Xstrata Mount Isa Mines inducted into Hall of Fame

Xstrata commits $750,000 towards Cloncurry Community Precinct Project

Mine Rescue gets competitive
Welcome

We are proud to announce that Xstrata Mount Isa Mines was inducted into the 2010 Queensland Business Leaders Hall of Fame by Her Excellency, Ms Penelope Wensley AO, Governor of Queensland, at the annual awards ceremony held in Brisbane on 14 September. This achievement recognises Xstrata Mount Isa Mines’ sustained and outstanding contribution to Queensland’s economic development, the mining industry and rural development. More information is available on pages six and seven.

At Ernest Henry Mining (EHM), construction works for the underground shaft are progressing well with earthworks for the headframe completed in late August and civil works now underway. The magnetite base plant is also progressing well with civil works nearing completion. For a more detailed update on these projects, please refer to page nine.

Across our organisation, we continue to strive towards continuous improvement in operational and Sustainable Development areas. The Mobile Maintenance team at Xstrata Zinc's George Fisher Mine completed their first truck rebuild at the Southern Cross Workshop showing the cost effectiveness of completing competitive rebuilds in house. Further operational efficiencies have also been achieved at Xstrata Zinc's laundry facility in Mount Isa. Please refer to pages 15 and 18 for more information.

A continued commitment to safety has seen the Mount Isa Mine Rescue team recruit 11 new members into the squad. We recognise the vital role that the Xstrata Mount Isa Mines and EHM emergency response teams play in ensuring the safety of our workforce and we look forward to the annual Mines Rescue competition in October. Please refer to pages two and three for more information.

Turning to the north Queensland events calendar, the Xstrata Percival Portrait Awards opened on 3 September and the Xstrata Greekfest is preparing for another successful festival in Townsville from 9 to 10 October. In Mount Isa, fishing fans are looking forward to the Xstrata Mount Isa Lake Moondarra Fishing Classic to be held from 30 to 31 October. Details of these events can be found throughout this edition and we encourage you to show your support and get involved in these events.

Finally, as you would be aware, Mount Isa has again been subject to national media attention regarding the health of our community and in particular several legal cases. These matters cannot be effectively dealt with in the media alone and we have called for all cases to be brought to a court of law as soon as practicable to enable the full facts to be heard.

Steve de Kruijff
Chief Operating Officer
Xstrata Copper North Queensland

Brian Hearne
Chief Operating Officer
Xstrata Zinc Australia
The Cloncurry Community Precinct project, in partnership with Cloncurry Shire Council and the Queensland Government, involves the redevelopment of the current Shire Hall and library complex to create a central community hub for Cloncurry.

The launch of the project was initiated on 6 September 2010 and was attended by Mrs Betty Kiernan MP, State Member for Mount Isa, Cr Andrew Daniels, Mayor of Cloncurry, Steve de Kruijff – Chief Operating Officer Xstrata Copper North Queensland and Myles Johnston – General Manager Ernest Henry Mining.

Myles Johnston, said delivering social infrastructure projects are crucial in developing sustainable communities.

“This partnership with Cloncurry Shire Council and the Queensland Government reaffirms our commitment to the Cloncurry community to ensure the creation of a modern facility and a central hub for residents of our local community,” said Myles.

“We hope this funding and the new community hub will increase the diversity and functionality of the area and allow for community space and functions while encapsulating the historic Shire Hall.

“The redevelopment will allow greater space for documentation of local history and memorabilia, improve access to learning experiences and IT services, provide a central service facility and attract touring art and cultural exhibitions,” he said.

In 2010, the XCPPNQ entered its sixth year of working in partnership with communities and government to address the areas of greatest need in the north Queensland communities where the company’s employees live and work.

Myles said the program’s achievements to date demonstrated Xstrata’s belief that local communities should benefit from the company’s operations both in the short and long term.

