Berth 8 commissioning secures long-term export gateway for north Queensland

Two millionth cathode plate marks milestone achievement 40 years in the making

Development activity driving progress at GFM
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**From the COOs**

Over the past two years we have implemented a range of operational cost control measures to insulate the business against challenging global market factors currently impacting the resources sector.

These actions were designed to help protect the long-term viability of our operations, and have seen our north Queensland operations continue to operate safely, productively and profitably over a sustained period of lowered commodity prices.

We continuously review our operations to ensure we remain competitive and sustainable over the long term. Importantly, we are still investing in our existing assets where it represents value to the business.

In the last edition of Mine to Market we brought news of the commissioning of the L72 Shaft as part of the George Fisher Mine Expansion Project. This achievement will see the mine increase production to 4.5 million tonnes per year, while maximising efficiency by eliminating the need to truck ore from underground.

Additionally, we have now received confirmation from the Queensland Department of Environment and Heritage Protection that our application to amend our Environmental Authority, which could allow the extension of the Mount Isa Copper Smelter beyond the planned 2016 closure date, has been approved. This is the latest in a string of key milestones that had to be checked off in order for us to determine the path forward for the Copper Smelter. We are now in a position to build the business case for continued, sustainable copper processing activities in north Queensland.

Extending the life of the Copper Smelter is not a decision we take lightly. We understand that any change to our business is of importance to our people and the broader community, and we will work to provide certainty regarding the proposed extension as soon as we can.

The impact of international commodity prices on the regional industry demonstrates that we are not immune to the pressures of the global market. A continued focus on increasing cost efficiencies and reducing waste is critical to maintain the economic viability of our operations.

We thank our workforce for the steps taken so far to increase operational cost efficiencies, and trust our people to continue to build on the practices we have put in place to ensure safe and sustainable activity throughout the life of our operations.

In these times of uncertainty it is more important than ever to focus on the things we control; our health and safety, our production levels, and our costs. We ask each of you to renew your focus on working productively, reducing costs and, most importantly, remaining vigilant in ensuring your own safety and that of your colleagues.

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**Contact the Editor**

Input from all our north Queensland operations is invited. Please contact the Editor, Lara Lavers, via email: lara.lavers@glencore.com.au or phone: 07 4744 2955.

**Mine to Market has gone digital!**

Want every edition of Mine to Market delivered directly to your email inbox in a dynamic and interactive format? Contact the Editor to subscribe to the Mine to Market e-flipbook mailing list.

**Want more?**

You’ll find all the latest from our north Queensland operations as well as previous editions of Mine to Market, on our websites. Visit www.mountisamines.com.au, or www.ernesthenrymining.com.au for more.

**Community Feedback Hotlines**

Our Community Relations team is responsible for engaging openly and honestly with our stakeholders, as well as responding to all community enquiries. If you have any questions or concerns about our operations, contact our 24-hour hotlines on:

Mount Isa Mines 1800 982 982
Ernest Henry Mining 1800 346 463

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Mike Westerman
Chief Operating Officer
North Queensland
Copper Assets Australia

Greg Ashe
Chief Operating Officer
Zinc Assets Australia
Glencore’s new joint venture Berth 8 facility will help secure the long-term export future of north-west Queensland’s mining industry products.

Berth 8 commissioning secures long-term export gateway for north Queensland

This year, Glencore’s upgraded Berth 8 facility at the Port of Townsville was successfully commissioned, helping secure the long-term export future for mineral concentrates and fertiliser products produced within the North West Minerals Province.

Jointly funded by the Port of Townsville, Glencore and Incitec Pivot, the new facility delivers two-and-a-half times more shiploading capacity, greater berth efficiency and important improvements in our environmental performance.

Our operations at the Port of Townsville provide the export gateway for a number of Glencore and third party products. In 2014 we loaded approximately 1.75 million tonnes of product for export, including our own and third party products destined for export markets including Europe, Asia and North America.

Glencore’s operations at the Port of Townsville are part of an integrated network of assets across the copper and zinc businesses, which together contributed more than $4 billion to the Queensland economy in 2014. This included employing people, sourcing from local communities and paying taxes and royalties to the various levels of government.

The facility is a critical part of Glencore’s integrated supply chain, which provides jobs for more than 6,100 people across north Queensland.

More than half of the $41 million invested by Glencore and Incitec Pivot to undertake this project went to local north Queensland businesses.

Greg O’Shea, Manager Glencore Port says the Berth 8 project has significantly supported local industry.

“We believe that supporting local suppliers wherever possible is a proven way to maximise the community benefit from projects like this,” Greg says.

Mount Isa Mines has been moving product through the Port since the 1930s, when the company first commenced exporting lead metal and zinc concentrates. The new Berth 8 shiploader and conveyor system replaces Glencore’s previous Berth 7 facility, which has been in operation since the 1960s.
The IsaKidd™ process transformed the way the industry approached copper refining by replacing the pre-produced cathode starter sheet, which became part of the final copper cathode product through the refining process and thus could never be reused, with a permanent stainless steel cathode blank.

In August, the Townsville Copper Refinery and Glencore Technology teams celebrated the manufacture of the two millionth ISA Cathode plate; an achievement 40 years in the making.

Two millionth cathode plate marks milestone achievement 40 years in the making

In August, the Townsville Copper Refinery and Glencore Technology teams celebrated the manufacture of the two millionth ISA Cathode plate; an achievement 40 years in the making.

Cathode plates are used in the process to refine 99.7 per cent pure copper anode produced at our Mount Isa Smelter into 99.99 per cent pure premium ISA brand copper, which is then sold on the London Metals Exchange.

Traditionally, a pre-produced copper cathode starter sheet was required to start the electrolysis refining process. The starter sheet was placed opposite a copper anode and immersed in a tank of electrolyte solution. Then, an electric current was passed through the anode, causing its copper atoms to dissolve into the solution, move with the current through the solution before being redeposited on the cathode starter sheet.

Other insoluble mineral content present in the anode, including silver and gold, would sink to the bottom of the tank to form what is known as tankhouse slimes.

The IsaKidd™ process, initially known as the Isa Process™, replaced the cathode starter sheet with a permanent stainless steel cathode blank. Unlike the cathode starter sheets, which remain part of the cathode once the electrolysis process is complete and therefore need constant replacement, the stainless steel blanks could be stripped and reused indefinitely, simplifying and streamlining the copper refining process.

Today, Glencore Technology’s ISA Cathodes have been installed at operations worldwide, with over nine million tonnes per annum of copper cathode capacity installed in 76 different refinery and electro-winning operations across 26 countries.

Over the past 30 years, the technology has generated more than $500 million in sales for Glencore through the work of the Glencore Technology and Townsville Copper Refinery Manufacturing teams, and has become the world benchmark for copper production.

Additionally, the development of IsaKidd™ technology has paved the way for the evolution of copper solvent extraction and electrowinning practices and is considered the enabling...
technology for development of remote, small scale copper resources using SXEW.

The development of stainless steel cathode technology at the Townsville Copper Refinery in 1977 was part of a long tradition of innovation and entrepreneurship within the Mount Isa Mines group that continues today under the Glencore banner.

The transformational technology was pioneered by a dedicated team of engineers at the Townsville Copper Refinery between 1977 and 1978, with the full plant conversion completed in 1979.

At the time, the decision to convert one of the world’s largest refineries across to a new technology was a courageous one, considering the backdrop of a world economy bordering on recession after the oil price shocks of the mid-1970s.

Interest in the technology soon spread beyond the Townsville Copper Refinery, with the first licence agreement signed with White Pine, USA, for its copper refinery conversion in 1982. The take-up within the copper industry was rapid, with sales following soon after to several world renowned refineries in Europe and Olympic Dam in South Australia.

Reinhardt Viljoen, Chief of Technology Glencore Technology says achieving the two millionth plate manufacture milestone could not have been possible without the dedication and hard work of the Townsville Copper Refinery and Glencore Technology teams.

“The father of the IsaKidd™ technology was the then Townsville Copper Refinery Tankhouse Manager, Jim Perry,” Reinhardt says.

“At the time, the decision to convert one of the world’s largest refineries across to a new technology was a courageous one, considering the backdrop of a world economy bordering on recession after the oil price shocks of the mid-1970s.

