



AUGUST 1996

TOM PRICE

The Tom Price Story

Tom Price Mine 1996



On March 8th 1962, two men sat engrossed in conversation in the lounge of an aircraft flying from Melbourne to Perth. One was John Hohnen, then Managing Director for the Rio Tinto Mining Co., the other was Thomas Moore Price, the leading raw materials expert for Kaiser Steel. With numerous maps spread before them they discussed the history of the discoveries of iron ore in North Western Australia made in February and March of 1961. Thomas had been asked by Sir Maurice Mawby, Chairman of Conzinc Rio Tinto of Australia, to send a man to help appraise these new deposits found in the Boolgeda area near Mt Pyrtton and Mt Brockman.

Thomas decided to go himself and at 71 years of age he was obviously weary from his trip from San Francisco that same day.

Yet, it was not until several hours later that Thomas felt sufficiently briefed to return to his seat for some much needed rest. The following morning they met with Premier David Brand and the Iron Ore Cabinet sub-committee. It was agreed that a field survey of the area was warranted after which the Cabinet would again convene to consider the results.

For the next two days Thomas flew at low level over the Hamersley Range, often landing to inspect known deposits at close quarters. He was accompanied by Hohnen, Hadden King then Director of Exploration of Consolidated Zinc, a consulting geologist named Donaldson and Lang Hancock, who discovered the iron ore, and whose persistence led to the development of the vast natural resource. It was in Hancock's aircraft that the party inspected the deposits.

The weather was hot and dry and the going extremely arduous. Until then the general mood of those closest to the project had been one of depression. Many people considered the ore deposits of too low a grade, or too high in phosphorous, or too far away.

To Hohnen, Thomas Price brought more than knowledge and experience, he brought boundless enthusiasm. Referring to this later Hohnen said, "His enthusiasm was wonderful. It was like a ray of sunlight after the depressive atmosphere in which we had, to some extent, been operating."

On Sunday, March 11th, the group returned to Perth for a Meeting with Premier Brand, Charles Court, Minister of Industrial Development and the Iron Ore Cabinet sub-committee. Their purpose was to convince the government of their ability to help develop the Hamersley Range. In describing this all important meeting Hohnen recalled, "From the moment we entered the Cabinet room where I was in charge of the mission, and invited Thomas to give his review of what he had seen, we were, in effect, home and hosed. His enthusiasm could not be contained and the Premier was completely won over."

Much to the surprise and amusement of some of the more conservative members of the group interested in developing the deposits, Thomas later exclaimed to members of the Australian Press, "How much Iron Ore is there? How do you measure the air!?"

When he returned to the United States, Thomas' enthusiasm for the project continued to be overpowering. Jack L. Ashby, then President of Kaiser Steel and a past Hamersley Board Member, recalls joining Thomas on the floor of his office while he excitedly explained the charts and maps he had spread there. Illness interrupted Thomas Price's efforts to persuade his colleagues on immediate participation with action delayed pending his recovery.

On July 11th 1962, a meeting was finally held at the Kaiser head quarters in Oakland California, to finalise the agreement between the top Australian and Kaiser executives for the development of Hamersley.

Thomas Price knew there was much to be done before the promise of Hamersley could be realised. Though his recovery from this latest illness had been impeded by an infection, he was determined to return to this exciting project.

In September 1962, wracked with fever and ignoring the pleas of his wife, Alice, he reported for work at the Kaiser Centre. There in the basement car park Thomas Price encountered Sir Maurice Mawby who told him briefly of the recent discovery of another mountain of rich iron ore 48 kilometres southeast of the central find. After a brief chat, they agreed to discuss this more fully at lunch. It was a meeting destined never to take place for within two hours Thomas Price died at his desk.

Following his death, his Australian friends named the mountain of iron ore Sir Mawby had mentioned the day Thomas died, Mount Tom Price. No doubt he would have been surprised to know that a mountain and a town had been named in his honour. It was for his friends to say that here literally was a man to match a mountain.

Thomas Moore Price was born on January 14th 1891, near the town of Madison, North Carolina, USA.

Mount Tom Price is now in its 30th year and has produced over 1 billion tonnes of iron ore.

AUGUST SERVICE AWARDS

25 Years - Terry Watkins 17/8/96

20 Years - Alan Kelland 26/8/96

10 Years - Peter Feltrin 7/8/96,

Tony Fillingham 7/8/96,

Larry Barton 20/8/96.

Notes from the General Manager

Neil Swan

In this issue I would like to touch on a number of separate items.

Firstly there are a number of matters regarding the bucket wheel reclaimer accident and following investigations that I wish to highlight. The Department of Minerals & Energy and Hamersley Iron investigations are continuing and, whilst no clear answers to the cause of the accident have emerged, it is clear that the accident was a result of a unique set of conditions or circumstances. When further information is available I will make it known to you. Another matter that may be of interest to you is that the Parker Point machine at Dampier, which is similar in design to ours, is having modifications made to the mast area which failed on our machine.

With regards to production, we have been fines train loading with the front end loaders and hoppers, this continues to provide satisfactory loadout rates. As the number of hoppers increased we were able to stop the direct train loading from the Process Plant which, although it allowed us to meet our load rates, was causing unacceptably high quality variations. Direct train loading will remain as an emergency back up option.

As the study of the failed reclaimer progressed it has become evident that repairing the unit was unlikely due to the extent of the damage. Given the success of the current loadout operation it has been decided to spend three months evaluating the best replacement option to ensure that we make the best decision for the remainder of the mine life. Again I would like to register my thanks to everyone for the efforts put in.

Another matter which I would like to raise concerns the strategic review. I am aware of many rumours that are currently circulating the site as to the possible outcomes of the review.

As is often the case, ill-informed comments are causing a lot of unnecessary confusion and anxiety. Whilst I appreciate that the current situation regarding the strategic review is unsettling for many people, I would ask people to bear with us until we are in a position to provide more detail regarding the review outcomes. For a business of the size and complexity of Hamersley Iron, any significant review will take time and in endeavouring to learn from previous events it is important that we spend the appropriate amount of time and not rush such significant work. The current state of play is that the business review outcomes will be put to RTZ/CRA in the third week of September and the following week the Operations Managing Director and General Managers will meet to work through the implications on the operations and progress the operations review. I would hope to be able to say more in October. In the meantime I would urge people to try and ignore the rumours.

I also get feedback from some people that they are concerned if they raise safety issues or near misses they will be seen as some sort of trouble maker and that it will be held against them during their performance assessment. This is in complete contradiction to the stated wishes of Hamersley Iron which requires people to bring forward this type of information, because we need it to improve, and I am discussing ways of replacing this disturbing mythology with the Managers.

In closing, it is pleasing to note that Hamersley Iron shipped its billionth tonne of iron ore on August 6 in the MV Katsuragi Maru. It was part of a shipment to Europe. This is a great achievement for all the people who have contributed during the thirty years over which the tonnes have been shipped.

Visitors to our Minesite

MITSUBISHI AUSTRALIA LTD



On Monday 12th August Mr T Fukada and Mr K Seri from Mitsubishi Australia visited our Minesite.

Mr T Fukada has recently been appointed GM, Mitsubishi, Perth.