“Through our Corporate Social Involvement program, we develop community partnerships that contribute to the development of sustainable communities and emphasise local capacity building. We believe that the wellbeing of our employees, their families and the residents of Cloncurry is crucial to maintaining our social licence to operate,” said Myles.

Since 2005 the XCPPNQ has made a huge contribution to North Queensland by providing over $11 million funding for projects. These include other social and community development initiatives such as support of the Cloncurry Swimming Pool, a partnership with Cloncurry Shire Council for the installation of a shade structure and partnerships with the Cloncurry PCYC which have provided activities for youth through the facilitation of youth camps and programs.

Above left: From L to R: Myles Johnston, Betty Kiernan MP, Steve de Kruijff and Andrew Daniels unveil the sign to officially launch the $6 million Cloncurry Community Precinct project.

Top right: From L to R: Carl Ketchup – Mitakoodi Kurrithila Aboriginal Corporation, Myles Johnston, Steve de Kruijff and Eddie Ah Sam – Mitakoodi Kurrithila Aboriginal Corporation celebrate the launch of the Cloncurry Community Precinct project.

Lower right: Steve de Kruijff and Myles Johnston hand over the $750,000 cheque to Andrew Daniels – Mayor of Cloncurry. Also pictured is Betty Kiernan MP, State Member for Mount Isa.
Eleven are up for the challenge

Have you ever wondered what it would be like to join Xstrata Mount Isa Mines’ Mine Rescue Team?

Eleven new recruits are just finding out ...
After a rigorous recruitment selection process, 11 new Mine Rescue recruits were selected in June from a talented pool of Mount Isa Mines employees. The recruits have been selected from different areas of operations, both surface and underground, and from across copper and zinc.

Currently there are 27 members of the Mount Isa Mines Rescue Team and before the recruits can join the ranks and be considered fully fledged members of Mine Rescue, they are required to complete 160 hours of training, that’s equivalent to 20 x 8 hour days!

Training of the recruits commenced in July and involved several challenging emergency exercises over a number of months. Some of the different training scenarios undertaken were: wearing a Drager BG4 breathing apparatus in a variety of situations to perform three main tasks – fire fighting, gas detection and search and rescue; rescuing casualties from under rocks and from vehicles; and vertical rescue and mobility to gain access and extricate casualties.

The new recruits’ training concluded in September, but it doesn’t end there. Each Mine Rescue team is scheduled to complete 11 training exercises per year in addition to the Mine Rescue competition. There are currently six teams, meaning there are 66 training drills a year.

Senior Mine Rescue Supervisor – Ron Pippenbacher, says that Mine Rescue is about being prepared for the worst but giving our best.

“Being a member is like having a second job which requires a large commitment from each individual, but what it comes down to is being able to help your mates.”

“Our team is very pleased to have new rookies on board and we look forward to seeing them through their rigorous training program.”

Luckily for the new recruits, their training will conclude just in time to participate in the 2010 Mines Rescue Competition being held in Mount Isa from 21–22 October.

This year the competition will once again take place at Outback at Isa and is a joint collaboration with a number of mines around the region assisting and participating in the running of the event.

Darren Bracey – Emergency and Protective Services Superintendent, says that the Mine Rescue Competition is a fundamental component of the rigorous training schedule undertaken by teams.

“Mount Isa Mines internal Mines Rescue competition has been running since 1932 and in 2009 we opened the competition up to mines around the region in lieu of a Queensland competition,” said Darren.

“The competition is important to the region and allows teams from various mines to put their hard work and training to the test and helps them prepare for real life rescue scenarios, and also gives the teams a chance to work and familiarise with other mines.”

This year Ernest Henry Mining, Century Mine, Cannington Mine and four teams from Mount Isa Mines will participate. Each of the participating mines, Queensland Ambulance Service, and Queensland Fire and Rescue Service will be undertaking the co-ordination and running of an event for the competition.

