissioning is expected in early February.

Capacity of the two new silos is more than all of the existing storage at the No. 2 Kiln section.

The walls of the silos were constructed in 2 1/3 days with the slipform system.

Heights of the walls are 53 ft. and their capacity will be 600 D.R.M. each. They have 9 inch thick walls and are 26 ft. inside diameter. In their construction 22.75 tons of steel and 276 cu. yds. of concrete were used.

They will have cone bottoms with sides sloping at 40° of 1 ft. thickness.



Maldon Works on August 26th completed 119,224 MAN HOURS FREE OF DISABLING INJURY.

With this performance the Works is now eligible for the 100,000 Man Hours Certificate and Pendant from the National Safety Council of Australia.

FIRST AID

by Herman Egbers — Maldon

RESUSCITATION

The urgent need is to get air into the lungs even if it has to be blown past whatever is stuck in the throat.

It can be used in nearly all cases where breathing has stopped, e.g. electric shock, smoke suffocation, foreign objects in throat, drug overdoses, non-corrosive poisons, carbon monoxide gases, head or chest injuries, heart attack or stroke. Air breathed out contains enough oxygen to save anyone's life.

Follow these instructions:

- 1) Immediately on reaching patient, give six quick breaths.
- 2) Place patient on back. Clear obstructions in mouth by turning head to side and sweeping fingers through mouth.

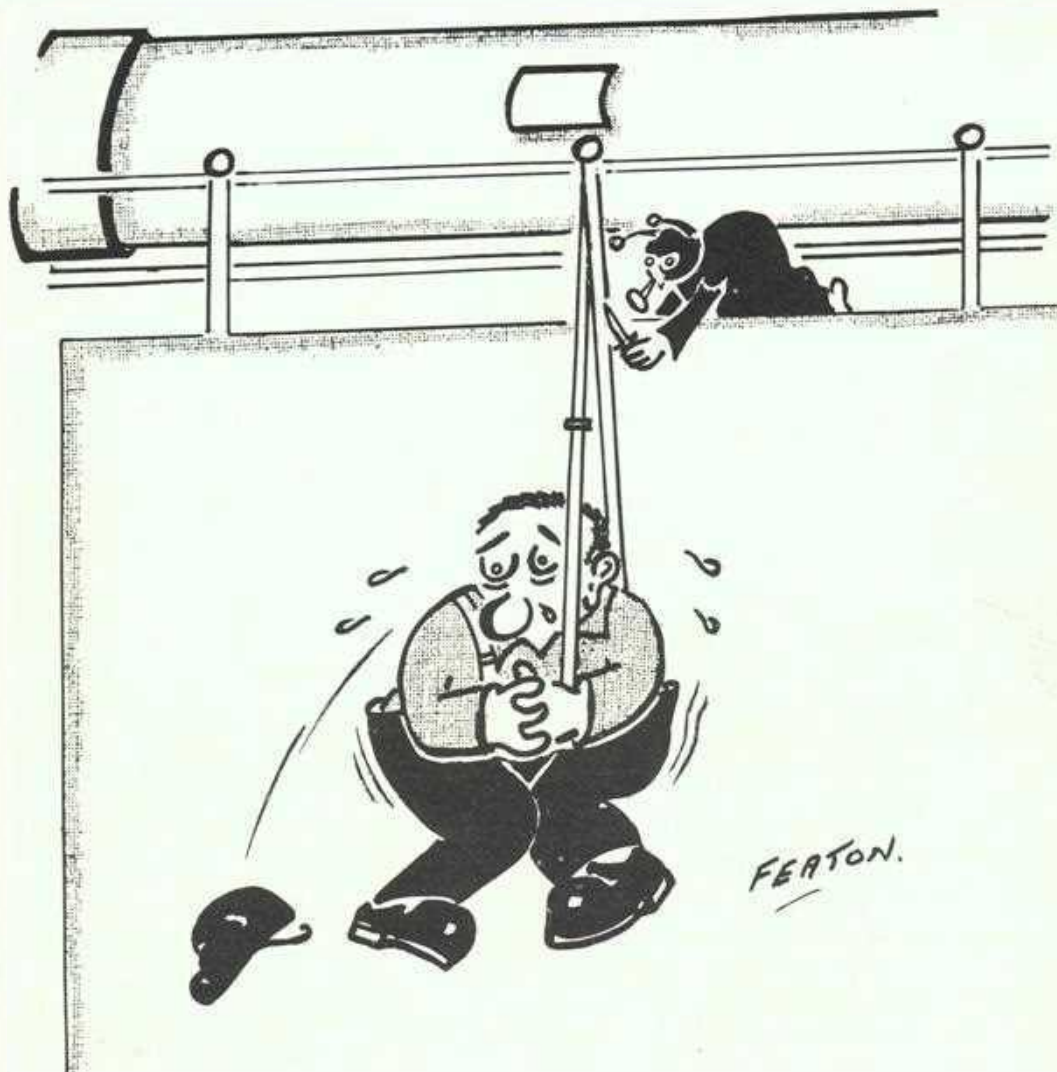
- 3) Tilt head well back. This is important. Tilting the head back clears the tongue out of the throat and gives a clear air passage to lungs. Hold crown of head down firmly with one hand, and pull chin upwards with the other. Close patient's nose.
- 4) Take a deep breath.
- 5) Seal your lips over patients mouth — with infants, seal lips around mouth and nose.
- 6) Blow air into victim until chest rises, if it fails to rise tilt head further back and try again.
- 7) If successful, remove your mouth and listen to patients exhalation while taking your next breath. If patient fails to breathe out, open his mouth, by pulling lower lip down with thumb to allow breath to escape. Gurgling or noisy breathing by the patient indicates the need to repeat steps for clearing throat and improving head tilt position.
- 8) Re-inflate patient's lungs as soon as he stops exhaling. In-flate an adults chest at least (12) times each minute. Infants require smaller and more frequent inflation, at least twenty time per minutes.
- 9) When patient starts breathing, keep your breath in time with his.



MR. PETER TETLEY, N.S.W. WORKS MANAGER

Commencing as a Mechanical Engineering Apprentice at Vicars Armstrong, Peter went on to read physics at London University. As one of the last national servicemen in the U.K. he passed out as senior under officer and was commissioned as 2nd Lieutenant in the Royal Engineers. Joining the A.P.C.M., U.K. in 1962 as a trainee at Swanscombe Works Peter, as part of the training scheme at that time undertook operator functions of packer/loader navvy driver and kiln burner before becoming a Shift Foreman. As an assistant at Cliffe in Kent, one of his duties was repairs to the light alloy rail fleet for Scotland before Dunbar Works was built. He has held positions of Assistant Manager of Hope Works and was Works Manager of Humber Works in Yorkshire for five years. Subsequently he was appointed General Works Manager of a 700,000 Annual Tonne Semi Dry Process Plant at Cuddon in Staffordshire which position he held for three years prior to coming to take up his present position in Australia last October.

The Danger Bug



Utilizing handrails for scaffolds or ladders will someday let you down!



THE PORTLAND TIGER

This ferocious tiger is used to good account at Portland Works.

When a hazard is reported or noticed by the Safety Officer the tiger's head is stuck on the wall or on some object as near as possible to the hazard. The foreman or person responsible is notified and the hazard removed as soon as possible. As soon as this is done the tiger is caged by the Safety Officer drawing lines across it indicating a cage. When this is done the caged tiger is witness to the fact that the hazard no longer exists. It is quite safe.

PORTLAND PARS

My! How these promotions are coming up.

Congratulations to Barry Doble and Don Seymour who have been promoted to Shift Foreman, Barry Rochester has been promoted to Maintenance Foreman and Tom Nicholson steps up to the position of Assistant Works Engineer.

Congratulations are extended to Don and Rae Burton on the birth of their daughter, Fiona Freel, at Lithgow on 31st August. Both mother and daughter are well.

WORKS

Work is at last about to get under way on our new precipitators. The civil engineering contract has been let to Hornibrook Holdings, and as they have already moved into the area, we should see some action very shortly.

FISHING

The school holidays saw many of our keen anglers venture to the west in search of sport. One group, headed by Charlie Hatch, finished up 40 miles below Bourke where they had a delightful time hauling in the "whoppers." The largest fish caught was a 20 lb. cod, and when asked what the total haul was, the group would only say "quite a lot." They very nearly lost the lot too as the wet set in and the group was fortunate to get out.

Another group, including Brian Burgess, Dennis Pattison and Dan Nugent, went to Walgett where they caught about 60 fish between them, the largest being a 6 lb. cod. Wonder what they do with so many fish?

TRIPPING

Harry Kearns and wife Fay are enjoying a motoring trip to Western Australia. Fred Jones and family have just returned from a holiday at The Entrance.

Our local Rugby League Team recently conducted a 200 Club, and the boys from the Portland Cement Co. fared well. Garry Welsh from the Lime Plant shared 1st prize with Cecil Griffiths. Garry collected \$1000.00. Second prize went to J. J. Thomas from the Cement Mill — he collected \$200.

A competition for a "Casette Tape Recorder" was conducted and Mr. Joe Wilson from Ivanhoe Colliery collected this prize.

Did you hear about one Shift Foreman who took the local sergeant out to get some "witchetty grubs" to take on a fishing trip to Walgett? They travelled all the way to Glen Davis, collected 200 grubs and came home with 6 very small fish!

Get well wishes go out to Michael Teong who is recovering in the Masonic Hospital, Ashfield, after an operation. Hope you will soon be back on the job.

Also good to see young Warren Williams back at work after a fall off his motorbike a couple of weeks ago.



Joiner Ray Whitelock fitting the re-discovered Company name plate.

The name plate featured in the photograph is, as far as can be ascertained, the original plate used when the Portland Works commenced operations in 1902. It was located at the front gate near the old time office where it remained until that office was taken down in 1956. Presumably, the plate has not been used since and was discovered in an old stores building which is to be converted to an Electrical Workshop. As can be seen, the plate now occupies pride of place in the main entrance to the headquarters building.



Photo on left graphically portrays Portland's topical safety slogan.

SOME PEOPLE OF PORTLAND IN PICTURES



Above and below: Quarry Workers at lunch.





Top left: Ted Thomas, Burner No. 3 Kiln.

Top right: Jack Statham and Ron O'Brien, loading bags.

Above: Despatch Slerk, Barry Dowsett.

Above right: Ernie Cole, Ian Miles, and Bill Tilley.

Right: Jack Abbot and Ray Ellis charging a mill.

Below: Apprentices Graeme Glazebrook, Clinton Chadwick and Terry Griffiths.



**MORE
PORTLAND
PEOPLE**

BERRIMA

COMMUNICATION BREAKDOWN

Someone must have switched the signals, as both the Credit Union and Hockey Clubs held Annual Meetings and get-togethers on the same night September 27. Perhaps a Claim the Date notice in these pages might be in order.

Let us start with this ad for the Picnic Fund.

December the 13th 1974 has been set aside for the Berrima Christmas Picnic. Santa Claus has advised that he will attend so all other functions are to be banned on this day.

Getting back to Credit Union (a copy of whose balance sheet, hopefully, will appear in this issue) membership is expected to reach 1,000 as we go to press and as the balance shows, assets now exceed \$1 million.

AROUND THE CLUBS

The Go-kart Committee is full of optimism. This long range plan includes a high-speed bitumen-paved raceway at Medway. Something like a miniature Oran Park. I hate to mention it but how about finance, fellows.

Their publicity has been effective as enquiries have been raised from both local and Sydney Karters. How about some Inter Works competition?

The Recreation Club Beef and Burgundy night at Moss Vale was a little beauty. The wines excellent, the steak superb. Must have these more often Don. I heard Johnny D'Adam (Stockhouse) enjoying himself, even moreso when mumma collected some coins from the machine.

The inter-works golf comp. was hailed by those who attended. Weather-cold; Club-house-fine.

Must find a way to coax more club members out of the woodwork. Remember the clubs that play together, stay together, whatever that may mean.



Terry Saker, President of the SPC Hockey Club, delivering his Annual Report.

ACCIDENTS

Not those at work, but those at home have taken their toll this month.

A very serious accident nearly cost fellow worker, Bill Simons, his life. It seems Bill was using the tractor to unload a truck. It sounds like a simple situation, but suddenly the tractor decided to do a backflip pinning Bill beneath it. Fortunately, Bruce Burgess (trainee-foreman), and another of Bill's friends, Fred Krahenbuhl, were on the spot and able to free him. Looks like a couple of months off at this stage, it was still a very lucky escape from the "GRIM-REAPER." The doc says he should make a successful recovery. We sincerely hope this is true.

Another, very close one, happened to Neil Middleton (Cement Miller). Straightening a bent nail at home, Neil could have lost his eye. The nail, one of the 3 inch variety, flew through the air and struck him, half an inch or so further over and Neil would have had a somewhat lop-sided view of things from now on. Back at work with a patch, Neil looks like one of the Mahomet Alis sparring partners. (He is big enough).

THE BEST LAID PLANS

Our sympathy goes to Mrs. J. Zaranski in her illness. The family holiday mentioned last month has been post-poned and we join John in wishing her a speedy recovery.

Christina Thomson of the Typing Pool has now left to take up a career in nursing at the Bowral and District Hospital.



Lorraine Action and Jackie Williams.



Winner of the Best and Fairest Trophy among the girls, Vivian Kite at the Microphone.

Left to right: David McDonald, Key Mulready, Jimmy Bizjak, David Talbot, Graham Dickson, Nigel Elton and John Saker.

HAPPY HOCKEY CLUB NIGHT: BERRIMA



A two day Safety Convention was recently held at Berrima. Managers and Safety Officers from N.S.W. Plants were in attendance. Left to right, back row: Trevor Pearson, Eddie Johns, John Teague, Ken Hulancz, Derek Brown. Front row: Barney Carroll, John Morpheus, Bill Rungie, Peter Tetley, Bill Purvis, Bill Gale, Des Saunders and Ken Patterson.

The Rugby League Football teams recently held their Annual Dinner and Social at Marulan South District Bowling Club.

Keith Allen has now returned to work. We are all pleased to see him back after recovering from his accident.

Jack Scahill accompanied the Marulan apprentices to the recent Wollongong Apprentice Exhibition.

A short while ago Ashley Cooper spent a week of rest and change at Tabourie Lake near Batemans Bay. Ashley is chief clerk at Marulan South Quarry Office.

Stan Murphy played good golf at the recent Country Week. For the first few days he was well up with the leaders. During Country Week golf is played at various courses around Sydney. Stan won two small trophies.

Bruce and Narelle Murphy are the proud parents of a new baby boy, Craig, a brother for Theresa. Congratulations.

Shorty Kopee is now out of hospital and we all wish him a speedy recovery and return to work.

Max Koschenow, who had a stroke and spent some time in Goulburn Base Hospital, has now been transferred to a Sydney hospital. We all hope that he will soon be well enough to return home to his wife and three daughters.

Back from recent annual leave are Dick Bunt, Alex Koschenow, Charlie Potter, Brian Weeks, Gary Worlton, Doug Phillips, David Byrnes and Jimmy Kemp, the latter having enjoyed a cruise to Fiji.

At the time of writing Frank Bell and wife were just starting out on a motoring

MARULAN

trip to Ayers Rock. We trust it turns out a very enjoyable experience.

We were all sorry to hear of the death of Mrs. Stan Murphy's father, Mr. Evans.

The under 14's Marulan Soccer team lived up to expectations, they won the Grand Final 2 to 1. Congratulations. A photograph of the team appeared in last month's Link.

Marulan at present are having a good safety run. At the time of going to press the whole plant had reached 140 days. Group No. 1 qualified for 30 coupons on August 11th. That was three years without a lost time accident. An excellent record.

MAGNETIC MARULAN SOUTH

There must be a kind of magnetic influence that draws one back to Marulan South Quarry.

Les Thompson worked at the quarry about 25 years ago. After about 12 years he went to the Metropolitan Quarry in charge of the maintenance work.

Whilst in Marulan South his two sons grew up and eventually worked at S.P.C. Russel as an electrician and Greg as a Fitter and Turner. Both are now married and live in the village.

About four years ago Les went to manage a quarry in Samoa. Whilst there his daughter Sandra married Thomas Netzer, a Samoan. Les' wife with her daughter and husband have now returned to Marulan South. Thomas is working at the quarry and Les is due back at Christmas!

BERRIMA

Berrima entered a team in the Clayton Brothers Cup held at the Kembla Grange Golf Course. The team, led by Keith Graham, comprised Ian Mackey, Wayne Roderick and Roger King. Although they were outelassed during the day, they still managed to win The Bradman Trophy! (last).

Anonymous.

APPRENTICE OF THE YEAR

BERRIMA APPRENTICE DOES IT AGAIN

For the second year in succession a Berrima apprentice has gained top place in the Coast and Southern Tablelands section. This year it is J. H. Miller.

John attended Goulburn Technical College. In this area, which includes Wollongong Technical College, John was one of 1200 apprentices taking the final year of the Fitting and Machining course. John gained the top place, sharing it equally with one other apprentice.

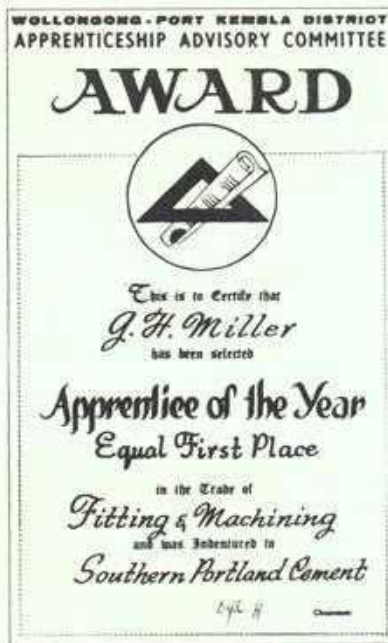
He was presented with a silver tray by the Hon. F. M. Hewitt, M.L.C., Minister for Labour and Industry on the official opening night of the 1974 Wollongong Apprentice Week Exhibition, held in the Town Hall, Wollongong.

Mr. W. M. Gale, Works Manager, Berrima, Mr. D. Marsden, Assistant Manager Development and Control and Mr. J. Galloway, Apprentice Training Foreman represented the Company at the opening ceremony and prize giving.

John has been selected by the Company to undertake further studies in an Industrial Hydraulics course.

Congratulations John.

Below: The SPC stand at the recent Wollongong Apprentice Exhibition.





These two photographs and the SPC stand on the previous page are reproduced by courtesy of the Illawarra County Council, Wollongong.

Two more views of the recent Wollongong Apprentice Exhibition, held in the Town Hall 16th to 20th September, 1974.



TOO LATE FOR GEORGE

Old George was a groper who had reached
his latter days,
To attain them wasn't easy in many different ways,
When he was just a little "feller" he competed with the rest,
Where stealth and cunning was the rule and
George had passed the test,
So he found himself a cave way down there
in the deep,
And found peace and contentment just enjoying food and sleep,
George grew in size as years rolled by and
loved his simple life,

Knowing nothing of the world above with
its troubles and its strife,
Then came a day it seemed to George that
things were not quite right,
He was feeling rather poorly and had
trouble with his sight,
The water seemed so cloudy and he couldn't
breathe too well,
Somehow everything about him seemed to
have an oily smell,
So while "progress" moved ahead all 'round
the world that day,
George slowly floated belly up, to the surface of the bay.

W. Featon
Maldon Works.

WAURN PONDS

THE VICTORIA PORTLAND CEMENT SOCIAL CLUB

The Annual General Meeting was held recently and a new committee was appointed to office for the coming year. The President is Mr. Trevor Anderson, Vice-President Mr. John Bowman, Secretary Mr. Chris Morgan, Assistant Secretary Miss Val Bounds, Treasurer Mr. Noel O'Connor. The Committeemen are Mr. Alan Ollis, Mr. Robin Taylor, Mr. Arthur Pettigrew, Mr. John Truswell, Mr. Roland Cantwell, and Mr. Peter Masterman.

The social calendar opened with a pool night on Tuesday, 20th August, which was a great success and all who attended enjoyed the night immensely. Keen competition took place for the entire evening with the eventual trophy winners being Ron Smith and Stan Mirkovic. The runners-up were Roy Daniels and Frank Nicholson.

The next social function will be a barbecue-picnic to be held in October.

Renewing Acquaintances

It was most encouraging to receive a visit from Rivervale by Ken Wilson, who previously worked at Waurnd Ponds as Industrial Chemist. Of course, Ken was bent on renewing old acquaintances. There is no doubt that inter-works visiting goes a long way to cementing friendships and we at Waurnd Ponds would like to see more of this.

Ken arrived on Thursday the 29th August and was hosted for the evening by Laurie and Maureen Morgan. Friday he spent visiting the works and renewing old friendships.

Then followed an almost continual round of visits for the rest of the week. Among his hosts were the manager, Clive Langley, Herman Bieser, Mr. & Mrs. Roy Garrett, Roy Daniels and family, Mr. & Mrs. Noel Bates, Mr. & Mrs. Sewell and Mr. and Mrs. Herman Biesser, "down on the farm."

One of the highlights was an invitation pool night with Roy Daniels, Hugh Wood, Ron Smith and Mick Hickey.

Another highlight was the final Grill Night at "Long John's" restaurant.



We congratulate Stan Mirkovic, one of our electricians, on being a member of the Geelong Football Club, 'A' Grade Squash side which won the Geelong Squash Association Winter Pennant. The final was played at the Belmont Squash Centre with the side winning three rubbers to one.

Stan merits further congratulations as he personally went through the Winter Pennant undefeated, winning seventeen competition games.

Jack, a Kidney and Courage

When one walks into the Mechanical Workshop and Jack Whitten is about, you can expect a witty crack and the big smile we all know so well.

