

DON'T MISS AIMEX! AUGUST 29-31



Vol 1 No 11: August - September 2017

MINERS **TEAM UP**

YANCOAL AND GLENCORE HAVE JOINED FORCES IN THE ONGOING SAGA OF RIO TINTO'S COAL & ALLIED SALE.

Glencore was recently unsuccessful in its lastminute attempts to outbid Yancoal for the purchase of Rio Tinto's Coal & Allied assets which include HVO and MTW, but it wasn't the end for the mining giant. With Yancoal's purchase all set to go, Glencore has secured an agreement with them to take a 49 per cent interest in HVO and form a joint venture following completion of

Glencore released the news on July 27 that it will pay \$US1,139 million in cash to acquire 16.6 per cent of HVO from Yancoal, and the companies will work together to purchase Mitsubishi's 32.4 per cent interest in the operation to reach the 49 per cent stake.

Glencore said that the HVO JV will be jointly controlled by Glencore and Yancoal through a Glencore believes the deal will unlock mining and operating synergies for the company in the Hunter Valley.

"Glencore's combined portfolio of mines in the Hunter Valley, including HVO, will have production capacity of 69 million tonnes per annum of high quality energy coal to meet increasing Asian demand," the Glencore statement said.

Glencore will also buy \$US300 million worth of Yancoal shares in the upcoming capital raising it has planned to fund the Coal & Allied transaction.

The transaction will be funded from Glencore's existing cash resources and committed facilities and is subject to Glencore obtaining the necessary regulatory approvals. Glencore expects the transaction to close within six months.









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THIS EDITION MARKS THE END OF @ THE COALFACE'S FIRS WE TOOK A LOOK BACK AT ALL THE LAUGHTER. ALL THE TEA ALL THE SCREAMING...

It was an exciting year for mining in the Hunter, the best coal prices in years meant that there were many a smiling miner reaping the benefits. But there were also some hard losses as we said goodbye to Drayton and saw a few long-time suppliers close

Yancoal certainly had more than their share of cover pages with the Rio Tinto sale being in and out of the news since January, but now Glencore has stolen some of their limelight.

This year has seen us been thrown in, around and out of cars, planes and go karts, and has taken our worn-out

feet and overworked stomachs to many a new place to bring you the best food, activities and travel destinations. We hope you tried a few

But for us the best part of our jobs this year has been the people. Meeting you all and telling your stories is what makes us want to come to work every day, and this magazine wouldn't happen without your contribution. We thank each and every one of you.

Cheers to our first year and make sure you keep an eye out next month for some exciting new changes!



WORLD CLASS MINERS

IN THE HUNTER, COAL MINING IS MORE THAN JUST 'AN INDUSTRY'. AS WELL AS BEING THE BEDROCK OF THE LOCAL HUNTER ECONOMY, COAL MINING IN THE HUNTER INCLUDES THOUSANDS OF HARD WORKING MEN AND WOMEN WHO LIVE IN THE REGION AND CONTRIBUTE SO MUCH TO THEIR LOCAL COMMUNITY.

Coal mining in the Hunter also includes the people who work in nearly 4,000 local Hunter businesses who keep our local mines supplied with everything from computers to sandwiches to toolboxes and heavy machinery. Our industry is built on the hard work of people that are making great contributions to mining and the Hunter community

Like Newcastle Knights winger Nathan Ross, who effectively walked out of an underground mine and into a Knights jersey. Ross commented recently,

"Without mining I wouldn't have made it to Newcastle. I came down to Newcastle originally for the job in the mines and to play for a local league football team, so I guess I pretty much owe everything

Then there's the Marsh family where four generations of miners have worked underground in the Lower Hunter, starting in Wallsend in the 1800s.

And there's always new stories about people contributing to mining and our local community. People like 2017 Exceptional Young Woman in Mining award winner Chloe Piggford, who joined Glencore as a graduate in 2009 and by 2016 was promoted to Environment and Community Manager at Glencore's Integra mine.

Things are starting to look up for Hunter mining jobs. With the resurgence in coal prices and growing demand for our resources over the last 12 months, there has been an increase in confidence, and growth in local



coal mining employment. Coal Services figures show an increase of nearly 700 coal mining production jobs in the Hunter since the recovery in prices began to take hold in August last year. Across NSW, the nearly 20,000 coal production jobs recorded in April 2017 was the highest level since the end of 2015.

This increase in local coal mining jobs is extremely welcome. More local people working in coal mining means stronger local communities and a stronger NSW



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RECENTLY IN PARLIAMENT, WE SUCCESSFULLY PASSED CHANGES TO MINING LAW. THIS WILL REDUCE RED TAPE FOR MINING OPERATORS AND MAINTAIN NSW'S WORLD-LEADING ENVIRONMENTAL PROTECTION REQUIREMENTS.

Our laws should give us clarity and certainty. It's important the NSW mining industry is guided by clear legislation and policy that balances a safe, sustainable development

and productive sector.

As a result of these changes, we've streamlined the approval process for ancillary mining activities and cut the paperwork burden

for mining operators who used to apply for a mining title every time a supporting mining activity was required on site.

Ancillary activities are key to supporting mines. They are the facilities and infrastructure used to directly facilitate primary mining operations, such on site roads or railways used for transporting materials. They are crucial for a properly functioning and productive mining project. The new approval process allows mining operators to consolidate their rehabilitation obligations for multiple ancillary mining activities onto a single title.

Under the current framework, mining operators may be required to hold and manage the administration of a separate title for each ancillary mining activity that they rely on. This may be anywhere up to 20 titles, each incurring its own administrative cost and requiring significant time to manage.

NOW MINING OPERATORS CAN CONSOLIDATE MULTIPLE **ANCILLARY MINING ACTIVITIES** ON TO A SINGLE TITLE AND THEREFORE SIMPLIFY THE ADMINISTRATIVE REQUIREMENTS, AND REDUCE **COSTS AND RED TAPE FOR** INDUSTRY. THIS MEANS MORE MONEY TO SPEND IMPROVING OPERATIONS.

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King: How many volunteers do we have for my evil army? Squire: 384 my liege King: Ok, round them up Squire: 400 my liege

Environmental considerations will not be jeopardised due to the new approval process. All applications for ancillary mining activities will be subject to a full environmental assessment by the Division of Resources and Geoscience in my Department. Mining operators will still be required to provide assurances for land and water rehabilitation, to lessen any potential impacts of mining on the environment.

The NSW Government is improving these laws and regulations to ensure the best outcomes for the public and industry in terms of energy security, job opportunities and protection of the environment. Local communities and productive mining operations will continue to coexist with these laws providing a guiding framework.

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further in the mining industry."

His big win is also a big win for the mining industry as it shows the sort of talent and skills coming through into the industry, ensuring that mining continues to have a strong future here in the Hunter Valley.

"Hopefully stories like mine keeps the mining industry alive and shows what the job has to offer. I'd love to be in the industry, particularly in the Hunter, for many more years to come, so the more recognition the mining industry and related industries receive the better the outcome for

Just goes to show how hard work and having a go gets results. Well done, Ben!

CFMEU FIGHTS

PREVENTING THE ONGOING CASUALISATION OF OUR INDUSTRY IS A CAUSE THAT THE CFMEU WILL NOT STOP FIGHTING FOR.

And in a win for the CFMEU, the Fair Work Commission has rejected the application by a major employers group to extend the casual employment provisions in the Black Coal award to Production and Engineering Employees.

At present, the employment of casuals under the Award is restricted to the classification of Staff employees. In a move to spread casualisation to all employees throughout Australia's black coal industry, the Australian Industry Group took their fight to the Full Bench of the Fair Work Commission but were defeated by the strong case mounted by the CFMEU.

General Secretary Andrew Vickers welcomed the win. "This was an important battle to hold the line against the employer's drive to further casualise our coal industry but we can't afford to rest on its

"We know the employers will regroup and mount further challenges to our security of employment. We know they will try and attack the Award that underpins our basic and hardwon entitlements and conditions. But one thing that our membership can be sure of is that our Union will fight the employers attacks every inch of the way to protect our jobs, conditions and rights at work."

OF CASUALISATION IS ALSO **EVIDENT IN THE ONGOING** ROLLING STRIKES AT GLENCORE'S UPPER HUNTER MINES AS THEY CAMPAIGN FOR IMPROVED

The July meeting at Singleton Showground had 1,400 Members attend the meeting, which was a follow up to the one held in June were in excess of 1,000 miners were

The main common sticking points in the ongoing disputes according to the CFMEU are:

- Refusal for adequate Job Security Clauses - on the back of Glencore's ongoing campaign to replace permanent jobs with insecure contracting jobs at all sites.
- Requirement to have commitments to substantially limit the P&E workforce employed as casual contractors – i.e. permanent jobs for contractors.
- Improved redundancy provisions in line with other Operators. "These are the three key issues that are causing disruptions along with a number of other issues associated with each site that Glencore Management has refused to consider, for in some cases years. The Members have made it very clear that the current situation is unacceptable and the Members are prepared to stand up and do something about it", said





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Wambo underground mine.

"Working in the mining industry

of fun in doing so," says Ben. "I

know that working underground

isn't for everyone but to me that's

underground at Wambo has been

an awesome experience and the

company have offered me a lot

of support and made the last 4

years of my apprenticeship an

Ben also says it's the people in the

to work in. "The blokes you work

industry that makes it so enjoyable

with certainly shape your character and this for me is one of the best

unforgettable experience."

parts," says Ben.

what makes it so special. "Working

is great. It's a unique place to learn

your trade and I've had a great deal

'AVE A



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A blonde girl and her boyfriend are at a bar watching the news when a story comes on about a man standing on a bridge threatening to jump. The blonde says, "I bet you \$100 he doesn't jump."

Her boyfriend takes the bet and the man eventually jumps. After the blonde pays her boyfriend he admits to her, "I saw this on the news an hour ago, take your money back."

She replies, "I saw it too. I just never thought he would jump twice in one day!"

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6 AUGUST - SEPTEMBER 2017 @ THE COALFACE

@ THE COALFACE







TWO WELL-KNOWN AND RESPECTED MUSWELLBROOK MINING SUPPLIERS HAVE DECIDED TO GO FROM RUNNING A BUSINESS TO OWNING ONE BECAUSE THEY BELIEVE IN THE POTENTIAL OF OUR INDUSTRY.