Spectators are more than welcome to come along to the event and witness all the action up close. Be there to cheer on the teams as they battle for the 2010 Mine Rescue title!
Use a wet cloth for dusting instead of a dry cloth.

Regularly wash your family pets.

Regularly wet wipe and wash toys - particularly when infants are teething.

Eat at least 3 healthy meals per day, breakfast is the most important meal of the day.

Tips to reduce blood lead levels

Living safely with lead

For more information contact the Living with Lead Alliance on 1800 457 547 or visit www.livingwithlead.com.au
Safety put to the test at Xstrata Copper’s Refrigeration Plant

Xstrata Mount Isa Mines, together with local emergency services were put to the test in August during an emergency response systems drill. The aim of the exercise was to test the safety detection systems of the Y74 Refrigeration Plant as well as the emergency response capabilities of both internal and external partners of the newly relocated plant.

Xstrata Copper’s Refrigeration Plant (R67) has been moved to a new location (Y74), as a result of the Black Star Open Cut (BSOC) Deeps expansion project.

Testing of the emergency response systems for the Y74 Refrigeration Plant was undertaken to ensure they are fully operational prior to the plant being handed back to the Fans and Refrigeration department following its relocation.

Xstrata’s Safety and Health Department, Fans and Refrigeration Department, and the Y74 Project team conducted the emergency drill in conjunction with Queensland Fire and Rescue Service, Queensland Ambulance Service and Xstrata’s security provider Securecorp.

Darren Bracey – Emergency and Protective Services Superintendent, said the drill allowed our local emergency services to become familiarised with the plant and equipment changes to our site as a result of the Y74 Refrigeration Plant relocation project.

“The exercise proved very successful and found that our systems are operational and effective,” said Darren.

“The exercise allowed us to identify that some minor changes were required to improve, however the main systems worked effectively as designed,” said Darren.
Xstrata Mount Isa Mines was inducted into the 2010 Queensland Business Leaders Hall of Fame by Her Excellency, Ms Penelope Wensley AO, Governor of Queensland, at the annual awards ceremony held in Brisbane on 14 September.

The induction recognises Xstrata Mount Isa Mines’ sustained and outstanding contribution to Queensland’s economic development, the mining industry and rural development.

Speaking at the awards ceremony, Xstrata Mount Isa Mines Director and Company Secretary, Neal O’Connor, said: “Xstrata Mount Isa Mines is honoured to be inducted into this year’s Queensland Business Leaders Hall of Fame.

“From humble beginnings, Xstrata Mount Isa Mines has overcome significant adversity to become one of Queensland’s most successful businesses and an icon of the outback.

“This induction pays tribute to the tenacity and entrepreneurial spirit of the men and women who have worked for the company over the past 86 years.

“Their courage and commitment has seen the company grow from a small, isolated mining camp to become a significant employer in regional Queensland; a major exporter of mining technology and product; and a key contributor to the economic development and prosperity of our State.

“We are very proud of the contribution Xstrata Mount Isa Mines has made, and continues to make, to Queensland, particularly to the regional communities in which our employees and their families live and work.”

Xstrata Mount Isa Mines currently employs more than 4,000 people and in 2009 alone contributed more than $1.9 billion to the State’s economy.

For decades, the company has been at the forefront of technology development and has been instrumental in establishing some of the industry’s most commonly used mining methods, including Mount Isa Cut and Fill (MICAF), benching and sublevel open stopping techniques. It has also been responsible for the development of industry leading mineral processing technologies, including IsaMills™, ISASMELT™ and ISA PROCESS™, that are now exported globally.

Xstrata Mount Isa Mines’ induction into the 2010 Queensland Business Leaders Hall of Fame follows its recognition last year by the Premier of Queensland, Hon Anna Bligh, as the business to have made the most significant contribution to the State’s economy since Queensland’s separation from New South Wales in 1859.