But in 1971 things looked grim for Jack. He was suffering from kidney disease and had the wearisome task of travelling twice weekly to Melbourne's St. Vincents Hospital to have treatment from a kidney machine. His illness placed a terrible strain on his wife Elsie, and sons, Trevor and Randell. During the treatment Jack was placed on a salt free diet, no pastries and of all things no Carlton Draught. This treatment continued over a period of twelve months.

Then the big day came. On June 2, 1972 Jack again visited St. Vincents but this time it was for a kidney transplant. He then spent a month in hospital after the operation. Now after two years, Jack quips with a big smile: "Haven't looked back, it's going like a train."

Gradually he phased himself back to work. At first three days a week until full recovery permitted him to return full time. A fitter by trade, Jack is now in charge of the store in the workshop, a position he is delighted with.

Well known in and around Geelong, firstly as an ex-league footballer for Geelong, in which time he captained the 1948 Reserve grade side to a premiership. Jack has also been very prominent with junior football coaching both the under 18's and under 15's of Barwon, a local side. Though he is not coaching now he is still active in junior football being manager of Barwon's under 18 'A' grade side.

Jack wishes to thank his workmates and the management of V.P.C. for all the help he has been given.

We at Victoria Portland Cement are tremendously proud of Jack Whitten and salute him for the courage he has shown.

CHEERY JACK
WHITTEN'S SMILE
IS CERTAINLY
A TONIC



WAURN PONDS



Wedding

July 19, 1974 was a very happy day for one of our apprentices, David Kelly and his bride, Anna Tramonte.

David is a 4th year apprentice motor mechanic in the Quarry Workshop.

David and Anne were married at St. Peters and Paul's Church by Father Fitzgerald.

Following the reception at the City Hall, the happy newly weds spent a wonderful honeymoon at Phillip Island and Falls Creek.

They have set up home in West Geelong.

We all wish them much happiness.

Southern Portland Cement Credit Union Limited

Balance Sheet as at 30th June, 1974

1973			1974
7,140	Issued Capital — 4,880 shares @ \$2 each		9,760.00
	Reserves		
11,450	General Reserve	13,250.00	
392	Appropriation Account — (Debit)	1,464.57	11,785.43
519,878	Savings & Deposits (with interest secured)		611,417.33
538,860	—Members Funds—		632,962.76
	Current Liabilities		
1,151	Provision for Income Tax	2,353.15	
745	Provision for Long Service Leave	1,046.22	
590	Sundry Creditors & Accruals	2,808.94	
2,486			6,208.31
\$541,346			\$639,171.07
	Which is represented by:—		
	Fixed Assets		
11,973	Land & Buildings — at cost		12,539.52
	Land & Buildings — Deposit Paid (Total— cost — \$17,221)		1,921.10
	Plant & Furniture — at cost	5,611.88	
2,154	Less: Provision for Depreciation	1,634.02	3,977.86
	Loans to Members	582,605.24	
419,075	Less: Provision for Bad Debts	8,739.00	573,866.24
	Investments		
8,227	N.S.W. Credit Union League Ltd.	10,752.92	
	(Savings Protection Fund)		
2,776	N.S.W. Credit Union League Ltd.	2,965.50	
7,169	Premier Permanent Building Society Ltd.	7,694.77	21,413.19
	Current Assets		
89,972	Cash at Bank and on Hand		25,453.16
\$541,346			\$639,171.07

Note:— Provision for Income Tax

The position of Credit Unions' liability to taxation goes before the Senate later this year. If the Act is passed, and is retrospective of this year, the tax liability should only be \$156.00.

Pool Club Report by "Black Ball"

No. 1 V.P.C. side inflicted a crushing defeat to Moriac Hotel side but not without an early scare. It was left to skipper Trevor Anderson who under extreme pressure clinched a win for his side. Victories to Bunny Wood and Roly Cantrell helped considerably, but the real hero was the skipper. In his game against an opposition star player, Trevor, not noted for his good manners, forced his opponent into errors by giving him dirty looks and consistently elbowing him out of the way. It would do his team mates a lot of good by adopting Trevor's tactics even if they haven't been endowed with the skipper's natural ability. The skipper predicts big things for his side

in future games; he intends giving coaching lessons soon with the emphasis on physical fitness and sober habits, naturally referring to players such as Ron Smith, Phil Allison and Grant White. The side is still undefeated and next week the Golfers side will have to suffer the bitter taste of defeat at the hands of V.P.C. No. 1 side and its "Prince of the Pool Tables," captain Trevor Anderson. All money (50c) per week is to be handed into Woofer O'Brien for end-of-season "booze up" and any money left over from that will be kept in a special fund which the side is running towards a very large photograph of their skipper Trevor that will be proudly hung up at the Waurin Ponds Hotel in the main bar.

GRAHAM McGUIGAN

It is with regret that we record the sudden death of Graham McGuigan as the result of a motor-cycle accident.

Graham was a second year apprentice at Marulan.

To his mother, his brother Ken, and all surviving relatives we extend our sincere condolences.

ALBERT (APPY) VAN DER MOLEN

Appy was well known to most of the employees at Southern Portland Cement at Berrima for many years. Originally from Holland, Appy brought his family to Australia in 1952. Work was hard to get at the time but in 1955 he was fortunate enough to start with S.P.C. For a short while he assisted Mark Jones in the Despatch Department. He had previously trained as a Purchasing Officer with Philips Industries in Holland so when the vacancy arose at S.P.C. he was the natural choice.

Appy held this position until his retirement last year.

We had all hoped that his health would improve but this was not to be. He died as a result of a heart attack.

The service was held at Leppington on Friday the 27th September.

All who knew Appy extend their deepest sympathy to his wife, his two daughters, Vera and Joanna (Mrs. Barry Gash) and Keith and Ken, his two sons.

FREDERICK BENNETT

We regret to announce the passing of Fred Bennett who died on 3rd September, 1974, at the age of 72 years. Fred was employed at Portland Works as a driver from 1951 until his retirement in December, 1967. Fred is survived by his wife, daughter Mrs. I. Lindquist of Portland, and three sons, Harold, Fred and Ben. All members of the Works extend their deepest sympathy to the family.

GARDENING NOTES FOR NOVEMBER

FLOWERS:

SOW: Antirrhinum, Aster, Amaranthus, Balsam, Bedding Begonia, Celosia, Coreopsis, Cosmos, Gomphrena, Helianthus, Marigold (African and French), Nasturtium, Portulaca, Phlox Drummondii, Primula, Scabiosa, Salpiglossis, Sweet William, Sweet Pea, Verbena, Zinnia.

PLANT: Ageratum, Antirrhinum, Aster, Carnation, Dianthus, Delphinium, Petunia, Phlox, Salvia, Verbena, Zinnia, Dahlias and Chrysanthemums.

VEGETABLES:

SOW: Beet, Beans, Carrot, Cress, Lettuce, Onion, Parsnip, Peas, Sweet Corn, White Turnip, Celery, Capsicum, Cape Gooseberry, Tomato, Cucumber, Melon, Pumpkin, Squash, Vegetable Marrow, Radish.


PLANT: Lettuce, Tomato, Potato, Sweet Potato, Herbs.

Seedlings of summer flowering annuals can still be planted, and should grow and flower quicker now that the weather is a little warmer. Watering should be done in the late afternoon now so that the water does not evaporate too rapidly.

Rhododendrons, Mollis Azaleas, Deutzias, Chinese Beauty Bush, Lilacs and late-flowering Crab Apples should be in bloom this month in our district. Roses are now in their first flush of bloom. Keep an eye out for aphids and spray immediately to control these. Aphids cause malformation of leaves and young growth, as well as affecting the full development of the flowers. Prune Spring-flowering shrubs as soon as the blossoms have faded. Tie up long jonquil and daffodil foliage to tidy up the garden beds, but do not cut back until the leaves have dried. Hyacinth and Tulip bulbs will need to be lifted and stored as soon as the foliage is dead. Stake tomato plants as they grow, nipping out some of the side growths to keep the plants growing upwards.

Watch for bare spots in lawns and scatter a little grass seed, remembering to keep these areas damp until the grass is growing well.

CYCLE WITH SAFETY

 Many more bicycles are coming onto the roads. Of course bicycles are always very popular with children, and it is very important that they learn to ride safely.

HERE ARE SOME RULES TO LEARN, REMEMBER AND OBEY

1. Obey all the Traffic Rules.
2. Keep to the left of the road.
3. Ride in single file and on a straight course.
4. Head up and eyes open.
5. Ride at a safe speed, be prepared to stop suddenly if necessary.
6. Slow down when approaching corners and cross roads.
7. Be prepared to stop and give way to traffic approaching from the right.
8. Obey all traffic signs and signals.
9. Give good clear signals.
10. Keep out of ruts and tram lines.
11. Never do stunts or race in traffic.
12. Never hang on to cars or trucks of any kind.
13. Never carry passengers, or pull others on skates or bilycarts.
14. Never ride on or across footpaths.
15. Get off the roadway to make repairs.
16. Wheel your bicycle across busy intersections.
17. Always make sure your front and rear lights, reflector, brakes and bell are working correctly.
18. SEE AND BE SEEN AFTER DARK.

By courtesy of N.S.C.A.
From Australian Family Safety Magazine.

SAFETY SLOGANS No. 2

On this page we have published some of the winning Safety Slogans. They will help you in making up a slogan for this month's competition.

Prizes in each plant or group as usual \$5.00, \$3.00, \$2.00 and five of \$1.00.

Results of Safety Slogan Competition

MALDON
MONTHLY LINK AUGUST, 1974

Judging Panel — Female Office Staff

1st: W. FEATON, \$5.00.
"Stay Alert — Stay Alive!"

2nd: B. THOMPSON, \$3.00.
"Remember — It can take a lifetime
of misery to get over a few seconds
of carelessness."

3rd: B. ANSON, \$2.00.
"You have nothing to gain by inflicting
pain
On you or your working mates,
So take care of your tasks,
Do as the sign asks,
If you don't you'll find its too late."

4th: L. BROWN, \$1.00.
"I thought Safety Bonnets a nuisance
only another man's fad,
Until I heard a child say,
"That poor man was my Dad,"

5th: N. STAINES, \$1.00.
"Only fools use bad tools."

6th: H. EGBERS, \$1.00.
"A mole has no eyes to protect, but
you have. Use your safety glasses."

7th: GENERAL OFFICE, \$1.00.
"Beat Bill's Bug By Backing Barney's
Bunch."

BERRIMA SAFETY SLOGAN WINNER
Mrs. M. Roach, Berrima — \$5.00.

"BE CAREFUL IN EVERYTHING
YOU DO AND LET "SAFETY" BE
A WATCH WORD FOR YOU."

MALDON CRYPTIC QUIZ RESULT

Drawn by Joe Marta

1. D. Mason — Office, \$5.
2. V. Kaali — I.W.A., \$3.
3. B. Thompson — Production, \$2.
4. J. Flaxman — I.W.A., \$1.
5. Mrs. B. Rawlings, \$1.
6. Mrs. P. Cord, \$1.
7. Mrs. M. Reed, \$1.
8. Mrs. B. Hinchcliffe, \$1.

ANSWERS TO LAST MONTH'S PUZZLES by Steve Chadwick, Maldon.

Puzzle No. 1 — Ice, Ink End, Dual, One,
One, Bush, Ban, Pose, Imp, Vice.

Puzzle No. 2 — Ear.

A STEPPING STONE FOR JOHN

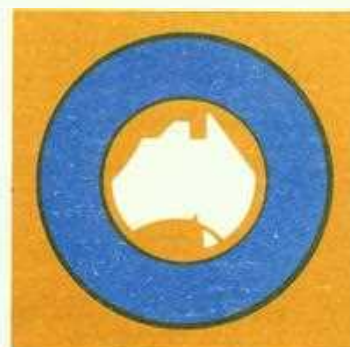


THE HON. F. M. HEWITT, MINISTER FOR LABOUR AND INDUSTRY CONGRATULATES APPRENTICE JOHN MILLER, BERRIMA, ON BECOMING APPRENTICE OF THE YEAR IN THE WOLLONGONG - GOULBURN AREA.

BLUE CIRCLE SOUTHERN

Vol. 1. No. 6.

NOVEMBER, 1974



MONTHLY LINK

BLUE CIRCLE SOUTHERN MONTHLY LINK

Vol. 1. No. 6 — NOVEMBER, 1974

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PORTLAND: Ken Patterson.

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RIVERVALE:

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WAURN PONDS:

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Mrs. J. Bytala.

GARDENING:

Mrs. C. C. Crowe.

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MONTHLY MESSAGE FROM YOUR MANAGING DIRECTOR

1st November, 1974.

In the September issue, I wrote to you about some of the problems facing the Australian economy and the cement industry at the present time. I said that we could do little to help the overall economy but that we could do something to help ourselves. "Keep the kilns turning — look after the plant that is in your care — keep production going." In return, the plant will look after your jobs and do its best to protect you against the adverse factors prevailing at the present time.

Since I wrote that message in August, it is heartening to see the efforts being made at the plants to ensure that we perform well. In September our New South Wales plants reached a record production level since the merger and this record has itself been broken in October. The kilns are the backbone of the industry and it is clear that everyone is making a real effort to keep them turning and producing at good levels. This requires a concerted effort, not only from our technical experts, but also from the people preparing the kiln feed and the people operating the kilns. It requires an application to our work which we should all be proud to give.

In another area, that of safety, Group performance is much better than it has been in the past. As at the end of October there had been 38 lost time accidents in the year compared with 68 in the corresponding period last year. Again this is an area where performance is directly affected by the attitudes of everyone at the plant, from the newest employee to our most important supervisor.

Eric T. W.

Apprentice Parents Day

Berrima

Apprentice Parents Day at Berrima attracts a great deal of interest in the community. This year about 150 attended.

Apprentices at work on various machines are always an added attraction. We have endeavoured to give some idea of the gathering in the accompanying pictures.

Later, morning tea was served in the lunchroom by Mrs. Zaranski, wife of John, our General Foreman, and several helpers who are shown over on Page 4.

Jim Galloway, Apprentice Training Foreman, welcomed the parents and visitors and introduced Bill Gale, our Works Manager.

Bill Gale assured all present that being part of the new Company, Blue Circle Southern, would ensure even greater interest in Apprentice and Trainee schemes, and that opportunity for advancement would be enhanced.

We were happy to welcome Councillor J. Cox who at one time was Executive Officer of Apprentice Training in Papua New Guinea.

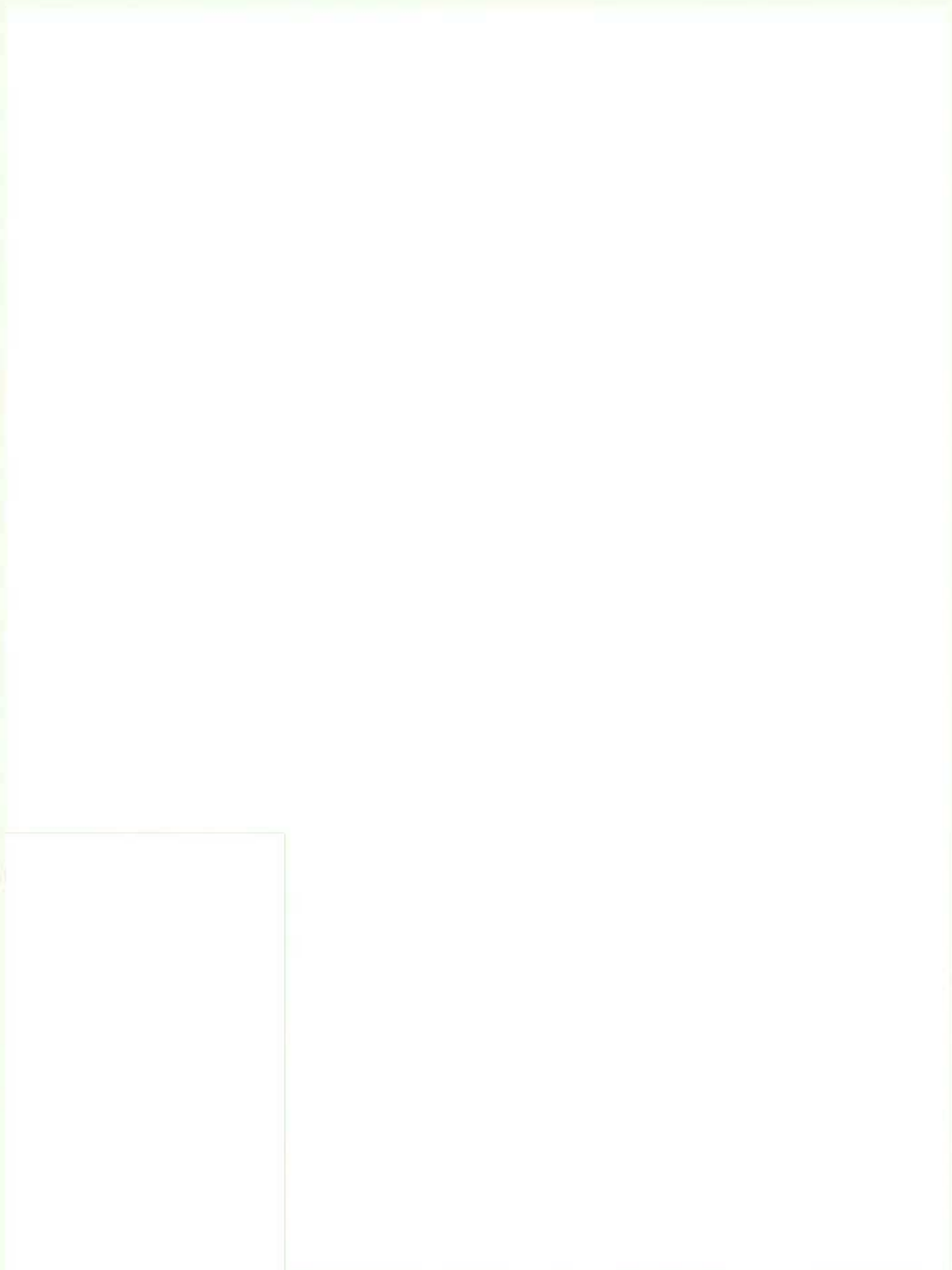
Mr. Cox said "Apprentice training is dear to me and it is a wonderful experience to see so many parents and friends showing such interest in the apprentices. In New Guinea the parents show very little interest, this is because the young people have received an education and have the desire for further training, themselves. However, the standard over there is just as high as it is here."

Mr. Cox said later that any young person who took a course of training, whether it be a Trades course or some specialised advanced Traineeship, was also training to be a citizen; and when the course was finally completed it was a testimony as to his character.

Dennis Marsden, Assistant Manager Development and Control, said that a total of nine trades were covered within the Blue Circle Group and that in N.S.W. alone there were 99 apprentices, 44 of these were at S.P.C. We are looking at doubling our previous intake. When an apprentice becomes a tradesman that is not the end, many go on to Traineeships. The possibilities for advancement are greater than ever before.

Below: Jack Hebblewhite.

Below: John Talbert — father and mother in background.



Editorial . . .

What is success? Is a man or woman successful because they happen to be earning more money than you? Is your wage or salary a true measure of your success in life? Does it bring you happiness?

It is, I suppose, only natural for a young man or woman to look at the remuneration they will eventually receive if pursuing a certain course of training. But, is it the job or the money that will bring the most fulfillment and satisfaction?

Years ago a craftsman took great pride in his work. It had to be right, it had to be the very best he could do. He didn't need any overseer or foreman. He didn't worry about the time, or whether he would get time and a half or double time in his pay packet.

When I was haymaking with an old Scotsman some young men came from a nearby city to work. They asked what time they had to start and what time they would finish. The grizzled farmer pointed to the sun, he said, "When the sun rises we start, and when it sets we finish."

It's true that all should receive adequate remuneration, sufficient to bring up a family, pay our way and keep up our savings. Unfortunately this has not always been the case, but as the Good Book puts it, "The labourer is worthy of his hire."


Today we also need rest, recreation and change in order to do a good job, but could it be that many of us are simply looking at material gain and possessions, and thinking that in the end these will bring us unbounded happiness?

A certain millionaire once said that he would give a great deal of his worldly wealth if he could only enjoy one meal! Many wealthy people cannot get a good night's sleep, they're worried that they might lose their possessions!

Our Employment Officer at Berrima, Les Humphries, recently told me of an experience he had when a boy. He was ill and his parents sent for a doctor. The doctor lived about five miles away, it was eleven o'clock at night and pouring with rain. Without question the doctor took up his bag, mounted his horse and attended his patient. It was about one o'clock in the morning when he got back home. What did he get out of it? Satisfaction that he had answered the call and done his best.

You may be in a job that you do not like, cannot find interesting, as the saying goes, "a square peg in a round hole". That is very common today. All you can do is your best, and this will prepare you for something better.

Reading an article recently, a phrase struck in my mind. "You can be successful without being spectacular." A person who is happy is successful, a person who is successful is one who is doing his best, getting satisfaction from a job well done, even if he is a square peg in a round hole!



Mrs. Zaranski and helpers who ably provided morning tea on
Parents Day.

Berrima

"TULIP-TIME" in Bowral resulted in a record influx of visitors to the district during the past weeks. The climax was reached on Saturday, October 19th when the legendary "BONG BONG CUP" attracted some 25,000 spectators. Arriving in 150 buses, a special train, and every conceivable type of automobile, (some late arrivals parachuted in), the record attendance caused traffic to bank up for five miles in each direction from the gates.

Fashion is not my forte but it could be described as "Interesting." Many, elegant in stovepipe hats, tails, football shorts and thongs lent an air of sobriety to proceedings. HIC, Champers and chicken will do nicely, thanks.

Now a plug for sister city Moss Vale. The Annual Bush Week Festival will commence with a Beer Fest on February 28, 1975 and planning is well under way for a variety of functions in the following ten-day carnival. S.P.C. Recreation Club is playing it cool but an announcement is expected soon.