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“The father of the IsaKidd™ technology was the then Townsville Copper Refinery Tankhouse Manager, Jim Perry,” Reinhardt says.

Without Jim’s determination and belief in the concept, IsaKidd™ would never have happened.”

Jim worked with a dedicated team that consisted of names that have since become famous within the industry, such as Cam Jenkins, Stewart Mclean, Keith Cahill and John O’Kane.

“These early pioneers, along with many others, did so much to help make this business what it is today.

“We would like to thank all our people – past and present – who contributed so much to make this milestone achievement possible over the past 40 years.”
Development activity driving progress at GFM

A streamlined maintenance strategy, improved planning and scheduling and an increase in scoping, communication and feedback have resulted in a 25 per cent increase in the average development metres at George Fisher Mine (GFM) in the first half of 2015, compared to the same period last year.

This achievement comes in the face of an increased 2015 development target in order to allow access to new areas of the mine to set up production activities in line with the mine plan.

In response, GFM initiated a development improvement project to lift the development rate from 192 metres per jumbo development drill, per month, to 235 metres per jumbo, per month.

This approach has seen the operation achieve 93 per cent against planned metres since the initiative began producing results in March. By the end of June, the development rate was a consistent 250 metres per jumbo, per month, and the operation continues to achieve more consistent delivery of development metres every day, increasing operational stability.

This achievement is expected to amount to a cost saving of $7 million in increased mine production by the end of 2015.

Michael Gillespie, Superintendent Development GFM says there were a number of factors that came together to make the development achievement possible.

“Introducing a more streamlined maintenance strategy for our development drills, improved planning and scheduling, accurate scoping and creating a platform for appropriate feedback, communication and problem solving through the weekly planning process were some of the key activities that helped us reach our goals in terms of improving development metres,” Michael says.

“I would like to recognise and thank all the teams involved in this initiative all the way from technical services, through to the development work teams supported by the operational scheduling and data capture teams, maintenance, mine projects, shotcrete contracts, services and production teams.

“It takes a massive team effort to produce a result like this, and the improvements in planning, communication and maintenance practices we’ve achieved through this project will have a long lasting impact on our operations in terms of safety and long-term productivity.”

GFM has achieved a massive improvement in its average development metres by implementing a more streamlined maintenance strategy, improving planning and scheduling and increasing scoping, communication and feedback.
Anthony Green, Manager Engineering George Fisher Mine (GFM) attended the conference to present a paper on the design process for GFM’s L72 hoisting infrastructure, commissioned in May this year.

Anthony says the conference was a valuable opportunity to meet and share knowledge with leading representatives in the hoisting and haulage field.

“Having a platform to engage with leaders in the industry, and hear the latest in terms of industry developments makes us challenge the way we think within our own operations,” Anthony says.

The conference was also a chance to conduct best-practice reviews of our newer hoisting infrastructure against comparable projects in other parts of the world; an exercise that highlighted the world-class standard of the newly commissioned hoisting installations at both GFM and Ernest Henry Mining (EHM) in relation to safe and efficient production.

GFM’s and EHM’s new hoisting infrastructure both feature winder drive and control systems employing Safety Integrity Levels (SIL) techniques at the forefront of the industry as well as slew loading conveyors to feed the hoisting systems, an innovation that minimises exposure of maintenance personnel to the shaft, allowing them to conduct their tasks in a safer and more controlled environment.

Additionally, the hoisting systems’ fit-for-purpose rope maintenance facilities throughout shaft, skyshaft, headframe and winder building allow safe and efficient execution of rope work by maintenance personnel.

The next Hoist and Haul conference will be held in 2020.

In June, representatives from Mount Isa Mines attended Hoist and Haul 2015 in Stockholm, Sweden, a five-yearly industry conference that brings together the global mining industry’s brightest hoisting and haulage experts.
In July, our Ernest Henry Mining (EHM) underground and processing operations completed routine preventative maintenance shutdowns to avoid unplanned downtime and increase productivity.

The Concentrator team conducted their biggest and longest shutdown of the year from Saturday 25 July to Saturday 1 August. Since August last year, Concentrator shutdown cycles have gone from every five weeks to a more economical 13-week cycle, which lengthens the time each shutdown takes.

Around 400 tasks, ranging from extremely significant to routine, were completed by EHM personnel and 130 contractors from various companies.

Nathan Bullock, Concentrator Manager EHM says the July shutdown was significant due to the duration and complexity of the work and additional personnel required on-site.

“A number of major infrastructure tasks took place including replacement of the concentrate thickener bridge which had been in place since EHM began commercial operations in 1997,” Nathan says.

Other significant works included relining and repairs of the SAG mill, re-grouting of the ball mill motor base, structural refurbishment of the SAG mill feed conveyor and quarterly maintenance of the pressure filter.

The underground mine hosted their shutdown across five days from Saturday 25 to Wednesday 29 July.

Peter Christen, Underground Manager says it was the longest and most significant shutdown the underground mine had experienced since transitioning to steady state operations in July last year, with a number of tasks tackled for the first time, including replacing key parts of the underground crusher.

“We also worked to improve steel and electrical works at the bottom of the shaft, modest changes to the slew conveyor and we assessed and maintained all shoots and feeders for conveyors,” Peter says.

The next preventative maintenance shutdowns are planned in Q4 2015 for both the underground and processing operations.
This July, a group of ten new rookies have been put through their paces by Mine Rescue Supervisors Ron Pippenbacher and Ron Pickering.

The Mount Isa Mines’ Mine Rescue squad has been providing vital frontline emergency response to the operations 24 hours a day, 365 days a year since it was established in the 1930s.

New recruits need to pass a medical test and the gruelling Mine Rescue Fitness Examination before completing a four-week ‘Rookie Course’.

Recruits are trained in the use of breathing apparatus equipment, advanced first aid, firefighting, hydraulic tools, multi-casualty scenarios, road accident rescue, air bag recovery and vertical height and confined space rescue.

As part of their involvement, Mine Rescue squad members complete a Certificate III in Mine Emergency Response and a Certificate II in Emergency Medical Services Response. These nationally recognized qualifications ensure recruits are confident and competent in tackling any surface or underground emergency that could occur at our operations.

Current rookie Tazibana Moyo, Mine Planning Engineer George Fisher Mine says he joined the Mine Rescue squad to expand his skills and give back to the operations.

“Joining Mine Rescue gives me the opportunity to test myself and gain a different set of skills that I will be able to use throughout my career, but ultimately I want to be able to help my workmates in an emergency,” Tazibana says.

New recruit Gareth Parkinson, Rock Mechanic Engineer Mount Isa Copper Operations says he decided to join the Mine Rescue squad because he enjoys being part of a team.

“I like the camaraderie of Mine Rescue and working as a team to help keep people safe,” Gareth says.

“Although the training is tough and pushes you to your limits it is necessary to prepare you for taking action in emergency situations.”

Once selected the Mine Rescue squad are required to be on call 10 days per month as well as completing the annual Mine Rescue Fitness Examination and medical, taking part in competitions and completing any necessary additional qualifications and competencies.

Ron Pippenbacher, Mine Rescue Supervisor Mount Isa Mines says it takes a special kind of person to join the Mine Rescue squad.

“Being part of the squad is tough and you have to be fully committed to the ongoing training and responding to incidents you may face, so it’s important recruits know what they are signing up for,” Ron says.

“However, the mateship and experience you will gain by being part of this team is invaluable, and being part of the Mine Rescue squad means you can really make a difference in protecting the safety of our people – that’s something that your mates and their families will never forget.”

For more information on joining the Mine Rescue squad contact Mine Rescue Supervisors Ron Pippenbacher on 07 4744 2333 or Ron Pickering on 07 4744 2525.
The Skills Centre’s new Fire Fighting area provides a safe environment for employees to practice their emergency response skills.

Over the past 18 months, the Glencore Skills Centre in Mount Isa has been working towards delivering specialised training that focuses on the practical application of skills in simulated High Hazard work environments.

Skills Centre training facility helps workers tackle High Hazard activities

To achieve this, an exciting new training space was created at the on-site training facility for delivery of task-specific training linking to four of the Glencore SAFework Fatal Hazard Protocols.