Despite the many challenges and complexities that comes with doing business in the coal mining industry, these guys have decided to go for it. They are continuing on after corporate restructuring within their parent company saw a shift in focus away from Muswellbrook, despite successfully and profitably setting up and running the business.

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Jason Anderson and Grant Anderson (no relation) have worked hard for their place in the industry and community. Both long-term residents, they have run businesses and built their lives here. They own homes and investments here, they are raising their families here, they have friends here, they have a history here, and despite some tough times, it's a life worth fighting for.

Jason said, "Weighing up a new direction and the possibility of a move away, when push came to shove our ties to this industry and region convinced us this was a decision worth making. Personally and professionally it was an opportunity we realised we wanted to take to secure the futures of our families and a few of the people we work with. We believe in the future of the coal industry. @ The Coalface loves seeing the people we work with having a go and having worked with these guys for many years we are in no doubt they are in for a successful future - best of luck boys.









PUBLISHERS OPINION

IN LIGHT OF THIS BEING 12 MONTHS BACK IN BUSINESS FOR @ THE COALFACE, THIS MONTH I AM GOING TO SOUND LIKE AN INSURANCE SALESMAN, DOCTOR, PSYCHIATRIST AND FINANCIAL ADVISOR ALL ROLLED INTO ONE. AND AS I AM COMPLETELY UNQUALIFIED OR EVEN A GOOD ROLE MODEL IN ANY OF THESE CATEGORIES YOU SHOULD LISTEN CLOSELY TO THE ADVICE I HAVE TO GIVE.

Being ten foot tall and bullet proof, along with the gift of eternal life, I've always understood I have plenty of time to worry about the important stuff later in life.

AND THEN I REALIZED I AM NEARLY FIFTY EVEN THOUGH BEING 25 FELT LIKE IT WAS YESTERDAY -WHERE DID ALL THAT TIME GO?

Recently it has dawned on me that life passes by in the blink of an eye

yourself up for tough times. It might be the realisation that I will be 48 in less than a month and without sounding morbid, I'll most

and if you don't keep an eye on the

important stuff and have some kind

of future plan, then you are setting

likely shuffle off in somewhere between 20 and 40 years, sooner if I don't kick the fags.

So what am I not about to preach about here? I don't care if you are 25, 55 or at any other age in your life. Get some kind of plan going and no I don't think the first few below are much chop:

Option 1: Pray

Option 2: Go to the pub and drink yourself to death.

Option 3: Commit a not too heinous crime that will ensure you get a roof over your head and three square meals a day for life.

Option 4: Take control and action.

Taking control and action is possible at any stage in life, it really is. It might be and usually is that one thing leads to another and another and so on. So ask yourself 'What are the big challenges in life?' Write them down in biggest to smallest order. Health? Wealth? Happiness? What ever it is, even acknowledging it is a start many never make.

AND HERE IS THE BIG ONE! DON'T TACKLE IT ALONE.

Whatever the challenge, there people there to guide you and all you have to do is ask. So today is the day, go to the doctor, seek financial advice, talk to someone and make that decision that has been holding back your happiness.

Tackle the big stuff first and the smaller stuff should take care of itself. Life is short, live long.

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In the Hunter it is well known that the billions of dollars in infrastructure we have in and around our power stations is slated to be phased out starting just a few years from now. Why? Could our coal producers and biggest electricity users come together in a joint venture to fund and build a new High Efficiency Low Emissions (HELE) coal fired power station? Most

likely yes. GHD estimate a current

construction cost of \$2.2 billion for 1000 MW modern HELE or ultra super critical black coal plant based on savings accrued from utilising a brownfield site and sourcing specialised equipment from Asia. This demonstrates that HELE coal plants - which would have operating lives of several decades are viable and affordable options for replacing Australia's existing ageing coal fired power stations.

The report confirms that USC coal generation can deliver on the priorities of affordability, reliability and low emissions.

As an industry we not only understand this technology, we currently supply a large chuck of the best coal in the world to fuel these power stations in other parts of the world. So let's come together and build a power station that is the very best on the planet. One that shows just how well this technology

'AVE A



A dad buys a lie detector robot that slaps you if you lie. Dad: Son, where were you during school hours?

Son. At school. The robot slaps the son.

Son: Okay I was watching Kung Fu Panda! The robot slaps

Son: Okay I was watching violent movies!

Dad: What?! When I was your age I never watched those movies! The robot slaps the dad.

Mum: Haha, after all, he is your son. The robot slaps the mum....

works and how coal can be a part of the future. **IMAGINE IF EACH COAL**

COMPANY CONTRIBUTED BASED ON THEIR CURRENT COAL PRODUCING MARKET SHARE. BIG **POWER USERS, SUCH AS** TOMAGO ALUMINIUM, COULD ALSO TAKE A PIECE OF THE PROJECT AND CONTRIBUTE MONEY.

Our coal companies could reasonably recoup their investments through their proportionate supply of coal to power the station along with the enduring profit dividends they will receive through the sale of the electricity generated. Partner users like Tomago get the win of reliable

energy supply and most likely a net reduction in power costs when investment profits are taken into account.

Government could also chip in if the coal industry investment builds a case too compelling to dismiss. By this stage any shortfalls would most likely be met from international investment.

If we were to do this then the goal should not be to make it one of the best in the world, but the best in the world. Build it on a platform of constant innovation.

Take Australia from a catch up position to world leader and secure energy security. Just a thought.



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THIS MONTH THE WESTPAC RESCUE HELICOPTER SERVICE UNVEILED THE CLIFF MARSH OAM OPERATIONS ROOM AT THE OPENING OF THE NEW PURPOSE-BUILT AEROMEDICAL BASE AT BELMONT AIRPORT TO HONOUR THE CONTRIBUTION OF THE FORMER CHAIRMAN.

Cliff is no ordinary bloke and was a founding father of the Rescue Service before going on to become Chairman of the Board for 25 years from 1992 until his retirement earlier this year.

WRHS Chief Executive Officer Richard Jones said. "The Operations Room is where every mission starts and critical decisions are made, so it is very fitting that we name it in Cliff's honour.'

"IT HAS BEEN MY GREAT PRIVILEGE TO SERVE AS CHAIRMAN AND **DIRECTOR OF THIS SPECIAL ORGANISATION. I HAVE WORKED** WITH WONDERFUL DIRECTORS, MANAGEMENT, STAFF AND OUR **OUTSTANDING VOLUNTEERS OVER**

THE YEARS AND I BELIEVE OUR **COMMUNITY IS IN SAFE HANDS** MOVING FORWARD. I'LL ALSO BE FOREVER GRATEFUL FOR THE SUPPORT OF WESTPAC, AND AS A MINER MYSELF, THE OUTSTANDING **CONTRIBUTION THE MINING INDUSTRY HAS MADE TO THE** SERVICE," CLIFF SAID.

Cliff continued, "I cherish many memories, but those I am most fond of are the wonderful relationships and friendships. From day one, this service has been a community owned asset and the relationship we have with our community has been a most inspiring and important factor. Our Service simply wouldn't be what it is today without such loyal community

support," he said.

Mr. John Davis, his successor to the position of Chairman said, "This is a truly historic moment for Cliff and the Service. He has made a remarkable contribution which we will likely never see again."

To say his has been a life well lived is an understatement to say the least. In addition to the service, Cliff has an extensive history and experience in mine management, personnel management and training including 5 years as Personnel Manager, BHP Mines. A pretty full dance card and life in anyone's language.

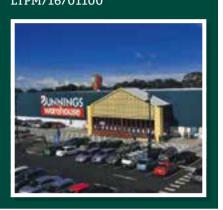
In Surf Lifesaving, he has given his all in competition, coaching,

BUNNINGS

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administration, team management and community special events management. His list of achievement is long; Life Member Swansea Belmont SLSC, Hunter Branch SLSA, Surf Life Saving NSW and Surf Life Saving Australia and is an inductee of Hunter Region Sporting Hall of Fame and Surf Life Saving Australia Hall of Fame.

CLIFF HAS PASSIONATELY FOUGHT TO IMPROVE THE STANDARDS OF AEROMEDICAL SEARCH, RESCUE AND INTER-HOSPITAL TRANSFER FOR COMMUNITIES THROUGHOUT **NORTHERN NSW.**

Now that Cliff has a bit more time on his hands he told @ The Coalface he will still be keeping busy fiddling around in the house and garden. Cliff's got 6 grandchildren to focus on also and they've even talked him into going snow skiing this year.

It goes without saying a few cold beers and Captain Morgan rums will be raised by Cliff to reflect on his amazing achievements. From every one of us...Cheers Cliff!



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WITH THE SUPPORT OF HIS FAMILY, DAMIEN QUIT HIS JOB AND STARTED AN ENVIRONMENTAL SCIENCE **DEGREE AT THE UNIVERSITY OF NEWCASTLE IN 2011.**

The decision came with its share of trepidation but Damien says he felt like he had to do it. "I was close to 40 and so I knew it was now or never. I was prepared to work hard because I knew there were no guarantees. But I also had faith in my abilities that things would work out okay."

Damien's dedication to his studies soon paid off and he caught the eye of Xstrata and was invited into their vacation student program. Damien knew this was his shot and he couldn't blow it so he put in long hours of study to make sure he received top marks. And at the end of his degree the now Glencore offered him a job on the Graduate program, and then a full

time role at Mangoola. Finally, Damien was right where he had always wanted

For the last few years Damien has been working on the benchmark rehabilitation program at Mangoola. Working on the rehabilitation of mined areas and the surrounding offset lands involves all the things that Damien has been passionate about since he was young. Although it's taken him all these years to get here, Damien says there's no better time.

"REHABILITATION OF MINED LANDS IS AN EXCITING FIELD TO BE IN RIGHT NOW. WITH THE EVOLVING SCIENCE AND RESEARCH, THE INDUSTRY IS NOW DOING REHABILITATION THAT IS OF MUCH HIGHER OUALITY THAN WHAT HAS BEEN DONE IN THE PAST AND EVERY DAY OUR STANDARDS ARE CONTINUING TO IMPROVE."

So far, Mangoola have completed 425

hectares of rehabilitated land since they began in 2011 and the work they are doing is not just meeting the industry standard. It's blowing that standard out of the water. But it's not without its share of hits and misses. Sometimes something is a clear success from the outset, but they've also trialed some things that haven't worked out. But Damien says they learn just as much from these and it all contributes to the final result.