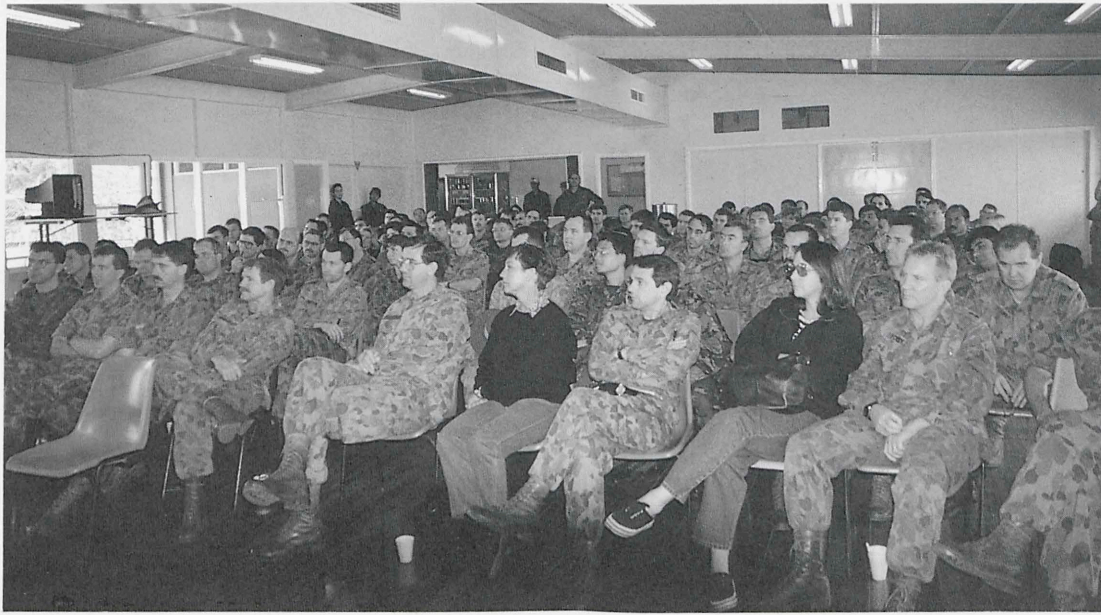
Pictured left to right are Mr N Kerr - HI, Perth, Mr K Seri - Manager, Mr N Swan - GM, Tom Price, Mr T Fukada - GM, Mitsubishi, Perth, and Mr R Atkinson - Acting Superintendent, Development, Rehab.

MINISTER FOR MINES



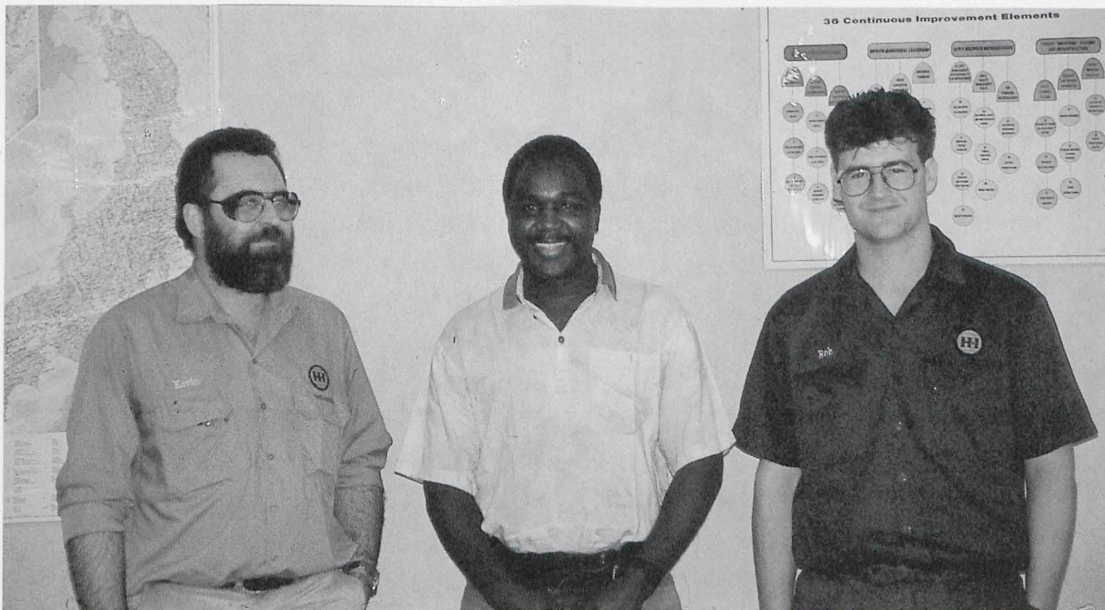
The Hon Kevin Minson, Minister for Mines pictured second from right visited our mine on the 15th August 1996. Accompanying him from left to right are Mr D Sandy, Manager Mine Operations, Mr B Stevens, Adviser, Ms T Patton, Adviser, Mr T Finucane, GM, External Affairs, and Mr N Swan, GM, Tom Price.

AUSTRALIAN ARMY



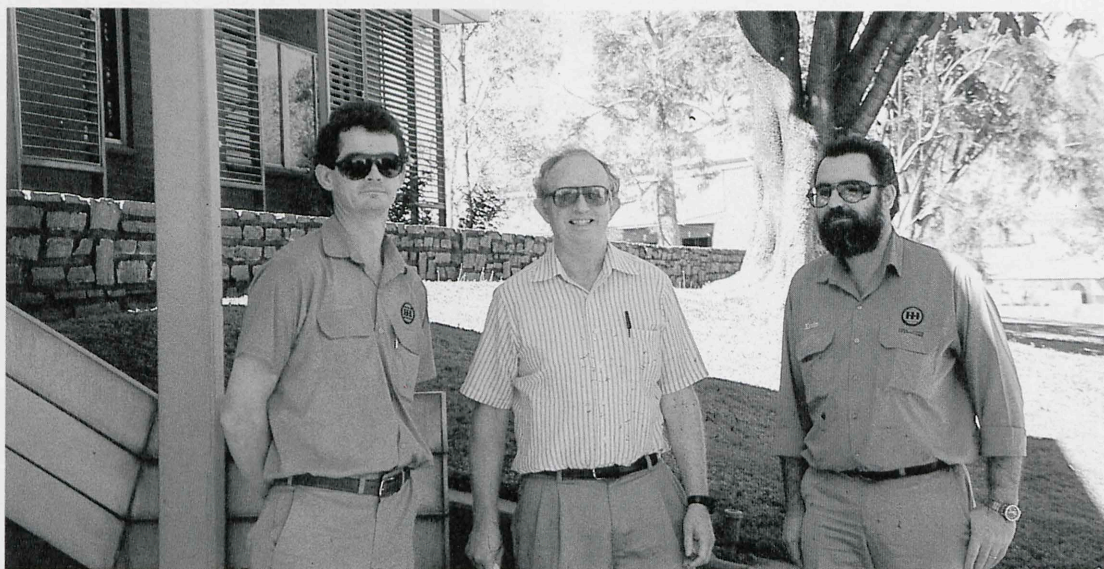
Pictured above are Army Personnel from the Army Command and Staff College in Fort Queenscliff, Victoria, who visited our mine for an Academic and Familiarisation Tour on Monday the 19th of August. The students are doing a 1 year Army Command and Staff Course which is directed at training Majors for appointments for higher ranks. Amongst the 130 Army Personnel who visited the mine are 27 overseas students from: Kuwait, The United Kingdom, United Arab Emirates, Papua New Guinea, Pakistan, Fiji, New Zealand, Canada, USA, Thailand, Malaysia, Singapore, Indonesia, The Philippines and Japan.