Isolation, Lockout and Tagging training courses will now offer several different practical activities to assess employees’ Energy Isolation skills and knowledge through the creation of an Energy Isolation Alley.

This facility offers trainees the opportunity to practice individual and group isolation scenarios they may encounter in the workplace using several different energy sources including electrical, pneumatic, and high-pressure water.

Employees requiring Working at Height certification can now apply their skills in a practical environment thanks to the creation of a three-metre high certified beam. This facility allows employees to undergo suspension activities as well as accommodating fall arrest equipment demonstrations from our new static line.

A new Confined Spaces container has also been installed so that employees can undergo Confined Spaces 1 and 2 training courses at the Skills Centre.

Finally, the newly completed and fit-for purpose Emergency Response fire fighting area means employees can practice their fire fighting skills in a protected undercover area.

Vicki Anderson, Senior Skills Centre Advisor says these new areas were important to further embed SAFework principles into training delivered at the centre and support the creation of an adult learning environment.

“By ensuring training activities at the Skills Centre offer realistic scenarios and hands-on activities, we can reduce time spent inside training rooms and focus on real application of skills and knowledge,” Vicki says.

The new training areas are the result of a joint effort from a number of teams and departments who have worked together to refit the old Skills Centre workshop area to create the exciting new training space.

“In addition to the Skills Centre staff who assisted in designing the training areas, I’d like to thank Building Services Superintendent Nathan Giles, Mining Maintenance Supervisor Nick Bell, Copper Concentrator Mechanical Superintendent Mark Peterson and Water Supply Supervisor Steve Vidler and their respective teams who have all played a crucial part in making these new training areas a reality.”

Meetings are now underway with key internal stakeholders to determine our business’s future training needs, and how the Skills Centre can work to address these.
There are already plans to further develop the facility to include a mobile equipment training area, and expand the Underground Introduction currently delivered at the centre to include a simulated work environment incorporating the use of an Emergency Response Bay and electronic tagging equipment.

Mandatory type training delivered at the Skills Centre ensures participant numbers can be maximised and quality and delivery of messages are consistent. It also allows our sites’ operational areas to focus on task specific training requirements.

Keep an eye out for further updates from the Glencore Skills Centre in future editions of Mine to Market.

Mount Isa Zinc Processing management team and contractors meet on a monthly basis to discuss a range of safety related topics, including safety achievements as well as processes identified for improvement.

Contractor safety meetings prove communication key to safety improvements

Every quarter, Zinc Processing hosts a Contractor Safety Meeting.

This forum allows Mount Isa Mines’ staff and site contractors to maintain the lines of communication in relation to safety initiatives and issues in order to reduce incidents and improve safety overall.

Zinc Processing’s Safety and Training departments provide a formal presentation to the group on recent activity in the safety space. Attending contractors then have the opportunity to present and celebrate their achievements in improving safety to their workforce or work areas.

Rick Leeman, Superintendent Safety and Health Zinc Processing Mount Isa says the meetings have renewed the focus on safety overall.

“These meetings are a quarterly opportunity for contractors and Mount Isa Mines employees to get together and discuss safety wins as well as any issues that we can resolve,” Rick says.

“The meetings are a mixture of knowledge sharing and activity updates, and also include problem solving opportunities to get the different Mount Isa Mines staff and subcontractors working together to come up with innovative solutions to combat the risks present in our environment.

“The quarterly Contractors Safety Meeting is also a great networking opportunity for participants and a way to report on project successes or safety wins that the group can learn from.

“By communicating regularly on key safety issues and improvements we are working towards creating a zero harm culture within our operations.”

Mount Isa Zinc Processing management team and contractors meet on a monthly basis to discuss a range of safety related topics, including safety achievements as well as processes identified for improvement.
Melbourne Cup’s big mining adventure

In July, Melbourne Cup fever hit Mount Isa with the thirteenth annual Emirates Melbourne Cup Tour kicking off with a visit to Mount Isa Mines.

The special tour of the 18-carat gold Melbourne Cup started from the Black Star Open Cut (BSOC) lookout, before travelling to the depths of our operations for a photo opportunity at the ‘one mile below’ marker of our Enterprise underground copper mine.

Tony McGrady, Mayor of Mount Isa, Mount Isa My Kitchen Rules celebrity, Sharon Sellings, Victoria Racing Club executive representatives Mark Budge and Joe McGrath and 2001 Melbourne Cup winning jockey Scott Seamer accompanied the Cup on its mine tour; the first stop on the trophy’s pilgrimage across the country in the lead up to the ‘race that stops the nation’.

Ben Young, Mine Manager Zinc Open Pits (ZOPs) met the Cup at the BSOC lookout just as the sun was rising over our operations.

“It’s a pretty amazing piece of metal work – you can see why it travels with its own security,” Ben says.

“We have a few keen punters in the BSOC team, so having the opportunity to hold the Cup and talk shop with a Melbourne Cup winning jockey was definitely a personal highlight.”

Simon Pope, Mine Manager Mount Isa Copper Operations (MICO) was tasked with accompanying the visitors and the $170,000 Cup 1.6 kilometres below the surface.

“There was definitely a buzz of excitement at the mine,” Simon says.

“It’s not every day you get up close and personal with such an iconic sporting trophy, so having the chance to get a photograph with the Cup was pretty special.”

Following it’s stop in Mount Isa, the Cup went on to visit Cloncurry and Boulia before travelling further afield to other parts of Australia, New Zealand and Malaysia before the Melbourne Cup Carnival kicks off in November.
Celebrating ‘Life of Mine’ service achievements at BSOC

In 2016, Mount Isa Mines’ Black Star Open Cut (BSOC) will move into Care and Maintenance following more than a decade of mining activity, in line with the operation’s established Life of Mine Plan.

In this edition of Mine to Market, we’d like to recognise some of BSOC’s longest serving employees, and extend our congratulations and thanks to those who have been with the operation from the beginning.

CELEBRATING ‘LIFE OF MINE’ SERVICE

- Ben Young, Mine Manager Zinc Open Pits (ZOPs)
- Chris Dawkins, Production Coordinator
- Colin Gasnier, Open Pit Operator
- Vance Martin, Superintendent Maintenance
- Peter McAllister, Blast Improvement Supervisor
- Averil Portch, Open Pit Operator
- Stuart Smith, Supervisor Operations

Ben Young, Mine Manager ZOPs commenced his career at BSOC as a graduate in 2004, then headed up the Technical Services team, before moving into the Mine Manager Role in 2013. Ben says he has enjoyed watching the BSOC team develop over the years to overcome the challenges associated with working in a technically difficult mining environment.

“There have been times where problems have arisen and presented big challenges for the various working groups at BSOC,” Ben says.

“The key is when everyone puts their heads together to get the operation back on track, and the strong sense of team is something I have really loved about working at BSOC.

“Congratulations to our longstanding BSOC employees on this milestone achievement, and we thank you for your long contribution to our business.”

Leading the way in voids management at BSOC

Over its life, BSOC has presented the business with a number of unique technical challenges, which have created a platform for the development of a range of innovative mining solutions.

BSOC was developed to extract the remaining surface extents and pillars of zinc, lead and silver mineralisation mined from the old Isa Underground Lead Mine, which operated between 1929 and 2005.

Mining over and through the Isa Lead Mine’s expansive network of abandoned underground workings (many of which were more than 20-metres wide and 100-metres long) saw the BSOC team face and overcome some major geotechnical and mining challenges to ensure the stability of the pit and ultimately the safety of all mine personnel.

BSOC team’s innovative approach to void analysis has allowed the safe and sustainable recovery of a valuable mineral resource that would be otherwise inaccessible.

As BSOC’s mine life comes to an end, the operation can boast production of more than 34 million tonnes of zinc-lead ore, while maintaining underground portal access and limiting impact on our underground copper operations in the adjacent Enterprise mine.
Local students get to work at Mount Isa Mines

Eight local high school students from Mount Isa’s Spinifex State College and Good Shepherd Catholic College sacrificed their July school holidays to get a taste of what working life is like at Mount Isa Mines through the Mount Isa Mines Work Experience Program.