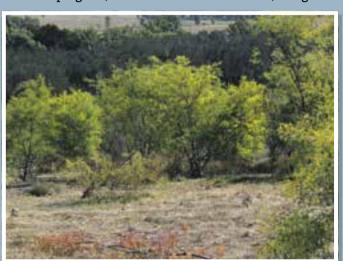
"We believe we've really raised the bar here at Mangoola and it is an effort that the entire mine has been a part of. All the departments from planning to surveying to mining, plus the management and the contractors, all work together and all of us are proud of what we've achieved. Working with these great people who care about what we are doing is just one more reason I love to come to work each day."

But what does he love the most? Hands down it's getting to spend time out in the field where there's always something different to do. "One day I might be out supervising habitat tree felling and catching lace monitors and possums to release into our offset areas. The next day I'm overseeing the handplanting or sourcing of seeds with our contractors. And then the day after might see me taking some school kids or mine reps through to share the work we've done. Not a bad way to spend your day if you ask me."

DAMIEN SAYS THAT HE FINDS ALL HIS WORK REWARDING, BUT SOMETIMES IT'S THE SMALL THINGS THAT GIVE HIM THE MOST SATISFACTION.

"I'll be out in our rehab areas and see the ground orchids flowering. These are a threatened species that we've salvaged and translocated and we didn't know if it would work or not until we tried. Or I'll be out doing weed inspections and see mobs of wallabies, bronze wing pigeons nesting and wedge tailed eagles soaring overhead. Things like this are proof that we're doing it right in rehabilitation."

Damien says that at the end of the day he now comes home from work and is proud to share what he's done with his family and friends. "It's a great feeling working at a mine that has such a strong focus on the quality of their mine rehabilitation. At the end of the day I can honestly say I'm contributing towards leaving a better legacy for the future. For me, work doesn't get much better than that."







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WHAT'S NEW AT



@ THE COALFACE CAUGHT UP WITH AIMEX EVENT DIRECTOR BRANDON WARD TO HEAR ABOUT THE NEW TECHNOLOGIES THAT WILL BE SHOWCASED ON THE FLOOR THIS YEAR.

companies are set to showcase their products and services at AIMEX, including GM Holden, APC Technology, Winder, Siemag, MTG, Nautitech, Airbus Defence and Space, IFM Efector, Insitu Pacific, and Austdac Pty Ltd.

"From mining and extracting and materials handling, to automation and minerals processing, the AIMEX exhibition floor offers an unparalleled opportunity for visitors to connect and interact with companies and their products." Brandon said. "We have companies showcasing the very latest technologies and I'll let you in on a few that you don't want to miss checking out this year."

RENISHAW will showcase its new Void Scanner which is designed to produce fast, accurate 3D laser scans of underground voids as well as its Boretrak, which enables users to measure and audit borehole

This year more than 300 exhibiting deviation from proposed designs to enable informed decisions to optimise blasts.

> **HEDWELD ENGINEERING** will showcase its Trilift® range of component handling equipment and Safe-Away® range of Ladder

and Stair Access Systems.

TOMRA SORTING MINING will be launching its brand new multi-channel laser sorting technology which will unlock new opportunities for quartz and gold processing and sorting.

GLOBAL PUMPS will have the Verderflex VF Series peristaltic hose pump on display.

DAVIES WEAR PLATE SYSTEMS will be launching their new wear side only attachment system.

So get yourself to the Sydney Showgrounds from August 29 -31 where you will see firsthand the innovative and cutting edge technology that is helping to shape the future of our industry.





EVER DESIGNED A ONE-OFF TOOL THAT'S BLOODY USEFUL IN YOUR WORKSHOP BUT POOR IN TERMS OF ENGINEERED DESIGN AND BUILD? WELL HUNTER ENGINEERING INNOVATION HAS STEPPED UP TO THE PLATE TO TAKE YOUR IDEAS TO THE NEXT LEVEL.

For a long time, Quarry Mining has had qualified in-house engineers focused on the design and quality control of their manufactured products. Recently Quarry made the decision to take their skills to market and establish a "Design and Create Centre". With a "no job too small or too tricky" approach, they are now undertaking

the design and build of bespoke tools that have until now been the bane of many people's existence to get made.

DO YOU HAVE A TOOL THAT IS MOCKED UP OR IS A BIT OF A "BACKYARD **IOB" BUT IS REALLY ONE OF** THE HANDIEST THINGS IN THE YARD?

Most likely, it is not fit for purpose and does not have the engineering design, plant safety files or introductions to site that it should in our modern workplace.

Using their CAD modelling and design software and 3D printing capabilities Quarry can now provide certified designs and prototypes in a cost-effective way, eliminating the need for many costly manufacturing RISK AND PLANT OPERATOR TRAINING WHICH INCLUDES THEIR WORK SAFELY AT HEIGHTS COURSE. Limit of one entry

LTPM/16/01100

Make sure you know the correct procedures, potential per person. hazards and equipment required for any at heights work – including getting up on the roof to reclaim those lost frisbees.

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and fabricating iterations. Once the solution is tailored (i.e. 3D printed) just right, engineers team up with the workshop and begin to fabricate. Once the tool is ready for testing, site trials can be done with their engineers and trades team, and that includes a qualified safety person who can deliver all the documents you need to implement a new tool seamlessly into the workplace.

The idea is that having the ability to design,

build and test, small but challenging projects like these in-house, will save their clients the significant time and trouble it takes to engage, manage and bridge the communication gap between different design consultants and fabrication work companies.

Hunter innovation has always been alive and well at Quarry and this latest initiative is testament to their belief in the ability and future of Hunter manufacturing as well.



@ THE COALFACE

KEEPING THE LIGHTS ON

No do son of State sum in who win with the day and the end elee In Vi

SFF UPPER HUNTER

No matter what the sun or wind does today, NSW will import somewhere between 10% and 20% of its electricity from another State, probably Queensland. This summer when peak demand arrives in February, no one is really sure whether we will make it through without load shedding.

We live in an electric world where civilisation is made possible by the reliable supply of power. Every day, new housing, new business and new people arrive adding to the demand. A State that exports energy is now a beggar at the electricity table.

In a few short years, NSW like
Victoria is scheduled to close some
of its baseload coal fired power
stations, some of which are not
just old enough to vote, but
they could hold Seniors cards.

PERHAPS THERE IS A
FUTURE WITH ZERO
EMISSIONS POWER
GENERATION, BUT IT IS
DECADES AWAY AND
WE HAVE TO KEEP
THE LIGHTS ON UNTIL
THEN. NO OTHER
TECHNOLOGY
OFFERS BASELOAD
POWER SUPPLY
WITH GUARANTEED

MEET JOHN PRESTON, UPPER HUNTER PARTY CANDIDATE FROM THE SHOOTERS, FISHERS AND FARMERS PARTY AND HEAR HIS VIEW ON THE FUTURE OF COAL IN THE HUNTER.

PERFORMANCE. COAL FIRED POWER IS IT.

The Hunter is the beating heart of power generation in NSW and has all the comparative advantage in remaining so with the infrastructure, supply chain and skills base. To turn our backs on that would be the greatest act of commercial vandalism in the history of not just this state but the entire country.

Whilst everyone is reading reports or writing them, our position on this matter is clear. We will insist on power generation remaining in the Hunter. That is its natural home in NSW and the public interest demands it. We have the best lignite coal, best people and best infrastructure.

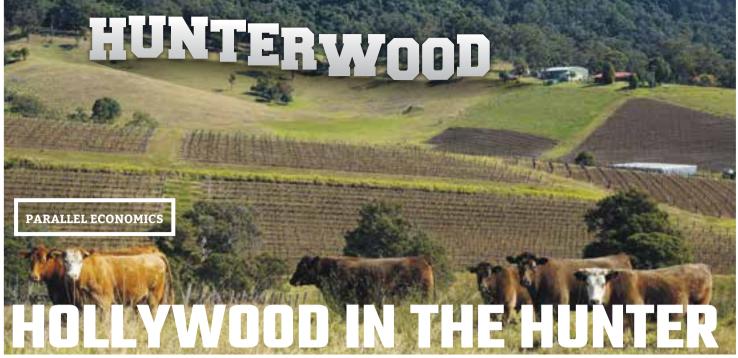
We maintain that the needs of NSW base load power is best met with coal fired power, and that will require new generation capacity to be constructed with the latest technology for efficiency and pollution reduction.

I have seen no business case to

support the proposition that this is not viable in NSW. What I can tell you that today as you use electricity, some of the demand is being met by the four super critical power stations constructed in QLD and they seem to be as profitable as they ever were. If there is some magic that makes a power stations viable north of the border but a failure south of it, I don't know what it is

I do have a more plausible explanation. Someone needs to make a decision. We have. We will support coal power generation for the Hunter come what may. The easiest excuse for Governments is to offer a lack of resources, money or to ask everyone to wait for the next report from the next expert, or to be patient while the cost of renewables falls whilst your electricity bill rises.

When a Government, like you and me, really wants to do something, they find the time, the money or the political will. For me, there is no soul searching. I am with coal power generation in the Hunter.



LIGHTS, CAMERA ACTION! AUSTRALIA IS WELL KNOWN FOR PUNCHING ABOVE ITS WEIGHT, AND SUCCEEDING ON THE BIG SCREEN AND BEHIND THE CAMERA IN HOLLYWOOD. SO, PUTTING THE STAR STRUCK RAZZLE DAZZLE ASIDE FOR A MOMENT, IT'S NOT A HUGE STRETCH FOR US TO CREATE AN INTERNATIONALLY RENOWNED CENTRE FOR MOVIE PRODUCTION ON A MINE SITE IN THE HUNTER.

Somewhere out Bulga Mt Thorley way would be
the perfect spot. Think
for a minute just how
many large tracts of
underutilised land are
sitting on mine sites right
now. Now think for a
minute how much world
class accommodation,

facilities and skilled labour lie within our community.

Proximity to Sydney, a reasonable airport at Cessnock, a ton of accommodation in Pokolbin – all the necessary supporting infrastructure and a lot of talent is already in place to create a worldfamous movie mecca that the film industry would take seriously.