Plant-wise, news is a little scarce this month. Could be the calm before the Christmas storm. Top of the list is the pleasing note that Joe Bizjak is now back at work after his unfortunate accident. Henry McKeown is another face we had missed but is now back in the fold. Henry has been on long service leave and enjoyed it thoroughly by all accounts.

The Annual Meeting of the Credit Union was beset with problems this year. First the strike by Registered Club Employees marred an otherwise pleasant annual get-together, then Moss Vale suffered a breakdown in their water supply, and finally the clash with SPC Hockey Club festivities. All was not lost however and a goodly number of stalwart supporters ensured that justice was done. New Directors for the next two years are: Eddie Cooper, Marulan; Ron Bell, Berrima County Council; Jon Vis, Bowral Municipal Council; and the fourth vacancy was filled by Les Humphries' re-election.

Hobbies are a subject that we intend to investigate in the coming issues of the Link and preparatory work has revealed that here at Berrima they range from flying Model Aircraft, through Skin Diving and

training Trotters, to growing Softwood Trees. We even have a Lady Pistolshooter. She is quite a marksman too, or so we are told. Please contact us if you can add to this list. Photography is one I am sure would please the Editor. We may even develop some form of competition along these lines. "How about it Ed?"

Bob Croese Jnr., at the weighbridge, is the latest to join the ranks of the New-Home-Owners, having only recently moved in. Congratulations Bob. I report these in the hope that there may be a spare seat at the house-warming celebrations. Dennis Marsden must still be hard at work on his as I've met him in the hardware store once or twice. Terry may be a better bet, activities seem to have tapered off up on the Gib. On the same subject, I met Ian Cairns at Robbo's the other day. He is looking great. Says the job at Newcastle is fine and wishes to be remembered to all. He is down for a few days attempting to finish the house he started to build while at S.P.C.

TREES

Tree planting started to provide a screen of trees between the works and the corner of Taylor Avenue and Moss Vale Road. It is hoped to develop the area as a parkland with the two hockey/soccer fields in the area.

COMMISSIONER MANUEL

Visited Berrima to discuss with the A.W.U., problems relating to storemen's rates of pay. This was settled and Commissioner Manuel complimented the A.W.U. and the Company on the manner in which the matter was settled. Comments by the two lady stenographers who visited with the Commissioner indicated the manner of conducting negotiations in the Cement Industry is a credit to both Unions and Management. Congratulations all round.

No. 5 KILN

This was off to patch broken bricks 5 rows from the nose ring. The kiln was off only 20 minutes since heat setting mortar was used.

CLINKER DESPATCH

A train load of clinker was sent to Kooragang (Newcastle) over the weekend to try and maintain cement supplies in that area.

Max Barnett's Picture Page



1. Sok Thourk, pictured, is Commercial Manager of a Cambodian Cement Manufacturing Company. He spent one month with the Company looking at distribution systems. He is here seen on his visit to the Alexandria Phoenix plant of Ready Mix Concrete Industries Pty. Ltd. This plant produces two batches simultaneously and also loads them simultaneously. Sok Thourk was greatly impressed with its efficiency.



2. Cement plants and distribution depots have their problems, but so do the customers. Pictured is a premix Agitator fully loaded with 8 cu. metres of concrete and a broken gear box on the discharge motor, preventing unloading. A race against time (setting time) is involved. To get the concrete out of the mixer, a hatch plate has been removed from the Agitator drum, and a rope attached to a tractor to turn the hatch to the bottom. The concrete is then hosed out and dumped as a total loss.



3. Max Barnett, Sales Manager stands triumphantly on the empty floor of the clinker storage at Berrima. After sixteen years of "roasting" by production personnel regarding high clinker stocks, a "victory" by Marketing was long overdue.



Company Representatives: Alan Peel, Bruce Vance, Bill Ballinger, John Bully, Bruce Falkenmire, Bob Bain, Len Newman. Kneeling: Eric Mathlin, Marketing Manager and Dick Kruk, Lime Plant Foreman. Taken on Marulan Railway Station.

Family Safety

In Australian Family Safety magazine I read a most informative paper on the causes of fire, the prevention of fire, and what to do if you are caught in a fire. The paper was by Mr. H. C. Parker, District Officer, Board of Fire Commissioners. I will endeavour to pass onto you in my own words wherever possible, some of the main points covered.

The Causes of Fire

1. Flammable liquids, some of which are petrol, oil, varnish, kerosene, methylated spirits. For example, the vapour produced by one gallon of petrol, combined with the correct porportion of air, is equivalent to 80 pounds of dynamite!

Mr. Parker told of an experience in a laboratory. A young lady was using some ether, some of which splashed onto her white uniform. It was a cold day and an electric radiator was switched on in the laboratory. It should not have been there. The ether vapour, being heavier than air, went to the floor level. Unseen, it reached the radiator. There was a flash of fire and the flames sped back along the vapour trail to the young lady who became a human torch!

2. Carelessness with smoking habits is the major cause of fire in our community. In N.S.W. in 1972 over 4,300 fires were caused by children playing with matches or smoking. In Victoria there were only 177! Matches and cigarette lighters hold a great fascination for children so they must always be put out of reach. However, adults are by far the worst offenders. 10,000 fires were caused by carelessness of adult smokers in the same period.

If you must smoke, never do so in hazardous locations, near flammable liquids for example, or in bed.

Unfortunately many people do smoke in bed and many have lost their lives because of this. Often people smoke in bed whilst reading, watching television or listening to radio. They doze off to sleep and the cigarette comes into contact with the bedding. First there is just a scorch mark. Then a very small smouldering fire. There is hardly any flame with a bedding fire, it smoulders, and this smouldering gives off a deadly gas, invisible, without odour, without taste — it is carbon monoxide, chemical symbol CO.

It is a good plan to provide deep receptacles for the butts of cigarettes, made of a material that will not catch fire, and always make sure the flame of a lighted match is extinguished before throwing it away. Finally, with regard to cigarettes, burning butts should never be thrown out of car windows, especially in bushland areas.

3. The misuse of electrical equipment is said to be the major cause of fires in the U.K. and also one of the main causes in the U.S.A.

In Australia it is also a hazard. Many amateurs rig up extensions and perhaps hook them over nails or pictures, or through ordinary staples. They very often become permanent and the cords can become frayed causing a short circuit. This can then generate a great deal of heat through arcing and combustible materials nearby can become ignited.

Fuses of the correct rating should always be fitted. If a fuse continues to blow, time after time, an electrician should be called in.

Electric irons are often the cause of fires. Sometimes they are left switched on and in contact with combustible material. Many fires would also have been prevented if a suitable iron stand of some material that cannot catch fire had been used.

Frayed or worn cords should always be attended to.

If going out, check that all switches are off, and if going away for a few days or more, switch off at the main.

To be continued.

In the pool competition Blue Circle defeated V.P.C. No. 1 in the semi-final. With tension running high a grandstand finish was put in by Blue Circle to win 3-2. Blue Circle now go into the final a very confident side with captain "Nerves" Mallesza predicting that his side will make it two premierships in the two years the competition has been running.

A weekend trip to the snow at Mt. Bulla was enjoyed by some of the apprentices in the mechanical workshop recently. Two of the lads, "Sludge" Neilson and "Punchy" Holmes commented on the lovely scenery surrounding their hired cabin. Apart from skiing, various indoor games were also enjoyed they added.

Rigger Henry Mealey has become very keen on safety gear and he and Phil Allison are cooperating very well together. More on this next month.

Brian Shelley has added two young pups to his greyhound kennels namely Ricky and Hicki; both pups are doing well.

Charlie Cromer and Arthur Pettigrew seem to be running out of opposition at the lunch time euchre game. A great understanding between these two make them almost unbeatable.

Good to see John Truswell back on his feet after his recent illness.

Murray Wishart from the Yard Gang found the going a bit hard while at Surfers Paradise on holidays recently. "Spider" was unfortunate enough to damage his knee while kneeling down (and that's his story, not ours) and spent a short stay in hospital for temporary repairs. Murray then headed for home where he had the cartilage removed. We are pleased to report that Murray is back with us again as fit as ever.

Every lunch hour at Waurn Ponds sees several groups of serious faces concentrating on the turn of a card. There are several card games in action during the break. This month's Game of the Month" features the

Waurn Ponds

self-proclaimed "Euchre Champions of Waurn Ponds" who are shown in action.

John Blamires, Dave Mackay and Frank Nicholson are proud fathers again. From all reports they survived the experience quite well.

A new face in the General Office is Garry Cleverdon who has taken the position of Relieving Clerk.

Trevor Hill from the Quarry section has returned from a camping tour with his family through Central Queensland to Cairns. Trevor tells us that the weather was great and has a suntan to prove it.

by Ken Massey

Below: Jack Murphy, obviously holding both bowers.





Left to Right: Allan Holmes, John O'Neill, Ray Hodges, Dale Neilson, Jack Murphy.

100 YEARS AGO — 1874

Attention was directed some months ago to the fact that the limestone deposits at Waurin Ponds were about to be utilised in the manufacture of cement for building purposes, and a company had been organised towards that end. About 12 months ago, a trial was made and it was found that the cement prepared from the new material was equal to, if not superior to, the celebrated Portland cement. Since then we learn that the company has erected works at Stony Creek, near Williamstown at a cost of about £12,000 and as proof that the operations bid fair to become extensive, it may be mentioned that, within the past fortnight, 120 tons of limestone from Holdsworth's quarry have been forwarded to Williams-town in lighters for this port. When in full operation, it is estimated that 300 tons of limestone will be forwarded from the Yarra Street wharf monthly. The material used is, of course, fragments and quarry rubbish, which is of little or no value for building purposes and therefore would only go to waste.

From the Geelong Advertiser, 1874.

LABORATORY NEWS

Two new starters, Bruce Panting and Brian Hollis — we hope we can come up to their expectations.

Jack Moores had two new grandchildren last month, making 13 in all. He is no longer planning a soccer team, but will now go for an Aussie Rules team. Jack's fully recovered from his operation and Herman Bieser tells us he is fighting fit.

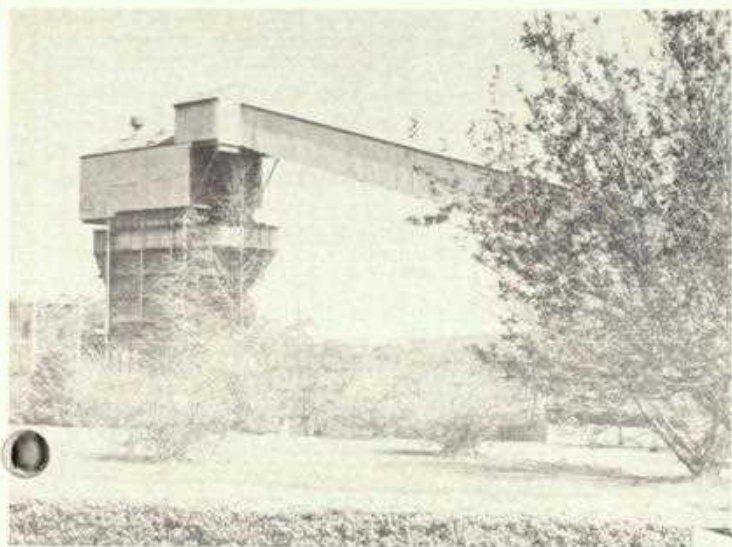
— ROY GARRETT

BERRIMA

Colli
at B
has
posit
at A

end Extended Colliery. He has been Colliery
Manager at Berrima, Coalcliffe and Neath,
and served for a time as assistant Mining
Engineer on the Joint Coal Board, Cessnock
Office. He is a certified Colliery Manager,
Member of the Institute of Chartered En-
gineers (U.K.), Members of the Institution of
Mining Engineers (U.K.), Member of the
South Wales Institute of Engineers (U.K.),
and Associate Member of the Australian In-
st

Max Thorpe — Commenced at Berrima
Colliery in 1956 as office clerk under Sandy
Galloway. He was later appointed Storeman
and when Sandy retired in 1964 he became
Senior Clerk. Max is responsible for com-
pilation of pays, Timekeeping, General Office
Work and Welfare.



Tom Chapman.



Bruce Fraser, Ray Chalker, Lloyd Murchie,
Arthur McConnell.



John Bevilacqua, Merve Brittle.



GOING DOWN ON THE FIRST AFTERNOON PRODUCTION SHIFT SEPTEMBER 23rd, 1974

Left: Colin Steward, Jim Foody, Bill O'Brien,
Jimmy Murchie, Bill Beveridge.

JUNIOR'S PAGE

PETS

We have had many pets. Over the years we used to have canaries and budgies. At present we have two cats and an Angora rabbit.

The oldest cat has been with us since it was given to Eva as a kitten. We called her Panda from the start. Panda now thinks that she owns the place, of course she has been with us for many years. She is grey with black markings and now is a large and heavy pussy, but she still knows how to make a pitiful mee-ow.

Our smaller and younger cat has a lot of white fur, with grey-black markings along her back and tail. Let me tell you her story.

Heather worked in a shop and one day a thin, half-starved little pussy cat wandered into the shop. It was a very young — only just learning to lap, but as if by instinct she knew how to give a kind of broken mee-ow which tugged at the heart-strings. The result was that Heather rang Dad at work and the little pussy found a home.

At that time we had a black cat also, in addition to Panda. We christened the new addition "Tiger" and she had a rough time at first — the other cats treated her as an intruder. Then the black cat started to mother the little newcomer, licking her and washing her almost continually. Unfortunately the black cat wandered away shortly after and didn't return. Panda and Tiger managed to get along until someone gave us an Angora rabbit.

The cats were scared and very suspicious from the start. They kept a good distance away from Peter Rabbit and watched him continually. What was this thing? Its nose moving up and down all the time, its eyes pink, long ears and long white, woolly hair. The cats even tried eating dandelion leaves and grass that we had brought in for bunny! Peter often hops towards the cats — he evidently wants to be friendly and play, but the cats are too scared and Panda jumps high out of the way and then sits and watches every move of this strange creature.

Peter Rabbit seems to be very lively in the morning and at night, and runs round and round the room, and between your legs,

then he will stop and look up and expects his nose to be stroked!

Do you have a pet? Write and tell us about him. Put your name and age on the paper and just write a few words — What he is, what he does and his name. If you can get Dad or Mum to take a photo, and if it is a good clear picture, send it also. We will put it in the magazine.

FAMOUS AUSTRALIANS — CAROLINE CHISHOLM

It's a strange thing, but we often miss interesting things, and people that are close at hand. I had to come to Australia to learn about Caroline Chisholm and yet I have many times driven through Northampton in England, where she was both born and buried.

She was born in 1808, the daughter of a farmer, William Jones. She married Archibald Chisholm when she was 22. Her husband was a Captain and served in India.

Caroline was the kind of person who always seemed to have the welfare of others at heart, and when she saw the young daughters of soldiers running wild, she started a school. This was in Madras.

In 1838 the Chisholms, now with two young sons, came to Australia. Migration was being encouraged by the British Government and many young women and girls arrived alone. Caroline would go down to the dockside and the rougher parts of the town, and take as many of the girls as she could. She looked after them in her own home until they found work.

She tried hard, for a long time, to get government help. At last Governor Gipps arranged for her to have a part of the old wooden immigration barracks. Here she fixed up a home for female immigrants. Sometimes she had as many as 100 at a time.

She wrote to clergymen, magistrates and others trying to find work for the girls. It became a registry office for employment.

When the first dray-load of girls were to be sent into the out-back they didn't want to go alone. They had heard so many tales about bushrangers, natives and snakes. Caroline had to go with them. At first she used to ride on the dray, later she went on horseback. She became a well-known figure on the 130 mile stretch of road between Sydney

and Goulburn and was never molested. She assisted 11000 migrants this way.

Caroline also helped in getting passages from England for wives and families of convicts, and also children who had been left in England by parents.

Later in Melbourne, she turned her mind and activities to the betterment of housing and working conditions.

She went back to England for the last time in 1866 and died in 1877 at the age of 69 years.

She was well-known and greatly respected by such people as Florence Nightingale and Charles Dickens, she proved a great encouragement to them, and many others.

Berrima Retirement



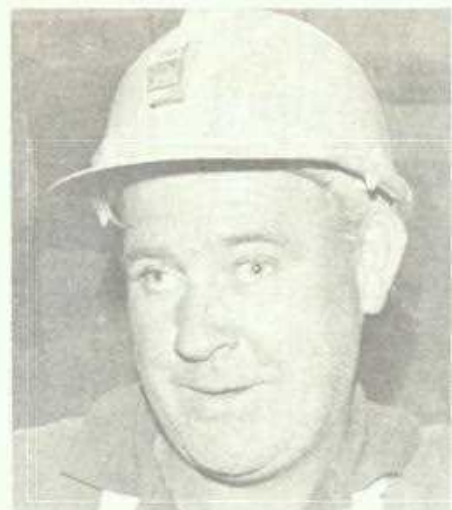


Cecil Williams.



Jack "Red" Thomas.

Below: Joe Kearns.



Portland

NEW ARRIVALS

Congratulations are extended to Noel and Mrs. North and Lester and Mrs. Gardiner on the birth of a son and daughter respectively.

ILLNESSES

It is good to see some of our members around again after hospitalisation, namely, Michael Teong, Jack Hinchcliffe and Len Taylor, also Gary Shanahan. Had to commiserate with Brian Peters who had arrived back from Stradbroke Island with a fractured left elbow. Seems he was on this cruise and moving from the upper to the lower deck when the thing moved and he fell. Bad luck Brian, and next time perhaps you should hire a dinghy.

Early this month our Assistant Manager (Production) presented to Garry Walsh his badges and certificates from the Wise Owl Club.

About twelve months or so ago, an ex-employee of the Portland Works was seriously injured in a motor accident. This man, Wally Horner, lost both legs and one arm, but despite this he has recovered and is home from hospital. To raise some money to help Wally with the necessary alterations and extensions to his home, a Car Club competition was organised in the Portland area. This competition was finalised a short while ago, and the winner of the \$2,000 first prize was David Hunter, employed in the Maintenance Section here. Congratulations David, on your win, but congratulations too on your fine gesture in immediately donating \$500 back to Wally Horner.

SPORT

Football? Yes, it's all over for this year, and the Portland Colts held their Annual Ball on Friday night, 11th October, 1974. I only mention this because the player nominated for Best and Fairest in First Grade was Ken Clarke, a member of the Quarry Section at Portland Works.

In the Scout Communithon held on 12th October, the Company sponsored Tony Boyling, son of Athol Boyling who works in our Quarry Section.



Top Left:
Presentation to Gary
Walsh by Charles Stobert.

Top Right:
Gary McDiarmid—Fitter.

Above Left:
"Curly" Cain, gardener,
with Jack Thomas, Cem-
ent Tester.

Above:
Bill Lark — Burner.

Left:
Billy Clarke — Burner.

MORE
PORTLAND



Des Stait

Les Pender — Front End Loader Driver.

Below:
Ted Burrows, Ironworker, Don Smith, Fitter.



Art Award

RIGHT:

Mr. I. W. Adams presenting a cheque for \$250.00 to Miss Jan Haurahan, who collected the prize on behalf of Sue Buckley, for her print entitled "Temple." Sue Buckley shared the \$500.00 prize with Margaret McLellan who submitted a watercolour entitled "METAMORPHIS".

Below:

Mr. I. W. Adams, Company Secretary Blue Circle Southern Limited, and Mr. W. M. Gale, Works Manager, Southern Portland Cement, discussing the entries in the Berrima District Art Society Blue Circle Group Award.



THE SANDOVER MEDAL — 1921-1974

In 1921, Sandovers Sports Department was managed by a young Subiaco footballer named Tom Outridge. Tom was aware that West Australian League football had no "Fairest and Best" Trophy comparable to South Australia's Magerey Medal. He therefore approached his employer Mr. Alfred Sandover and suggested that Mr. Sandover should ask the League for permission to donate such an award. Permission was forthcoming from the W.A. National Football League and the now famous Sandover Medal was born. By a strange coincidence, the 1921 Medal was won by Tom Outridge, who became one of the best Ruckmen to play in Western Australia.

Several players have won more than one Medal. The first was the late Sam Clarke, who won his two Medals in 1933 and 1934. Sam was a Claremont Half Back, unfortunately he was shot down and killed over New Guinea in the Second World War.

Bill Walker, now Captain of Swan Districts, won Medals in 1965, 1966 and 1967, and figured in the first ever actual dead heat, when he polled the same number of votes, 1st, 2nd and 3rd, as John Parkinson in 1967.

VOTING

Selection of the Best and Fairest Player is in the sole hands of the Field Umpire. Immediately after each match he gives 3 votes to the players he considers the Best and Fairest from both teams, 2 votes to the 2nd best, and 1 vote to the 3rd best. The votes are then placed in a sealed envelope and given to the Secretary of the W.A. National League. The envelopes are not opened until the official Medal Count, at the end of home and house games. In W.A. the winner, selected by the Umpires for 54 years, has nearly always met with the approval of Football Writers, Commentators and Football followers generally. The award is made to the "Fairest" as well as the "Best," and any player suspended or reprimanded for foul play during the season cannot win.

In 1957, it was decided to invite all former Medal Winners to an annual Re-union, where the new winner could meet his predecessors. Officials of the League, Life Members, Umpires, Parliamentarians, Perth Lord Mayor and many leading citizens are present and invitations to this function are eagerly sought after. Since 1963 the Re-union has been televised and combined with the Official League Medal Count. It has become one of the biggest events on T.V. and an estimated 400,000 views watch it each year. So that the ultimate winner is present for the presentation, a group of likely winners is invited from whom the winner usually emerges.

In 1958, on the death of Mr. Alfred Sandover, the League granted permission for Sir Eric Sandover, Chairman of Swan Portland Cement, to continue the presentation of the Award, thus perpetuating the Sandover Family tradition.