The program gives local students the opportunity to work on our site alongside our people while they gain invaluable career experience in a variety of different fields and disciplines, including electrical and mechanical trade work, environmental management, information technology (IT), operations and maintenance.

Year 12 Spinifex student Harry Schmidt had a busy week with the Information System and Technology (IS&T) Field Support team helping address on-site IT and systems issues.

Jonathan Gribble, Project Support Information Systems and Technology says the Mount Isa Mines Work Experience Program is a great opportunity for students to test-drive their career interests and gain a greater insight into the potential work opportunities available to them.

“It also gives us the opportunity to identify talented local students, who may be interested in entry-level roles or apprenticeships with us once they finish high school,” Jonathan says.

Good Shepherd students Matthew Tencza and Sankananji Mtawale spent a week in the Health, Safety Environment and Community Relations department observing and contributing in hands-on field and project work, as well as visiting the Air Quality Control Centre.

Matthew Meere, Superintendent Environmental Air Quality and Monitoring says providing work experience to local students is a win-win situation.

“Students get to see first-hand the key challenges and developments associated with our operations,” Matt says.

“In return we get access to a fresh set of eager and enthusiastic eyes that can provide a different perspective.”

For further details on the Mount Isa Mines Work Experience Program, contact Shannon Ward, Human Resources Advisor on 07 4744 3618.
Mount Isa Mines Radio Tech named one of Queensland’s best apprentices of 2015

Mount Isa Mines Radio Technician Sam Driver was a top seven finalist in the prestigious Harry Hauenschild ‘Apprentice of the Year’ title at the Queensland Training Awards final held in Brisbane in early September.

Sam went head-to-head against six of the state’s best apprentices, which this year included two electricians, a refrigeration mechanic, a boilermaker, an early childhood educator and a chef.

Sam received a sponsored place in the Mount Isa Mines Apprenticeship Program in 2010 after being talent-spotted while working as a Trade Assistant with the Mount Isa Copper Operations (MICO) Radio Technical team.

After a little encouragement from his workmates, Sam went on to complete his trade qualification with a Certificate III in Electronics and Communications in October last year. He has since secured a full-time position as a Radio Technician in our Enterprise and X41 underground copper operations.

Sam’s success at a state level follows his win at the Northern Region final in Townsville in July.

Congratulations Sam, and we look forward to watching your career grow at our operations in the years ahead.

Mine Rescue squad set for the challenge

In October, members of the Mount Isa Mines Mine Rescue squad will compete in the Victorian Mine Rescue Competition held at Yallourn Mine in Victoria’s Latrobe Valley.

The event, run by the Minerals Council of Australia, will see our six-person composite team go head-to-head with 11 mine emergency response teams from across the country in a range of exercises designed to challenge even the most experienced teams. These include fire fighting, vertical rope rescue, search and rescue, and the ‘Spence Herd’ challenge, an exercise designed to test, encourage and develop team cohesion and values.

Good luck to the Mount Isa Mines Mine Rescue squad, and we look forward to bringing news of the team’s performance at the competition in the next edition of Mine to Market.
Mining gentleman’s memory honoured with AIMS fellowship

On 13 August, former Mount Isa Mines employee Tim Underhill was posthumously awarded the status of Fellow by the Australian Institute of Mine Surveyors (AIMS), with the organisation’s University of Southern Queensland scholarship renamed in his honour in recognition of his contribution to the mine surveying profession.

Tim was a charming and much admired member of the Mount Isa Mines team for 14 years, where he worked with pride and dedication before his tragic passing in July last year.

Born in Lusaka, Zambia, Tim emigrated to Australia in 1995 with his family where, after overcoming a number of challenges in having his skills recognised in a new country, he found work at Mount Isa Mines as a Mine Surveyor in 2000.

Four years later, Tim was promoted to the position of Senior Mine Surveyor at George Fisher Mine (GFM).

Johannes Grobler, Principal Mining Engineer GFM worked alongside Tim for seven years and remembers him as a charming, honest, hardworking gentleman who loved his family, friends and workmates.

“Tim’s passion and dedication to his work in the mining industry was second to none and he leaves a successful professional legacy behind him,” Johannes says.

“Tim was passionate about survey as a mining function and involved in many continuous improvement initiatives to ensure our practices evolved along with our growing operations.

“He had a great rapport with his staff, and many employees viewed him as a father figure as he thought nothing of going the extra mile to make sure they were settling in on the job and into the Mount Isa community.

“He is sadly missed by all those who were lucky to call him a colleague and a friend, and I can’t think of a more fitting way of honouring Tim’s professional contribution than through this Fellowship, and the naming of the AIMS scholarship in his memory.” – Johannes Grobler, Principal Mining Engineer GFM

“Tim’s passion and dedication to his work in the mining industry was second to none and he leaves a successful professional legacy behind him,”

Johannes Grobler, Principal Mining Engineer GFM
A series of morning teas were held at Ernest Henry Mining (EHM) in June and July to recognise employees who have achieved 10 years of service with the company.

Twenty-five employees reached this milestone in the first half of 2015, with a further seven expected to celebrate 10 years with the business later this year.

All employees who reach this milestone receive a letter of congratulations from the Senior Management team, assorted vouchers and a commemorative mug.

EHM commenced commercial production in March 1998 and with a Life of Mine until at least 2026, we look forward to celebrating employees who will reach 20 years of service in the years to come.
In June, Brad Miller, Senior Geologist Ernest Henry Mining (EHM) gave Year 8 Cloncurry State High School students a chance to put down the books and gain a rare insight into one of the intricacies of the mining industry – geology.

Brad conducted an interactive session with the class, providing information and samples representing EHM’s mineralogy. Brad also explained how rocks and mineralisation is formed as well as the process for classifying different types of rocks. Students were then tested with a practical group exercise to identify a collection of rocks as sedimentary, metamorphic or igneous.

Melanie Kelly, Year 8 teacher at Cloncurry State School says the lesson was a valuable opportunity that allowed students to get practical and hands-on experience under the watchful eyes of an expert, while building an understanding of the different career options available in the mining industry.

“It was such a beneficial experience for the students to be able to ask Brad questions about geological processes, his role as a geologist and the EHM operations,” Melanie says.

“We thank Brad and EHM for taking the time to visit and help us with this topic.”

Students use a scribe pen to test the denseness of a rock sample to determine its geological classification.
In June, Mount Isa Mines hosted Year 11 and 12 students from across Queensland for the annual Make It Now In Trades (MINT) camp and a Make It Now Engineering (MINE) camp in conjunction with the Queensland Minerals and Energy Academy (QMEA).

Future skilled tradies from Spinifex College in Mount Isa enjoyed working alongside and learning from current Glencore apprentices and supervising tradespeople by rebuilding old bikes found at the local dump and modifying them to include motors and gears during the MINT camp.

Students from Mount Isa, Brisbane and Gladstone interested in professional careers within the Mining and Resources industry attended the MINE camp where they were mentored and trained by our site Engineering and Technical representatives to solve real problems faced on mine sites.

Daniel Rea, Outreach Officer for QMEA believes the camps are a great opportunity for students thinking about careers in the mining and resources sector.

“The camp allows students to get out of the classroom and find out what life as an engineer or tradesperson on a working site is like and that is an amazing opportunity.

“Particularly before they head to vocational training or university, these camps let students get a feel for what they are in for,” Daniel says.

Students that attended the MINT camp toured Glencore’s rebuild workshop and presented to management on safety, teamwork and communication skills that they learned throughout the camp.

The MINE camp students helped redesign water-use infrastructure and presented their projects to our senior mining professionals.

Matt O’Neill, Chief Mining Officer North Queensland Copper Assets says the sponsorship of these camps is a valuable investment in the future of the mining sector.

“The camp provides us with the chance to inspire secondary school students in Queensland to give a career in the mining industry a shot, and gives students the chance to get a taste of what to expect on a working mine site.

“We hope that by working with QMEA and supporting these camps we will ultimately encourage a new generation of future engineers and tradespeople into our workforce.

“We’re excited to play a part in helping today’s school students develop the skills and experience they need to succeed in this industry.”