IT'S OUR GUESS THAT
BUILDING BIG SHEDS
FOR MINE MAINTENANCE
WOULDN'T BE HUGELY
DIFFERENT TO BUILDING

BENEFITS IT COULD DELIVER
TO OUR WINE MAKING AND
TOURISM NEIGHBOURS,
COEXISTENCE HAS NEVER
LOOKED BETTER.
I known people will think

I known people will think of this idea as somewhat fanciful, but in reality it isn't. A few conversations in the right ears and with the right people and an idea like this could be on the table faster than the next Fast and the Furious script. They have to do it somewhere so why not here

I have a long-lost relative on my dad's side called Bruce Davey, he's the business partner of a young bloke called Mel Gibson. Together they have made a few reasonably successful little home movies including Braveheart and more recently Hacksaw Ridge. I should try and track down his number. They are both ordinary Aussies who have proven this kind of big thinking can work. Many others would have plenty of direct contacts as well and the Government could easily get it on the table as well.

HUGE SHEDS, OR STUDIOS

AS THEY CALL THEM

IN HOLLYWOOD, TO

CREATE BIG BUDGET

Put all this in the context

of available land and a lot

of outdoor shooting would

as well. Given that a small

easily be accommodated

movie costs in the tens

of millions and a big one

in the hundreds or more,

that cash being invested

here wouldn't be such a

bad idea.

having a big chunk of

BLOCKBUSTERS.

"AND THE ACADEMY
AWARD FOR BEST PLACE TO
MAKE A MOVIE GOES TO....
THE HUNTER!"





18 AUGUST - SEPTEMBER 2017 | @ THE COALFACE



WHO WILL BE **CROWNED AT CROWNE?**

THE 2017 NSW MINERALS COUNCIL HEALTH, SAFETY, ENVIRONMENT AND COMMUNITY EXCELLENCE AWARD FINALISTS HAVE BEEN ANNOUNCED AND ANTICIPATION IS BUILDING TO SEE WHO WILL BE CROWNED THE WINNER AT CROWNE PLAZA ON MONDAY AUGUST 14.

The Awards Dinner is just one of the many events that make up the 2017 NSW Mining HSEC Conference. It's a busy three days on August 14, 15 and 16, with a jam-packed conference program where industry leaders, senior government representatives and HSEC professionals share

their wealth of knowledge and industry insights.

The Exhibitors trade hall is opened on the Monday and Tuesday and is a great networking opportunity for the 500 delegates expected to attend. But the showcase event is the

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ROBERT'S MEATS

Awards Dinner which acknowledges those in our industry who have shown innovation and excellence in 'workers health', 'mine safety', 'environmental sustainability' or 'community engagement'.

"Our awards entrants were all of a very high calibre, demonstrating mining's commitment to innovative approaches to solving problems

and the pursuit of excellence," NSW Minerals Council CEO Stephen Galilee said.

"These awards are an important part of our industry's continuous improvement and will deliver better outcomes for our workforce and local communities. Congratulations to all of our awards finalists for 2017."

Finalists - Health Excellence

Newcastle Coal Infrastructure Group (NCIG): NCIG **Bounce Program**

Coal & Allied and Coal Services Health: Seat Weight Limit Project

Finalists - Safety Excellence Evolution - Cowal Gold Mine: Project Arrive Alive

Centennial Coal - Myuna Colliery: Myuna Save Our Cables Program

Finalists -**Environment Excellence**

Newcastle Coal Infrastructure Group: NCIG Offset Delivery Peabody Energy Australia: **Current Rehabilitation Practices** at Wilpinjong Coal Mine

Finalists - Community Excellence Rio Tinto Coal & Allied:

Enterprise Facilitation Evolution Mining, Cowal Gold Operation (Cowal): Project Bridge

MINE MUSE

WHEN YOU THINK OF MINE SITES YOU DON'T OFTEN IMAGINE THEM AS BEING THE INSPIRATION FOR ARTISTS AND WRITERS. WELL THINK AGAIN.

Recently the Newcastle **University Gallery** showcased the exhibition of Penny Dunstan titled Shadowlands II. Penny's exhibition is a set of works showing the transformation of landscapes by open-cut mining in the Upper Hunter.

Using drawing, photography, soils and collected artefacts, Penny's says her work is about the process of

reintegrating rehabilitated land through human imagination and bringing together art and science.

Penny's 2-year PhD research project was only made possible due to the Bloomfield Group opening their doors for her and allowing Penny access to Rix's Creek Mine. "I can't thank Bloomfield enough for

THIS IS NOT THE FIRST TIME

Linda Greedy showed her exhibition at Maitland Regional Art Gallery. Her exhibition showcased the colour and beauty of Rix's this family operated mine.

Author and Historian



A LUCKY READER WILL HAVE THE CHANCE TO CHECK OUT TO THE BIG SCREEN AS WE ARE GIVING AWAY A \$100 EVENT CINEMAS GIFT VOUCHER.

Takes the mates to watch the latest action flick in VMAX, or if you prefer, step it up a notch in gold class and watch, wine and dine without any annoying distractions!

For your chance to win, simply SMS: CINEMA and your email address to 0438 474 290.

Limit of one entry per person. LTPM/16/01100

so generously allowing me access to Rix's Creek Mine. I especially want to thank John Hindmarsh for giving me the freedom to explore and for always welcoming me back again and again. This would not be possible without them." Penny said.

THAT BLOOMFIELD HAS SHARED THEIR STORY OR **OPENED THEIR DOORS TO** THE ARTISTIC COMMUNITY.

Late last year, artist Creek mine and the spirit of community, friendship and family that is prevalent at

Rosemary Melville best shared the 80 years of Bloomfield's history with her book titled The Bloomfield Story: Mining Memories. It tells the story of Bloomfield's ability to survive and prosper by working together as a family and the contribution they have made to Hunter mining over the years.

While many companies keep their mines sites under lock and key, the openness of the Bloomfield Group is refreshing and allows art and mining to come together in a way we don't often get to see.

And who's to says art and mining don't belong together? Even our Minister for Resources Don Harwin is proof that art and mining can be brought together, as he also happens to be Minister for the Arts.



WHYTE-HALL MINING EQUIPMENT was established in Australia in 1946 and has become a respected brand firmly entrenched as a supplier of ground support equipment for Australia's major coal mines.

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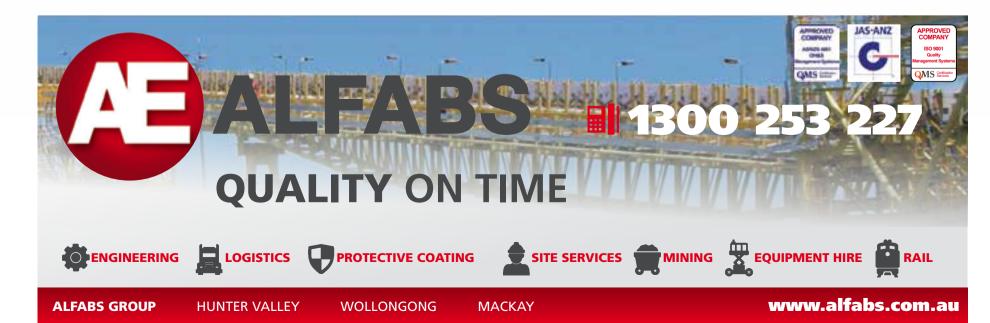
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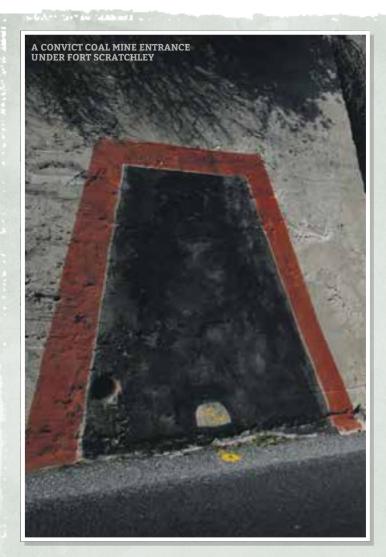






HISTORY @ THE COALFACE

COMMUNITY @ THE COALFACE



CONVICT COAL

166,000 CONVICTS WERE TRANSPORTED TO AUSTRALIA IN THE EARLY DAYS OF SETTLEMENT, SO IT'S NO SURPRISE THAT CONVICTS PLAYED AN INSTRUMENTAL PART IN THE FORMATION OF THE HUNTER COAL INDUSTRY.

The first recording of the discovery of coal in Australia was by a group of escaped convicts in 1791 as they were travelling from Port Jackson. The convicts were led by William and Mary Bryant and the coal was discovered near Newcastle though the actual location is unknown. Mary Bryant is given credit for being the first white woman to cook with Australian coal. No record of what she cooked exists though our bet is it was used for a sausage sizzle.

In 1797, Lieutenant John Shortland was sent north to recapture a party of escaped convicts. On his return, he entered a river which he then named the Hunter River after the New South Wales' Governor, John Hunter. Coal was found in abundance in the area and with the river offering easy access it became the perfect location to begin extracting and exporting coal.

By the turn of the century the mouth of the Hunter



River was being visited by diverse groups, including coal diggers, timber-cutters and escaped convicts. Enterprising traders were taking coal to export to Sydney but only a small amount of coal mining was being conducted by the Government. The lengthy delays of contact between the colony and Britain meant that it took two years after Shortland's discovery before the first official coal export.

IN 1799, COAL MINED
USING CONVICT LABOUR
WAS SHIPPED TO BENGAL
AND BECAME THE FIRST
MINERAL EXPORTED
FROM AUSTRALIA.

This indifferent approach to mining all changed in 1800 when Governor Philip King arrived in New South Wales. He planned to exploit the various coal discoveries that had been made and start exporting the coal on a large scale. He issued a General Order declaring all the coal to be exclusive property of the crown and forbidding private parties from mining. In 1801, a convict camp called King's Town

was established to mine coal and cut timber, though the settlement closed less than a year later. Evidence suggests this was due to a failure in management of the convicts.

The easily accessible

coal at the Hunter River was mined haphazardly until 1804. In that year, a rebellion by convicts at Castle Hill caused Governor King to set up a permanent settlement to hold desperate, dangerous or recalcitrant convicts. The settlement was named Coal River, also Kingstown and then renamed Newcastle, after England's famous coal port and was to become the centre for development of the coal trade.

NEWCASTLE GAINED
A REPUTATION AS A
"HELLHOLE" AS IT WAS A
PLACE WHERE THE MOST
DANGEROUS CONVICTS
WERE SENT TO DIG IN THE
COAL MINES AS HARSH
PUNISHMENT FOR THEIR
CRIMES. AS A PENAL
COLONY, THE MILITARY
RULE WAS HARSH
AND PUNISHMENTS
WERE SEVERE.