RTZ ZIMBABWE LTD



Pictured above from left to right are Mr K Harney, Principal Technology Advisor, Mr Killian Ukama, Group Mining Engineer, RTZ Zimbabwe Ltd, and Mr R Atkinson, Acting Superintendent, Development Rehab. Mr Killian visited our mine for an operational tour and business improvement strategies discussions.

US BORAX



Pictured above from left to right are Mr Damian Peachey, HI Tech Services, Dampier,
Dr Scott Griffin, Vice President, Research & Technology.
Accompanying them is Mr K Harney, Principal Technology Adviser.

Southern Plains - Revegetation Monitoring

Counting plants for four days in the Southern Plains revegetation area, isn't everyone's idea of a good time, although it was an opportunity to improve the suntan before summer. More importantly, the activity will provide vital information on the success of the revegetation, which seed mix should be used and which revegetation technique is best to use in future revegetation areas. This was the aim of a monitoring program that was conducted in August by three botanists from Mattisk consulting, Kim Messenger - Technical Services and Fiona Tromans - Town and Environmental Services.

The Southern Plains area was mined from 1989 to 1990 for detrital material and was progressively revegetated from late 1990 until it was completed in 1994. The area was directly seeded with a specially designed seeder, from Rally Revegetation, with native seed after the area was top soiled and contoured for drainage.

Slightly different methods and a variety of seed mixes were used over the period of revegetation in different areas of the Southern Plains. These different areas now comprise what we call treatment areas and a transect has been established in each treatment area in past revegetation studies.

The monitoring program comprised of using these transects to determine how successful the revegetation had been in the treatment areas. The transects were 100m long and staked every five metres with a wooden stake or galvanised steel dropper. During the monitoring program, 2m x 2m quadrants were dropped over each stake and within that quadrant, the number of each species of plant is recorded, as well as the percentage cover of each species in the quadrant and vegetation litter. Photographs at each transect were also taken to compare with the 1993 photographs.

The report that is the result of the monitoring program, will show how the different treatment areas have progressed since 1993 and if we have been successful in putting back a similar vegetation community to what was present before mining. A further monitoring program of the Southern Plains to be conducted in November. It will involve trapping and releasing lizards to see if we have constructed not only a viable vegetation community but also an environment that sustains an animal population.

Anyone interested in having a first hand look at the lizard trapping program in November should contact a member of the Environmental Output Team on ex 3243.

If you have any questions on revegetation/rehabilitation or any other environmental issues, please do not hesitate to contact one of the Environmental Output Team.



Ken McGrath (Manager, Town and Environmental Services) lending a hand at Plant Identification, with Botanist Dan Bright, (left), Kim Messenger, (front), and Fiona Tromans, (centre).



Sticky Cassia - (*Cassia glutinosa*)

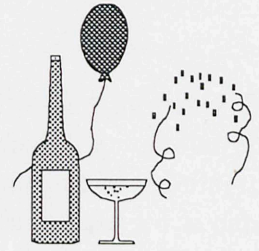


Sturt Pea - (*Clialanthus formosus*)



25 Year Dinner

Terry Watkins



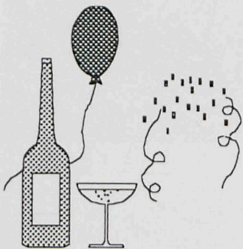
Terry Watkins has been with Hamersley Iron for 25 years and a dinner was held in his honour on Saturday 31st of August at the Hamersley Function Room in the Hillview Lodge. By the look of the photos below it seems everyone had a great time.



Pictured above are Martin Lynch, Gloria and Terry Watkins and Neil Swan



Pictured above are Lyndon Russell, Ray De Leon, Terry Watkins and Jim Van Essen.



New Employees

An Orientation Dinner for New Employees and their partners was held in the Hillview Lodge Hamersley Room on Friday the 16th of August.

MEM



Pictured left are Phil Murray, Cynthia Pryor, Mick and Leslie Banks.

Pictured right, back row are Ken McGrath, Paul Walsh and Shelli Gregory, Peter Jeffries. Front row, Noelene McGrath, Ken Ramsey, Michelle Adams.

(Peter Jeffries is with Occupational, Safety and Health)

Environment & Town Services



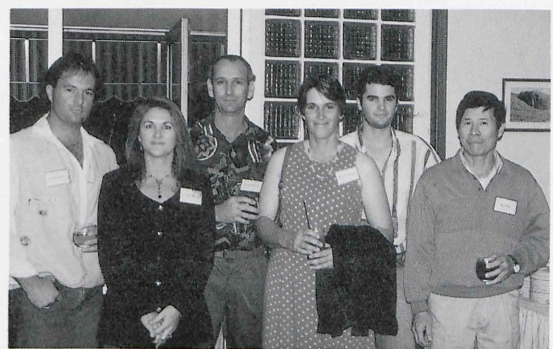
Pictured left are Evan Carless, Pascale and Martin Lynch, Janine and Ross Daniels.

Process Plants



Pictured right are Shane and Cindy Blom, Frazer and Kathryn Hayes, Geoff Harding and John Tan.

Mine Operations



Pictured left are Keith and Lorraine Britton, Peter Jeffries and Michelle Adams.

Occupational, Safety and Health



October Courses

MACHINE/PLANT OPERATION

Dogging - 14 - 18 October

Forklift Operation and Safety Training, 2 day course (Novices) - 26 - 27 October

Forklift Assessment Course 1 day (20 hours experience) - 8 October

Forklift Assessment Course 1/2 day course, (50 hours experience) - 7 October

Hiab - 19 - 23 October

Elevated Work Platform - 24 & 25 October

HYDRAULICS TRAINING

Hydraulics 1 (NM32) - 14 - 18 October

AUTOMOTIVE AIRCONDITIONING

Auto Airconditioning NR21 - 28 Oct to 1 Nov

MANAGEMENT/SUPERVISORY SKILLS

Business Speaking & Presentation Skills - 7 & 8 October

Workplace Trainer Category 1 - 4 - 6 October

Communication Skills - 3 October

Meeting Essentials - 17 October

Conflict Resolution - 31 October

Managing and Developing Teams - 9 - 11 October

Advanced Reading Skills - 1 & 2 October

How to Recruit and Select Good People - 22 - 23 October

If you need to attend this training, please contact your supervisor so they may enter the nomination into PRMS.



ATTENTION!



Tony Shilson is recommencing "Fire Training" - There is a requirement for all employees to attend this training once a year.

The first course is commencing Friday 23 August and then will continue to be every Tuesday and Friday until all personnel are trained. The only exception is September, as Mine Operations have these dates fully booked.