When the Victorian Football League decided in 1924 to honour Charles Brownlow, a former great V.F.L. Administrator, by awarding the Brownlow Medal, the three main Australian Rules States, Victoria, South Australia and Western Australia, had an award more coveted than any other in Australian football.



Our Chairman, Sir Eric Sandover, (left) presenting the Sandover Medal to Graham Melrose (right). The programme was hosted by well known football personality Frank Sparrow, (centre).

A TRIP THROUGH THE CENTRE

by Neil Pember

Leaving Perth, we travelled up to Laverton by station wagon, all loaded up for the trip.

On arriving at Laverton, we had to call on the local police for inspection. Their first question was "Have you got your permit with you?"

The permit is necessary for travel through the Missions — Cosmo Newly, Warburton and Docker River. This permit, having been checked, the Police there gave attention to water, petrol and the suitability of our vehicle. All having passed inspection, the Go-Ahead to move was given.

The first hundred miles took us through Cosmo Newly, our first mission, and onto the first camp site.

Several hundred miles more on the second day saw us at the Warburton Mission. On the way we went through all sorts of countryside, plains, sand and mulga trees.

There were also many flocks of zebra finches and budgerigars and plenty of spinifex, which looked like crops of wheat growing in the fields. The petrol tank was filled at the Mission and we had a chat with the manager of the station and prepared for the next run.

The wind whistling across the flats around the Mission lifted the sand and everything was sand blasted — and I mean sand blasted! So strong was the wind that blowing sand looked like mist with occasional pieces of dust blowing up in the air, like something seen through a fine mesh. The natives sitting with their backs to the wind, surrounded of course by numerous dogs, were fitting subjects to complete the picture. Several of the males were walking around with spears.

On the run from Warburton to our next stop it was very sandy in places with very sharp "S" bends to get around all the time. Approaching the first of the Ranges, Kavanagh Range was a lovely sight. In the late afternoon the whole range was a beauti-

ful grey-blue, changing to a deep blue with the lowering of the sun.

The third day, on the move again, we saw our first indication of possible trouble. So far, I have not mentioned the weather for it had been raining most of the way since we left Perth. On the road side we saw many an old car and were starting to wonder if we would make another one, for we could see where quite a few had become bogged in the red soil and sandy patches.

As we approached the old black stone camp we had the now blue-coloured Kavanagh Range behind us and the forbidding black of the black stone range in front. With the lessening of the distance between us, the black stones gradually assumed more mellow tones.

We stayed at the old black stone camp for a couple of days in an old building without windows, but we made ourselves quite comfortable and did a bit of walking and had a good look around the area.

Soon, we were on the Gun Barrel Highway making for the Docker River Settlement.

Talking of the gun barrels, I must mention that some of the rifling had gone out of this particular barrel and in places the road had been washed out and filled in with loose sand and outcrops of rocky ridge.

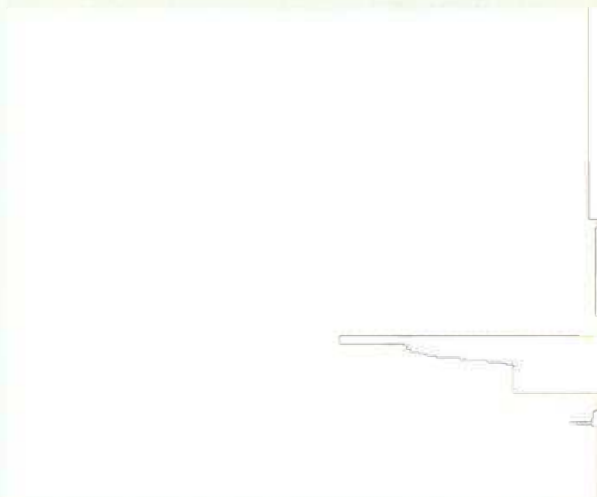
Eventually we arrived at the Docker River Settlement, and what a settlement, such a vast difference from other places — clean and well-kept buildings and a good store — a place where every Aboriginal has the carriage of proud people who know their worth.

We filled up with petrol and had a chat with the boss of the settlement.

After leaving the Docker River Settlement the road took us along and across many river beds and I must say they were rough for there had been plenty of rain a few days beforehand. The road was very slippery and we slid along a very bumpy rough track. In fact, it took me $7\frac{1}{2}$ hours to do 125 miles to Ayres Rock.

It was worth the trip though we arrived at Ayres Rock in the dark. I still had W.A. time which is about 2 hours behind their time, but we found the camp site and made up our beds in the station wagon for the night. In the morning the day was lovely and what a sight to see — Ayres Rock

sitting out in the open with flat land all around for miles.



The climb up Ayres Rock.

We spent several days looking around the rock and what places there are to see. We saw the rain running down the face of the rock and the beautiful native paintings there.

One can take an air trip, a flight which takes you over the Olgas and back over and around Ayres Rock.

We finally left and travelled on to Alice Springs over another very rough track, arriving at dusk the same day. The centre, as it is called, is set in what appears to be a basin and is a modern town with houses that would grace any suburb.

Entry to the town is through the Heavily-tree Gap, one of the few places where the Road, Rail and River Beds are alongside one another. A caravan park is there to greet the weary traveller with showers and lovely hot water. Once under the shower, time stands still and you slowly start to relax and begin to feel human again.

There are plenty of lovely places to visit and look at within a few miles of Alice Springs. A trip that one would like to do again some day. Well worth doing and seeing.

Left:
Part of the Gun Barrell
Highway. The type of
country one travels for
hours.



Mr. Neil Pember enlisted in the Australian Army at the tender age of 17 years. He served with 2/1 Independent (Commando) Company in New Guinea until taken P.O.W. in February, 1942, followed by 3 years of incarceration at Kobe, Japan.

After discharge from the service Neil was employed as a Field Technician with Electrolytic Zinc Company for 5 years, followed by 18 months as a Supervisor for Trace Elements Company. For the past 2 years he has been employed as a Laboratory Assistant with Swan Portland Cement Limited.

Neil is a keen gem stone collector and member of the Kalamunda Lapidary Club and assures me he made full use of his recent 'trip through the Centre.'



Below: General Manager, Cam Cheyne, presenting a cheque to Phil Goymer, the winner of our Bi-Annual Award for Safety Suggestions.



Above: Cam Cheyne presenting an engraved Pewter Pot to Ray Len, winner of the monthly Safety Suggestion Award for June, 1974.

CHEMICAL ANALYSIS OF WOMEN

SYMBOL:
WO.

ACCEPTED ATOMIC WEIGHT:
About 112 lbs.

OCCURRENCE:
Found wherever man exists. Seldom in the free state.

PHYSICAL PROPERTIES:
Boils at nothing and may freeze at any minute. Melts when properly treated. Very bitter when not well used.

CHEMICAL PROPERTIES:
Very active. Possesses great affinity for gold, silver, platinum and precious stones. Violent reaction when left alone. Able to absorb great amounts of expensive food. Turns green when placed beside a better looking specimen. Ages rapidly.

USES:
Highly ornamental. Useful as a tonic in acceleration of low spirits etc. Equalises distribution of wealth. Is probably the most powerful income reducing agent known.

CAUTION:
HIGHLY EXPLOSIVE WHEN IN INEXPERIENCED HANDS.

The above article was submitted by Mr. Frank Prandl, a newly appointed Laboratory Technician. Frank was previously with Western Mining for 4 years as a Laboratory Assistant. He is a naturalised Australian and is married with 2 children. Mr. Prandl and his family arrived here from Austria in 1965 to take up permanent residence. Last year he made a trip back to his place of birth and also toured Germany, England and South Africa.

Note: The Editor does not necessarily endorse all that is printed in the Link.

SAFETY SUGGESTIONS

Employee Safety Suggestions, August, 1974, were submitted by:

J. C. Mackenna	1
J. C. Malone	1
J. Bennett	1
R. Brown	5
M. Edwardes	1
I. Robless	1

Rivervale

Mr. J. C. Mackenna received the award for the month with a total of 16 points. Considerable effort and thought went into this suggestion. John, congratulations and many thanks for the effort—well done.

Employee Safety Suggestions, September, 1974 — were submitted by:-

K. R. Hughes	1
F. Kidman	1

Mr. K. R. Hughes received the award for the month with a total of 20 points. Congratulations Ken — well done.

BI-ANNUAL AWARD (\$100)
Cumulative points period August-January:

K. R. Hughes	20
J. C. Mackenna	16
F. Kidman	15
J. C. Malone	15
J. Bennett	14
R. Brown	14

AUSTRALIAN WINE MAKING

by Bill Wilson, Rivervale

SPREADING OUT

As the Colony of New South Wales grew up, changing from a huddle of barracks and shanties to a sovereign State, the viticultural industry expanded rapidly throughout a 400 mile radius of Sydney. Twenty-five miles west of the capital, on the slopes of Rooty Hill, some of the State's best table wines were grown. The cellars of this winery are still in active use, principally for the storage of champagne. The original owner, Capt. Wm. Minchin, received the land as a grant of 1,000 acres in 1819.

At Inverell in the north, Mudgee and Forbes in the west, and Corowa and Albury in the south-west, the soil, the climate and the vines combined to produce a variety of wines which would have delighted James Busby, ranging from the finest of the light table wines to full-bodied dry and sweet dessert types. Around Corowa particularly close to the River Murray, some of Australia's pleasantest sweet wines, distinguished by their softness and richness, were produced — and are still being produced.

By 1834, when the new Colony of Victoria was proclaimed, Australia's wine industry had begun to spread far beyond its birthplace. Edward Henty, one of the founders and pioneers of Victoria, had taken a store of cuttings with him, and in 1838 William Ryrie planted some vines at his cattle-station "Yering" in the Lilydale district, some 30 miles from Melbourne. In ten years' time he had 100 acres under grapes. By 1868 the wine-growing area had increased to more than 3,000 acres.

Lilydale was to become one of the legendary names of Australian wine. Even today, the sound of the name can light a sparkle in the eyes of men old enough to remember tasting the Lilydale reds. Perhaps some of the credit for the world-wide reputation which these wines achieved must be given to the Europeans who cared for the first vineyards. Among them were two Swiss Vignerons, Paul and Hubert de Castella, who bought Ryrie's property, Yering, and established the St. Hubert and Chateau Yering wineries. Another was Baron de Pury, whose vineyards were known as Yeringberg. From all three properties came magnificent white wines and some dry red that (under the label of Lilydale Yering) were recognised as among the finest in the world. Unhappily the growth of dairying, and later the sprawl of the metropolis, have combined to put Lilydale's vineyards out of cultivation. Yeringberg's last vintage was in 1924 and today's wines are but faded labels and empty bottles in private museums.

In the early '40's of last century there were many vineyards around Geelong, about 50 miles south-west of Melbourne, and these produced some excellent white wines.

There were vines also planted at Bendigo, north of Melbourne, before the great gold-rush of 1851. It remained for Rutherglen in the north-east to re-establish the fortunes of Victoria's wine-growers. Vines from the Albury-Corowa vineyards flourished on the south side of the Murray River in the areas of Rutherglen, Wahgunyah, Chiltern, Barnawatha and other districts and in the centre of the State at Tahbilk and Milawa.

The first Rutherglen vines were planted in the early 1850's by a man whose enthusiasm as a prophet was such that he is said to have coaxed many gold-prospectors whose luck and money had run out to "sink about 18 inches and plant vines." Most of

them must have taken his advice, for, by 1860, the Rutherglen district led the rest of Victoria in wine-production. Rutherglen wines are noted for their luscious sweetness. At high maturity the grapes produce some of our best sherries, muscats and ports. There are also some excellent Rutherglen full-bodied dry ports.

While gold-prospectors were being exhorted to plant vines at Rutherglen, a young French girl, Mlle. Anne-Marie Blampied, and her 16 year old brother Emile were on their way to Australia from their native Lorraine. Like thousands of other voyagers and adventurers who converged in the '50's on the Victorian goldfields, they had the simple belief that nuggets could be picked up anywhere in this Tom Tiddler's land.

They tried their luck at the recently-opened Great Western Goldfield, near Ararat, but were soon disillusioned. Anne-Marie married a Frenchman, Jean Pierre Trouette who, in his homeland, had been engaged in winemaking. Noticing the resemblance between the land around the Great Western village to parts of his homeland, he and his young wife and brother-in-law planted vines and set up as winemakers.

It was not long before others followed their example. Among them were two brothers, Joseph and Henry Best, who began winemaking at nearby "Concongella" in 1866.

The Great Western vineyards passed into the hands of Hans Irvine in the 1880's and he immediately began to concentrate on the making of champagne.

His grapes were mainly Riesling, Shiraz and White Pinot, and to obtain coolness for the slow process of maturing their product, he tunnelled a network of underground caves in the decomposed granite of the vineyard country. His venture was so successful that these storage tunnels have since been extended to a total length of almost three and a half miles. Australian champagne, which had its birth here and at Rooty Hill near Sydney, has long since won recognition for its qualities of lightness and delicacy. Vineyards on soil similar to Great Western flourish at Drumborg, near Portland in southern Victoria.

The greatest expansion made by Victorian wine-growing, however, came with the development of the Murray River area, fed by a reservoir three times the size of Sydney Harbour. Grapes flourished with

almost every other kind of fruit in the soil of the zone, producing enormous quantities of raisins and sultanas, as well as enough wine to make Mildura today the largest wine-growing district in Victoria.

Although New South Wales and Victoria thus gained an early start, the first position among Australia's wine-producing States has long been held by South Australia. In no other State, perhaps, has the making of wine become such a familiar and integral part of community life. Several of the early vineyards were planted within a few miles of Adelaide, and some are so close to the city today that their vines are tangled with the fringes of the suburbs.

To be continued . . .

ART AND ITS RELATION TO INDUSTRY AND COMMERCE



Some of the interested listeners.



President of the Moss Vale Rotary Club, Mr. Vince Hervet, (right), with Mr. Dennis Dalglish, Manager Administration, Blue Circle Southern.

Dennis Dalglish gave an informative lecture highlighting the interest of Industry in Art at the Bowral and Moss Vale Rotary Clubs. These pictures were taken during the Moss Vale lecture.

Below: Part of the display of photographs, many depicting the use of concrete in art.



THE COMINGS AND GOINGS AT MALDON

COMING into the position left vacant by Mr. Reg Moverley, Works Chemist, we have Mr. Col Pickering. Col needs no introduction to us, being a fellow worker from Berrima. As yet he has to settle into community life, but we are told he is a keen stock car driver, and is an expert at "Pushin' the old lawn mower."

GOING to Berrima, where he will take up the position of Works Chemist, we bid farewell to Mr. Reg Moverley. Reg has been with us but a short 3½ years, and during that time has gained the friendship and respect of his co-workers. At a small ceremony, Reg was presented with a selection of gifts in appreciation of his efforts during his sojourn with us. In the absence of our Works Manager, Mr. Morphew, the presentation was made by Mr. John Ketley, Assistant Works Manager.

The Social Club members have been very quiet this month, but at the wine tasting arranged for the 19th October, have promised to give this writer some interesting copy.

Below: John Ketley, Assistant Works Manager, makes the presentation to Reg Moverley.



Maldon



Reg Moverley explains a point to Col Pickering.

Mrs. Shirley Sonter from Adelaide, one of our top Typists, has three growing boys, Michael 13 years, is a 2nd year student boarder at Hurlstone AG. College; Timothy, aged 10 and Simon aged 7 are both Primary School students at Thirlmere. All boys are keen sports fans and also participate in a variety of activities. Shirley is the president of the local Net Ball Club and is coach of the Thirlmere teams. Husband Graham is a fitter at Oakdale Mine.





The new blue-eyed blonde at the switch-board these days, is Mrs. Margi-Mall Hick of Tahmoor. An accomplished woman in many ways, Margi speaks 4 languages fluently, and plays the piano and piano-accordion. A fervent squash player and water ski-er Margi-Mall leads a full and very interesting life.

Married to Peter who is an electrician at Heuga Carpet Tile factory, we bid a warm welcome to Margi-Mall.



Arriving on the scene in the pay office we have Mrs. Margaret Saar, wife of Allen, a local Bus Driver, and mother of Wendy 9 and Debbie 11. Margaret has a very keen interest in gardening and proof of her green thumb can be seen by the floral arrangements adorning the office. An infectious laugh and a very pleasant personality, makes working with Margaret "A Happy Day."



SUPERVISORS' TRAINING COURSE

The venue for a two day sit-in Supervisors' Training Course was the Antil Park Golf Club House. Picture shows the course in progress. Left to Right: J. Cameron, D. Newman, R. Case, K. Best.



A recent visitor to the works from the U.K. was John Milne, Director of Overseas Investments. He is seen on the left chatting to C. Richardson.



Left: Des Ryder and Ken Best enjoying a cup of tea during the welcome extended to John Milne.

THE REAL STORY BEHIND THE STORE C.P.C. MALDON

This hive of industry the real hub of the works, is under the steady command of:
MR. MIKE COLLINS

Mike transferred within the group from Bamburi Works, Mombasa Kenya, in June, 1972 where he was Stores Supt. Mike resides at Maldon with his wife Pat and son Bruce. His many interests include carpentry and underwater photography.

THE WORKERS,

whose seemingly tireless effort during the course of the day is appreciated by all who are served with speed and skill and with a kind word and a smile.

MR. BOB HALL (alias Ben)

has been with C.P.C. for 9 years, first as a Yardman and now as Issue Storeman. He previously worked on the Railway and in a sawmill. Bob resides in Tahmoor with his wife Violet.

BRIAN GARNER

Receipts and Despatch Clerk, Brian has been with the firm for 10 years and previously 12 years on the railway. Brian came from England in 1949 and now resides in Maldon with his wife May and daughter Helen. He is an ex-Apexian and is interested in photography.

PHIL CLARK

Phil is a newcomer to the store and will eventually be Issue Storeman. He previously worked at A.A. Tegel as a Freezer Foreman, and at IBM Computers as a Despatch Clerk. Phil resides in Tahmoor with his wife Chris and is interested in athletics and soccer.

MR. WHIT CHEESEMAN

You will have to wait till next month's issue for all the startling facts on this celebrity. He has gone to the dogs!

Below: Bill Clarke and Brian Garner.



Mike Collins.



Bob Hall.

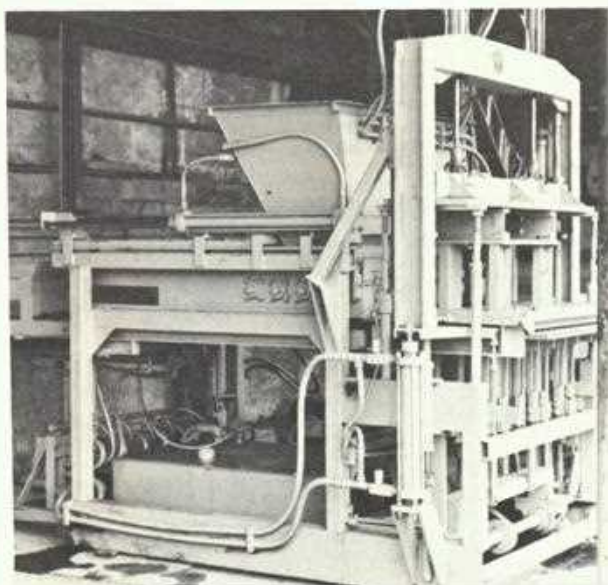
INITIATION

Fond memories return as I linger by the pier,
And watch a young bloke fishing, with his
modest bit of gear,
To see his concentration, as he sits beneath
the rail,
Line dangling in the water, 'mongst the mill-
ing yellowtail,
And I see his many glances, so full of boyish
pride,
At the 'monster' slimy mackerel that lies there
by his side,
Though you may view with some amusement,
his efforts with a prawn,
'Tis by his very actions, that fishermen are
born.

Bill Featon.



EXERCISE CARE WITH COMPRESSED AIR!



NEW MACHINE AT PRECAST CONCRETE

John Grigor of C.I.D. Precast Concrete introduced Bob Bain and the editor to a new machine from America which cost \$30,000. The machine, pictured above, will turn out up to 20,000 concrete slabs per day. It is entirely automatic and computerised and can be set to produce any size concrete building block. John Grigor's partner in the enterprise is David Matthews.

A LITTLE ACT OF KINDNESS

The tester found it in a slurry silo. Completely exhausted after hours of futile struggling, the bird had resigned itself to patiently await death, as is the way of creatures of the wild.

The man gazed down at the bird floating on the thick slurry. He could have easily ignored its dilemma and gone his way, but he hesitated and the life of the helpless creature hung in the balance.

Pulling a piece of rag from his pocket, he lowered it close by the motionless bird. In its anguish the bird closed its hooked beak on the life-line and the man slowly pulled it to safety.

Bedraggled as it was, the man recognised it as a Sparrow Hawk. He speculated it may have dived for one of the numerous swallows frequenting the area and had almost lost its life by a miscalculation. Carefully he wrapped the helpless, shivering bird in the cloth and returned to the laboratory.

Gently, he washed the slurry from its plumage and lay it beside the sample stove to dry. The bird appeared to be close to death. Eyes that had been previously alert and remarkable of perceptiveness were now glazed and the breathing was barely discernable.

The day wore on and whenever the man found the opportunity he continued the drying process, carefully wiping the damp feathers with a soft cloth. The bird began to respond. Its eyes became clearer and eventually it showed trust and confidence in the man, displaying what a majestic little creature it was as it perched upon his arm.

The day was getting late. The man decided the time had arrived to free the bird. With luck it would still have time, before darkness, to capture a field mouse or even a humble grasshopper for its supper.

The wings beat with a strong, rhythmic action as it flew away. It rose high in the sky and proved its recovery complete. The man watched until it was lost from sight in a distant group of trees. Contentedly, he returned to his duties, experiencing a feeling of achievement and well being.