Hands on activities were a key part of the learning experience during the QMEA camps.
Mark Lamberth’s 84-point ride on ‘Spin to Win’ secured him the 2015 Mount Isa Mines Rotary Rodeo Open Bull Ride title, even though he was bucked just short of the eight second mark.

From 7 to 9 August, Mount Isa was a sea of cowboy hats, shiny belt buckles and leather boots for the action packed 2015 Mount Isa Mines Rotary Rodeo, sponsored by Mount Isa Mines for the 59th year.

More than 20,000 spectators and rodeo enthusiasts gathered over three days of non-stop action to see some of the nation’s top competitors at Australia’s biggest rodeo.

This year’s rodeo attracted more than 600 cowboys and cowgirls competing for a total prize pool of $200,000 in events such as saddle bronc riding, bareback bronc riding, bull riding, rope and tie, steer wrestling, team roping, ladies barrel racing, ladies breakaway roping and poddy rides.

Natalie Flecker, Manager Mount Isa Mines Rotary Rodeo said rodeo this year was about the huge crowds, amazing atmosphere, and the best competitors and stock in Australia.

“Competitors were thrilled with this year’s event, the stock has been good, the judging has been great and we’ve had fantastic crowds,” Natalie said.

Despite taking on the best cowboys in the county, the bulls reigned supreme in the Open Bull Ride, with no competitors riding time in the event.

Former Mount Isa cowboy Mark Lamberth took out the Open Bull Ride by pulling together an 84-point ride before being bucked by his bull ‘Spin to Win’ short of the eight second mark.

Winners of other events included Michael Maher in the Open Saddlebronc, Matthew Markinson in the Open Bareback, Heath Nichols in the Rope and Tie, Errol Frame in the Steer Wrestling, Kelly Westlake in the Ladies Breakaway Roping and Jo Caldwell in the Ladies Barrel Racing event.

2015 Golden Guitar finalists ‘The Wolfe Brothers’ headlined the entertainment lineup, drawing huge crowds and bringing their special brand of modern country rock to the rodeo stage. Other entertainment included stars Caitlyn Shadbolt, Mick Lindsay and Tania Kernaghis.

Outside of the arena, Mount Isa hosted a week-long program of events including the Queen Quest Rodeo Ball, Bush Poet’s Breakfast, Isa Street Festival, Mailman Express, Mardi Gras, and Best Dressed Premises competition.

Mount Isa Mines won ‘Best Commercial Float’ in the Mardi Gras street parade with the float themed with props, masks, and lights to celebrate the 60th anniversary of the Mount Isa Theatrical Society.

A huge thank you to our 2015 Mardi Gras Float Construction Project team, Byron Moore, Gail Maxfield, Wayne Watt, Zach Raymond and Michael Godwin for dedicating their time, effort and creativity to ensure our float was a hit with the Mount Isa community.

There was even more action in Cloncurry with the district hosting the Cloncurry Stockman’s Challenge and Campdraft, Quamby Rodeo and the Curry Merry Muster Festival in July and August.

Supported by Ernest Henry Mining (EHM), all three major events drew crowds from right across the country.

The Cloncurry Stockman’s Challenge kicked off on 9 July at the Cloncurry Equestrian Centre and the calibre of talent showcased demonstrated why the event is regarded as one the greatest horse events in Australia.
Joshua Smith won the EHM Open Challenge, followed by Charlie Barker who came a close second and Nathan Wilson who placed third.

Next on the calendar was Quamby Rodeo held on Saturday 25 July.

EHM provided funding for Townsville band ‘Mothers Second Choice’ to keep the crowd boot-scooting until the early hours of the morning after the rodeo action.

The jewel in the rodeo crown was the EHM Curry Merry Muster Festival, held from 30 July to 2 August.

The Australian Light Horse Regiment was honoured in the theme for the Merry Muster Street Parade, which marked the beginning of the festival on the Thursday evening. EHM won the titles of ‘Most Authentic Float’ and ‘Best Dressed Individuals’.

One of the highlights of the festival was the inclusion of the first ever Junior Rodeo, which attracted almost 100 competitors ranging from two to 18 years.

Cowboy Ben Gooding won the Open Bull Ride competition with a spectacular performance, making eight seconds on the Gill Brothers Rodeo bull ‘Splinter’. 
Glencore mining operations battle it out in the Border Ride

On 1 August, three teams from Glencore’s Mount Isa Copper Operations (MICO), George Fisher Mine (GFM) and Ernest Henry Mining (EHM) went head-to-head in the annual Mount Isa Border Ride, braving the early morning chill to saddle up and cycle to the border town of Camooweal, all in the name of charity.

Celebrating its eighth year in 2015, the Border Ride is about having fun, raising money for charity and participating in what is regarded as one of north Queensland’s most challenging and fastest growing events.

This year’s Border Ride was the best year yet for registrations, with 137 riders signing up to complete the gruelling 200-kilometre ride.

Seventy employees from EHM, GFM and MICO participated in what has been dubbed the ‘Battle of the Mines’ challenge.

The 13 riders making up the EHM team, captained by Peter Christen, Underground Manager EHM, were deeply motivated to complete the ride to raise funds for childhood epilepsy, a condition that has affected Peter’s daughter Olivia.

Olivia was treated for childhood epilepsy in 2014, a process requiring intensive brain scans and neurosurgery.

Peter says without this treatment Olivia would not be the healthy and happy three-year-old she is today.

“This is why we signed up for the 2015 Border Ride,” Peter says.

The EHM team’s amazing effort saw them take home the ‘Highest Percentage of Team Completion’ honour, with six out of seven team members all completing the Isa to Camooweal ride to cross the finish line.

GFM team captain Ross Lovejoy, Superintendent Mine Services says he was overwhelmed by the level of support from the 31 GFM employees who signed up for the challenge, and whose massive effort secured them the ‘Best Team Participation’ title.

“I started out hoping to get about eight or 10 riders involved in the team so securing 32 riders was a great result,” Ross says.

“On behalf of the team I’d like to thank GFM management and Redpath Australia for supporting our involvement in this event.”

MICO team captain Simon Pope, Mine Manager MICO says his team was focused on point scoring – an approach which saw them take out the ‘Fastest Team’ award.

“A big congratulations to MICO team members Graham Peden and Mel Rowland for being the first male and female ‘Battle of the Mines’ competitors to cross the finish line,” Simon says.

Graham came second in the overall event with a time of five hours and 56 minutes, while Mel did MICO proud by finishing first in the womens competition in just seven hours and 13 minutes.

“It was a tough ride and wind conditions did not make it easy; so well done to everyone who gave it a shot,” Simon says.

Mount Isa Mines is a proud supporter of the annual Mount Isa Border Ride through our Community Assistance Program.
The 2015 Glencore Great Western Games was held over two weekends in July, with more than 2,400 participants competing in 21 sports hosted by sporting clubs and towns along the Overlander Way.

Each town hosted events such as Athletics and Netball in Charters Towers, Rugby 7’s and Gymnastics in Hughenden, Rugby League in Richmond, Soccer in Cloncurry, Rodeo in Quamby, and BMX, Hockey and Lawn Bowls in Mount Isa.

The biennial event continues to grow, demonstrating the keen interest in sport in our region and our strong sense of community and pride.

This year, several annual events including the Outback to the Stack half marathon, and the annual Quamby Rodeo formed part of the Glencore Great Western Games.

Andrew Bligh, Chief Executive of the North Queensland Sports Foundation says 2015 proved to be the most successful Glencore Great Western Games yet, with participation numbers exceeding expectations for a fourth year running.

“The continued success of the Glencore Great Western Games proves that communities enjoy coming together through sport,” Andrew says.

“The Games deliver both a competitive and positive experience which ultimately enriches the region through camaraderie and economic benefit.”

“The North Queensland Sports Foundation and Glencore make a formidable team, and are proud to be able to bring the Glencore Great Western Games to the sporting people of north west Queensland.”
Mount Isa Mines will provide funding and in-kind assistance to allow the Mount Isa Rugby League (MIRL) to install showers at Alec Inch Oval to bring its facilities up to standard.

Following the sold-out Broncos V Cowboys trial game played at Alec Inch Oval in 2013, it became clear that the ground’s lack of suitable shower facilities would be a barrier to securing a similar rugby league showcase in the future.