Maximum numbers are 25 people per course

Time: 8.30am - 9.30am

Venue: Innerloop (please provide your own transport)

Friday 23 Aug	Friday 25 Oct	Friday 29 Nov
Tuesday 27 Aug	Tuesday 29 Oct	Tuesday 3 Dec
Friday 30 Aug	Friday 1 Nov	Friday 6 Dec
Tuesday 1 Oct	Tuesday 5 Nov	Tuesday 10 Dec
Friday 4 Oct	Friday 8 Nov	Friday 13 Dec
Tuesday 8 Oct	Tuesday 12 Nov	Tuesday 17 Dec
Friday 11 Oct	Friday 15 Nov	Friday 20 Dec
Tuesday 15 Oct	Tuesday 19 Nov	
Friday 18 Oct	Friday 22 Nov	
Tuesday 22 Oct	Tuesday 26 Nov	



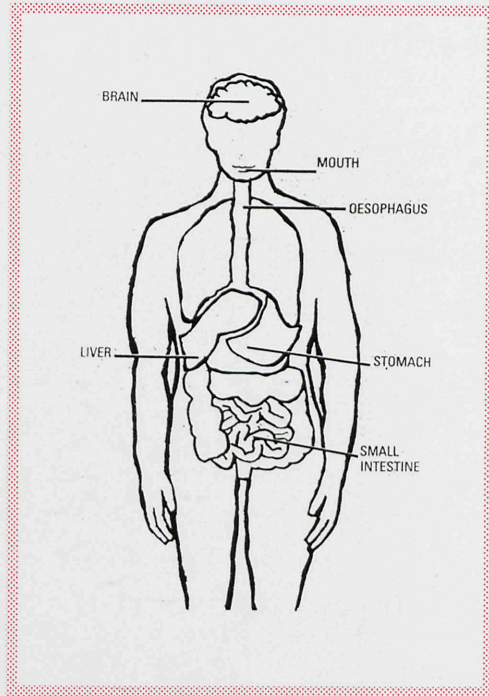
Please nominate your attendance via PRMS, code 00015

Thank you!

Alcohol and the Body

ABSORPTION OF ALCOHOL

A small amount of alcohol enters the bloodstream through the walls of the mouth, oesophagus and stomach.



Most of the alcohol is absorbed through the walls of the small intestine. The alcohol in the blood is carried to all parts of the body. This happens more quickly if you:

- ♦ drink strong drinks such as spirits;
- ♦ drink carbonated drinks such as cider and champagne;
- ♦ drink fast; or
- ♦ drink on an empty stomach.

The liver takes about an hour to break down the alcohol in one standard drink. There is no fast way to sober up ... drinking black coffee, having a cold shower or vomiting will not help.

The effects of alcohol on the person will depend on:

- ♦ the drug itself (amount, strength, how quickly consumed, use with other drugs);
- ♦ the person who is drinking (health, personality, mood, expectation, body size, sex, and age); and

- ♦ the occasion for using alcohol (being alone, with friends or family, driving).

Heavy drinking over a short period of time can cause:

- ♦ a hangover-headache, nausea, shakiness and vomiting;
- ♦ alcohol poisoning.

Medical authorities recommend the following as low risk drinking levels:

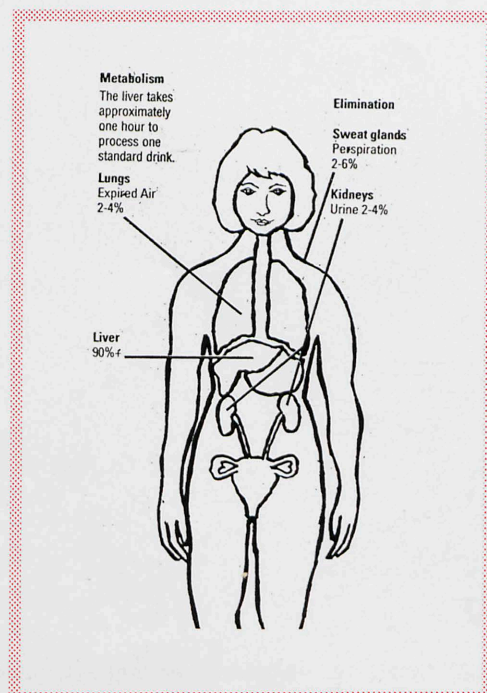
- ♦ **WOMEN** should drink no more than 2 standard drinks a day;
- ♦ **MEN** should drink no more than 4 standard drinks a day; and
- ♦ **EVERYONE** should include at least two alcohol-free days per week.

A standard drink contains approximately 10 grams of alcohol:

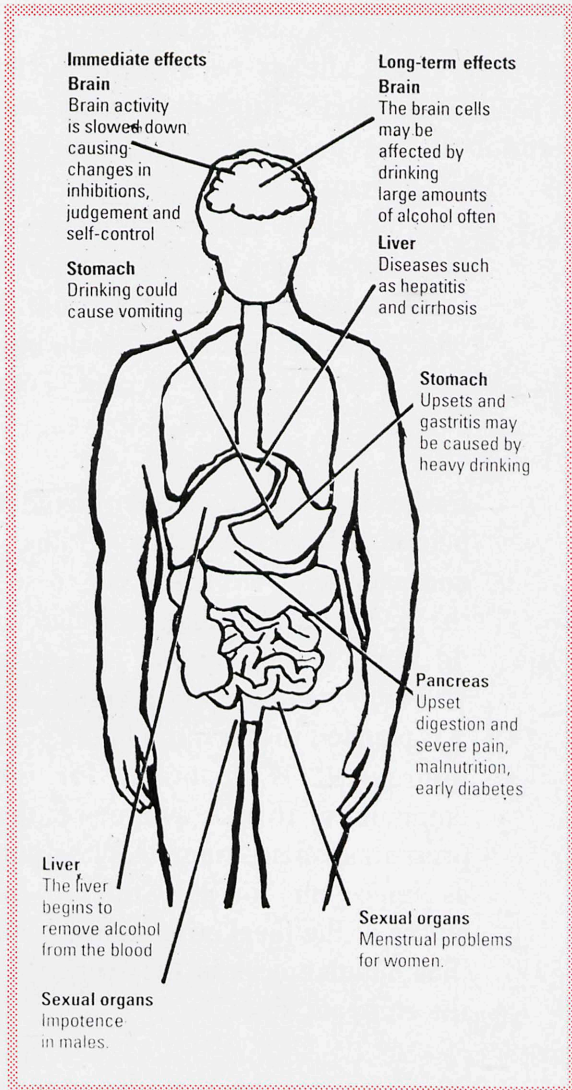
Some common standard drinks are:

- ♦ A middy of regular 4-5% beer (285mL)
- ♦ A can of 3.5% beer (375mL)
- ♦ Two middies of regular 2-3% beer (2x285mL)
- ♦ A small glass of wine or champagne (100mL)
- ♦ A port or sherry (60mL)
- ♦ A nip of spirits (mL)

HOW DOES THE BODY RID ITSELF OF ALCOHOL?



EFFECTS OF ALCOHOL



CAUTION

When taken with other drugs, alcohol can be very dangerous.

Sculling or drinking fast is the major cause of death from alcohol poisoning.

It is not safe to drink the week's quota in one session.

Respect Yourself
Drink Safe

FIENDISH PUZZLES

Source: Challenging Lateral Thinking Puzzles
by Paul Sloane & Des MacHale

Flat out

A driver whose car had no brakes was approaching a level crossing at 60 miles per hour while a train was approaching the same crossing also at 60 miles per hour. The crossing was unmanned and had no barriers. The train was 100 yards long and it was 50 yards from the crossing. The car was 100 yards from the crossing. Neither train nor car stopped or changed direction or speed. The driver did not get out of his car. How did he survive the crossing?

An Odd Story

Three men went into a cafe and each had a single cup of coffee. Each put an odd number of lumps of sugar into his cup of coffee. In total they put 12 lumps of sugar in their cups. How many lumps did each consume?

The Deadly Party

A man went to a party and drank some of the punch. He then left early. Everyone else at the party who drank the punch subsequently died of poisoning. Why did the man not die?

What a Shock

A man was searching a trunk in the attic when he found something that caused him to drop dead of fright. What did he find?



News from Aboriginal Training and Liaison MRU

This year has been a busy one for Aboriginal Training and Liaison, with new faces and many changes. Things were getting a bit crowded in our office out in the Karratha LIA and in June we moved into Seven Mile (to the old training building). As well as moving into a bigger office, this year has also seen a number of new faces join the team.