Military rule in Newcastle ended in 1823. After removal of the last convicts in 1823, the town was freed from the infamous influence of the penal law and not long after the government allowed private companies to commence mining operations.

'AVE A



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Three vampires walk into a bar. The first one says, "I'll have a

pint of blood."

The second one says, "I'll have one, too."

The third one says, "I'll have a pint of plasma."

The bartender says, "So, that'll be two Bloods and a Blood Lite?"





CELEBRATING LOCAL PARTNERSHIPS

RIO TINTO HAS CELEBRATED THE SUCCESS OF ITS COMMUNITY PARTNERSHIPS WITH AN EVENT HELD AT THE SINGLETON RUGBY CLUB ON JULY 27.

The evening brought together more than 100 people in acknowledgement of their contribution to building a strong and sustainable community in the Hunter Valley.

Rio Tinto Coal Australia (RTCA) managing director Sinead Kaufman said the partnerships were essential to driving the development of the region.

"We are proud that for almost 20 years our Rio Tinto Hunter Valley Community Development Fund (CDF) has invested over \$15 million to support more than 120 projects in the Hunter Valley across the areas of health, education, environment and economic development. We could not achieve these great outcomes without the support of our dedicated and valued partners and we are delighted to recognise their hard work with this event," Sinead said.

THE EVENT WAS ATTENDED BY NUMEROUS PARTNERS WHO TOOK THE OPPORTUNITY TO THANK RIO TINTO FOR THEIR ONGOING SPONSORSHIP WHICH HAS PROVIDED LONG-LASTING BENEFITS TO THE COMMUNITY.

Outward Bound Australia business development director

Eva Breidenbach spoke warmly of working in partnership with the company.

"Rio Tinto has enabled Outward Bound to offer scholarships to children in the Hunter Valley by funding their fees and transportation to the Tweed Valley to participate in our programs. We are delighted to have the opportunity to open up new experiences for local children," Eva said.

Rio Tinto Scholarship Program recipients Nicholas and Jackson Hough attended the event. Both are now students at the University of Newcastle with Nicholas studying Chemical Engineering and Jackson undertaking a degree in a Mechatronic Engineering.

"The program has provided great support to both of us. I'm in my fourth year of study and Nicholas is in his second. The scholarships have helped us cover a lot of costs, particularly travel, to attend university." Jackson said.

Other partners in attendance on the night included the Richmond Vale Railway Museum, Cancer Council, Sirolli Institute, Singleton Australian Rules Football Club and Singleton Golf Club.



ESTABLISHED SINCE 1974





22 AUGUST - SEPTEMBER 2017 | @ THE COALFACE

COMMUNITY @ THE COALFACE COMMUNITY @ THE COALFACE

COMMUNITY GIFT -HOLES 4 HOSPITALS

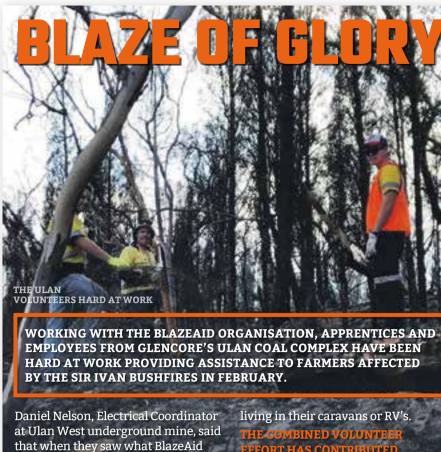
THIS YEARS ANNUAL HOLES **4 HOSPITALS CHARITY GOLF DAY WAS A HUGE SUCCESS RAISING OVER \$40,000 FOR** SINGLETON HOSPITAL.

The funds go towards much needed diagnostic and treatment equipment that will help save lives.

Because every dollar makes a difference we are sending this month's \$500 community gift their way.







was doing to assist our local farmers and give them a glimpse of hope, everyone wanted to chip in and help.

"We initially went to visit the BlazeAid base camp at Dunedoo Showground to find out more information and how we could best help. The 4th Year apprentices discussed ideas on how they could give back and donate their own time to make a difference. The decision was made to camp at Dunedoo and go out with BlazeAid to remove and rebuild burnt out fencing."

In addition to the apprentices, volunteers from staff also spent a night camping out and a day of work with the apprentices. Each night they would pull out the swags and join the BlazeAid volunteers, most of whom were retirees from all around the country working 6 days a week while

"It is a truly great organisation and after talking to the farmers, the hope and support this assistance is giving farmers who've lost so much is heart warming." Daniel said.

Since then, Ulan has continued to support BlazeAid with their latest donation being the delivery of a semi-trailer full of steel pipes (almost 1km of them) and the same amount of conveyor belting for use in the recovery effort. The steel pipes will be cut up and used as straining posts in the new fencing





THANKS TO GLENCORE'S BULGA COAL, BROKE PUBLIC SCHOOL'S EATING AREA TURNED INTO A SMORGASBORD OF IMPROVEMENTS RECENTLY.

Broke Public School had a small request, asking Glencore's Bulga Coal

for assistance with some additional tables. It wasn't long before a team of Bulga

employees and apprentices as well as builders from **ECH Maintenance got** together and a schoolyard blitz was underway. The team got busy

installing new table seating and benches provided by Glencore and the school's P&C, renovating the area with fresh paint and new roofing panels, topping up the sand pit, rebuilding garden beds and laying down a concrete slab for use as a giant chess game. "With enrolments at 85 this year, the school had really outgrown existing arrangements in the eating area, which contained

three tables that we'd installed for them back in 2013," project coordinator Teegan Hayward said. "But we thought that putting in some extra tables wasn't much of a working bee, so we included a number of other projects the school had on its wish list and the kids were delighted with the outcome."



T'S SPECTACULA

SINGLETON SHOWGROUND IS THE PLACE TO BE ON SATURDAY AUGUST 19 FOR THE SINGLETON CULTURAL SPECTACULAR.

This free family friendly event is an initiative of MACH Energy's Aboriginal

Community Development Fund and will showcase Aboriginal culture and

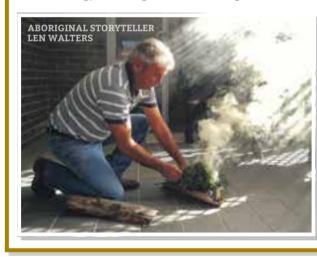
tradition at its very best. Aunty Jean Hands is a member of the Aboriginal **Community Development** Fund and Chair of the Northern Region Aboriginal Alliance and says that the Spectacular is a highly anticipated event on the community calendar.

"It's great to see MACH Energy give back to the community by supporting this event. Mines are perceived as always taking resources, people forget that companies like MACH

Energy also give a lot back to the community." Aunty Jean said. With free entry from 2pm, attendees will be able to enjoy cultural workshops, cooking demonstrations, market stalls, rides, performances and enjoy some

traditional bush tucker. There will be live performances from Radical Son David Leha and Voice Contestant Loran Ryan. Aboriginal storyteller Len Waters will be there sharing his knowledge of Kamilaroi astronomy which holds a special place in Aboriginal navigation, storytelling and spirituality.

Jean said they were looking forward to welcoming everyone from the community. "We hope to teach people about our culture with things like basket weaving and food. I'm really looking forward to the Len Walters astronomy talks which will be a highlight of the event. And of course, you don't want to miss the fireworks as they are going to be a show stopper."





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HEALTH @ THE COALFACE SAFETY @ THE COALFACE

WAMBO WINS AGAIN

FOR THE 9TH YEAR IN A ROW THE TEAM OF BRIGADESMEN FROM PEABODY'S WAMBO UNDERGROUND HAVE TAKEN HOME THE WIN IN THE **HUNTER VALLEY MINES RESCUE COMPETITION.**

Six teams competed on July 21 at Glencore's Bulga Underground Mine with the winner of the event progressing to the Australian Mines Rescue Competition. The Wambo boys are seasoned competitors, having already represented Australia in two International Mines Rescue competitions, which are held every two years. It is the dedication and commitment of the Wambo team that allows them to

continue to win each year,

each other's strengths and

and their knowledge of

weaknesses that comes from their familiarity as a team.

Whitehaven's Narrabri team came in a close second and the near miss has only made them more determined to succeed next year. All the teams are now adamant to quash Wambo's winning streak.

Brigadesmen spend many hours training and preparing for the challenges that they will face throughout the annual competition. This year's scenarios included underground search and rescue exercises involving

multiple casualties. The brigadesmen were required to work as a team, in

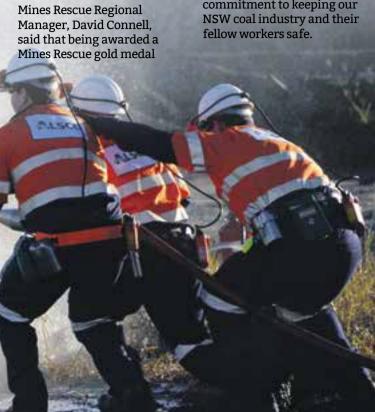
challenging situations under duress, wearing full breathing apparatus. The teams also worked

through a series of surface based exercises including firefighting, first aid and a theory based test of their knowledge. All these activities culminate to provide the teams with realistic emergency challenges to hone and refine their preparedness skills.