The new change rooms will enable the MIRL to host NRL pre-season trial games and Intrust Super Cup football games, as well as attract regional rugby league tournaments to Mount Isa while enriching sport and recreation opportunities for MIRL members and players who use the grounds every week during footy season.

Glencore conducts a biennial Community Attitudes and Stakeholder Survey to ensure we are investing our community development funds where they’re going to deliver the greatest benefits for local people.

Denis Hamel, Executive General Manager Mount Isa Zinc Assets says the company’s decision to fund the new shower block was based on community feedback demonstrating local people wanted greater access to improved recreational facilities, as well as an increase in community events and activities to make Mount Isa a more vibrant place to live.

“Mount Isa has a long history of producing some of the country’s best known athletes, so having access to suitable facilities where local sporting groups can continue in this grass roots tradition is something that’s really valuable in building the fabric of our community,” Denis says.

“Similarly, events like NRL pre-season trial games and regional tournaments increase entertainment options, improve the liveability of Mount Isa, boost the local economy and help shine the spotlight on our region.

“The fact that a lack of a shower block was standing in the way of Mount Isa qualifying to host these types of events was something we saw we could address, so we did.”

“Supporting this initiative is something we’re very excited to be part of.”

Shaun Wilde, Mount Isa Rugby League Senior Competition President says he is happy to see the project finally come to fruition.

“This has been a priority for the MIRL for some time now and the benefits this will bring to our sport can’t be underestimated,” Shaun says.

“Footy has been growing in Mount Isa in the last few years and we need to ensure MIRL continues to grow with the wider Mount Isa community.

“While it’s only a game to some people, footy is a great leveller as it offers opportunities on and off the field for many of the people involved.

“On behalf of the MIRL family, I would like to thank Mount Isa Mines for supporting our new shower facility project.”

The new shower facility will be ready for use by the start of the 2016 rugby league pre-season.

Mount Isa’s rugby league grounds will soon be home to functional change rooms complete with showers thanks to a grant provided by Mount Isa Mines.
GCPNQ reaching new heights in 2015

Our 2015 Glencore Community Program North Queensland (GCPNQ) partners have hit some key project milestones so far this year, and are well on their way to building healthier, happier, smarter, safer and more vibrant communities across north Queensland.

This year Glencore invested more than $1 million in GCPNQ funding to support community development initiatives in Mount Isa, Cloncurry, Camooweal, Townsville and Bowen.

Here, we bring you an update from more than three of our 2015 GCPNQ partners kicking project goals, and celebrate success of their initiatives.

Legends return to Mount Isa and Cloncurry for the ‘On the Ball’ school holiday program

In July, the Stride ‘On the Ball’ school holiday program returned to Mount Isa and Cloncurry to deliver health education and life skills workshops; an initiative supported by the GCPNQ since 2011.

Through engagement in sport, the workshops aim to give young people, particularly those living in remote communities, the best chance to develop their potential through positive role modelling, mentoring and employment, and the opportunity to build positive and meaningful lives.

NBL Brisbane Bullets legend Leroy Loggins was joined by Townsville Fire guard Micaela Cocks in the Cloncurry workshop, Sydney University Flames and Australia Opals small forward/shooting guard Rohanee Cox in the Mount Isa workshop and former Wollongong Hawks forward Cam Rigby.

The next workshops will be held in December.

Hear and Say expands services for our region

This year with the help of GCPNQ funding, Hear and Say has been able to expand its services and programs by moving to a larger premises at James Cook University and employing an additional Speech and Language Therapist in Townsville.

For more than 23 years, Hear and Say has provided Queensland children experiencing hearing loss access to sound, speech and language. However the missing link for Townsville had been the establishment of a centre with the space and resources to meet anticipated demand across north Queensland.

With a larger centre and two therapists in Townsville, north Queensland children supported through the centre no longer have to travel to Brisbane for audiology tests and visits to specialists. The facility also provides a referral centre closer to home for parents from north western communities with babies diagnosed with hearing impairment at birth.
Books in Homes delivered for Term 2

More than 1,800 school students from eight schools across north Queensland received their Books in Homes books in Term 2.

Books in Homes Australia is a not-for-profit charitable organisation that helps underprivileged children improve their literacy skills and develop a lifetime love of reading. Ultimately, these skills will broaden their opportunities later in life.

Through the program, students at participating schools receive a special carry bag with a total of nine books per year to build their collection at home. Each participating school also receives an additional 144 books annually through the program to keep its library reading material fresh and exciting for students.

Our north Queensland operations first partnered with Books in Homes in 2006 and our support has continued to grow.

Laura Johnson Home’s stage 2 construction commences

Construction has commenced on the next stage of redevelopment of the Laura Johnson Home, supported by the GCPNQ.

Stage 2 involves converting 34 low care rooms to create 12 new one, two and three-bedroom apartments, which will provide access to affordable staff accommodation for Laura Johnson care staff, as well as other community-based health and care workers.

Duncan Cunningham, Laura Johnson Board Vice President says the project aims to assist with the attraction and retention of staff in the health and aged care field by providing affordable staff accommodation, while adding to the home’s sustainability.

“The provision of staff accommodation enhances the sustainability of our facility by providing quality, affordable apartments to help attract and retain high quality care staff for our facility and for the community,” Duncan says.

Construction commenced on the apartments in June and will continue for nine months, sustaining around 40 jobs over that time.
Local Mount Isa company Trevor Morris Builders will oversee the project while using 14 local subcontractors, of which 95 per cent are small businesses in Mount Isa.

Perc Tucker Regional Gallery – WOW! World of Wearable Art

From 29 May to 12 July, almost 45,000 visitors flocked to view the range of breathtaking garments on display as fashion and art collided at the WOW! World of Wearable Art exhibition, shown exclusively in Australia at the Perc Tucker Regional Gallery in Townsville, supported by the GCPNQ.

WOW has been one of New Zealand’s cultural success stories over the past 27 years, with spectacular growth of the annual design awards show blossoming at the intersection of fashion and art.

The rules of competition dictate that anything that is in any way wearable can find a place on stage, as long as it’s original, beautifully designed and well-made.

This unique event has encouraged an explosion of creativity, inspiring a wide range of fashion designers, artists, costume-makers and other artisans from all over the world to enter the awards.

Alongside the exhibition, free educational activities for schools and weekend family fun activities were on offer.

New building caters for senior schooling at Cloncurry’s St Joseph’s Catholic School

In May, construction of the new Junior Secondary Building at Cloncurry’s St Joseph’s Catholic School was completed, thanks to GCPNQ funding.

The new Junior Secondary Building will allow St Joseph’s to provide secondary schooling from Year 7 to Year 9, allowing local children to continue their education at the school into their teens.

Through the GCPNQ, Ernest Henry Mining (EHM) partnered with St Joseph’s to support the fit-out of the science classroom and laboratory and the Industrial Technology and Design classrooms, including facilities for graphics and manual arts classes.

The building also provides three general classrooms, a resource library and staff facilities including a meeting room and office space.

A sponsors evening was held on 23 July to thank the many local businesses, pastoralists, mining companies and the Cloncurry Shire Council, all of whom contributed funding towards the building.

The evening included guided classroom tours with students showcasing their work and gifting sponsors with a plaque of appreciation that students made using a 3D printer in their new graphics classroom.

The Junior Secondary students commenced classes in the new building on 18 May and the building was officially opened and blessed in August.
Mount Isa Campdraft competitors were keen to see the return of the event, following an eight-year hiatus while a new campdraft venue was built.

MasterChef contestant Daniel Churchill (left) and country music star Troy Cassar-Daley (right) enjoy the Mount Isa Health Expo.

(From left) Peter Christen, Underground Manager EHM, Gail Wipaki, Cloncurry Unearthed Visitor Information Centre and Museum Manager and David Neeves, CEO Cloncurry Shire Council officially open the new interactive EHM display at the museum on 4 July.

Mount Isa Golf Club President Peter Montgomery in the newly refurbished Mount Isa golf club kitchen.

Cloncurry community member Christine McDonald checks out the new EHM interactive display.
Events season rocks the north west!