Congratulations, Bruce Draper, for a little act of kindness!

W. A. Featon, Maldon Works.

Nature Notes

SIX MILE CREEK — LAKE VICTORIA

Right the way through from Wentworth in N.S.W. to Renmark in S.A. the traveller can rest assured that plenty of wildlife will be seen while en route — particularly birds. One thing that will not be found will be rows of houses and streets and towns for this is now the long gone abandoned road to Adelaide from Wentworth. The few wooden bridges that span the normally dry creek beds can no longer take the traffic volume of today. The bridge at Six Mile Creek just out of Wentworth is no longer used and the D.M.R. have put in its place, a low level levee bank to carry traffic. The old bridge over the Great Ana Branch of the Darling River sways and rebels at the smallest motor vehicle.

On this lonely stretch of road there are many points of interest, especially for natural historians. Just a few kilometres out from Wentworth is Perry's Sandhills. These sandhills cover about 16-20 hectares and are completely isolated, they appear as an island of sand in a sea of saltbush. Very few species of birds are found in the sand dunes apart from a few Spiny-cheeked Honeyeaters and Willy Wagtails. However, reptiles abound in the sand and wild tobacco bush and there are many kinds of Skinks, Geckos and other lizards and of course there is always the chance of finding a King Brown Snake.

The last time I saw Six Mile Creek it was more like a Six Mile Sea and was filled to capacity with birds. This was back in August and already the Rufous Songlarks were setting up breeding territories — the cool, crisp, morning air reverberating with their loud melodious calling. Generally the call is uttered when the bird is flying from one tree to another. White-plumed Honeyeaters and Noisy Miners were engaging in disputes over the best sprays of blossom. These eucalyptus trees on the edge of the water near the old bridge are truly magnificent specimens of the giant Red Gum — a tree so common along the waterways and creeks of the dry inland regions. Even at this time of the year many Red-backed and Mallee Ringneck Parrots were observed entering and leaving hollow spouts thus indicating that breeding procedures were taking place. Some of those giant Red Gums have died and their bleached dry, grey branches are used for three species of Cormorants to dry their wings after fishing, for two species of Ibis to preen after walking through the saturated saltbush flats or a host of other species that come to rest from weary flight.

It was between Six Mile Creek and Lake Victoria that I saw my first flock of Banded Plover for quite a number of years. The last time I met with them was at Wilpena Pound in S.A. They have a tendency to be of a more nomadic nature than the Spurwinged Plover and at times they frequent the large open areas of grasslands near Sydney. This particular flock was feeding on the roadway as they prefer "dry" land beneath them.

Frenchman's Creek was at last reached but not before I had made many stops to view Emus, both the Red and Grey Kangaroos and the very pretty Blue and White Wren. Frenchman's Creek is a small creek that flows from the Murray River into this vast inland lake but like so many other similar creeks along the Murray this only happens in extremely wet conditions. A regulator gate has been placed across the entrance to the lake to hold back the contents of the lake. The outlet of Lake Victoria is an even shorter creek known as Rufous River. This also has a regulator gate for the releasing of water to areas along the Murray below Lock 7 in the dry times.

Between Frenchman's Creek and the Murray are huge vast swamps of tall reeds of an impenetrable nature but an ideal place for the breeding of wildfowl, and also one of the main breeding centres for ducks in N.S.W. Around the lake itself are shallow saline flats for Avocets and Black-winged Stilts, oozing mud-flats where White and Straw-

necked Ibis feed — these two environments usually being separated by a levee bank.

An idea of the wealth of birdlife found here on Lake Victoria can be gained from a single day's visit on any warm day in the spring months — my last visit had me observing 62 species of birds. It was also fortunate in seeing three species of Tern, these being Gull-billed and Marsh Terns with the third one yet to be identified.

The popularity of the area from a fisherman's or shooter's point of view can be gained on any visit. The waters of the lake are extremely rich in fish and there are eight professional fishermen there so this should give some indication as to the quantity of fish. Unfortunately, there is no controlling the area or policing it in any form and, this at the moment, should be done. Ducks are taken in and out of season and fishing for huge catches is done by unlicensed anglers. However, despite the continuous sound of gunshot it's a good place to camp.

Chris Sonter.



The old Day Street Store opened about 1938.

SYDNEY BAG STORES OLD AND NEW

RIGHT:

Left: Cec Harris started at Day Street in 1956 — now at Alexandria.

Centre: Trevor Stutchburg, started at Day Street in 1965, now at Alexandria.

Right: Fred Cowan, started at Day Street in 1940, retired in 1970.





INSIDE THE NEW ALEXANDRIA STORE

Dallas Bryant,



Mick Gordon, Manager, and Bob Parkin, Assistant Manager.

*Right:
Trevor Stutchbury.*



STORY ON
PAGE 33



Reg. Dobbs and Cec. Harris.

SYDNEY BAG STORES OLD & NEW

By Harry Argus

My recollections go back to the year 1920 when the Commonwealth Portland Cement Co. Ltd. had a store in Harbour Street between Liverpool and Southburn Streets and practically opposite the entrance to the Darling Harbour Goods Store.

As business progressed the Company opened up their next store, considerably larger in area and with a high roof where a mechanical conveyor was brought into use for high stacking of cement. This store was located in Pier Street and today this area forms part of the City Municipal Markets. This store proved to be a very valuable acquisition as large quantities could be stored.

Later the Commonwealth Cement Co. built its last store, a new building of brick construction at the corner of Day and James Streets. This store functioned for many years but although it was in a handy position in the City area, eventually lost its value due to traffic congestion and area. These premises were sold and operations ceased on 30th June, 1974.

On the 1st July, 1974, the new Company, known as Blue Circle Southern Cement Ltd. commenced operations in large new premises situated at the corner of McAvoy and Bowden Streets, Alexandria.

The cement in the early stages was packed only in jute bags and it was at the Day Street store that paper bags came fully into use. Delivery to Darling Harbour and the Sydney Stores was per rail from Portland, whilst in various suburbs and the Metropolitan area, the consignee took delivery at the railheads.

At the three City stores deliveries of cement were made by horse-drawn vehicles under contract to J. McMahon & Co. It will be appreciated that delivery by this method was slow and the work greatly limited. A cart drawn by four horses, loaded with 4 tons of cement and delivered to Vaucluse, was an all day job, and the cartage rate charged in this instance was 22/6d (\$2.25) per ton. It was at Day Street store that a carrier named J. Clayton first approached the Store Manager (M. Burke) and gave

quotation to carry cement with a motor lorry fitted with solid tyres. It did not take long to realise the benefits to be gained by the use of motor transport when the Company purchased its first two "Republic" motor lorries fitted with solid tyres. These lorries gave very satisfactory results with quicker delivery and service over many years.

Large quantities of cement in jute bags and later in paper bags were shipped to all States of Australia and Tasmania. Shipments of 200/300 tons were loaded at Darling Harbour Goods Yard and transported to the wharves by both horse and motor driven lorries.

NOTE: Harry Arcus was with Commonwealth Portland Cement for 51 years. We hope to have a photograph in the near future.

'FISHING FEVER'

When the lawn's somewhat neglected,
And you know it should be mown,
When the garden bed is empty,
Of the flowers you haven't grown,
When the house thirsts for a coat of paint,
And the roof leaks with the rain,
When the gate's loose on its hinges,
And something's blocked the drain,
When the hedge becomes a jungle,
And in dire need of a trim,
When the wife is getting cranky,
And her countenance grows grim,
Far be it from your mind,
In attempting to deceive her,
No fault be yours in contracting,
A bout of fishing fever.

Bill Featon, Maldon.

The Inter-Company Golf Day at Blackheath on September 15 proved to be a great success.

Bill Tobin, Production Clerk at Charbon, took off the main event with a score of 44 points. Bill then went on to greater success by carrying off the "C" grade Championship at Henbury Golf Club, Kandos, where he holds a position on the Committee as Assistant Secretary. Look out all Golfers within the Group as the Charbon fellows are gazing hopefully at the next day to be held at Antil Park.

CITY OR THE SCRUB?

When I see the Natural Beauty
that surrounds our little town,
And the rolling hills to Mudgee
that with Natures gifts abound,
Then I think of all those city folk
who make jokes of us in the scrub,
And look down their haughty noses,
because the city is the hub.
So I look at the High Rise Buildings
their talk of losses and future gains
And then at Natures Beauty and
wonder, who's really got the brains.

CHARBON SCRIBE.



page thirty-four

Charbon



Stanley Moore, known to everyone in the local area as "Tex," commenced with Standard Company in August, 1959. Tex advanced through the various stages in the maintenance department to 1st class welder, having spent some years as a machinist on the radial drill, before becoming engaged full time as a welder. His leisure hours are usually taken up in the water, ski-ing and fishing, and he is very keen on both activities.

Tex is married, with wife Doris, and two teenagers, son Terry 19 years and daughter Sharon, 14 years.

Photo: Hard at Work.

MEN AT WORK

Harry Day — Leading Hand Turner, joined the Standard Company in March, 1969 and generally looks after the machining side in the Maintenance Department at Charbon. He served his time in London in the middle forties and migrated to Australia in 1961. Harry is very keen on entertaining and has entered in local talent-quests and proved to all he has a good singing voice, by winning one of them.

He is married, wife Jean and two children, daughter, Kim 5 years, and son, Tracy Stuart 2 years.

Photo: Harry at work beside one of the machines in the Machine Shop.



Eddy Dubbeld commenced with the Company in January, 1969, as Engineering Clerk, and his duties take in clerking and recording details regarding maintenance programming. He served his Apprenticeship in Carpentry and Joinery in the Australian Army, gained his "Clerk of Works" certificate in 1963, and spent 5 years as Clerk of Works at Sydney Opera House (any enquiries — contact Eddy). Eddy is Secretary/Treasurer of the C.P.C. Social Club, and his hobby is photography.

Married with wife, Mona, and daughter, Coby.

Photo: Showing Eddy recording progress on Planned Maintenance.



Derek M. Brown, Personnel/Safety Officer, Charbon. After many years of Production at various supervisory levels in both light and heavy engineering, Derek joined us from Portland Works in July this year.

Married to Ann, and with three children, claims his hobbies are gardening, the local Drama Group, and party going, but points out not necessarily in that order.



James Bainbridge, known to all as "Jock" lives in the Clandulla area with wife Fay, twin boys Timothy and Barry, twin girls Diane and Margaret, son Ronald, and daughter Jennifer. Jock has been employed at the Company's Quarry at Brogan's Creek but since 1963 has been engaged in the Stockhouse mainly on bag loading. Over the years it has been estimated that 150,000 bags have passed through his hands.

Photo: Shows Jock with a happy smile taking a bag from the chute. Well done Jock, hope you can keep many thousands of bags of Standard Type A rolling on their way to satisfied customers. Jock's mate in the photo is Kevin Keech, of Rylestone, who has been employed since May 1973 — firstly in the factory, and then in the Stockhouse. Kevin was previously seen driving the new tractor used for "Pulling" or "Pushing" rail trucks.

THE AERIAL CANNON BALL

From the hills around Old Charbon to the wide Ilford Plains
Across the Ponderosa to the Nullo Mountain Range
From Kandos to Lue or by the Brogan's Falls,
Each man has served his time — on the Aerial Cannon Ball.
There are two shifts three men a piece to work the Cannon Ball,
But two days straight the same six men, I've never seen at all,
They seem to hate the buckets they swear they curse they moan.
There's more bad backs and ulcers than in the old men's home,
To keep the ball a rolling so production it won't fall,
They sent us round a leading hand to run the Cannon Ball.
He was a long lean and handsome his father's pride and joy,
Known throughout as Tanglefoot but his mother calls him Roy,

(continued over)



THE AERIAL CANNON BALL Continued

Our Blacksmith is a Scotsman our fitter from Germany came,

What they do to our Aussie language is really an awful shame,

We have Poles, Poms and Ityes, oh yes, we have them all,

You have to know ten languages to run the Cannon Ball,

When the weather's wet or frosty, sometimes the Rope does fall,

The Riggerman to fix it, goes out the urgent call,

Now the Riggermen are eager to earn an extra bob,

Weekends you'll find them happy when the Ropeway is their job,

If you work down in the factory and perhaps you miss sometime,

Have just one too many or just get out of line

Now George, he'll get angry, the hammer it will fall,

You'll end up tipping buckets on that Aerial Cannon Ball,

So if you've thoughts of signing on, just take this tip from me,

Don't play up, don't miss time, and don't get on the spree,

For no matter how you work it out, no matter how you crawl,

You'll end up with a transfer to the Aerial Cannon Ball,

From the hills around Old Charbon to the wide Ilford Plains,

Across the Ponderosa to the Nullo Mountain Range,

From Kandos to Lue or by the Brogan's Falls,
You either start or finish on that Aerial Cannon Ball.

"KINGFISHER"
Charbon.

OUR HAPPY PERSONNEL AT ST. LEONARD'S BAG AND BULK DEPOT

Standing on truck is Ted Young, transport driver, who has been handling and carting bagged cement for the last 15 years. He was employed initially by Alexander McGrath Agency, then Commonwealth Portland Cement Company, and is now employed by Trayan. Ted's main interests are fishing and golf, and incidentally, he never misses the 19th hole.

In front of forklift is Bob Smith, forklift driver, who commenced work with Commonwealth Portland Cement Company seven years ago, unloading bulk trucks. He was also employed as bag loader and is now the depot's forklift driver. Bob's activities in his spare time include charity work among the sick and aged. This programme is sponsored by the Willoughby Legions Club.

Sitting on forklift is Alan Auld, the Depot Superintendent, with twelve years' service with Commonwealth Portland Cement Company. He commenced work at Blacktown Depot as a loader, transferred as Assistant to Doug Robertson at St. Leonards and has been the Depot Superintendent for the last two years. Alan is very keen on sport, particularly among the young, and is Vice President of the Greenwood Park Sports and Soccer Club at Lalor Park.

OBITUARY

Tragedy struck the Vermeulan family when illness cost the life of their beloved daughter Mariang, aged 16. To you Tony and Mark and all your family, we offer our sincere condolences.

Our deepest sympathy is also expressed to Doug Parry and family in their recent bereavement. We realise what a shattering blow it must be to lose a life's partner and offer what little help and comfort we can give.

GARDENING NOTES FOR DECEMBER

FLOWERS:

SOW: Ageratum, Alyssum, Amaranthus, Antirrhinum, Aquilegia, Aster, Balsam, Carnation, Celosia, Cosmos, Delphinium, Dianthus, Gaillardia, Mignonette, Nasturtium, Pansy, Portulaca, Primula, Saponaria, Statice, Stock, Sweet Pea, Verbena, Viola, Viscaria, Wallflower, Zinnia.

PLANT: Ageratum, Amaranthus, Antirrhinum, Aster, Carnation, (Dahlia (Bedding)), Dianthus, Marigold, Petunia, Portulaca, Salvia, Verbena, Zinnia.

VEGETABLES:

SOW: Beetroot, Beans, Silver Beet, Broccoli, Brussels Sprouts, Cabbage, Carrot, Cauliflower, Cress, Kohl Rabi, Lettuce, Mustard, Parsnip, Peas, Radish, Salsify, Sweet Corn, Swede Turnip, White Turnip.

PLANT: Silver Beet, Cabbage, Cauliflower, Eschalot, Lettuce, Tomato, Marjoram, Sage, Thyme.

Get rid of all weeds this month to prevent them seeding and growing again during the warmer months.

Mulch garden beds and see that newly planted trees and shrubs do not dry out.

Stake and tie all tall growing plants such as Dahlias and Chrysanthemums. Plant Gladiolus corms now for Autumn flowering.

Keep an eye out for caterpillars on the Cypress hedges and spray with "Bug-Geta" to control these.

Lightly prune back any Spring-flowering herbaceous plants which have finished blooming. Don't forget to bait for slugs and snails.

Give strawberries a side-dressing of mixed fertiliser.

Watch for white scale on Citrus trees and where present spray with a mixture of Washing Soda crystals 1 lb., water 4 gallons, and soap 1 lb.

A Very Happy and Peaceful Christmas to All!!

Below: This group was taken during Mr. John D. Milne's recent visit to Berrima. Mr. Milne, a director of APCM (U.K.) is Director of Overseas Investments.

Left to right: Mr. Bill Purvis, Mr. Peter Teitler, Mr. Bill Gale, Mr. John D. Milne, Mr. Michael Spurr.



TRY YOUR HAND AT CRYPTIC QUIZ No. 3

VICTORIA — Can you name the towns in this State?

This month only the first letter of the answer is given.

CLUES

Chief Monk's Car
A Mallard Purchase
Cumberland's Victory
Often Changed
Magnesium Sulphate
"Trigger's Saddle
Gosh, it's lengthy!
Minchan's Brave
Goliath had one
In tuckerbags
Deflated Marsupial
Elsa's cubs
Pilgrim Father's Transport
Nhot One
My, I'm worried!
When you're frightened
Boadicea's rock face
Caesar crossed it
An apple a day helps
Too much exercise
Not quite final
Enthusiastic beer
Well used cosmetics
Male wild tuber

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y

Prizes as usual in each Plant or area.
First \$5, second \$3, third \$2 and five consolation prizes of \$1.

Berrima Cryptic Quiz No. 2 Result

No correct solution received. Seven entries had one mistake.

1st Prize — \$5.00

Miss Adele Winner, Colliery.

2nd Prize — \$3.00

Mark Thorpe, Moss Vale.

3rd Prize — \$2.00

Roger Seville, Colliery.

Prizes of \$1.00 each

Max Thorpe, Colliery,

Mr. E. Winner, Colliery,

Mrs. E. Winner, Berrima West,

Mrs. B. Seville, Mittagong,

Mrs. E. Cosgrove, Marulan.

Safety Slogan Competition — Swan Cement

The Company wishes to thank those safety-minded individuals who submitted entries in the competition. It is disappointing to report that only eight persons competed with a total of twenty two entries.

The selection of prize entries were made by:

Messrs. Bill Sanders, Engineer, B.C.S.C., Sydney, Malcolm Robinson, Geologist, B.C.S.C., Sydney, Arnie Arntzen, Safety Consultant, I.F.A.P., Perth.

Here are some of the prize-winners:

1st Prize: \$5 to Master Robert Wilson.

Safety

Offers

Security

2nd Prize: \$3 to Mrs. W. R. Wilson.

Don't be Hasty

Think Safety.

3rd Prize: \$2 to Master Robert Wilson.

When it comes to safety, celestial gazing won't help.

Consolation Prizes:

F. Turner

If you stop, look, think and act, you could make safety a daily fact.

Each accident causes pain and strife, so why not "think," you may save a life.

Mrs. Hammersley:

Helmets, goggles, boots are the order of the day, If you are to stay to collect your pay.

Safety Slogans from Waurn Ponds

Ken Massey was the only entrant so of course he gets the first prize of \$5.

We reproduce five of his slogans:

1. Safety is not all that hard, just think first, that's the card.

2. Caution — working unsafely is a health hazard.

3. Work safely, think safety, and do not blunder. For if you do, you could be six feet under!

4. Safety first, that's the shot. Give it a go with all you've got.

5. Stop and think, it costs you naught, Do it safely and don't get caught.

Season's Greetings



BLUE CIRCLE
SOUTHERN

Vol. 1. No. 7.

DECEMBER, 1974



MONTHLY LINK

BLUE CIRCLE SOUTHERN MONTHLY



LINK

Vol. 1. No. 7 — DECEMBER, 1974

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KOORAGANG: Kev. Mitchell.

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PORTLAND: Ken Patterson.

Photographs: George Render.

RIVERVALE:

Bill Wilson and Team.

SYDNEY OFFICE:

Bill Rungie.

TRANSPORT:

Boyd Munday.

WAURN PONDS:

Frank Jensen and Team.

Photographs: Max Beacom.

WOMEN'S SECTION:

Mrs. J. Bytala.

GARDENING:

Mrs. C. C. Crowe.

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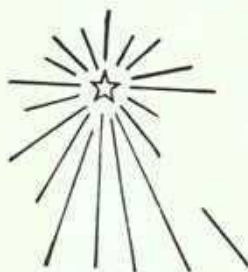
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18th of the month.



*For unto you is born this day
in the city of David
a Saviour which is
Christ the Lord.*

St. Luke ch. 2. v. 11.

BEST WISHES FOR A HAPPY AND PEACEFUL
CHRISTMAS TO ALL READERS.

FROM YOUR MANAGING DIRECTOR

"It gives me very great pleasure in this December issue of our house magazine to wish you and yours all the very best for the festive season and for the New Year.

This year, if not the most successful year for the country, our industry or our company, nevertheless has been most eventful and far from dull. As the year draws to a close, I feel this company is consolidating and that the hard work put into the merger earlier in the year, is starting to bear fruit.

I should like to feel that you all join me in the confidence I have in the future and my hope that we shall be able to prove ourselves in 1975.

Happy Christmas to all."

A handwritten signature in black ink, appearing to read "Eric Taylor". The signature is fluid and cursive, with a large, stylized "E" and "T".

and Christmas for many is just another good time
"good time."

The birth of Jesus nearly 2000 years ago was the fulfilling of many prophecies, the first dating almost from the creation of this world. When the shepherds in the hills of Judea heard the message of the angels, it was the beginning of a new era, a beginning of individual forgiveness, salvation and peace. All those who keep in mind the real meaning of Christmas will surely have a "good time" in the best sense of the term, and it will mean that Christmas will indeed be a time of real happiness, re-union, and re-creation enabling us to face the new year with a fortitude that only inner peace can give.

Your editor is retiring on December 31st. Your new editor, Mr. W. Staines, will be taking over from January, 1975. As the January magazine will be partly prepared during December, it is most probable that you will hear from me again.

During the past few months the managers, and representatives of the various plants in the Group have been a very real help in sending articles and information for the Link. The foundation has been laid, and I believe it is a firm one. So all can now continue to help in the building of Link.