The main activities of the department this year have included land rehabilitation and exploration access with the Operator Training Program, community liaison and negotiations, land clearance work, enterprise development and a new pastoral training program on the stations. Two local communities are also putting together a cross-cultural training program, which is being developed for HI staff and the public. Noelene McGrath, from Town Services MRU, is co-ordinating some programs with local communities and in Tom Price. Noelene was recently seen at a cultural night at Wakathuni, kicking up the dust in a dance with community members - no better way to relieve a bit of stress!

There have been some positive results from the Operator Training Program, with all eight graduates this year being successful in gaining employment at the various minesites. Peter Jeffries, one of our graduates, is now working in security at Tom Price. Peter worked for the Police Department before he joined us, so he is well qualified for the position of Emergency Services Officer (just don't call him Constable!). Other graduates are working as operators at Tom Price, Marandoo and Paraburdoo.

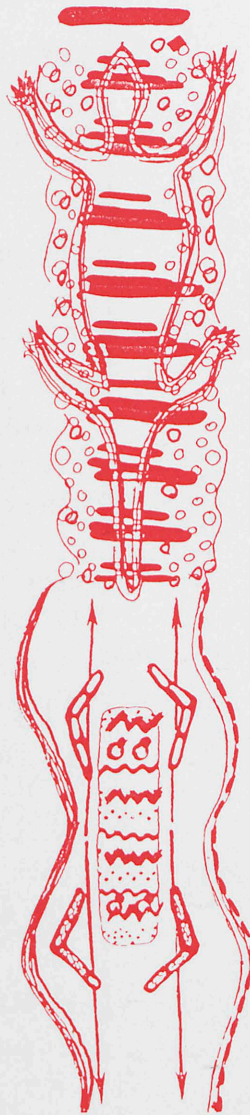
Rumour has it that Alloway Smirke, one of our graduates, had already been signed up in the basketball and football teams in Paraburdoo before he even started working there! We currently have eleven people working in the program and all show great promise as highly skilled operators. Current participants come from a wide area in the Pilbara, including Port Hedland, Onslow and Tom Price.

Earlier this year, a number of older people from various Pilbara communities were taken out to see the operators working, and also to do tours of the various minesites. The trips were very successful and it is planned to run more in the near future. It is important for the community to be aware of the programs we are running. It is just as important for HI staff to be aware of the local communities and their involvement in the work that the company does.

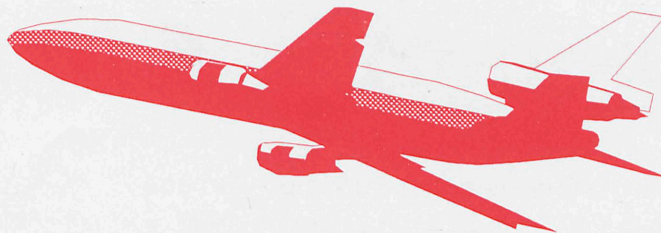
New starters in our department include Elizabeth Bradshaw and Kingsley Smeathers. Elizabeth has come from Alice Springs and takes up the position of Specialist Archaeologist. Kingsley has come from Port Operations and takes up the position of Supervisor-Training and Land Rehabilitation. A third recruit is Mark Simpson, who has worked in education in the North West for many years. Mark is

currently working on a consultative basis and is working with education support programs and developing cross-cultural training programs with Pilbara communities.

If any people are interested in the work we are doing and the programs we are running, feel free to give us a call or contact Carmel on 6082 for copies of our newsletter 'Milli Milli'.



by ROSS PIPER



Qantas/CRA Air Travel Support Programme

Under the arrangements made between CRA and Qantas for Group Travel, a fund of \$250,000 has been set aside by Qantas for staff travel associated with community activities and support of CRA's community giving programmes. The policy has been developed to ensure a fair distribution of the funds allocated by Qantas. Any staff wishing to apply for a travel grant will be considered within the following guidelines.

GUIDELINES FOR APPROVAL

Description

As part of the preferred supplier arrangement with CRA for domestic and overseas air travel, Qantas will provide air travel to the value of \$250,000 per annum for community support and staff development purposes which fall outside the normal operating activities of CRA.

Approval Criteria

Support under this program is available to both CRA employees and to external persons and organisations.

To be eligible for consideration, the proposed purpose for air travel must be outside the normal operating activities of CRA business units. Proposals which would satisfy this criterion may include:

- ♦ Travel associated with altruistic programs supported by CRA or individual business units.
- ♦ Travel which provides greater leverage to corporate and management initiatives approved by CRA Community Support Committee or similar initiatives approved by business units.

- ♦ Travel benefiting the purposes of the CRA Aboriginal Foundation, including travel of external members of the Foundation Board.
- ♦ Travel associated with education support initiatives directed at influencing the education environment or developing and attracting potential employees.
- ♦ Travel for personal education and development of CRA employees where this will benefit the broader community. Examples would include volunteer training (eg St John's Ambulance), environmental research, cross cultural training, and community conferences.

In addition to having to satisfy the above criteria, applications will be considered on relative merit.

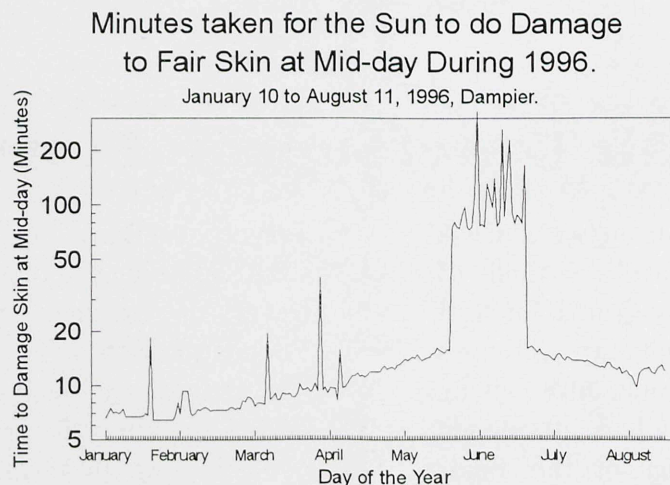
Submission and Approval Procedure

Applications for funding of air travel under this scheme should be submitted to the Community Assistance Team, marked Attention to Ken McGrath, who will forward the application to the CRA Community Support Committee.

The CRA Community Support Committee will determine eligibility and the comparative merit of each application. Applications supported by the Committee will be recommended to Qantas.

Final approval rests with Qantas.

Solar Monitoring at Dampier



If you happen to have navigated the cmail HISafe bulletin board recently, then you will have noticed the results from Hamersley Iron's new Solar Light Monitor - which is stationed at Parker Point, Dampier. In fact, up-to-date results from the monitor have been placed on the HISafe bulletin board weekly since February this year.

The monitor was purchased at the end of last year in order to provide Hamersley staff and their families with a guide to the dangers of solar radiation in the Pilbara. It has long been understood that the Pilbara's tropical latitude (21 degrees South), lack of cloud cover (although it is possible to get quite sunburnt on a cloudy day, the clouds do reduce the level of sunlight), and lack of shade trees make it an easy place to get sunburnt. It is hoped that results from the solar monitor will help to demonstrate the dangers of Pilbara sunlight levels relative to other areas in Australia. It is also hoped that they will provide a guide as to how long we can spend in the sun at any given time of the year without causing damage to our skin.