The intention is to ens these scenarios put the under pressure, simula conditions as close to the real thing as possible. THE DAY ALSO SAW CRAIG

BATES AND MATT BAILEY RECOGNISED FOR THEIR 25 YEARS OF SERVICE. THIS MARKS THEIR TREMENDOUS DEDICATION TO MINES RESCUE, AND TH **OCCASION WAS REWARD**

is a significant milestone and a testament to both Craig and Matt's exceptional commitment to keeping our NSW coal industry and their

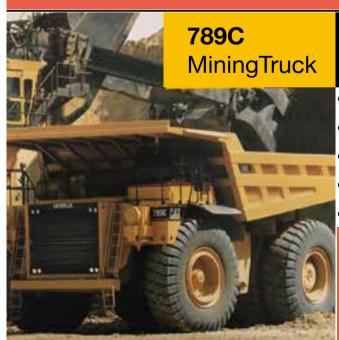


ONE OF THE MINES

RESCUE COMMUNITY'S

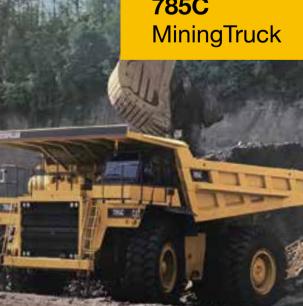
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All units are located in North Queensland, Australia

For full details & tender documents go to www.shinpacific.net

TENDER CLOSES AT 3pm FRIDAY 15 SEPTEMBER, 2017



FED UP MINERS

EVERY DAY WE ARE BOMBARDED WITH INFORMATION ON WHAT WE ARE SUPPOSED TO BE EATING. IT'S NO WONDER THAT MOST OF US END UP EATING TOO MUCH. SO WHAT'S A MINER MEANT TO **PUT IN THEIR GOB?**

Eat more protein supplements! Grains will keep you healthy! Antioxidants will make you live longer! Dairy will give you strong bones! Don't forget your seven serves of vegetables every day! Thanks to some very clever marketing, commonplace foods are now often imbued with magical properties that will make you thinner, stronger, smarter and even stop you aging.

IT'S EASY TO FORGET THE SIMPLE **FACT THAT FOOD IS FUEL.**

We don't keep trying to pour petrol into a full tank yet most of us have no problem doing so when it comes to fueling ourselves. Our bodies only require a small amount of food to properly function and a problem with trying to meet all the so called 'daily requirements' is that it will lead to consuming way more calories than what you actually need.

The food pyramid is a handy tool for showing what types of food you should eat, but where it fails is it almost impossible to have an enjoyable food lifestyle without going well over in certain food groups each day.

For example, if you have a delicious bowl of pasta for lunch you'll likely exceed your daily carbohydrates. And when you still eat your required serves of

protein and dairy then you cannot avoid eating more than you need. This leads to being chronically overnourished. Or more simply put, being a fatty.

NEW STUDIES INTO DIETARY HEALTH SPANS ARE SUGGESTING WE LOOK AT OUR FOOD INTAKE **OVER OUR LIFETIME AND** STOP FOCUSING ON FOOD INTAKE DAILY.

Look at what you are having over the period of a week or a month and assess whether you are meeting nutritional needs and then try finding ways to reduce your overall intake. There is no law saying you must have your meat and vegetables for dinner. You could have a bowl of vegetables one night and a steak the next. Had a milkshake? Eat your cereal dry for the next few days.

Too busy to eat lunch? Well that's not a bad thing, studies into intermittent fasting are showing promising results with weight loss and metabolic improvements, including loss of fat mass, blood pressure, glycemic control and markers of cardiovascular

Stop thinking about what you should eat and start thinking about what you don't need to eat. After all summer bodies are made in the winter!

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'AVE A LAUGH WITH

A burglar breaks into a house and while he's searching for valuables he hears "Jesus is watching you." He looks around but only sees a parrot in the corner.

He walks up to the parrot and asks, "Are you the little guy who was talking to me?"



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The parrot says "Yes, my name is Ronald.'

The burglar laughs and says, "What kind of idiot gives a parrot a stupid name like that."

The parrot laughs and says, "The same idiot who named his Pitbull Jesus."

GOOD STUFF @ THE COALFACE GOOD STUFF @ THE COALFACE

MUD ON THE TYRES THIS RUSSIAN 2X2 TWO-WHEEL DRIVE OFF-ROADER BLAZES A TRAIL WITH ITS 210CC HONDA FOUR-STROKE ENGINE. likes rocks and logs. Best of all, This little mud-plugger looks like a whole lot of fun. It weighs 93kg this is a 'folding' motorcycle that dry and it can hit 35km/h, but can be disassembled and stowed with those massive balloon tyres in your car's boot in just five and drive fed to both ends, it really comes into its own in deep mud or snow, or when tackling obstacles



cool toy...

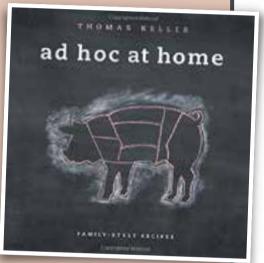
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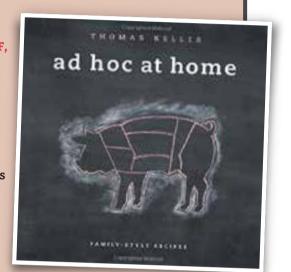
REAL BLOKES COOK

THE MISSUS BY COOKING UP A STORM, THANKS TO MASTER CHEF,

feet and it's cold resistant material

Ad Hoc at Home - a cookbook inspired by the menu of his casual restaurant Ad Hoc in Yountville showcases more than 200 recipes for family-style meals. Serving up such truck-stop classics as Potato Hash with Bacon and Melted Onions and grilled-cheese sandwiches. The book gives step-by-step lessons in kitchen basics and is filled with quick and easy recipes for American comfort-food classics. bookdepository.com.au











SPORT @ THE COALFACE SPORT @ THE COALFACE



MINING SPORTING SUCCESS

LOCAL LAD, LUKE REES IS HUNTER RUGBY'S RISING STAR, A MINING SUCCESS ON AND OFF THE FIELD.

When, apprentice plant mechanic Luke Rees converted his sporting talents from league to union his success on and off the field took on 'colt' status. Luke has just returned from repping NSW in U19's

Country Rugby where he vice captained the Country Cockatoo Colts squad that beat those barbarian's north of the wall, QLD Country.

"We had a training camp in Sydney and a trial match against the NSW

game. We ended up with a penalty right on full time, so our halfback stepped up and nailed the conversion to take us to a 23-20 win. It was great campaign with the Squad and I was proud of everyone's efforts over the two camps.' **LUKE PLAYS FIVE-EIGHT**

Luke. "It was a very close

FOR THE MAITLAND BLACKS WHO ARE ON TRACK FOR ANOTHER SUCCESSFUL SEASON, BUT HE SAYS PLAYING U19S RUGBY FOR NSW WAS A PROUD MILESTONE IN HIS BRIEF RUGBY CAREER.

"It's a real honour to play for such a good team with so many highquality players from the bush," says Luke. "I was very proud of myself to get selected and to also be named as vice-captain of the squad which was a great achievement for myself."

When he's not kicking goals on the footy field, Luke's working just as hard on his apprenticeship with Glencore, at

the open-cut Ravensworth mine. Liddell Coal.

"It's only my first year, but my apprenticeship is going really well," says Luke. "I've already learnt so much from the camaraderie of all the people within the industry. The support and knowledge that's been shown to me inspires me and encourages me to succeed off the field as well."

So, will we ever see Luke Rees pull on a Wallabies jumper? "I'd love to play for the Wallabies, one day. That's the dream. But, I know I still have a very long way to go."





Waratahs Gen Blue Under 19

Side, which was great for our

lead up to the game against

QLD Country," Luke tells @

"We won one game against

the Waratahs and lost

one, which was a pretty

big effort. A month later

Newcastle for the inaugural

Country match," continues

we assembled again in

NSW Country vs QLD

The Coalface.



THE FIRST RULE OF FIGHT CLUB IS, BUT WHAT ABOUT FUTSUL CLUB? WELL, @ THE COALFACE **SOURCES TELL US IT'S ALL PRETTY** STRAIGHTFORWARD... THE FIRST **RULE OF FUTSUL CLUB IS TO** HAVE FUN.

The origin of Futsal can be traced back to Montevideo, Uruguay, in 1930 when Juan Carlos Ceriani devised a five-a-side version of soccer for youth competition. The game is played on basketballsized courts, both indoors and out without the use of sidewalls. The term FUTSAL is the international name of the game. It's derived from

the Spanish or Portuguese word for "soccer", FUTbol or FUTebol, and the French or Spanish root word for "indoor" or "room", SALon or Salle or SALa. When you say it literally, Futbol means 'foot and ball' (i.e. playing outdoors) and Futsal indicates 'Futbol in room' (i.e. playing indoors).

"FUTSUL IS A FAST PACED AND **CREATIVE SPORT THAT'S HEAPS** OF FUN," SAYS NSW FUTSUL PRESIDENT GEORGE POULOS.

George says the competition in the

like Singleton and Maitland are quickly becoming known for their competitor's swift skills and tough action, on and off the ball.

"You only have to watch Futsal players fight to keep the ball from crossing the touch line and you'll immediately begin to see how the sport develops skill, control, and technique," says George. "Players play on a small field with lines that puts players constantly under pressure from other players and out-ofplay boundaries. Players must learn to settle the



ball rapidly, chop sharply, shield effectively, pass quickly and move into space."

The Futsal ball, also known as a reduced bound or low-bounce ball, is smaller than a normal outdoor soccer ball and heavier. When a Futsal ball is received, it virtually 'sticks' to the foot. This builds great confidence in tight spaces when rapid passes are being issued repeatedly. Repeated touches on the ball eventually produce a movement which, when transferred outdoors with a regular soccer ball, translates into a firmer and more accurate longer passes on a bigger field. Registrations for local competitions

are open around the Hunter, so why not get a few mates together, form a team, and get into some Futsul flavoured fun and fitness.

For more info and team registration nswfutsul.com.au







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SPORT @ THE COALFACE IS BROUGHT TO YOU BY THE CLUBBY AND LOCAL LIQUOR **LOCAL LIQUOR**

'AVE A LAUGH WITH

A lawyer runs a stop sign and gets pulled over by a cop.

The lawyer thinking he's a big shot and can outsmart the cop says, "If you can show me the legal difference between slow down and stop, I'll give you my license and registration and you can give me the ticket. If not, you



ALFABS

let me go and don't give me the ticket." The cop says, "That sounds fair, please exit your vehicle."

The lawyer steps out and the cop takes out his baton and starts beating the lawyer with it.

The cop says, "Do you want me to stop or just slow down?"





KING, OFF THE ROAD

THE 200 SERIES TOYOTA LAND CRUISER RULES THE BLACK TOP. AND IS KING OFF THE ROAD AS WELL...

When it comes to mixing capability and comfort there's no other car that's as capable or comfortable as the Toyota Land Cruiser. Name one other country tough terrain handler that also has leather seats, satellite navigation, and intelligent cruise control. You can't. And neither can we.