The Queensland Business Leaders Hall of Fame is a joint partnership between the State Library of Queensland, the Queensland University of Technology and the Queensland Library Foundation.
Xstrata plc retains position as Mining Sector Leader

In the annual Dow Jones Sustainability Index review 2010/11, Xstrata plc has retained its position as Mining Sector Leader for the fourth consecutive year. This year Xstrata has also been named as the Super Sector Leader for Basic Resources industries.

The Dow Jones Sustainability Indices (DJSI) follow a best-in-class approach and include sustainability leaders from each industry on a global and regional level respectively. The annual review is based on a thorough analysis of corporate economic, environmental and social performance, assessing issues such as corporate governance, risk management, branding, climate change mitigation, supply chain standards and labour practices.

The Governor of Queensland, Her Excellency Ms Penelope Wensley AO with Neal O’Connor – Director and Company Secretary Xstrata Mount Isa Mines and Grant Townsend – Chief Executive of WHK Horwath (Principal Partner, 2010 Queensland Business Leaders Hall of Fame)
Xstrata supports Bush Kids

Steve de Kruijff, Chief Operating Officer Xstrata Copper North Queensland, proudly presented the Royal Queensland Bush Children’s Health Scheme’s Chairman – Dr Neil Bartels, and CEO – Ms Cheryl Miller with a $60,000 cheque from Xstrata Mount Isa Mines in front of 150 guests at the second annual Toyota Cowboys Charity Bush Kids Ball on Thursday 9 September.

Xstrata’s funding will help to ensure that the Mount Isa Bush Children’s Centre continues to provide important intervention health services to children and families in the greater Mount Isa region.

“We are very lucky to have a local Royal Queensland Bush Children’s Health Scheme Centre located in Mount Isa,” said Steve.

“It offers rural families and their children therapy support that would not ordinarily be available to them. Without access to these services, families would need to undertake extensive travel or relocate their families to an urban centre where such therapy support is more readily available,” he said.

Acting General Manager Engineering Services and Projects, Adam Purkis, also presented a $1,000 cheque to Bush Kids CEO Cheryl Miller on behalf of the Border Run Charity Bike Ride.

Cheryl was overwhelmed at the support from Xstrata and the Mount Isa community.

“We’re very appreciative of Xstrata Mount Isa Mines’ support of our Mount Isa Bush Kids Centre,” said Cheryl. “Their funding will enable us to keep the doors open to the many children and families who use our services. Without the support of our sponsors this would not be possible and the centre would be forced to close,” she said.

Special guests on the night were Cowboys players Captain Johnathan Thurston and Prop Matthew Scott, and Cowboys coach Neil Henry.
In late August, EHM’s open pit mining team worked to prepare the area where the shaft is to be built removing 3.3 million tonnes of material from what is now known as the “clay pit.”

Layers of clay, black shale and sand were mined to a depth of approximately 50 metres until a layer of hard rock was reached to ensure a strong building foundation for the shaft infrastructure.

“Concreting is now in progress to form the piles for the foundations of the shaft collar, head frame and sinking winder,” said Chris Carr – Underground Project Director.

“The work is expected to be completed by the end of the year and it will involve approximately 1,500 cubic metres of concrete in total.”

Headframe construction is expected to commence in the first half of 2011 and the shaft sink will begin in the second half of 2011. The headframe is due to be completed in the second half of 2012 with the shaft scheduled to be commissioned in the first half of 2013.

“Underground development works are continually progressing with a focus on key headings for access to the base of the shaft and ventilation,” said Chris.

The hoisting shaft will be sunk to a depth of around 1,000 metres and it will be used to transport ore from underground to the surface, producing six million tonnes per annum of ore at full capacity.

**Steel installation begins for magnetite plant**

EHM’s magnetite base plant is also progressing well with the first piece of structural steelwork erected on 16 September.

“The base plant is being constructed within the existing Concentrator infrastructure at EHM and it will incorporate an extraction plant and a filter building,” said John Twomey – Magnetite Project Manager.

“We completed the civil works for the magnetite plant in early September and construction works have since begun on the extraction building,” he said.