Although the monitor is presently stationed at Dampier, the results on the HISafe bulletin board are still very relevant to the Pilbara as a whole - which is at approximately the same latitude.

In fact the only difference between solar levels at different locations within the Pilbara on any given day will be caused by differing amounts of cloud cover.

Results taken from the solar light monitor are interpreted using Australian standards concerning the amount of solar radiation that can be absorbed by a fair skinned person before skin damage begins to take place. The results have shown, for instance, that during January in the Pilbara, fair skin will be damaged by only six minutes of mid-day sunlight. The difference between damaged skin and sun burn is important; if it takes sun light half an hour to cause your skin sun burn on any given day, then you can assume that the sunlight began to damage your skin after you had been in the sun for only half this time (15 minutes). The effects of skin damage are not always evident until years after the damage is done - so it pays to be aware of the risk.

Keep an eye on results from the monitor as summer time approaches, and remember to take a good hat when you go fishing or Gorging (to avoid the chance of developing an unwanted and life long reminder of your stay in the Pilbara).

James Litost
HI Power Dampier

NZAS During a Tropical Winter

Starting any article always takes the longest time. Even I'm embarrassed to use "Once upon a time..... five of Tom Price's very best were asked to visit an Aluminium Smelter at Tiwai Point, Invergargill. Yes, that's at the bottom of New Zealand's South Island, and it is another RTZ-CRA operation. It was cold, but undoubtedly scenic.

So who were the five, why go there, was it just a jaunt...I know!!!

The Team: Glenn Scarlett
Sally Stephenson
Ian Dwyer
Alan Kelland
Kevin Harney

The Purpose: To get exposure to another work site.
Review specific work systems to identify opportunities for Tom Price.
Look at implementation.

Sex, Alcohol, Abuse, Scandal I've gotta tell you there was heaps. I'll deal with the serious stuff first, then provide pages of detail on the other scandalous and sinful behaviour.

Read on.....

To get exposure to any place you must go there, so we did. (On Monday June 23rd we got to the Smelter in the 'am'. Started the learning, and left Friday 'pm' for another day in Christchurch putting it all together. Then home to Tom Price is a fairly accurate description of the itinerary).

The systems we specifically reviewed were

1. Team problem solving methodology.
2. Salary assessment and review system.
3. Strategic planning and I.D. business measures.
4. Leadership evaluation processes.
5. Measures and information.

At Tiwai we were met with a degree of honesty that we benefited from all week. We arrived in Christchurch with too much data to deal with in this sort of article. These folk at Tiwai have invested in creating trust through all levels, supporting the systems they want to use, and respecting each other's value. So is that all we learnt ... It's heaps if you spend every day-light hour for four and one half days cross checking every level of employee across all MRU's. The rest of the learnings are captured, and will be presented when we are satisfied it's ready.

Why send us five... Toss of the coin... We wouldn't be missed in a high activity organisation like Tom Price? Personally, I don't want to be. Give me the composure and approach that Tiwai has any day. So are they that much better? It's the wrong question. Better to know how they got there. To do that you had to have Glenn, Ian and Kevin along. They are the systems people who advise Neil Swan

Sally was born to do this stuff, and is moving to a role where she can (will). Me, well.... I'm a crew leader. Sally took too much luggage which our other three bean counters often discussed but never lifted.... Got the picture!

You always knew there wouldn't be any gossip. Did you keep reading or turn to the photos?

If this paragraph gets to print, it's only purpose is to allow me to tip my hat to the three who had a bad lurgy by Wednesday. Their courage impressed me big time. I wonder which of them will try and edit it out. Sal 9/2, Glenn 9/1, Kev 1/100. Big fella (Ian), thank's for the persistence. To NZAS and all the people there Haere Mai from us all.

Alan Kelland
Supervisor Production.

Tom Price Reptile Removal Service

Sponsored by Hamersley Iron Tom Price and Marandoo



Pictured above with the new snake equipment are Noel Grover, Annie & Chris Burns.

I would like to express our thanks to Hamersley Iron for their generosity. About 2 and a half months ago I wrote to the Community Assistant Committee requesting assistance with the purchase of new up-to-date equipment that would make our snake removal service much safer.

There are quite a number of people in town that have had reason to call either myself or Chris and Annie Burns in the last couple of years to remove uninvited snakes from their premises. Between September last year and June this year we captured and released just over 90 snakes from residences in Tom Price. We do this as a service to try and prevent anyone from being bitten when attempting to catch or kill the snake. All snakes are kept for a few days and then released back into the bush some 10km's from town.

The equipment that we had been using was created in Chris's shed from materials salvaged from where-ever! They were functional but did not entirely remove the risk from being bitten ourselves.

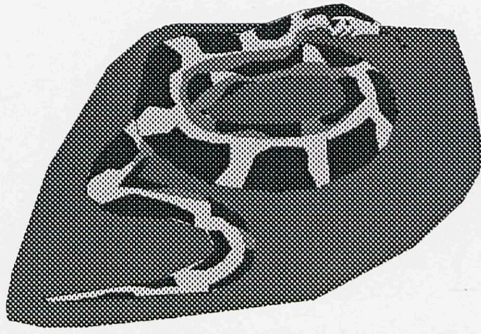
After much research and many phone calls to the Eastern States and the USA, we decided on the most appropriate equipment as the majority of the snakes that we removed last year were poisonous. King Browns, Western Browns, Death Adders and Whip Snakes.

Many were found in awkward places to get at with the equipment we had. One was a 5 and a half foot King Brown in a china cabinet full of fragile glasses. The snake was removed and not a glass broken.

The new equipment will be of benefit to ourselves and anybody that is unlucky to have a snake invade the privacy in the forth coming summer months.

Once again we thank Hamersley Iron Tom Price and Marandoo Operations and the Community Assistance Committee in recognising the service that we provide and for providing the money for the new equipment.

Noel Grover



Snakes

As it is now approaching the warmer months in Tom Price, we will soon start to witness the arrival of those hideous, dreaded and much loathed "SNAKES". Even though there is a professional service available to everyone in Tom Price for the removal, there are a few precautions that can be taken to minimise the chance of having a snake in your house or yard.

Clean up excess leaves and ground covers in the garden, in the case of leaves use a garden rake and good quality garden gloves when picking up the leaves. Do not leave the heap for any length of time before removal.

If you have pot plants on the patio, spread them out and do not bunch them up with over hanging foliage dragging on the ground.

Try not to leave front and back doors open. Check for any small gaps at the end of the guides of sliding doors and block them up.

Have a comprehensive eradication programme on mice in the house and shed and in any aviaries or chook runs. Compost bins not being used with a few scraps in them can also harbour mice. These are a major attraction for some snakes.

If going outside the house at night to turn on taps or hang out washing etc., turn on the outside lights and take a torch. Check on the mat and general area around the door and again when returning.

When going for walks in the evenings carry and use a torch or walk your dog. Both is even better.

Because of the intense heat during the day most of the sightings tend to be in the evening. Early summer from about 6.30pm to 7.30pm and mid summer, 7.00pm to 9.00pm. Death Adders tend to be later than this, about 10.00pm to 12.00 midnight.

If you see a snake in your house or yard the best thing to do is back away to a safe distance and try not to frighten it. If possible leave someone to watch it while someone else phones us. We respond to all calls day and night.

We would like to stress that there is NO FEE associated with the removal of any snake.

Something to keep in mind. Roughly 80% of all snake bites occur when people attempt to kill or remove the offending snake. For the cost of a local phone call it can be identified and professionally removed without any danger to you or your family.