There is plenty of room for improvement, for new ideas. Co-operation can build your magazine into one of the best House Magazines in Australia. So please work along with Bill Staines your new editor.

Chris W. Knowlson.

Portland

*On behalf of everyone at
Portland Works I would like to
wish all readers a very Merry
Christmas and a safe and prosper-
ous New Year.*

Ken Hulonce, PORTLAND.

As at today, 8th November, Portland Works has gone 72 days without a lost time accident, the previous best period for the year being 50 days.

To celebrate the achievement, prizes are being presented to two members each week the record-breaking run continues.

We are hoping, of course, that many prizes will be distributed before the run ends.

HANDY HOME SAFETY HINTS

1. Store kerosene, petrol and other flammable liquids in a locked cupboard away from fire and heat. Never use a flammable liquid to start a fire.
2. Always have short cords on electric jugs and frypans. Dangling cords on electric appliances cause many accidents. Never use frayed cords.
3. If fat catches on fire in a frying pan, cover with a lid to exclude air. Never carry it through the house or try to put it out with water. This will increase the flames.
4. Keep saucepan handles away from edge of stove. Place teapots, kettles, stews and soups well away from the edge of the table.
Use mats instead of tablecloths if there is a toddler in the house.

page four



RETIREMENT —

F. W. (STEVE) FIELD

The 18th October saw the retirement (for medical reasons) of "Big Steve" Field from the Portland Works after an employment period of 23 years.

Steve began work here as a rigger and carried on that trade until a knee injury put rather a clamp on his climbing career. He carried on from then as an Ironworkers Assistant.

Steve's health has not been the best for some years and following a lengthy stay in hospital earlier this year he was forced to give up his work.

Always an active man in his younger days Steve made quite a name for himself as a footballer in this area, where he has lived all his life. He and his wife have settled down to a quiet retirement in their house in Payne Street, Portland.

A presentation was made on behalf of the Ironworkers, a clock for Steve and a suitable gift to Mrs. Field.

From the Works, Steve, we all wish you a happy retirement, and many years in which to enjoy it.



Above: L. Pender driving new Front End Loader.



Above Right: Bill Neale and John Glazebrook (Electricians).



Right: Ron Baker and Bill Khlon (Labourers).

HARNESS RACING

Within our ranks at Portland Works we have a growing brigade of workmates who are keen and active participants in the trotting area of sport.

These dedicated sportsmen have established an 800 metre training track which is now beginning to show benefit in the improvement shown by the drivers and sometimes the trusty chargers.

To name a few of the prominent identities: K. Nugent, W. R. Klohn, E. J. Burke, L. Cain, B. Pattison, B. Harding, T. Middleton, G. Walsh and B. Rochester.

For a relatively small band of trainers and drivers an exceptional degree of success is achieved.

One of the fraternity is adamant that his pacer is superior to those of his friendly rivals — we are beginning to agree, as it normally takes ten or twelve horses to beat his.

Left: Photographed is Kevin Nugent with his potential top class pacer "Blackie's Best."

SPORT

Portland Cricket Club have again commenced the season on a good note, being undefeated in the past three competition games played in the District Comp.

Members from the Works who have performed extremely well are John Williams and Don Smith from the Maintenance Department, Graeme Glezebrook, Drawing Office, Brian McManus, Raw Mills, Les Flynn, Laboratory and Rex Kearns from the Machine Shop.

Rex, who is well known as a medium-pace bowler and an accomplished batsman, has made a welcome return to the side after a twelve months lay-off.

All this should serve as a warning to Berrima when the annual challenge match takes place.

CRICKET

The word being passed around is that the long awaited challenge match between Berrima and Portland works is off due to the inability of the Southern boys to muster a team. Maybe the Portland boys will have to share the "McMahon" trophy amongst themselves unless a challenge is forthcoming.

COME ON SOUTHERN.

The boys from the Electrical Shop celebrated the first addition to Noel North's family, (Noel being the works asst. Electrical Engineer), at the Coronation Hotel, Portland.

It was a great night.

Billy, (Hoss) Neal provided most of the vocal entertainment, (which is usual for Bill), while John (Butch) Glazebrook was the snooker champion of the night. The old man of the shop Roy Risby, looked after the younger brigade in typical style and reports are, that he escorted Basher Clarke and Skinny Bender home to bed.

Long after everyone had retired for the evening, Terry Griffiths was seen sitting on his motor bike attempting to repair his personal telephone, (a souvenir from Walgett), which he carries in his saddle bag.

page six

WEEKEND OUT WEST

Submitted by Terry Griffiths

During the October long weekend we, that is, Colin Clarke, Garry Walsh and myself, all from the Electrical Department at Portland Works, spent 3 days pig-shooting at Walgett and Coonamble.

The start of the trip was quite normal, having to do nothing more than rectify an electrical fault in the trailer and mend a flat tyre on the motorcycle, before heading out into hours of rain and drizzle.

When we reached Gulgong we noticed that one of our dogs had apparently tired of the trip and had decided to return home.

On Saturday morning we left the rain behind and arrived at our destination, Walgett, believing all our troubles to be behind us. They were, apart from a sprained ankle, dislocated knee, a motorcycle in two pieces and a quartered dog after it had engaged in a rough-and-tumble with a large boar.

Apart from the minor incidents mentioned above we all enjoyed a tremendous weekend, achieving success in securing some fine specimens (of wild pig), and we are looking forward to a return visit.

Beautification Programme at Berrima.

Pictured: Tree Planting in progress.



HALE AND HEARTY?

You can be, your heart is tough. I was amazed when I first realised that the heart pumps 1500 gallons of blood each day. That's enough to fill a road tanker, and it keeps going, day and night.

As the heart beats, blood flows through its four chambers, through the heart valves between them and out to the body's arteries. The heart's own blood supply is carried through its coronary arteries. Disease of the heart and blood vessels ("cardiovascular" disease) may affect the heart valves, the muscular walls of the heart chambers, or the arteries, including the coronary arteries.

CORONARY HEART DISEASE occurs when the coronary arteries become clogged and narrowed to such an extent that the blood supply to the heart muscle is severely reduced.

This can cause

- 1) Heart Attack "coronary occlusion" or "myocardial infarction".
- 2) Chest pain on exertion ("angina pectoris.")
- 3) Congestive cardiac failure (a weakening of the heart muscle).

Coronary disease is the most serious of the heart and blood vessel diseases and is on the increase among the young and middle-aged Australians. About 400,000 people are suffering from it right now, but less than half this number know about it and have consulted a doctor.

STROKE & HIGH BLOOD PRESSURE are serious diseases of the blood vessels which affect an estimated 1,178,000 Australians. Stroke occurs when blood vessels in the brain are either ruptured (by high blood pressure) or blocked by the same clogging process which may affect the heart's coronary arteries. High blood pressure may also lead to excessive strain on the heart or interfere with the proper functioning of other vital organs, such as the kidneys.

CONGENITAL HEART DISEASE is an inborn defect of the heart itself. One baby in every 300 is born with a heart fault.

RHEUMATIC HEART DISEASE is an inflammation and scarring of the heart (especially the valves) in which children are frequent victims. Nearly 100,000 Australians are believed to be suffering from it.

IN 1967 HEART AND BLOOD VESSEL DISEASE KILLED 56,000 IN AUSTRALIA. 55% OF ALL DEATHS.

WHAT CAN BE DONE?

Coronary Heart Disease is a legacy of the so called affluent society. It is linked with cigarette smoking, being overweight, not having enough exercise, high blood pressure and too much cholesterol in the bloodstream. Research has shown that cutting out these "risk factors" offers a good chance of preventing it.

Figures show that cigarette smokers have twice as much coronary heart disease as non-smokers. Nicotine increases heart rate, increases blood pressure, constricts the blood vessels and increases the heart's oxygen needs.

Overweight people suffer more heart disease.

Physical exertion cannot "strain" a normal heart. Communities with a high degree of physical fitness such as the New Guinea Highlanders, are virtually free of coronary heart disease. Properly graded exercise also helps those who already have heart disease.

Too much cholesterol in the blood is a significant factor in the development of coronary heart disease as it leads to thickening and clogging of the coronary arteries. A blood test will show if the cholesterol is high. If it is your doctor will recommend a diet that will cut down on saturated fats, and substitute poly-unsaturated fats.

HIGH BLOOD PRESSURE: A regular check up is recommended. It can be controlled by treatment. New drugs have lowered the death rate and now 2000 fewer Australians die from this cause each year.

RHEUMATIC HEART DISEASE sometimes follows rheumatic fever and can be checked by promptly treating streptococcal sore throats with penicillin.

CONGENITAL HEART DISEASE is due to many causes — one is German Measles during pregnancy. Soon there will be a protective vaccine available for girls before pregnancy age. Many congenital defects can be corrected by heart surgery.

NOTE: The above information is taken from books and pamphlets produced by the National Heart Foundation of Australia, and reproduced by permission.

Charbon

I am pleased to lead such a friendly band of Staff and Employees as exist at Charbon Works. The safety and welfare of you and your families is always considered in the day-to-day operation and future planning of the Works. I thank you for your efforts, wishing you all a very Merry Christmas and a safe and prosperous 1975. I am sure you would also like me to extend similar wishes on both my own and your behalf to the other employees of Blue Circle Southern.

Ernie Mulholland — commenced at Charbon on 30-12-40 and worked on construction work at Brogan's Creek Quarry until works closed down in 1942. Enlisted in A.I.F. and served with Artillery Regiment in New Guinea. After discharge returned to Charbon and resumed construction work both at Works and Brogan's Creek. Appointed to Staff 1948. When Works resumed production in 1949 he became Shift Foreman, which position he occupied until involved in accident in Plant, resulting in loss of right leg and permanent disability to the other. Was then employed as tool storeman in machine shop which position he still holds.

Hobbies: Cards, cross words, raising funds for charity.

Likes: Steak and kidney pie also old beer.

Dislikes: Dishonesty and long hair.

Motto: Che Sera Sera.

Characteristics: No sense of humour. So Ernie says but this photo shows him in a happy mood.



Zdzislaw John Knihinicki was born in Poland and migrated to Australia in 1949 whilst a teenager. His first job in this country was at Leigh Creek, in South Australia as a plant operator. In 1957 John moved to Kandos and was employed by A. & K. at its Kandos works. Took the plunge in 1961 and commenced employment at Charbon Works in the Transport Department, advanced to the position of Leading Hand/Garage Supervisor and on the 1st of October, 1974 was appointed to the Salaried Staff, as Service's foreman. His hobbies include fishing and football, and he enjoys his membership as a foundation member of the Rylstone-Kandos Aero Club, and of the local R.S.L. Club. John is married, wife Barbara with two boys and two girls. Ann and Susan 13 years and 6 years and Peter and Michael 11 years and 8 years.

John beside the Company's Hi-Ace Ford Van (or Ford Bus as the vehicle is affectionately called).

Francis James Sparks — commenced with the Standard Co. in 1967 tipping buckets at the ropeway Unloading Station. In 1969 he was promoted to the position of Supervisor at the Ropeway and Stone belts and in October, 1974 he was appointed to the Staff position of "Raw Material Foreman." Jack is his appointed christian name and he is married with wife Lola, three girls, Deborah, Jane and Sharon. Other attachments are "Windy" his blue cattle dog and a Budgerigar. He likes fishing and gardening.



Rivervale

What does one say in a Christmas message? I don't believe this is the time to talk about our 'ups and downs' during the year, but a time to wish everyone a Happy Festive Season and above all a safe 1975.

It is also the time to thank everyone for the tremendous effort put in to re-establishing Swan Cement within its own right as the number one supplier of quality products in Western Australia.

The tremendous changes that have taken place during the year, with different procedures and hence unfamiliarity with new equipment has no doubt had some effect on our safety record, as we did not retain the Cement and Concrete Association Safety Shield for 1974. Certainly, with the experience gained from these changes we can be right back there in 1975.

Through Blue Circle Southern Cement we have now many new colleagues with whom we are closely associated. To all these employees and their families and every family connected with Rivervale, I wish you all the very best in the forthcoming year. I also offer an old Scottish toast: "Lang may ye lum reek," for Scots believe that if there is smoke from the chimney there is health, wealth and happiness within the home.

HARRY MARTLEW.
RIVERVALE.



Left: Chris Arnott from Head Office at the Marina in Yanchep, Sun City. In the background is Gretel I, left behind during the America's Cup Challenge.

Below: Harry Martlew, Works Manager, on the northern leases. In the background are the old lime kilns used by early lime burners, now a landmark only.

Golf -

Neville Cooper, Stores supervisor at Charbon is very keen on golf. Recently he was successful in taking out the "Moss-Carmichael" Cup at the Henbury Golf Club in Kandos. Again at Henbury he combined with local P.M.G. Technician, Ray Johnston, to win the Foursomes Championships handicap tournament. In his local town of Rylstone he won the "A" grade championship in 1973 and was runner up in 1974 for golf organised by the Rylstone Social Club.

SUCCESS STORY

Editorials have often been written in the past and will no doubt continue to be written in the future with the headline **MIGRANT MAKES GOOD**. But what does the word **GOOD** mean when a young man leaves his native country to encounter a new way of life, a different language and often a climate greatly differing from his native homeland?

Such is the case of one, John Rasins, who some 25 years ago arrived in Western Australia to start a new life. John's first task was to seek security and with this in mind he sought, and was granted, a position at Swan Portland Cement Limited, River-vale.

Lacking in qualifications but not in enthusiasm he was given a job under the late Gus Ahrens, (father of the present Maintenance Supervisor, Alf Ahrens). Gus was a fairly hard task-master, but no doubt recognised the potential in this, then, young Latvian migrant.

John's ability to master whatever confronted him has led to his present day position as Rigger and Scaffolder, with the outstanding record of 25 years' service without a blemish on his personal safety record and a second to none knowledge of his trade.



John's autobiography, if you may call this editorial that, does not stop here. His proudest moment came early in July of this year, when he and his good wife, Helen, attended a presentation ceremony and witnessed their son, Edward, receive his degree in Industrial Chemistry. No doubt a proud moment for any parent but in this particular presentation it would be fitting to say a **MIGRANT THAT MADE GOOD**.

BILL PURDY



Does familiarity breed contempt?

After 25 years as Works' Carpenter, Bill Purdy recently had the misfortune to amputate his left thumb whilst operating the circular saw. Strange — the previous week he was commenting that after all his years in the trade he was still able to 'count to ten'.

Fortunately, Bill has had a quick recovery — back on the job and most important back to his regular game of lawn bowls.

As a keen member of Riverton Bowling Club, his comment after the accident was — 'Thank God it wasn't the right hand.'

Congratulations to Patricia and Geoff. Francis on the arrival of their first child — a daughter — **JOANNE**.

A CEMENT MILLER'S LAMENT

The Miller's work was all in vain,
The Mills they did backfeed again
Vomiting back their clinker 'dinner'
They, not he, became the winner.
For though he tried with might and main
He found he simply could not gain,
He cleaned round one but alas and alack
Another mill was feeding back!
Outside clinker wet and fine
And prayed to heaven for 'knock-off' time.
At last! Release! And so to bed
No thought of clinker in his head.
Sleep came soon but with a nightmare —
Clinker! Clinker! Everywhere!
'Stop the feed' loud was his shriek
'Soon there'll be another heap.'
At last dawn came so he arose
And went to face his spinning foes.
The scene he found was still the same
The mills they did backfeed again.
Still it seems there's no relief
Rather frustrating to say the least.

R.B.

SAFETY

At 1115 hours today one of our Section Commanders did battle with a very slippery enemy, namely a 3 foot Dugite snake which accidentally fell into the slag tunnel south elevator pit. The enemy was overwhelmed single-handedly by Merv Robinson.

On Friday, 23rd August, 1974, most of the Administration Staff gathered in the Boardroom to farewell Roger Gaskin's Bachelorhood days by presenting him with a Wedding Gift. Roger married Miss Sue James of Attadale, at St. Mary's Cathedral on the Saturday morning. Congratulations to you both.



Above: Michael Spurr and Jeff Fields.

Below Left: Kris Kidav, Works Manager, Rawang Cement Plant, and Gopi Gopinath from the Singapore Office of Pan Malaysia Cement, enjoying a trip to Carnac Island in Harry Martlew's boat to see the seals. Harry informs me they were not looking as happy as this when he turned the boat around for the return trip, facing both the sea and the wind.

Below: Malcolm Robinson of Head Office, and Ivan Crowe, Quarry Supervisor, discussing aspects of Quarry development.

Note: No blasting is carried out in our quarries hence Malcolm is not required to wear a hard hat. Ivan finds it good for keeping our fine Perth weather at bay.



FAMILY SAFETY

Last month we were looking at some of the causes of fire. This month we continue by considering the best course of action to take in the event of a fire breaking out in your home.

It's good to be organised for an emergency. Each member of the household should know the correct action to take, and what each should do in the case of fire. Every member of the family should be alerted however small the fire. The brigade should always be called. Even if the fire seems to be out when they arrive — they will make a thorough examination just in case. It doesn't pay to wait and call the brigade when the fire is getting out of control. If it is necessary to evacuate the building, all members of the family should know where to meet outside. This should be arranged as part of a fire drill.

It should also be known who is to take the final look around inside, to make sure no-one is trapped. Check each room closing all windows and doors. This helps to confine the fire.

Meet the fire brigade, tell them exactly where the fire is, and also the location of the nearest hydrant. Also tell them if a member

of the family is missing from the pre-arranged meeting place.

If you are trapped in a room don't open the door immediately, place the palm of your hand against the door panelling just above your head. If you feel warmth to the hand within a period of about five seconds do not open the door. If smoke is coming in under the door put blankets, coats or anything down to stop it, and look for a window. If you are on an upper floor, call loudly for help. Don't jump unless it is a last resort and if you do, drop something soft out of the window first, a mattress or bedding, if available, then hang with the hands from the window sill before dropping — this shortens the drop considerably.

If you are trapped and there is a great deal of smoke, make your way to an exit by crawling along as near the floor as possible. Keep your nose close to the ground. If there is any air at all it will be breathable six to eight inches above the ground. Do not breathe through the mouth, this will cause coughing. If you can't find the way — crawl along by the walls.

Remember, being ready for such an emergency as fire can save the lives of your family. Let's promote Home Safety, this will help towards a happy Christmas.

A BIG "THANK YOU" FROM THE SMITH FAMILY

The annual collection at Berrima realised \$178. The Smith Family is well known in N.S.W. for its splendid welfare work all the year round. At Christmas many needy families are given food and Christmas cheer. Toys are also distributed to the children.

Mandy, of the Works Office, once again guided our visitors.

Left to right: Christine Banks, whose mother is a welfare worker; Anna Paulovic, a voluntary helper; Mandy; and Jackie Mangan, Promotions Officer.



Maldon

MALDON

Make Christmas 1974 a happy family get-together. Work safely, drive safely, live safely. Christmas has been referred to as the "silly season" — let us all make it the "sane season" this year.

John Morphew, MALDON.

The Social Club outing held recently was a smashing success. The wine tasting was a welcome change from the usual form of entertainment, and the host of the winery was a very "jovial fellow". Bob Case has asked for a map for a Christmas present. Seems he had a little trouble finding the place. It was pleasing to see quite a few new faces at the arranged evening. We especially welcome Mr. W. Parsons and his wife Margaret.

Two of our staff members, Don Mason and Ron Turner, E.D.P. Section of the Office, have been attending a crash course at Wollongong on Basic Supervision. (If anyone needs basic supervision it's these two). John Doyle, Laboratory, will also be attending the course.

Congratulations are in order to Karen and Bob Jordon on the birth of their first child, a boy, on 17th October, 1974, at Camden Hospital. Bob is a tester in the slurry laboratory.

Most of the avid gardeners are having more than a little snail trouble I am told. I believe the answer to the problem is to purchase a duck, BUT first send it to "DUCK OBEDIENCE SCHOOL."



Big doing at Menangle Park this week. Our Trotter, driven by Bob Ferlazzo, Office, came in second. Hope you had an "each way" bet.

Arriving at Maldon, fresh from Business College, we have attractive 18 year old Sandra McGrath of Picton. Sandra is the new typist-clerk for the Laboratory. A keen horsewoman and swimmer, Sandra also held her school record for many years as a sprinter. A most welcome addition to our staff.