These days most 4x4's have a lot more show than go, especially when going gets rough. However, there's no room for compromise with the 200 Series Land Cruiser. Now packing more hightech features and updated styling, Toyota make good on their promise

of up-to-date appeal with old-world toughness and reliability. Let's take

There are two engines on offer in the Land Cruiser. There's a 4.7-litre V8 petrol, putting out 228kW of power and 439Nm of twist. No turbochargers here, and its not exactly easy on the clicks. We love the sound of an old oiler. Measuring 4.5-litres in size and offering a more modest 200kW, the V8 turbo-diesel offers a whopping 650Nm of twist from as little as 1600rpm. The diesal is far more suited to a Land Cruiser; you hear and feel

provides the enormous SUV with some proper long haul ability.

FUEL CONSUMPTION BENEFITS TOO, WITH A CLAIMED 9.9L/100KM ON THE COMBINED

CYCLE, A FIGURE THAT'S EASILY ACHIEVED ON BLACK TOP RUNS.

Toyota knows to put substance over style, yet despite this, the cabin is plush with tech and big buttons hidden in plain sight. When substance comes before style, this is the cabin you get. There's the big, chunky steering wheel, and equally enormous steering wheel buttons all made for use rather than just looking good. Spend a bit more and you'll get things like wood-grain trim, leather seats, and a big touch screen 'infotainment' system, which hosts GPS, Bluetooth and music playback service.



The new 2017, 200 Series Land Cruiser hides its tough agricultural roots very well thanks to big comfy seats that are incredibly welcoming, with the electric front pews offering endless amounts of adjustment to get things just right. Due to the cavernous proportions of the big Toyota, you can fit up to eight people inside, with the second- and third-row able to accommodate three adults abreast without a fuss. Or, you know, all your tools and toys you need to get the

To test drive the new 200 Series GXL Land Cruise, give the folks at your local Toyota a call.

AS THE DOWNHILL RUN TO SPRING GATHERS PACE. THERE'S MORE THAN A FEW REASONS TO HOOK UP THE BOAT AND HIT THE WET STUFF.

Plastic flicking for aussie bass should be high on the list of things to target as the water temp has dropped off and the bass have schooled suspended off the deeper banks.

We have managed to have a few good sessions on Lake St Clair lately, fishing plastics from small grubs to paddle tails worked slowly back through the schooled fish.

UP THE BAY

Things are continuing to fire inside the bay especially the black fish, bream and jew. The marina wall has continued to be very consistent for those chasing black fish.

The back of Middle Island has also been producing a lot of jewies with plenty of school fish to 15kg to be encountered while fishing live baits.

Bream have been active around the bay holding up around the structure for those flicking lures or floating unweighted baits.

FROM THE GRIT

All the beaches have been fishing extremely well with bream, taylor, salmon and jew.

Its defiantly beach spinning time of year with the masses of salmon turning up and plenty of big green back taylor mixed in with them.

AROUND THE STONES

The rocks have also been very productive especially those testing the string chasing pigs, grouper, bream and black fish.

Squid are a great option from the protected rocky bays as the wind starts to blow offshore over august.

The deep-water king fish run continues to fire on Allmark mountain and on Texas reef off Norah Head as we move though these winter months.

The snapper run has continued to prove a little slack on the numbers of bigger fish this winter. The early mornings and late afternoons into the night being the pick of the times to chase a knobby red.

If you're looking for a bit of fun on the light gear or want to take the kids out and let them loose with a bit of fishing, the Swansea Channel is the place to be. Arm yourself with a small metal spinner or a 3" clear minnow style plastic, find the school and hook in.

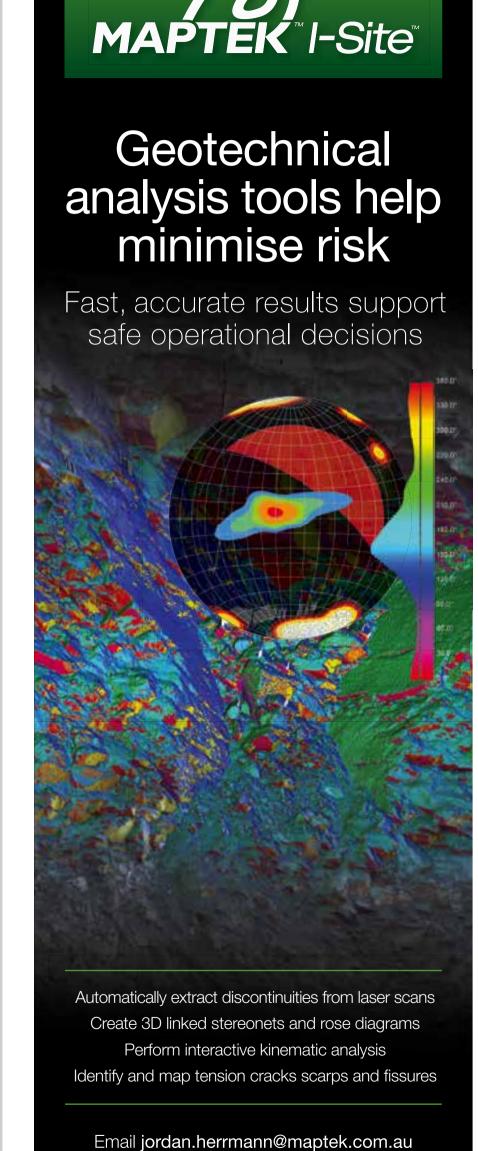
Flathead and school jew are also still in good numbers munching soft vibes and plastics holding tight around the bait schools in the deeper areas around the lake.

Keep floatin' - Thrifty's









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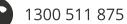




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1 - Cypress Lakes Golf & Country Club Our number one pick is the Cypress Lakes Par 72 championship course designed by Steve Smyers. It's one of the top ranked courses in Australia and the exceptional layout makes it our clear favourite. There's plenty of bunkering around the greens and the fairways are nice and wide, though grass is a bit scarce in areas. Watch out for the challenging tee shot on the 603 metre par-5 on the 16th where a precise draw up the hill is needed to get the ball in play. A tough and challenging course that will test even the most accomplished golfer. Downside – General pricing reflects its status as a resort course though a competitively priced 9 hole event has recently started

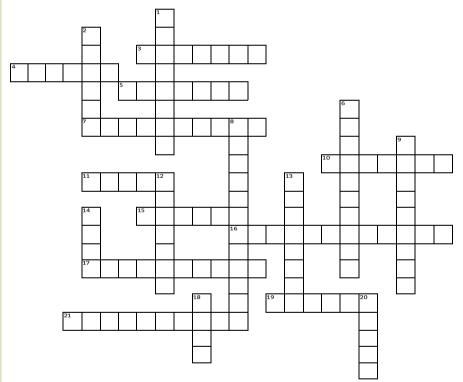
2 - Vintage Golf Club Greg Norman and Bob Harrison designed this

championship course which is on the same grounds as Chateau Elan. Rated as being among the top two per cent of courses in Australia, it has an open parkland layout with gently undulating terrain and a few slopes. This is a challenging 6310m, Par 71 course which has water in play on most of the holes so pack a few extra balls. The most picturesque of all the courses with overhanging eucalypts and undisturbed wetlands. Except for all of those balls of course...

3 - Hunter Valley Golf & **Country Club** Located at the Crowne Plaza Resort this is a wellregarded course by locals and visitors alike with several attractive holes and features. This Par 71 course is ideal for those newer to golf, though it still has enough good holes to challenge the better golfer. A straightforward layout, which unlike the

other courses, is relatively flat and easy to walk if you want to give the cart a miss. Favourite hole on this one is the 19th – walk straight into the newly opened Lovedale Brewery where you can sample a selections of the Hunter's best beers after working up a thirst on the course.

4 - Cessnock Golf Club We've thrown in this course as it's great value for money compared to the three resort courses. This Jack Newton designed Par 72 course is located on the doorstep of the vineyards at Cessnock and has the least expensive green fees. You will want a buggy on this course as it's a long walk between some of the holes. The greens are good and fast and it has some interesting holes. Fairway conditions on this developing course are not yet quite on par with the others but regardless it still has a lot to offer.



@ THE COALFACE CROSSWORD

ACROSS

- 3 What is the stage name of Robyn Fenty (7) 4 The Stratocaster is a model of
- which guitar maker (6) 5 What is the first name of Composer
- Vivaldi (7)
- 7 Leonard Cohen song (10)
- 10 American city where Elvis was discovered dead (7)
- 11 Freddie Mercury is the lead singer
- 15 ABBA is from this country (6)
- 16 Singer of the song All Shook Up
- 17 Who was nicknamed 'The Big O' (3,7)
- 19 What was the 2016 animated movie starring Justin Timberlake (6)
- 21 Musician fatally shot by his father in 1984 (6,4)

- 1 Taylor Swift's fans are known as this (8)
 - 2 Nirvana's first album (6)
 - 6 Who played Hannah Montana (7)5,5)
 - 8 Female singer who died of alcohol poisoning in 2011 (3,9) 9 Steward Copeland was the
 - drummer for this band (3,6)
 - 12 Which city was the Copacabana nightclub in (3,4)
- 13 Highest selling album of the 1980's (8)
- 14 How many strings does a violin have (4)
- 18 New Orleans is the birthplace for this music (4)
- 20 Singer married to Trudie Styler (5)



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CARNIVORES

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GO TO SATE THEIR APPETITES. THAT PLACE IS MEET.

MEET is a Brazilian Churrasco

experience. From the second I

arrived I was assailed by exotic

letting my taste buds know they

were in for a treat. My waistline

Our server Hannah had us seated

and a beer in hand in moments

and she explained to us how the

menu worked. For \$55 I was going

to get an unlimited amount of the

evening's range of meats, which

table where they would be carved

straight to my plate. Also included

Brazilian side dishes which could

at my request. Which of course I

MEET THE MEAT - SUCCULENT

STRIPS OF THE BEST CUTS THAT WILL BRING OUT YOUR INNER

be topped up throughout the night

would all come directly to my

was a platter of traditional

requested quite often.

was just going to have to pay

the price.

restaurant. Here you don't just get

a meal, but participate in a dining

aromas that had me salivating and

BUT THERE IS ONE THAT IS THE KING OF THE JUNGLE. A LION AMONG A

SAVANNAH OF GAZELLES AND ZEBRAS. A PLACE WHERE CARNIVORES



UB!!!! THE MIGHTY THOROUGHBRED HOTEL HAS NDERGONE A MAGICAL MAKEOVER!