Noel Grover

If anyone has any questions or would like any more information on snakes please contact us.

Noel Grover - **881325**

Chris and Annie Burns -**881307**



Annie with her friend Ollie

Off Road Survival

Dirt in the Fuel System

Well here we are for the last in this series, I hope you have gained knowledge and skills from this series to enable you to travel safely in the outback and enjoy your trip and not to have your trip becoming a heart ache.

No matter how clean you are with your fuel system, dirt and foreign material seem to find their way into the system.

Most modern vehicles have throw-away plastic or steel-cased inline fuel filters located just prior to the carburettor. If your vehicle does not, I would recommend that you fit one. They are simple to fit and most auto shops have them. I recommend the clear plastic type because you can see any foreign material or water that may be lodged in the element and could be giving you trouble.

If you do that, you should have very little trouble with blocked jets in the carburettor. Nevertheless, it's amazing at times what finds its way into the carburettor. A blocked mainjet, for example, will generally give you the following indications: vehicle will idle but coughs or runs roughly or dies completely as you increase engine revs. An old mechanic's trick that may get you out of trouble is this, remove the aircleaner and check that you have fuel by pumping the accelerator as we mentioned previously. If you have fuel, and the electricals seem OK, try crossing the two centre spark plug leads (that's 2&3 on a 4-cyl, and 3&4 on a 6-cyl, or the two diagonally opposite cylinders toward the centre of a V8 engine.) With the leads crossed, start the engine and open the throttle. The engine will cough and back fire, and will usually dislodge the obstruction in the jet. If this fails, it will be necessary to dismantle the carburettor.

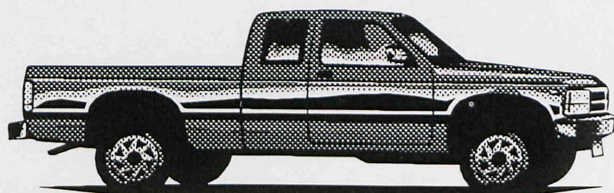
I would suggest that every serious off-roader purchase a workshop repair manual for his or her vehicle, and possibly enrol in a course at any advanced education centre where they usually have courses in understanding your vehicles and making simple repairs.

Note: If you drive a fuel injected petrol or diesel powered vehicle, well that is another large story all by itself and perhaps you should talk to somebody about how, what we have talked about here applies to your vehicles.

*Practice, though, before
you go on a trip.
Mistakes are then more forgiving
than in the bush.*

**Travel Safely
in the future.**

Iain Day



HI Safe COURSES

17 - 18 October
14 - 15 November
12 - 13 December

Please contact Peta Jackson on 3341
or enter your nominations into PRMS.



Congratulations to

Ray & Helen Joseph on the arrival of
their beautiful daughter
Georgia Louise.



LEADERS

Leaders are like Eagles,
they don't flock,
you find them
one at a time.

Welcome to the Truck Shop

Lester Sidery his wife Jan and
daughter Madison.

Stephen Stanwix his wife Louise and
children Jack and Craig.

Thomas Mellitt and his wife Jodie.

Brett Scott his partner Suzanne Lanport
and their son Connor.

Anthony (Paddy) O'Loughlin transferred
from the Process Plants, his partner is
Gail Watson and they have a daughter
Keighley.

Answers to Fiendish Puzzles

FLAT OUT

Who said that the car was on the road?
The car was being transported on the train.

AN ODD STORY

The first man put one lump of sugar in his
coffee. That is an odd number. The
second man put one lump in his coffee.
That is also an odd number. The third man
put 10 lumps in his coffee. That is a very
odd number of lumps to put into a cup of
coffee!

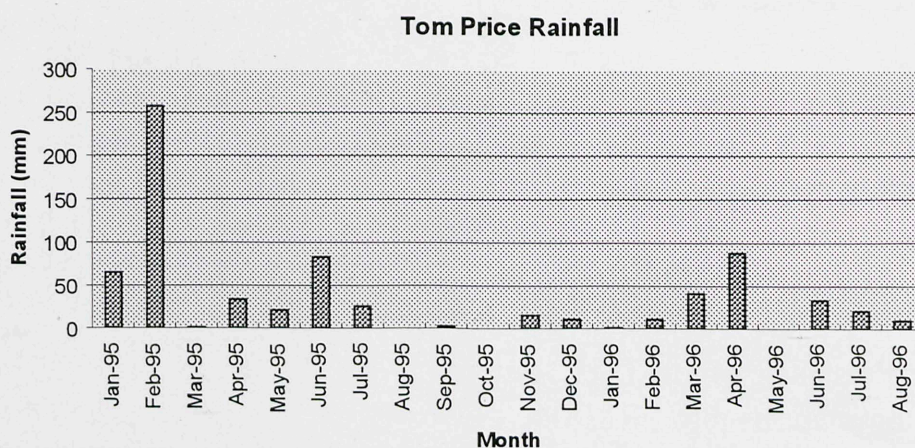
THE DEADLY PARTY

The poison in the punch came from the ice
cubes in it. When the man drank from the
punch the ice had just been added and was
still solid. Gradually, during the course of
the evening, the ice melted contaminating
the punch with the poison.

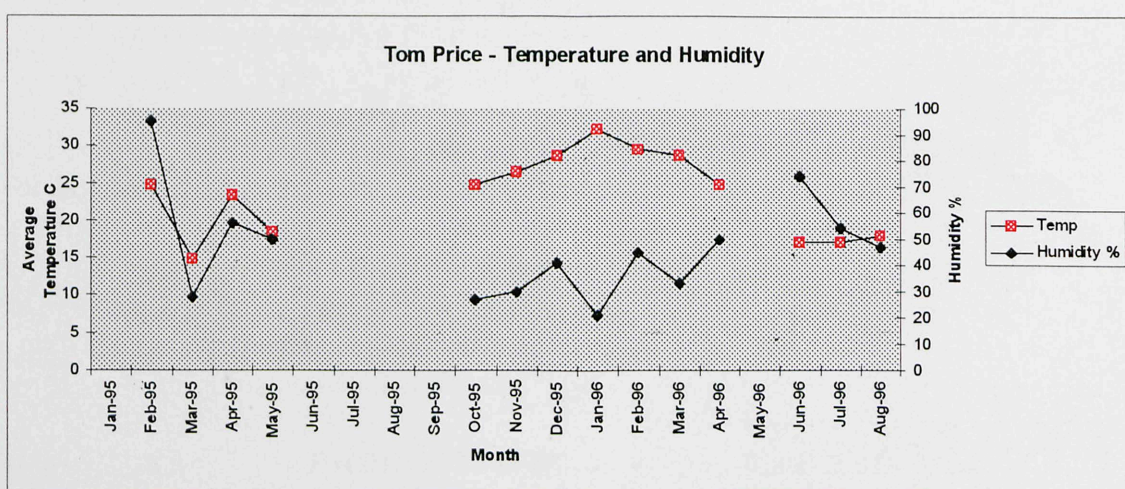
WHAT A SHOCK

The man discovered a box containing four
glass eyes mounted to a board with a
dedication to their previous owners. They
had belonged to the four previous husbands
of his wife. The men had all died after
about a year of marriage. This was the first
that he had heard of them. He was recently
married and had a glass eye!

And now for the Weather



August is traditionally a fairly dry month but this month we recorded 10.2 mm in town over two days. This brings the yearly rainfall to the end of August to 224.1 mm, the same time last year the total was 468 mm, mostly due to heavy rain and cyclone activity in February 1995.