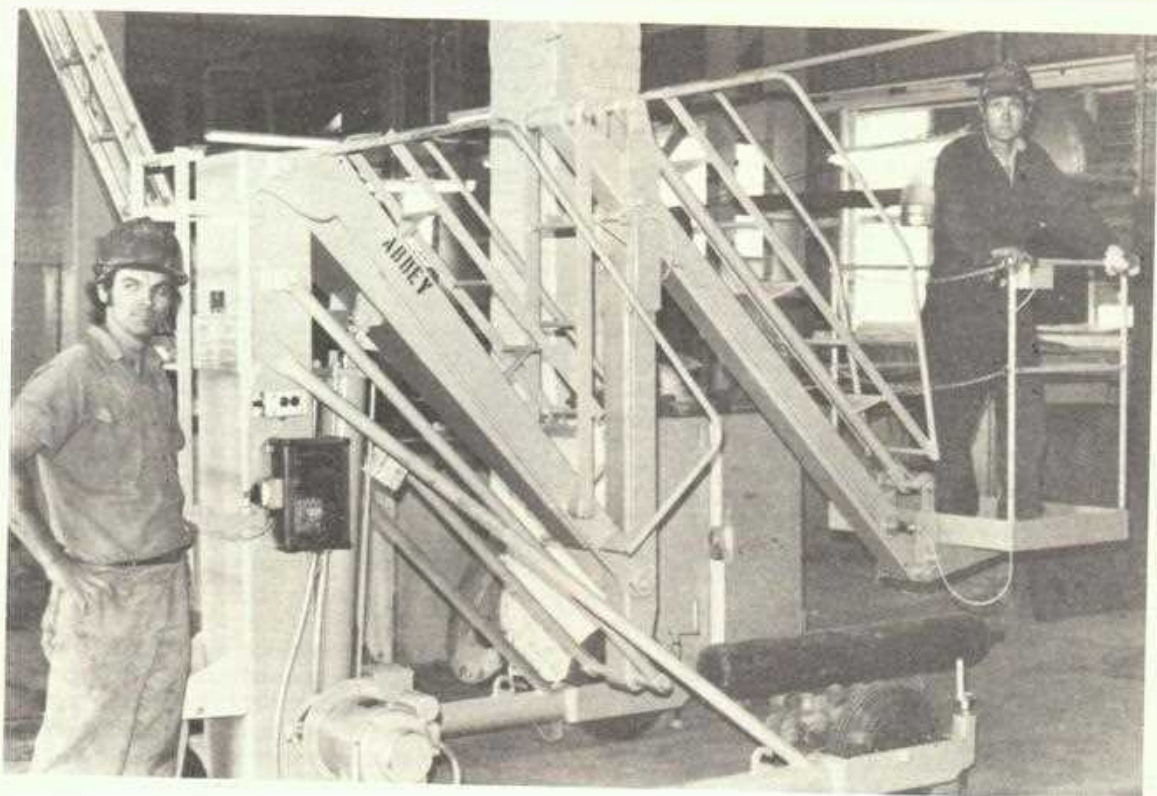
"RECREATION"

I've towed the boat for forty miles,
By busy roads congested,
And now I'm queued up at the ramp,
With patience sorely tested,
My one day free for fishing,
And running four hours late,
Bitter thoughts I'm thinking,
Of the price I paid for bait,
I back the trailer down the ramp,
With comments quite appalling,
For as the boat and water meet,
The darn rain starts afalling.

W. A. Featon, Maldon Works.

Charlie Vuse, Pay Clerk.





MALDON

Pictured is Frank Jackson, fitter/welder, trying out the new Abbey Man Hoist. Peter Newton, rigger, watching.

The latest addition at Maldon Works aimed at safer and easier access to awkward working positions is an Abbey Man Hoist. Its hydraulic driven boom arm is capable of lifting a man in a suitably enclosed platform

a distance of 20 feet from the ground. Control of the hoist can be effected from a ground control or by push button from the working platform.

One of the uses suggested, now that the Christmas season is upon us is easy dressing of the Christmas tree and ease of access when removing presents from the top branches.

azine

tary.

HOBBY REVIEW

Bruce Amey spoke often on the topic of antique bottles and one afternoon I accepted his offer to inspect the collection he was so proud of.

We wended our way to the fine brick home along a red gravel drive, bordered by immaculate gardens, which I was to learn later had won the Sydney Morning Herald Garden Award several times for the Amey family. Mrs. Amey, a very competent cook, prepared a most enjoyable afternoon tea and during the course of conversation I discovered this husband and wife team shared many common interests, including home and garden and the collecting of minerals and antique bottles.

When inspection time arrived, Bruce opened a garage door to the lower level, revealing a large area devoted to the housing and displaying of the collection. I must confess I was rather taken aback, for I had not expected his hobby to have reached such vast proportions. Neatly arrayed on row upon row of shelves, which extended from floor level to ceiling height, were bottles, jars and containers of every hue, whisky jugs held place, if importance, set among countless containers of the past, some bearing simple and other elaborate descriptions of their former contents. Fascinating scent bottles that had adorned the boudoirs of ladies from bygone days, bore testimony of their love of perfumes. Various stone containers that had contained cooling beverages, both soft and strong, had long since been emptied of their contents to quench thirsts during distant summers. Elaborately designed toothpowder and patent medicine containers revealed the form these toiletries and "cure-alls" took years ago. Stone, cheese containers displayed the solidity in "packaging" used by early manufacturers.

Bruce informed me he had been collecting a little over three years and had acquired by means of purchasing, swapping and excavating, many thousands of specimens, that now defied count and valuation.

During the course of collecting, Bruce and his wife have travelled to many parts of western and northern New South Wales and have extended their expeditions into Queensland.



At an antique bottle show held recently at Armidale his entries gained a first, second and two third prizes in their respective sections and as this show attracted a large number of entrants, Bruce's success was no mean feat.

Bruce claims one of his most prized pieces is possibly a French Liqueur bottle, titled — Phebes, the well-girl.

Bruce Amey is indeed a hobbyist who may be proud of his achievements in the field of antique bottle collecting.

W. A. Featon, Maldon Works.



Top: Shirley Sonter, Stenographer.

Middle: Volda Humphries, Computer.

Below: Betty McGavin, Office Clerk.



in complete desperation Sam could see he
had no course,
But try to gain his freedom in the form of a
divorce,
Now the Judge, himself an angler in a rather
novel way,
In granting Sam his freedom, claimed it was
not fit,
That a man should go on living with such a
hypocrite,
Like any other catch, Sam had found out just
too late,
Her sinister intentions when she'd offered him
the bait,
That prior to their marriage, she had played
him on her line,
And deceived him into thinking he would
have a life divine,
That the coldness of their love-nest was very
far from nice,
Sam was like a flathead fillet, lying in a bed
of ice,
And as she'd caught him in her trap in such
a devious way,
Decreed that Sam be known henceforth, as
"the fish that got away."

W. A. Featon, Maldon Works.

DISPLAY YOUR CONSIDERATION, FOR THE WELFARE OF YOUR MATES,
BY DRIVING IN A CAUTIOUS MANNER, WITHIN THE FACTORY GATES.



MALDON WORKS EXCLUSIVE FISHING REPORT

Two of Australia's most proficient anglers joined forces recently, when the mighty team of Steve Chadwick and Dennis Hair planned an excursion to the river at Menangle.

Following explicit instructions, their wives awoke the champions at 4 a.m. on the designated morning, dutifully feeding them and carefully packing their lunch bags.

Being anglers of the high calibre they are, they journeyed to the river with the utmost confidence.

Roughly half an hour elapsed, during which time Steve constantly remarked that he was six feet two inches tall, blonde and handsome and Dennis frequently commented on the fact he was an outstanding golfer and without any doubt the most competent operator ever sited on a raw mill. Then an enormous denizen of the placid pool broke their reverie by attacking Dennis's line.

Both men immediately displayed their above average intellect by grasping the line in a joint effort to succumb their mighty adversary.

Proving their claim to be men of remarkable physical condition, they succeeded in landing their formidable challenger, a four and a half pound catfish!

After Dennis had despatched the brute, Steve climbed down from the River Gum, where he had taken refuge.

Dennis impressed his mate by generously donating the prize to him, failing to mention he was not a catfish eater.

Steve paused for lengthy periods in the main street of Tahmoor, enabling any for-

Proving their claim to be men of returning to his wife whom he informed that it was he who caught it. He then posed with the big, dark, slimy delicacy and allowed her to photograph him.

Steve has displayed the master-piece about the plant, continuing his falsehood, but Dennis doesn't seem to really mind, merely remarking that the fish is greatly enhanced appearing with Steve, as he is six feet two inches tall, blonde and handsome!

W. A. Featon, Maldon Works.



Above: Farewell to George Turczynski, Electrical Engineering Assistant at Berrima, recently transferred to Maldon in the same capacity.

Below: John Medland, Electrical Engineer, and George Turczynski.

Below: Presentation to George in the Electrical Shop.

Berrima

May Christmas 1974 be a happy time of reunion for all employees of Blue Circle Southern.

I trust that we will all remember the repeated safety urgings we have all received so that the school holidays are not marred by injury to our families, friends or ourselves.

A Merry Christmas and a healthy, happy New Year.

Bill Gale, Berrima.

BERRIMA —

PRODUCTION RECORD FOR BERRIMA COLLIERY

During the week ending 9th November the production rose to 7,519 tonnes. This is very pleasing as the quality of coal has also improved. Congratulations lads!

Tom Lafferty of the colliery has taken his long service leave and left for Scotland in November to visit his relatives.

Recently shale was mixed with limestone and crushed. The result was that water in the slurry dropped to 33-1/3 which is as low as we have ever had it. The problem will now be to learn how to do it continually.

500 Tonnes of Portland Clinker will be delivered to Berrima by road each week for the next twelve months.

During the last week of October it was good to see the 100 day flag again, denoting one hundred days free of lost time accidents on Berrima Plant.

The Company offered to donate \$1.00 for each dollar received by the Recreation Club in Membership or Joining Fees in 1974 up to a maximum of \$500.00.

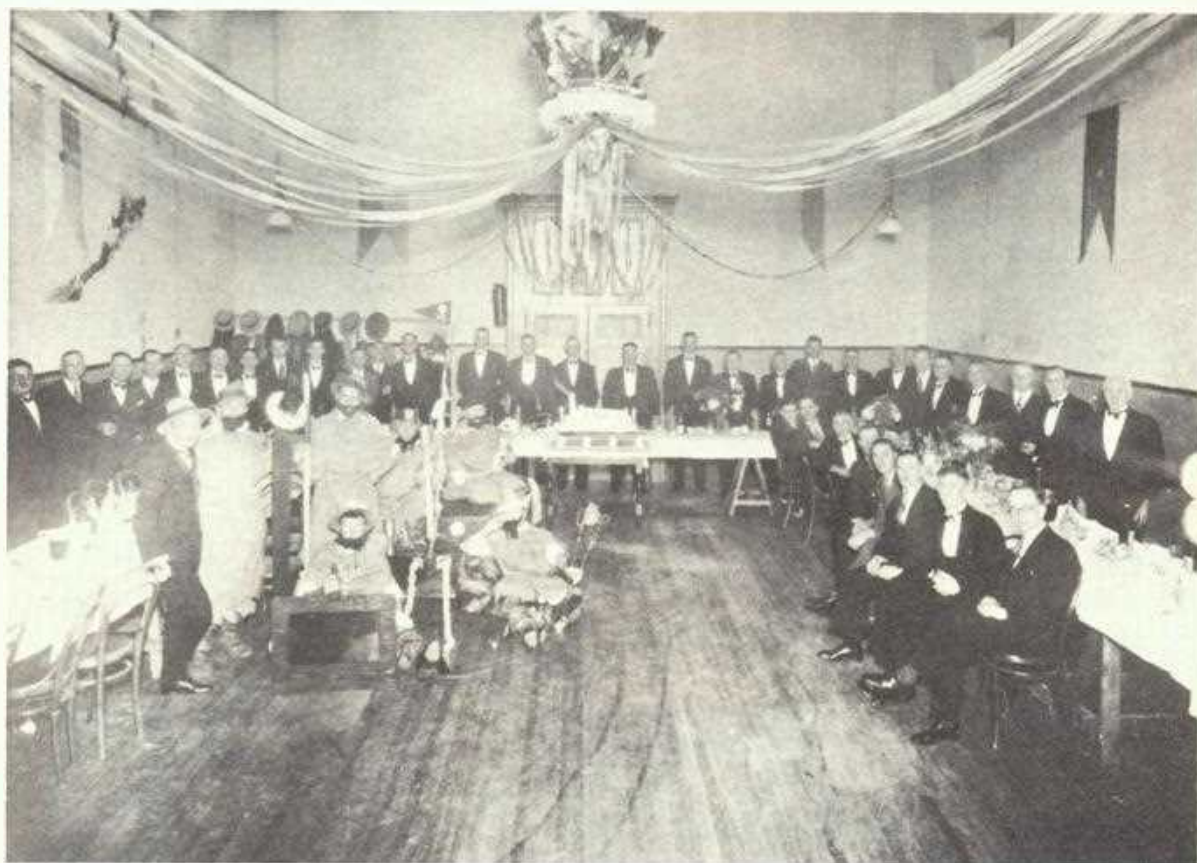
Mr. Eric Taylor and Sir Ian McLennan,
(Chairman of B.H.P.)

RECENT BERRIMA VISITORS

Mr. Duthie APCM (UK) Director.

Mr. Baird, APCM (UK), of the Overseas
Investment Dept.





ANOTHER HISTORIC PHOTOGRAPH

ANNUAL DINNER — BERRIMA COURTHOUSE, 1938

Back — left to right

Musician, Sydney (non SPC); W. Rutter, Marulan Quarry Engineer; J. Jones, Marulan Quarry; J. Hutton, Foreman Painter; R. Boyd, Garage Mechanic; W. McDowall, Foreman; W. McDonald, Foreman (Shift); P. Moran (Burner); J. Schott Jr., Chemist; F. Balderston Bagging Shed Foreman; C. Belpitt, Foreman (Shift); A. McKinnon, Assistant Manager; E. Mackey, Director; W. Hodge, Manager; A. S. Hoskins, Director; R. Taylor, Secretary; C. Hoskins, Director; R. Dyball, Secretary; R. Christopher, Chief Chemist; W. Brown, Sydney Office; J. Zeidler, Marulan Quarry; H. Anthon, Clerk; Mr. Fairy; H. Reynolds, Foreman; W. Richards, Paymaster; W. Woods, Sydney Office; H. McCarthy, Clerk; F. Wrightson, Chief Storeman.

Group

C. Rouse, Asst. Chief Chemist; J. R. Redpath, Chief Engineer; C. McGregor, Shift Foreman; J. Adams, Clerk; J. Snedden, Surveyor; J. Brown, Engineer's Secretary; R. W. Greaves, Shift Chemist.

Right Inner Circle

J. Colquhoun, Burner; L. Smith, Foreman Carpenter; J. Beattie, Mine Deputy; W. Clarke, Burner; L. Izard, Shift Chemist; W. Thomas, Shift Chemist; V. Roach, Clerk; J. Thompson, Mine Clerk.

As at December, 1974, 19 of the above are deceased, 10 are retired and only 2 remain at Berrima Works. They are Jack Schott and Rus Greaves!

page twenty



Eunice Daly.

RETIREMENT

EUNICE DALY. (Unfortunately health circumstances have resulted in the premature retirement of fellow workmate Eunice Daly. Eunice commenced with Berrima Works in May, 1957 and his term of duties included Fitter, Power House Attendant, Electrical Shop Attendant, and Cleaner). Your workmates hope that your health will greatly improve Eunice, and that you will enjoy your retirement.

Jack Schott surveys the empty clinker shed during Max Barnett's recent visit to Berrima.



MARULAN GRAPEVINE

Best of luck to Alan Ladmore and Terry Baker who recently sat for their Final Fitting and Turning examination. We hope they are both successful.

Les O'Brien is studying amateur radio. He hopes to get his licence soon. I understand that the antenna in his back yard is worth seeing.

Max Koschenow is now back from Sydney and in Goulburn Hospital. He is now doing well, able to go home for tea a couple of times each week.

Dick and Dianne Bryant recently had their first child, a son, Andrew. Congratulations.

Marulan Rifle Club has been re-formed. A shoot was held recently.

Jerry Mathew, Barry Barnsfield and Alan Gutzke headed out west recently. Alan has a new boat. It will be a fishing trip on the Darling.

Roy and Lionel Clark spent their holidays fishing the Hawkesbury River. They had some good catches.

At the time of writing, fishing off Sussex Inlet on the South Coast is very good. Excellent Schnapper have been caught.

On the 18th November the Plant reached 184 days without a lost time accident.

Darcy Hadlow started his holidays on the 18th November.

New starters at the quarry are G. Ryan, George Churchill, G. Shepherd, J. Barrett and E. J. Snowden.

Cliff Shepherd injured his elbow. This was caused by lightning. The lightning struck a tree about 10 feet away as he was driving the crane up the hill. Shock caused him to jerk his elbow, resulting in bad bruises.



Max Barnett's Picture Page

THE SHOALHAVEN SCHEME

Top: Tallowa Site Scenes.

Bottom Left: Concrete Batching Plant — Tallowa Dam

Bottom Right: Quarry Drill — Marulan Quarry.



JUNIORS PAGE

THE CHRISTMAS STORY

"It's strange" The other shepherds sitting near looked at the speaker, who was leaning on his crook and staring into the distance.

Barty, new to the job, looked in the same direction as Simon, a shepherd who was an old-timer. "What's strange?" "I can't see anything."

"It's just that I cannot help thinking about one of the prophecies in the sacred scrolls, you know how sometimes the same thing goes over and over in your mind." Simon replied.

"What prophecy is that?" spoke up Joshua, who was known to have a good knowledge of the prophetic writings.

"It comes in the inspired words of the prophet Micah," went on Simon, "About the Messiah coming from Bethlehem, and Bethlehem's just over there."

"My uncle lives there," spoke up Marty again. "But what do you mean exactly by a prophecy?"

"Prophecies are words that were given to the Prophets by God — and they were written down, you see God alone knows what is going to happen in the future, and he wanted to be sure that we would understand the things that came to pass," the speaker was Joshua again. Elias who had been listening carefully, broke in.

"But the prophecy you speak of mentions a ruler, not the Messiah." "Yes, that is true," said Simon, "But it also says that this ruler has lived from the days of eternity, that means — just like God, it must mean the Messiah."

As the shepherds continued their conversation another drama was taking place a few miles away.

"I'm sorry, I have no room, when I have, nobody seems to want it." The speaker was a little dark man, the innkeeper in Bethlehem. He stood in the doorway, lantern in hand. Before him stood a tall handsome man and standing patiently at his shoulder a donkey, on which sat a woman. She was finely featured, but pale, evidently in pain. The tall man spoke.

"Please, cannot you find us some place to stay, we have travelled from Nazareth in Galilee, and my wife will soon give birth to a child, what about the outbuildings?"

The innkeeper thought for a moment, he knew that the town was full to overflow-

ing because of the census. "There's part of one of the stables, we'll have it cleaned up a bit and put in some fresh straw, come on, I'll show you."

Joseph and Mary sighed with relief.

"I'm sure God will bless you for this," murmured Joseph.

Away out on the hills, it was a beautiful silent night, broken only by an occasional Baa-aa, and the low voices of shepherds.

They lapsed into silence.

"Look, a light in the sky! What is it? There was fear in young Marty's voice.

They were all looking now, the light was growing brighter and brighter, they were awe-stricken. Then, in the brightness, they could make out a form, and they heard a voice, loud, clear, musical. "Fear not, for I bring you good tidings of great joy, which shall be to all people. For unto you, is born this day in the city of David, a Saviour, which is Christ the Lord, and you shall find the baby wrapped in swaddling clothes and lying in a manger."

Then a host of angels appeared, and a great swelling chorus sang "Glory to God in the highest, and on earth peace, good will toward men."

The great light began to fade, and soon the shepherds, and the sheep were enveloped in darkness.

There was no sound.

Simon whispered.

"An angel spoke to us, they must have been angels singing, how strange," his voice faded.

"It must be that prophecy fulfilled," Elias broke in.

"Come on let's go and see this for ourselves, remember, what the angel said? We will find him in a manger, in a stable."

Joshua jumped to his feet.

They were on their way, excitedly chattering now.

"How shall we find where he is?" Marty wondered.

"Let's ask at the inn," said Simon, somehow he felt sure they would find the new born baby there, and they did.

Chris W. Knowlson.



Waurn Ponds

Christmas has become a traditional time for good will particularly within family groups. Through "Link" I would extend to all in the B.C.S. family our best wishes for a very pleasant Christmas from the members of the Waurn Ponds Branch.

Clive Langley.

WAURN PONDS QUARRY SAFETY RECORD

October 16th, 1974 saw Waurn Ponds Quarry reach 1000 days free from lost time accidents thus adding yet another safety record to their already impressive array. To mark the occasion all Quarry employees were presented with a pewter tankard which bore their name and the inscription "1000 days of Safety 16th October, 1974."

V.P.C. POOL CLUB NEWS

The pool season has now ended with neither No. 1 nor No. 2 sides being successful in the finals. The grand final was won by the "Fort Apache Braves" who narrowly defeated "The Golfers" in a very even contest.

Skipper of the No. 1 side, Trevor Anderson, although disappointed, has declared his side a certainty in the coming season which commences soon.

Eddie Malesza, Captain of the No. 2 side is equally confident of success as the No. 2 side has recruited heavily. Trevor maintains however that if "Gastro" Smith and "Hawkeye" Allison keep improving and "Alco" White lays off the amber, his worries are over. The end of the season dinner was held at the Waurn Ponds Hotel (Fort Apache). This was a huge success judging by the solemn expressions on many faces the next morning.

A pool knockout competition is to be held soon and the latest betting figures have No. 1 side skipper as odds-on favourite.

Below: Group photo of Quarry Personnel.



WEDDING

November 8th was a very happy day for our Despatch Clerk, John Burhop, and his bride, Jean Helling. John and Jean were married at the Belmont Presbyterian Church

by the Rev. R. Hazeldine. Following the reception at the City Hall, the happy newlyweds are honeymooning at Surfers Paradise. They have set up home in Belmont. We wish them much happiness.

BELOW:

Card sharps of Month — L. to R. — Phil Allison and Ken Massey.





Above: K. Massey, with a look of complete comfort and confidence.



Above: "Victim Massey", being comforted by Ray Hodges.

Left: L. to R. Phil Allison, K. Massey (in stretcher), R. Taylor, H. Mealey.



An important addition to our safety equipment arrived at Waurin Ponds recently in the form of a unique type of emergency rescue stretcher. It is a G.Q. Paraguard Stretcher and was originally designed for rescue work in Vietnam. Its advantage lies in its portability to the site of the accident and the many methods available for transporting the patient to medical aid. In an industry such as ours it is important to have the facility to move safely and with as much comfort as possible, any injured person from the many comparatively inaccessible areas we all know so well. We have had a practice run with the equipment with the help of Ken Massey as the "victim" and some of his "friends."

ENGAGEMENT

We are happy to announce the engagement of our receptionist Marianne Wulf. The lucky man is Manfred Weidner.



Above: Joe Peak, about to trump.

Below: Clive Langley and Tony Sewell.