So a Sunday a few weeks ago I had to see this genius idea for myself so I saddled up my trusty old steed Trigger, pulled out my riding chaps hand made from the skin of Phar Lap, and set off from Pielament house stables in Singo.

the paddock with his

I KNEW BY THE

LOOK IN HIS EYES HE WAS THINKING

magic wand.

ABOUT MORE

your babies grow up

So, singing 'Don't let

THAN PIES.

On the way out of town Trigger noticed a few fillies he'd been wanting to get acquainted with for ages around Bridgeman Road so he bucked me off, jumped the fence and chased them around

came past. They kindly let me catch a lift in the cramped but cosy cabin conveniently carrying me on to my destination 10 minutes the other side of Crofts Pies in Aberdeen. Of course we grabbed a 'Crofty' on the way through.

Arriving in Scone the girls waved me by with a twinkle in their eye for keeping them so entertained along the way. I felt like the President of the United States during the Clinton years.

ANYWAY I STRAIGHTENED UP MY STETSON AND HEADED INSIDE. I COULDN'T SPEAK.

A bakery pub? Beer. Pies. Who woulda thought. I was lost for words so I just pointed. A shepherds pie, a curry job and of course a plain were all shoved into a bag and then straight after shoved down my gob. A short half head later followed a frosty Gold and I just sat there in stunned amazement. You learn something new every day. Hot pies, cold beers and a pub make a perfect and tasty combination. A champion effort Scone... Long live the pie pub The Thoroughbred!

'AVE A LAUGH WITH alfabs.com.au | PH 1300 ALFABS (253227)



An older man walks into a bar wearing a stovepipe hat, a waistcoat and a phony beard. He sits down at a bar and orders a drink. As the bartender sets it down, he asks, "Going to a party?"

"Yeah, a costume party," the man answers, "I'm supposed to come dressed as my love life."

"But you look like Abe Lincoln," protests the bartender. "That's right. My last four scores were seven years ago."

BEAST. YOU NAME IT, THEY CARVE IT.

Beef, chicken, pork, lamb, all slowly cooked and spit roasted over their custom-made barbecue and Texas style smoker. I sampled sausages and spicy chicken wings, melt in your mouth beef ribs and juicy pork loin. Flavour after flavour, some sweet, some spicy, some savoury, and some a little bit of each. On and on it went, until the meat sweats kicked in and the arteries started to squeeze and I finally had to admit that I was beefed.

But it didn't end there as who could say no to delicious cinnamon fried banana balls and sweetened pineapple slices straight off a skewer. Everything I tried was cooked perfectly and believe me I tried everything.

Food aside, the service was great and I was made to feel welcome from the second I showed up until I was finally able to lift my overfed but gloriously gorged body from the table. Yes I'd just eaten more

calories than I normally would in

a week, but like the lion who has

just fed on the gazelle, I was sure it would be weeks before I needed to feed again.

I am so glad I met you MEET.





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@ THE COALFACE TRIVIA

BROUGHT TO YOU BY THE SINGLETON HISTORICAL SOCIETY

When did the Newcastle BHP Steel Works close? When was coal officially discovered in Newcastle? Name of the old power station at Nobbys from 1915 - 1953? Answers next month

LAST MONTHS ANSWERS

1. Which street in Denman was named after the first European settler? Ogilvie

- 2. In what year was the great Denman fire? 1928
- 3. The Royal Hotel featured in what movie in the early 1950's?

The Shiralee

@ THE COALFACE PRIZE WINNERS

VOLUME 1 - NO 10: JULY - AUGUST

221 @ The Royal Oak Dinner for Two - andrew.brough@uqconnect.edu.au

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BCF Gift Voucher - comebacknev@yahoo.com.au, sherrynchard@hotmail. com, binandgaz09@bigpond.com

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CONGRATULATIONS TO ALL OUR WINNERS!

THE MYSTIC MINER'S AUGUST 2017 HOROSCOPES FORECAST TAKEN STRAIGHT FROM THE STARS AND URANUS.

Sept 22

Libra

The recent freakishly warm winter weather has confirmed your suspicions around climate change Virgo – invest in a decent dinghy for when the floods come.

Put every five dollar note you receive this month into a jar Libra, and use the proceeds to take your partner for a romantic evening – they deserve it for putting up with your

Want to free up some time Scorpio? Give yourself a break from social media this month. It used to be cool but Donald Trump and the weird kids from school have pretty much wrecked it anyway.

Just keep ignoring the reminders until you finally become

wealthy enough not to have to pay tax at all.

Sagittarius You will be horrified by your tax bill this month Sagittarius.

Capricorn

Capricorns please note - anyone (including you) who uses the phrase "I don't mean to be rude, but..." is usually a massive tool and should be avoided at all costs.

Aquarius

Aquarians will enjoy a brush with fame this month. However, if you see someone you know on A Current Affair, change the channel immediately and do not mention it to anyone.

CHECK WHAT YOUR FUTURE HOLDS THIS MONTH WITH OUR ASTROLOGICAL

Pisces Feb 19 Mar 20

Aries
Mar 21 -

Taurus Apr20 -

ra Gemini 🕋

Jun 20

Jul 22

May 21

Cancer Jun 21

Leo

Jul 23 ·

Aug 22

Apr 19

May 20

Sometimes Pisces, you reminisce about the fun you had as a kid. In reality, the things your parents let you get away with would have you in state care nowadays, so be careful who

Before getting your new tattoo Aries, check out a YouTube clip of laser removal and decide whether you and your wallet have the pain threshold to get rid when you hate it in 5

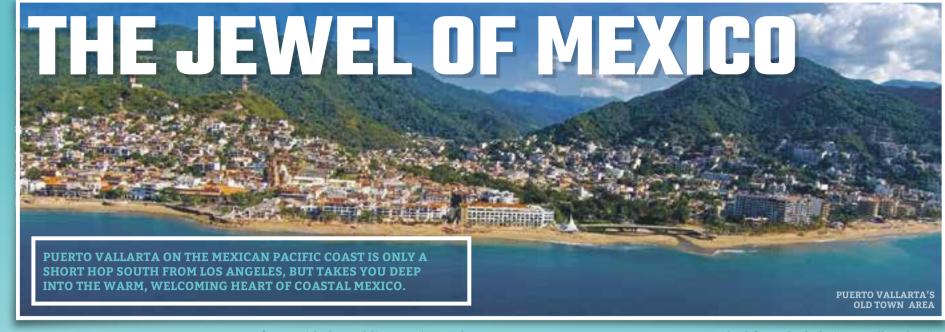
Do not answer your phone when at the petrol station Taurus. Fire hazard will be the least of your worries if you put a tank full of diesel into a petrol engine because you're busy chit chatting away.

Love is in the air for Geminis this month. Some romance is just what you need to keep the winter blues at bay, so don't stuff it up by revealing your true self too early.

It's flu season Cancer, so if you want to avoid the dreaded germs you'd better start looking after yourself – a can of Fanta and a Terry's chocolate orange don't count as vitamin C.

Send some flowers to your mum on your birthday Leo – she was the one who did the hard yards to get the little bundle of joy you were all those years ago, so say thanks!

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UMMM... WHERE? NESTLED DEEP IN BANDERAS BAY ON MEXICO'S WEST COAST, PUERTO VALLARTA ISN'T AS WELL KNOWN AS THE MORE GLITZY **DESTINATIONS LIKE CANCUN OR CABO, YET OFFERS VISITORS A FAR** RICHER EXPERIENCE ALONGSIDE THE USUAL GLAMOROUS **MEGA RESORTS.**

The area has been inhabited for eons due to the natural coastal beauty and stable warm climate and as such it is steeped in true Mexican culture and history making it a premier tourist destination of South America with two areas worth checking out.

Old Town is the original town central area, and has a rich, original Mexican town feel to it. Buildings from all eras, some beautifully restored and others cheerfully splashed in bright beach colours, line skinny crazy-cobbled streets where traffic, with what seems like very little need for road rules, just gets along in that Mexican-kindof-way with the ambling tourists and locals on foot.

After a long sunset over the water, the restaurants, bars and clubs of Old Town come alive, offering up a wide variety of night life - join the happy noisy crowds in a beachside cervecería for cheap drinks, or hit a high end cocktail bar and bomb your hard-earned on exotic tequila-based tipple.

Neuvo Vallarta is located a few minutes taxi ride north of Old Town, and is home to the mega-resorts. There's not so much of a town centre, and it's more a case of resort-hopping if you are up this way. While these resorts are amazing and you probably don't even have to leave the grounds to have a great time (which I'm sure a lot of visitors don't), you really do miss out on the real Mexican experience. But if you're after that gonowhere-do-nothing option, there's plenty of these resorts to choose from.

PLENTY TO DO, **BUT IT'S GREAT DOIN NUTHIN'**

With clear, warm water year round to dive into and most beaches offering Corona ad-like vistas of beautiful blue water, glowing sand and palm trees you'll want to have a crack at all the water-related activities. The thick, dense rainforest and steep mountainous terrain surrounding the area feature outstanding hiking, along with zip-lining and all-terrain buggy tours. If your a golfer, the coast to the north of Puerto Vallarta is home

to some of Mexico's most exclusive seaside golf resorts and courses. For foodies, the local cuisine options are vast. Sit in the clam bar on the Malécon (main beach-front strip) for hours slurping down monster fresh clams, oysters and beers on the cheap. Choose from a huge list of worldclass fine dining options with views over the bay to die for. Grab the best charcoal-fired chicken you have ever

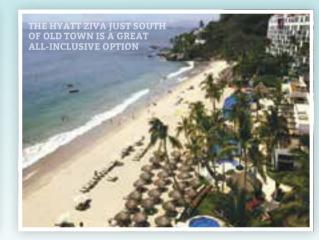
had from the hole-in-a-wall outlets in the back streets (and drown it in their amazing hot-sauce).

Mexico has a warm, friendly culture that gets along just fine with the laid back Aussie way. In Puerto Vallarta we Aussies are a bit of a novelty, and I hit it off with every local I had a yarn to. My Spanish isn't great, sometimes their english was non-existent, but we would still end up having a laugh. As with visiting any country, being friendly and respectful to the locals and staff pays off in spades with big smiles and great service.

With the stunning natural beauty, amazing culture and cruisy locals, Puerto Vallarta offers travellers a laidback, authentic Mexican beachside experience - a place where the days drift by while not much changes. because everyone is just so damn happy looking out over that beautiful bay, then grabbing another cold cerveza as the sun sets.









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