The average daily temperature for Tom Price in August was 18.01°C with a maximum of 28.25 °C and minimum of 7.14 °C.
The average Humidity for August was 41 %.

TOM PRICE - AUGUST 1996

TOTAL MINED VARIATION FROM PLAN



The graph above is split into 2 portions:

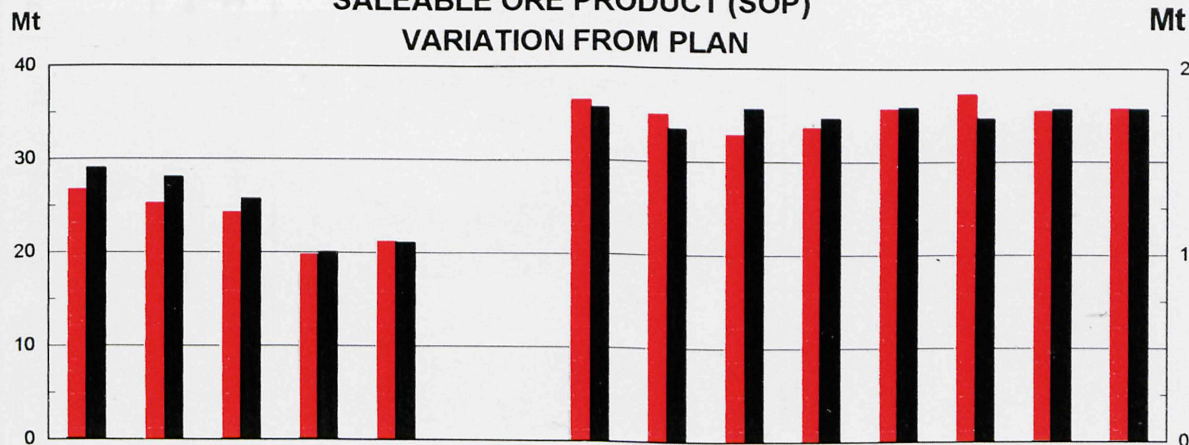
1. The left hand side shows the total tonnage mined from Tom Price for each year in millions of tonnes (Mt) compared to planned movement for that year.
2. The right hand side with the scale on the right hand side shows the total tonnage mined per month of 1996 in millions of tonnes (Mt) compared to planned movement for that month.

COMMENTS FOR AUGUST:

- The total tonnage mined from Tom Price in August, as can be seen on the far right hand side of the graph, was higher than planned movement. This is mainly due to a high waste and good high grade movement for the month.

TOM PRICE - AUGUST 1996

SALEABLE ORE PRODUCT (SOP) VARIATION FROM PLAN



The graph above is split into 2 portions:

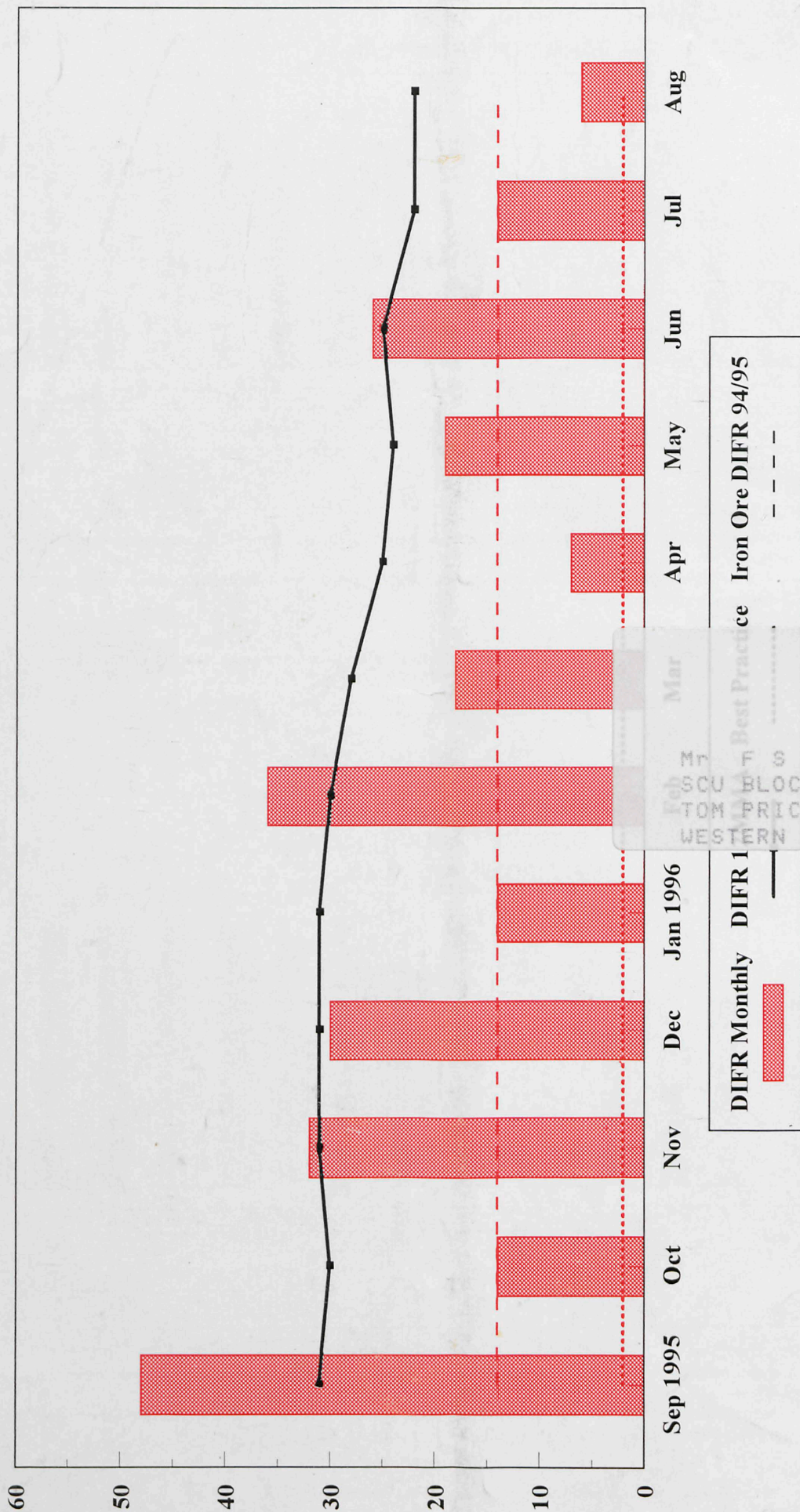
NOTE: 1996 YTD figures have been annualised.

1. The left hand side shows the total iron ore produced from Tom Price for each year in millions of tonnes (Mt) compared to planned production for that year.
2. The right hand side with the scale on the right hand side shows the total iron ore produced per month of 1996 in millions of tonnes (Mt) compared to planned production for that month.

COMMENTS FOR AUGUST:

- Iron Ore production for August was what was planned. Overall a good month for Tom Price.

Disabling Injury Frequency Rate



DIFR Monthly - Disabling Injury Frequency Rate Monthly. This is calculated using the numbers of DI's per million hours worked at Tom Price. This is an average DIFR for the last 12 months.

DIFR 12MMA - Disabling Injury Frequency Rate 12 Monthly Moving Average. This is the best practice DIFR for the world. This is the DIFR for the iron ore industry for the last 12 months.

Mr F S Richards
SCU BLOCK 6 ROOM 5
TOM PRICE
WESTERN AUSTRALIA 6751

POSTAGE F