Below: P. Shanahan presents K. Henderson with his Cup.



Above: P. Shanahan (Quarry Manager) and C. Langley (Manager), Frank Jensen (Rep.), A. Sewell (Asst. Works Manager).

Below: Clive Langley, Manager.



Below: P. Shanahan presents G. Baum (Plant Opeartor)





Above: Mr. Langley congratulating P. Shanahan.



Above: P. Shanahan presenting D. Love with his Trophy.

Kooragang



On behalf of the management and staff of Kooragang Cement I wish all group employees, and their families, a happy and safe Christmas and a contented and meaningful 1975.

Brian Sanders.



TANKER DRIVER'S REWARD

The driver knocked at the Pearly Gate,
His face looked worn and old.
He meekly asked the man of fate,
For admission to the fold,
"What have you done," asked Peter,
"To seek admission here?"
"Oh! I've worked as a tanker driver
For many a weary year."
The Pearly Gates swung open wide,
As Peter touched the bell,
"Come in and take your harp" he said,
"You've seen enough of hell."

Charlie Crichton.

Left: Our transport fleet consists of seven bulk cement tankers and 3 table top trucks for bag cement delivery. Six bulk tankers are Mercedes Benz 1418s and 1 Acco 1800. The tabletops are all Bedfords. We are also awaiting the delivery of a Leyland tabletop to add to our fleet.

**MR. A. R. FAGAN, MARKETING
ADMINISTRATION OFFICER**

Alan has been employed by Commonwealth Portland Cement Company for approximately 35 years, joining as a boy of 14 (not giving any ages away), including service in the R.A.A.F. in the war years, his record is unbroken.

STATISTICAL ASSISTANTS, MISS LORETTA STEARMAN & MRS. BERYL COADY
Miss Stearman, whose statistics are vital and speak for themselves commenced employment with C.P.C. directly from business college in 1957 and became Mr. Fagan's typist in the Accounts Department. Following the grouping of Metropolitan Portland Cement Pty. Ltd. and Standard Portland Cement Companies to eventually comprise the APCMA (Blue Circle N.S.W. Group) and the rapid growth of the premix concrete industry, it became increasingly important for the Group to have current and accurate details of market growth in the areas of cement use within the State.

Mr. Fagan, ably assisted by Miss Stearman, carries out this important task.

Mr. Fagan is also responsible for tendering and supply of Group products for civil, local government and other major projects in New South Wales, together with the despatching of export orders and is closely involved in the administrative work concerned with the importation and distribution of Asana brand white cement.

Mrs. Beryl Coady, a statistical assistant, has been with the company for three years as an assistant to Mr. Fagan's Department. Beryl has recently moved with her family from Sydney to settle in the delightful Gosford area. She left the Group early in November and is greatly missed by all who knew her at Sydney office.

Sydney Office



Above: Statistical Assistants Miss Loretta Stearman and Mrs. Beryl Coady.

Right:

Mr. R. Fagan, Marketing
Administration Officer.



Women's Section

WOMEN'S LIBERATION!

by Val Tranter

What thoughts come to mind with that well-worn phrase? What does it signify in this modern day world? What does it mean to you and I?

Say the phrase aloud . . . "Women's Liberation." Does it have a ring to it, a sound of excitement, of vitality, of a certain expectancy of things to come? Or is it of so little consequence that trivial thoughts fog the mind? Such trivialities as "Burn the Bra", Germaine Greer's sex life, and the non-acceptance of male courtesy. Ask yourself these questions: Do you think of a Liberated Woman as having an awareness of the world about her, of participating in the counselling of her local community, of an everlasting inquisitiveness for finding better ways of improving everyday living, of not just accepting what has gone before but asking WHY?

Has she lost her role of Motherhood?, you ask. Or has she enriched her children's lives by her social contact with other members of her community, by her thirst for knowledge, by her being involved? Has this Liberated Woman forsaken her femininity, or has she become more aware of herself as a woman since her contact with this "Man's World?"

Has she become immoral, or on becoming more aware of life has she sought to aid in the combating of immorality in our modern society?

It is not necessary to be an executive in a large company to be a Liberated Woman, nor is it necessary to travel the world, shave the head, or ride a motorbike. The Oxford Dictionary defines 'Liberation' thus: "To set at liberty, to release . . ." I should like to define it more simply as the unlocking of the mind, and the key to the lock is INVOLVEMENT.

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I would like to wish you all a Merry Christmas and Happy New Year and thank all those who have contributed to the Women's Page since its inception. I hope to hear more from you in the new year and would imagine a good way to begin would be with some — sure fire dieting recommendations to regain our former sylph-like figures after the ravages of Christmas and New Year parties.

Jackie Bytala.

WHITE BREAD

(Makes 2 loaves)

2 lbs (900g) plain flour

1 Tablespoon sugar

2 Teaspoons salt

1 Sachet Active Dry Yeast

4 Tablespoons full cream powdered milk

1 Pint (570 mls) warm tap water

Warm china bowl, wooden spoon also jug which contains tap water. Place dry ingredients into bowl and gradually pour in warm water. When thoroughly mixed place dough on a board which is lightly sprinkled with flour. Knead for 20 minutes until smooth and elastic.

Place dough into a warm bowl and leave in a warm place for at least 1 hour or doubles in size. Take from bowl cut into two equal pieces knead roll into loaf shape and then put into well greased tin. Preheat oven to temperature 375-400° bake for 50 minutes. Tap the bottom of loaf, if it sounds hollow the bread is ready. Turn onto rack.

Helen Ferrier, Berrima.

JIM COLQUHOUN'S VISIT



Left: Jim Colquhoun, formerly General Foreman Berrima, now retired, paid a visit to the Works recently. Here he is seen being welcomed by Irvine Ford.



Right: Dennis Marsden, Asst. Manager Development and Control, inspecting Tallong Dam.

THE WINE INDUSTRY IN AUSTRALIA

(Continued from last month)

In the absence of authentic evidence there remains some doubt as to who was first to plant vines and make wine in South Australia — Richard Hamilton at Glenelg or Walter Reynell at Reynella. However, it is certain that vines were growing — and, possibly, wine being made — before 1840 after colonisation of South Australia in 1836.

George Anstey and Captain O'Halloran were also among early wine-growers both planting cuttings from Macarthur's Camden Park vineyard in the hills south of Adelaide. Varieties included Riesling, Cabernet, Shiraz, Tokay, Verdelho, Malbec, Grenache, Carignan and Matara.

A little later vines were planted in the McLaren Vale district, 26 miles south of Adelaide, and at Magill, only five miles east of the heart of the city.

These were the beginnings of the wine industry in South Australia, the State which now produces about 70 per cent of all wine made in Australia.

With the rapid expansion of viticulture in South Australia, wine-growing spread north and south. In the Southern Vales the original vineyard was soon followed by many others. This country has a good rainfall, with a summer warmth tempered by the waters of St. Vincent's Gulf for a few miles to the west. It is ideally suited for growing dry red wines and late picking produces sweet wines of quality and character.

Today the fourth generation of families which planted vines and made wine in South Australia carries on the tradition. The skill of generation after generation of dedicated winemaking families, combined with the sparkling climate, a generous sun, suitable soil and rainfall have given South Australian wines their special qualities.

Meanwhile, north-east of Adelaide, one of the Commonwealth's largest wine areas has grown up. This is the picturesque Barossa Valley, which starts at Lyndoch (about 35 miles from the capital) and extends for about 15 miles north-east to Nuriootpa and Angaston. Its vineyards flourish on the slopes and broad well-drained valley and are protected by steep hills thick with trees.

Almost every place-name in the area is part of the history of Australian wine, scattered through the valley are great wineries and the familiar signs of the big wine-firms.

Celebrated vineyards run for miles on each side of the road. An ocean of wine is kept here in every kind of storage, from small cellars to enormous vats that hold 20,000 gallons each. Besides Nuriootpa and Angaston, wine-growing centres include Tanunda, Rowland Flat and Keyneton. This is not, strictly speaking "rich" country. Many of the well-established vines, in fact, are growing in agriculturally poor soil.

Much of the land is plain and sandy, but a good underlying subsoil gives the vines solid foundations for their roots. This combined with adequate rainfall and an ideal climate, is enough to ensure crops that yield some of the finest wines bottled in Australia.

It is not only the wine, however, which makes the Barossa Valley famous. The friendly and happy people who work on the vineyards and in the wineries have also given the district its unmistakable character. Many of them are directly descended from the Lutherans who pioneered settlement in the Valley more than a century and a quarter ago. These families who came to Australia in a ship chartered by George Angas, brought with them generations of wine-growing experience from the vineyards of Europe. Today their great-great-grandchildren are entirely Australians yet retain many of the names and customs, as well as the simplicity, good humour and dedication of their ancestors. This indeed, may be one of the reasons why the Barossa Valley "vintage festival", celebrated with music and dance and fountains of Barossa wine, is one of the happiest community carnivals of its kind in Australia.

Eden Valley, on the fringes of the Barossa, and nearby Springton are other districts which have become noted for their table wines.

North of the Barossa are the Clare and Watervale districts, well-known for the quality of their wines. The climate and rainfall favour the fine, light wines which come from this region.

In the south-east of South Australia, the Coonawarra district produces high-quality and distinctive white and red table wines. Vineyards are also flourishing in the nearby Keppock and Padthaway areas.

IRRIGATION

Irrigation, which has tapped the rock and worked miracles in many thousands of square miles of the Australian continent, has played a dramatic part in the development of the wine industry. In 1914 the Commonwealth Government and the Governments of New South Wales, Victoria and South Australia co-operated in a scheme to build a series of locks to control the Murray River, which, with its tributaries, the Murrumbidgee and the Darling is the main and almost only water supply of the south-eastern portion of Australia.

Ten locks between Blanchetown, in the north-east of South Australia, and Mildura, in the north-west of Victoria, were built between 1915 and 1930, and they range for a thousand miles from the mouth of the Murray. The result has been to spread water for agriculture through an immense territory, and because of the low annual rainfall and the generally hot dry climate — to create ideal conditions for the growing of many crops.

In 1887 two far-sighted brothers, George and Ben Chaffey, came from California with the idea of establishing settlement on the Murray. They started two settlements with the help of the South Australian Governments — one at Renmark in South Australia and the other at Mildura in Victoria, about 150 miles further upstream. Although the Government co-operated in assisting new settlers (many of whom journeyed from Great Britain) the Chaffey enterprise had a hard struggle for many years.

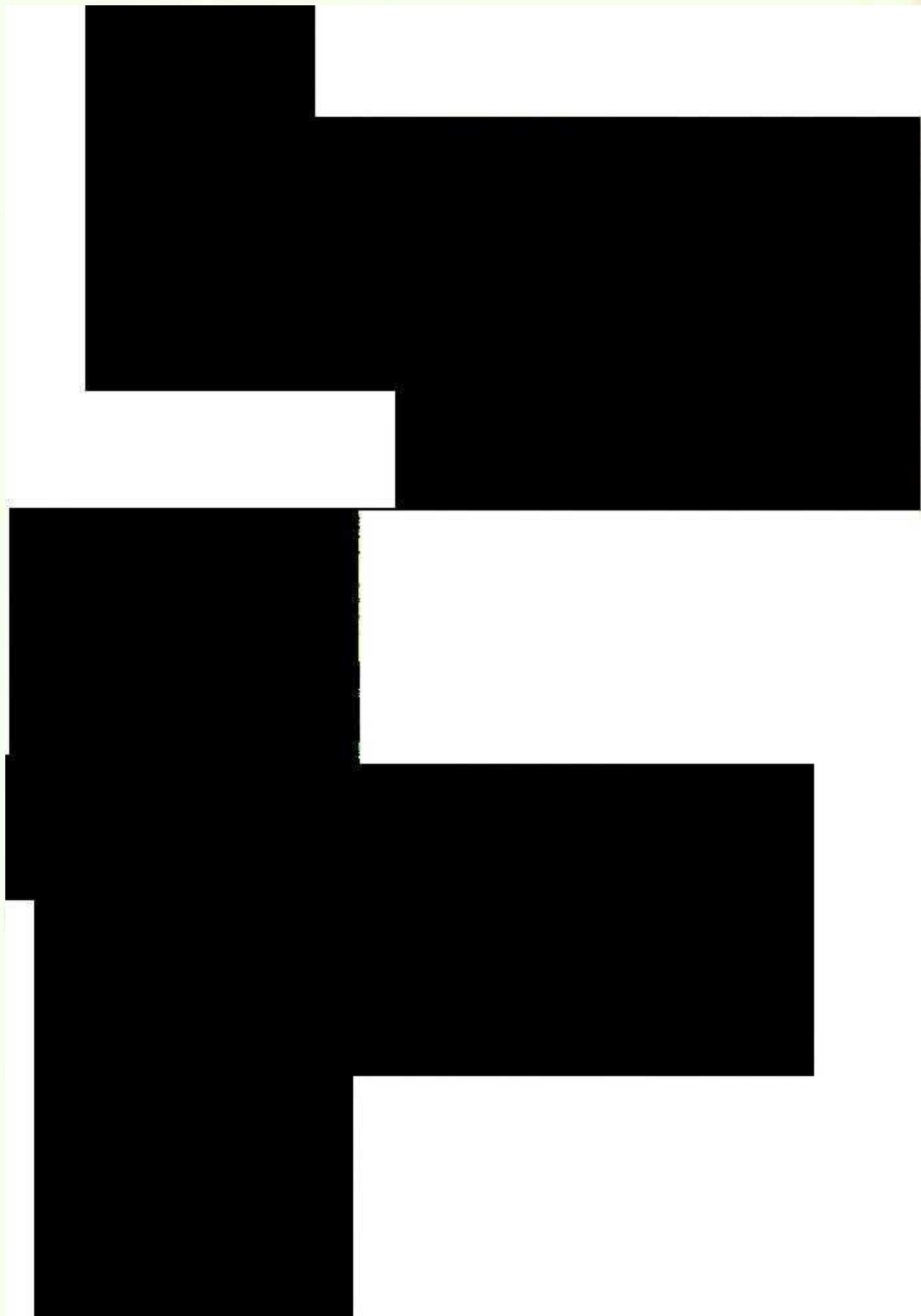
But gradually the main problems were solved and, today, the river valley areas of the Murray at Mildura, Renmark, Loxton, Berri, Nildottie and Buronga have become productive on a scale scarcely dreamed of by the brothers from California.

Many of the wineries in the Murray Valley area are co-operative societies with growers as shareholders. Their co-operation has been one of the secrets of the success of grape growing and winemaking in this picturesque and prosperous area. However, there are also in this valley a number of privately owned wineries actively engaged in wine and brandy production, and the competition and rivalry keep the industry healthy and progressive. Following the founding of the settlements by the Chaffeys,

wineries were built at Mildura and Renmark. One Renmark winery later became the first co-operative winery project. The Murray Valley was a district which had great prospects and new settlements were established at Berri, Waikerie and Loxton and later still at Nildottie and Buronga. The vines grew sturdily in these areas, and now the three towns have co-operative wineries which rank with the biggest in the country. The first types of wines to be produced in the Murray Valley were dessert wines, for which there was soon a wide demand, particularly for the luscious sweet white wines made from the Muscat grape, Gordo Blanco. Murray River wineries have turned their attention to table wines, and these, too, have proved a great success.

Three hundred miles or more from Mildura, the Murrumbidgee River, linked with the Murray, provides irrigation for another important river valley area, the lowest part of the Riverina district of N.S.W., around Yenda and Griffith. As in the Murray Valley area, the hot, dry climate is ideal for the production of port, sherry, and muscat wines, though table wines are also made. Big quantities of excellent brandy are produced in the river areas.







Top Left: David Parker and Dennis O'Keeffe
in action.

Top Right: Gripping moment in tense struggle.

Above: Garry Johns and Terry Newey —
victory smiles.

Centre Right: Happy Victors! — SPC 1st
Grade Volley Ball Squad: David Parker,
Lindsay Lansdown, Eddie Johns (Coach),
Norm Dodds, Dennis O'Keeffe, Gary Johns,
Ron Budden, Terry Newey.

Bottom Right: Mrs. Graham Beveridge —
anxiously following her husband's manoeuvres.





Above: Bob McMahon, General Manager, Engineering.

OBITUARY

TOM SHEPHERD

Marulan identity Tom Shepherd has left an irreparable gap in the Marulan community by his passing on November 22nd, 1974.

Tom began his duties with Marulan Works in the month of April, 1934. He was employed for the majority of his term as Powderman, and in latter years as the Gardener. Tom retired on the 1st June, 1972, severing a link of mutual comradeship with staff and fellow employees.

Surviving Tom are his wife, two daughters and one son, who is the current Crane Operator at Marulan Quarry.

GEORGE WHITLEY

It is with sincere regret we announce the passing of Berrima Works identity George Whitley. His death occurred on Friday, 22nd November, 1974, whilst being conveyed to hospital after a heart seizure.

George commenced duties at Berrima Works on the 19th July, 1940. He worked his way up to a staff position in 1949, and in recent years maintained his association in the category of Shift Foreman.

George is survived by his wife and one son, and on behalf of George's legion of friends throughout Berrima Works, deepest sympathy is extended.

GARDENING NOTES FOR JANUARY

FLOWERS: SOW: Aster, Antirrhinum, Aquilegia, Alyssum, Anemone, Bellis Perennis, Calendula, Canterbury Bells, Carnation, Cosmos, Foxglove, Dianthus, Gaillardia, Iceland Poppy, Pansy, Polyanthus, Primula, Primrose, Salpiglossis, Stock, Sweet Pea, Viola, Wallflower.

PLANT: Ageratum, Antirrhinum, Aster, Carnation, Dianthus, Petunia, Salvia, Stock, Wallflower.

VEGETABLES: SOW: Beetroot, Beans, Carrot, Parsnip, Peas, Parsley, Spinach, Silver Beet, Sweet Corn, Swede Turnip, White Turnip, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Celery, Cucumber, Squash, Pumpkin, Rock Melon, Endive, Lettuce, Mustard, Radish.

PLANT: Lettuce, Tomato, Cabbage, Cauliflower.

We have had almost twelve months' dull, damp weather during 1974, with very heavy rains from May onwards, causing flooding and more waterlogged areas than we have seen for about ten years in this district. These conditions, combined with heavy Winter and late Spring frosts, caused a lot of damage to root systems and to soft, sappy growth. During November we had about five days of extreme heat which scorched new growths everywhere and spoilt the appearance of many large, deciduous trees.

Plant Nerines this month, also Gladioli corms, to flower in the Autumn. See that Dahlias and Chrysanthemums are firmly staked, and disbud Chrysanthemums from now on, if large blooms are required.

Remove seed-heads from Rhododendrons. The new growths come from behind these.

Lightly prune back any flowering shrubs which are getting out-of-hand, and remove dead and dying flowers from Roses and Dahlias, to keep the blooming.

Keep a succession of vegetables going, by planting a few seeds at a time, so that there is always a new row of plants to take the place of the old ones.

Watch out for pests and diseases, not forgetting our old enemies, the slugs and snails. Deal with all these as soon as noticed, removing diseased plants and spraying for pests.

Give leafy green vegetables a side dressing of liquid fertiliser to hasten them along.

Spray fruit trees with "Rogor 40" to control fruit fly. Use at strength recommended on the container.

BEST WISHES TO ALL FOR A YEAR OF SUCCESSFUL GARDENING IN 1975 !! !!!

QUEENSLAND QUIZ

Find the Towns. First letter is given. Prizes as usual for each Plant or Group. \$5, \$3, \$2 and 5 of \$1.

You're what, Othello?	A
Australia in 1769	B
Rope making machine	C
Tired sorceress	D
A vealer's lot	E
Bewitched ale	F
Secombe's passing	G
Farewell, Zeus' daughter	H
Helped Ned	I
Rahab's home	J
Earl of Leicester's Castle	K
Police are renowned for it	L
Companion of Robin of Locksley	M
Penniless Reversal	N
'Owdy', . . .	O
As is Tessie	P
Feathery dish	Q
Athletic Crop	R
John's foes abode	S
Victoria's poet laureate	T
. . . I answered	U
Chaste form of Iowa	V
Wise Indian Sheep	W
Baby donkey	Y
It's only backward Beth	Z

RIVERVALE FOOTY COMP.

For the first time a Football Competition was held which created a lot of interest each week. Several people were running neck and neck, and it was good to see several of the girls names near the top of the list.

The eventual winners being:—

MISS M. BRIMAGE, MR. D. EDMISTON (Dead-heated for 1st. 54 pts.
MR. E. MOSS, 2nd place. 52 pts.

I would like to take this opportunity of thanking ALLAN CLEMENTS for the tremendous job he did each week in tallying up the scores.

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CRYPTIC QUIZ No. 2. The Sandgropers of W.A. are still in trouble — not one correct entry was received. Fifteen entries ranged from 1 to 3 mistakes. Prizes were drawn by lottery by:—

Mrs. Karen Ring, Miss Christine Vlahov, Mr. John Green.

FIRST: Mr. A. Cornfield, \$5.00.

SECOND: Mr. D. R. Martin, \$3.00.

THIRD: Mr. G. Roper, \$2.00.

CONSOLATIONS:

Miss Karen Hall, \$1.00.

Master Robert Wilson, \$1.00.

Mrs. M. Kilgallon, \$1.00.

Mr. F. Turner, \$1.00.

Mrs. J. Gilbson, \$1.00.

Waurin Pond Cryptic Quiz No. 2 winners following a lottery draw by Dave Mackay, were as follows:—

First Prize: Stan Mirkovic.

Second Prize: Mrs. Lilli Lakis, Melbourne Office.

Third Prize: John Truswell.

Consolation Prizes to: Mrs. J. Asplin, Ron Smith, Alan Davis, Mick Hickey, Fred Johnson.

Prizemoney was distributed by Mariann Wulf.