With the onset of the mild, mid-year weather in the north west came the start of the region’s annual ‘events season’, with community favourites Outback to the Stack, the Mount Isa Campdraft, the Mount Isa Golf Open, the Mount Isa Health Expo, and the anticipated unveiling of a new display at the Cloncurry museum filling up social calendars in Mount Isa and Cloncurry.

**Funded through Glencore’s north Queensland Community Assistance Program (CAP), these events reflect our belief that the communities in which we operate should benefit from our operations, and help us to build the diversity, liveability and vibrancy of our communities.**

CAP funding is awarded to local community organisations and not-for-profit groups on a quarterly basis each year. The funding supports local groups to deliver sustainable services, projects, and community initiatives to address our communities areas of most need.

Here, we bring you a wrap of the Glencore supported events held throughout July and August across the north west.

**OUTBACK TO THE STACK**

In July, the 2015 Outback to the Stack Running Festival was held in Mount Isa with participants competing in 21.1 kilometre half marathon run or walk, five kilometre and 10 kilometre events.

Almost 200 competitors over the four events commenced their races at various locations along the Lake Moondarra Road in Mount Isa in staggered starts to ensure that all competitors crossed the finish line at Tony White Oval by mid-morning.

The winner of the Mens Half Marathon in a time of one hour and 23 minutes was Josh Stephens, while his partner Marie Sorrell took out the womens division. The Perth-based couple had been travelling the region and visited Mount Isa especially to compete in this growing outback event.

**MOUNT ISA CAMPDRAFT**

Following an eight-year break, the Mount Isa Campdraft returned in spectacular fashion in 2015 in a new venue.

Mount Isa’s new campdraft grounds were unveiled after more than two years of preparation, hundreds of volunteer hours and a whole lot of hard work to transform the former Lagoon Park speedway into a first class campdraft arena.

Sponsored by Mount Isa Mines, the event attracted more than 250 competitors from as far away as the Northern Territory, Victoria and Warwick in southern Queensland.

Campdrafter Ben Hall secured a win in the Open Draft with a massive 275 points. Bull and Bullock Ride events were held on Saturday night drawing large crowds.

**MOUNT ISA GOLF OPEN**

In July, the annual Mount Isa Golf Open drew hundreds of competitors across a range of mens and ladies events.

Mount Isa Mines sponsored the Golf Open, which was won by golfer Chris Crouch with a tournament high gross score of 70, 73, 71, and 76 finishing with a total of 290.

In addition to supporting the Mount Isa Golf Open, Mount Isa Mines funded a kitchen refurbishment project at the Golf Club facility which allowed the club to renovate its kitchen with modern catering and hospitality equipment.

Since the project has been completed, the Mount Isa Golf Club has expanded its menu, reliably services customers regularly on weekends, and can now host events including weddings.

**MOUNT ISA HEALTH EXPO**

In July, the second annual Mount Isa Health Expo showcased a range of health, wellness and lifestyle exhibits, demonstrations and interactive activities to members of the Mount Isa community.

Supported by Mount Isa Mines, the Health Expo aims to educate the public on the health and wellbeing services available in our community while encouraging and fostering healthy living.

Award-winning country music artist Troy Cassar-Daley performed for visitors, while former MasterChef contestant and nutritionist Daniel Churchill delivered a cooking demonstration.

Glencore joined the North West Hospital and Health Service (NWHHS) to host a mental health awareness and suicide prevention information stall at the Health Expo.

In 2013, Glencore forged a partnership with NWHHS to deliver a suicide prevention project to our north Queensland workforce. The project provided valuable awareness and suicide prevention training to site supervisors, Health and Human Resources Personnel as well as a tailored program and support services to our north Queensland workforce.

**NEW EHM INTERACTIVE DISPLAY**

A new Ernest Henry Mining (EHM) display at the Cloncurry Unearthed Visitor Information Centre and Museum encourages visitors to explore the history of our operations.

The interactive display tells the story of EHM from our beginnings as an open pit mine through to our current underground operations; how we mine, process and use copper and our contribution to the Cloncurry community.

The display was officially opened on 4 July by Peter Christen, Underground Manager EHM, David Neves, Chief Executive Officer Cloncurry Shire Council and Gail Wipaki, Manager of the Cloncurry Unearthed Museum.

Peter Christen says it was an honour for EHM to have a dedicated display about our mining operations featured in the museum.

“We’ve been part of the Cloncurry community since 1997 and it’s good to see the Cloncurry community and visitors interested in learning about our operations,” Peter says.

EHM provided support to fund a touch-screen kiosk and to create the interactive content for the display.
2015 NAIDOC Week

We all stand on sacred ground: Learn, respect and celebrate

Spiritual connection to the land focus for 2015 NAIDOC celebrations

In July, Glencore supported a variety of 2015 NAIDOC Week activities in Mount Isa and Cloncurry in celebration of Indigenous history and culture.

This year’s national NAIDOC theme was chosen to highlight the 30th anniversary of the return of sacred site Uluru to its traditional owners, the Anangu people, in 1985.

In 2015 Mount Isa Mines continued our sponsorship of the annual Seniors Luncheon in Mount Isa where more than 120 Indigenous seniors shared memories, stories about the challenges and successes of the past and their hopes for the future along with a three-course meal, entertainment and speeches.

This year, we also supported the inaugural Indigenous Men’s Breakfast. This event was an opportunity for Indigenous men to come together and share their stories, demonstrating what can be achieved by working together and supporting each other and their communities through respect, love and commitment.

Mount Isa Mines’ Health, Safety, Training and Community Relations staff were joined by some of our operations’ current Indigenous Employment Program trainees in hosting a community stall at the 2015 NAIDOC Family Fun Day. This provided a platform for our people to engage with more than 100 community members enjoying markets and entertainment at George McCoy Park.

NAIDOC Week in Cloncurry saw local Rugby League hero Kieran Moseley and traditional dancers share their stories and talents with the community.

An array of celebration activities were held during the week, including a Careers Day, NAIDOC march, traditional dance performances, Seniors Luncheon and a flag raising barbecue.

Ernest Henry Mining (EHM) provided funding for the Big Eye Theatre Company to perform traditional aboriginal dances at a combined school parade on Friday 17 July.

The parade also saw students from both schools perform a variety of songs and jump rope routines influenced by Indigenous culture and stories.

EHM also hosted a stall at the NAIDOC Careers Day on Wednesday 15 July to offer employment and career information to interested students and community members.

During the Careers Day young Gold Coast Titans hooker and Cloncurry local, Kieran Moseley spoke to students about how he reached his National Rugby League dreams and how important coming back to Cloncurry is to him for maintaining his identity and connection with his culture.
The Lifting and Cranage Fatal Hazard Protocol aims to eliminate or minimise the potential for fatalities, injuries and incidents arising from risks associated with lifting and cranage activities.

CRITICAL CONSIDERATIONS

- Persons must NOT under any circumstances enter an area under a suspended load.
- Crane/lifting equipment must have at least 20 metres clearance from all power lines unless a risk assessment is undertaken to determine controls to allow for operations within 20 metres.
- Tag lines must be used where a load requires steadying or guidance.
- Equipment used for towing must not be used for lifting activities.
- All crane hooks must be fitted with a positive safety catch, unless exempted.

RELATED LIFE-SAVING BEHAVIOURS

Life-Saving Behaviours are intended to save lives and by following them we protect people from potential fatal consequences. The following Life Saving Behaviours are critical in working with Lifting and Cranage.

- **△ 1.** Always come to work drug and alcohol free.
- **△ 2.** Always use or wear critical safety equipment.
- **△ 4.** Only operate equipment if trained and authorised.
- **△ 6.** Never modify or over-ride critical safety equipment without approval.
- **△ 8.** Never enter Danger Zones.
- **△ 9.** Always report injuries and HPRIs.

LIFTING AND CRANAGE
Mount Isa now boasts the world’s most remote symphony orchestra which performed the
*Symphony of the Inland Sea* to a full house at the Queensland Music Festival (QMF) *Mount Isa Celebrates*.

In July, Mount Isa hosted the QMF event, where 300 of Mount Isa’s talented musicians played alongside a star-studded line up of performing artists including James Morrison, vocalist Emma Pask, concert pianist Ambre Hammond, violin virtuoso Ian Cooper, and the John Morrison trio.

The Mount Isa Community Ensembles, the Mount Isa Community Chorus and Combined Schools Choir received a standing ovation after its opening night world premiere performance of *Symphony of the Inland Sea*, a musical work composed especially for this event.

James Morrison, Artistic Director QMF says the formation of the Mount Isa Community Ensemble was a huge legacy achievement for the festival and Queensland arts in general.

“Mount Isa is well known for many things and can now also boast a symphony orchestra,” James says.

“It is a joy for the Festival to work with such a passionate community and we have no doubt that music in Mount Isa will continue to grow and prosper.”

The QMF team performed a special schools show, sponsored by Mount Isa Mines, where nearly 800 school students had an opportunity to see the QMF’s performing artists.

These performers also visited Mount Isa schools to give special performances.

Mount Isa music teacher Yvonne Moore said the *Mount Isa Celebrates* performance was the result of a year’s hard work where the QMF visited Mount Isa on a monthly basis in the lead up to the show to share their knowledge and skills, and leave a lasting legacy in Mount Isa.

“I’m very proud that the Mount Isa Community Ensembles has been given the opportunity to be involved in such a huge project,” Yvonne says.

“For our city to boast its own symphony orchestra and its own commissioned work is beyond words.

“I knew from the first night of production week that our orchestra was going to shine, and I extend a special thanks to our dedicated team of music teachers because the success of a project such as this is due to their hard work and musical inspiration.”

Conductor Sean O’Boyle leads the most remote symphony orchestra in the world through the *Symphony of the Inland Sea*.

Professional development opportunities for local musicians and music teachers were a key part of the QMF’s program.
Glencore provided funding for the purchase of machinery, tools and equipment to help meet the Vincent Men’s Shed objective of building a community for men within a shed environment.

Men’s Sheds are fast being recognised as valuable places for men to meet and connect. The Vincent program includes a functioning workshop, men’s health consultants, regular barbeques, forums and discussion groups relating to men’s issues.

Julie Mullen, Vincent Men’s Shed Group Manager of Fundraising says the community space is a place where men can tinker with tools and share friendship.

“Glencore provided funding for the purchase of machinery, tools and equipment to help meet the Vincent Men’s Shed objective of building a community for men within a shed environment.”

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On 30 May, representatives from Glencore’s Townsville operations celebrated the official opening of the Vincent Men’s Shed, supported through our Community Assistance Program (CAP).

“The shed fosters a sense of renewal, of belonging, builds connections and opens channels of communication for those who feel socially isolated,” Julie says.

Shed users, or ‘shedders’, are welcome to use the facility to work on their own projects, assist in projects to benefit not-for-profit organisations or help with various community fundraising initiatives.

“With the valuable assistance of Glencore, the Vincent Men’s Shed will grow to be hub in this community, a place for men to connect and live fuller lives.”

Paul Taylor, Manager Townsville Copper Refinery (right) accepts a Certificate of Appreciation on behalf of the business for our contribution to the Vincent Men’s Shed from Dean Phelan, CEO Churches of Christ Queensland.
Look Smart & Listen Well

PROTECT YOUR EYES:

The eye is an extremely delicate organ and permanent vision loss can result from a relatively minor injury. Ordinary eyewear does not adequately protect you against injury, in fact contact lenses may make an eye injury worse.

Why risk losing precious eyesight when wearing safety glasses can keep your eyes safe?

Safety glasses must conform to a higher standard of impact resistance than regular eyeglasses and they may have prescription or non-prescription lenses. Regardless of their size or the durability of the frame and lenses, regular eyeglasses do not qualify as safety glasses unless they meet specific criteria.

Any job that involves airborne particles or hazardous substances carries a risk of eye injury. Handling chemicals under high pressure or managing a strap under tension which may suddenly release can be added risks.

The risk of workplace eye injuries is reduced if proper prevention measures are followed. Pay attention to your working environment and always wear eye protection whenever and wherever it is required.

HEAR FOR LIFE:

Hazardous noise affects the functioning of the inner ear which may cause temporary hearing loss.

After a period of time away from noise, hearing may be restored. With further exposure to hazardous noise, the ear will gradually lose its ability to recover and the hearing loss will become permanent.

Permanent hearing loss can occur suddenly if a person is exposed to very loud impact or explosive sounds. This type of damage is known as acoustic trauma.

Permanent hearing loss results from the destruction of hair cells in the inner ear. These cells cannot be replaced or repaired by any currently known medical treatments or technology.

Usually, hazardous noise first affects the ability to hear high-frequency (high-pitched) sounds. This means that even though a person can still hear some sounds, conversation will start to sound ‘muffled’ and a person may find it difficult to understand what is being said. Communication difficulties occur especially when there are competing background noises. Modern hearing aids may improve the ability to hear speech but they are unable to completely restore the clarity of the full hearing function.

You can protect your hearing by ensuring you are always wearing well-fitting, task appropriate hearing protection wherever and whenever it is required, as well by introducing noise controls in your workplace.

If you’re not sure whether your PPE is sufficient, or for more information, speak to your supervisor or contact a member of your area’s Health and Safety or site Occupational Hygiene team.
Announcements

Congratulations to Emily Angwin, Claims Co-ordinator, Workers’ Compensation Unit and her partner John on their engagement.

Congratulations to Corey Barry, Driller Mine Development MICO and Lucy Williams, Administration Assistant, Operations GFM on their marriage on the Sunshine Coast on 15 May.

Congratulations to Broadus Jeffcoat-Sacco, Rock Mechanic Engineer GFM and his wife Elena on their marriage in Rockhampton on 4 July.

Congratulations to Robert Blyth, Acting Manager Contracts and his wife Natalie on the birth of their son Cooper on 16 July.

For Sale

2005 Ford Transit dual cab truck, 250,000 km. Six seats, UHF, spotlights, CD player, large toolbox on tray, sunken gooseneck ball under tray. Great little work truck, well maintained, very reliable and has plenty of go. Would suit someone looking for more room for a family or decent work truck with a big tray. $19,000. Phone 0429 855 734.

2005 X type Jaguar, 97,000 km, registered until June 2016. Will come with RWC. Leather interior, a must see. $25,000. Phone 0419 787 327.

Kincrome 16-drawer toolbox stack with fridge and stereo. $2,000 ONO. Viewings and full specs available. Phone 0457 475 398.

Husaberg FE501 motorcycle. Last one built, 25th anniversary model with extra bling and akropovic exhaust, special sticker kit still in bag, Scott steering damper, alloy sump guard, pivot pegs. Only 42 hrs on the clock, very good condition. $10,900 ONO. Phone 0427 095 707.

Calendar of Events

SEPTEMBER

4   Multicultural Festival
5   Mount Isa Race Club Race Day
12  Cloncurry and District Race Meet
12  Ernest Henry Memorial Art Show
14–20 Bowen Art Society – Annual Exhibition and Art Awards
19–20 Relay for Life
19  Cootharinga ‘Walk With Me’ Charity Walk
26  Spring Cup Race Day

OCTOBER

10  Casa Grande Ball
10–11 Townsville Glencore Greek Fest
16  Rock Pop Mime Show
17  Northern Outback Business Awards
23–25 Lake Moondarra Fishing Classic

Environmental credentials

Mine to Market is printed on Impact paper stock.

Impact is made with a carbon neutral manufacturing process* It is well priced, FSC COC certified and consists of 100% post consumer waste recycled fibre.

* Mill use 86% renewable energy, meaning emissions generated by producing Impact are incredibly low. The remaining unavoidable CO₂ emissions are compensated for by promoting controlled emission reduction projects, audited and certified by Climate Partner. The life cycle analysis tracks Impact from raw materials through to K.W. Doggett Fine Paper Warehouses nationally.
SWITCH YOUR HEALTH INSURANCE & STAY AHEAD OF THE GAME.

We are thrilled to offer all Glencore Copper & Zinc employees discounted private health insurance & special benefits through the Glencore Corporate Health Plan.

Visit our friendly team in branch at 70 Camooweal St, Mount Isa

Laura Geitz, Australian Netball Captain