Over the next few months, the steelwork will be bolted together into panels on the ground and each section will be progressively lifted into place with a 100 tonne crane.

“We will install around 240 tonnes of steelwork and 50 tonnes of platework in total,” John said.

It is anticipated that the magnetite plant will be completed by the end of the year with commissioning taking place in the first half of 2011.
You may have noticed green apples and gold stars on material issued by Plum, the Trustee of Xstratasuper. Perhaps you haven’t given them any thought, or maybe you have wondered what they mean. But the apples and stars can be a very useful way of comparing superannuation funds.

The 5 Apples and Five Quality Stars are awarded to superannuation funds by specialist superannuation research and consultancy firms Chant West and The Heron Partnership. Both firms have awarded Plum their highest ratings for the past few years. Each organisation applies their own criteria in their assessment with a focus on the key elements in superannuation funds which determine the fund’s quality.

Chant West’s rating methodology examines criteria such as organisational strengths, investments, fees, insurance, administration, member services and employer services.

Chant West awarded the Plum Superannuation Fund and Plum Personal Plan their highest rating of 5 Apples, based on the merits of each one relative to industry best practice. The funds have received the 5 Apples ratings every year since 2004. This means they are considered ‘highest quality funds’ in the medium corporate and large corporate categories, as defined by Chant West.

The Heron Partnership assesses ratings in the following order of importance: investment arrangements, insurance, ancillary benefits, communications and contributions.

They judged the Plum Superannuation Fund ‘outstanding’ for 2010/11 and awarded it 5 Quality Stars in the medium and large fund categories. The Plum Personal Plan also received the highest ranking. Plum has received these awards every year since 2006.

The awards are considered important by the industry as they are a way in which it can seek an objective assessment about the service providers. They can help members decide which are the highest quality funds.

“We are proud that Chant West and Heron have recognised Plum’s efforts and understand the significance of being rated a high quality fund in this research, which is made available so every Australian can make a fair and valid comparison of super funds,” Plum’s Managing Director Scott Hartley said.

So, now when you see those apples and stars you know how to compare. If you would like more information on the awards, go to www.chantwest.com.au or www.heronpartners.com.au

2010 Xstrata Greek Fest

Experience the very best Greece has to offer!
Riverway Park, Kirwan, Townsville.
9–10 October, 2010

This year there will be more Greek music, more cultural dancing, and more delicious Greek food than ever before!

The park will be filled with the unique sounds of both traditional and modern Greek music. There will be plenty of competitions, children’s entertainment (including appearances by Ben 10), exciting rides, a fireworks display to keep the whole family happy!

Xstrata Greek Fest is a free event so bring the whole family. Come along, join in the fun and experience all things Greek!
A Portrait of Tate

The Xstrata Percival Portrait Award Exhibition opened on 3 September with the winning portrait announcement made by Merv Sharkey – Commercial and Logistics Manager for Xstrata Copper.

Nationally acclaimed, Victorian artist, Ted May took out the award with his portrait of Townsville based artist Tate Adams.

The opening night was attended by over 500 people eager to view the 110 portraits hanging in Townsville’s Perc Tucker Regional Gallery.

A word on Copper Prices

Our ISA Brand cathode is registered on the London Metal Exchange (LME), and soon to be registered on the Shanghai Futures Exchange (SFE).

Exchange prices are set on the LME, SFE and Comex (in the United States). Within the LME the prices available are Cash, 3 Month, 15 Month and 27 Months. It is usual for our Isa Brand cathode to deal mainly in on a Cash Settlement Price basis; this is the primary pricing for physical delivery.

The majority of trades conducted on the LME are done for hedging or speculative purposes and the trades are closed out on the LME before the contract becomes prompt i.e. the due date for physical delivery of the copper.

On the LME (and all exchanges) and in general terms prices move according to global supply and demand. This is called the market balance. In a balanced market supply is roughly equal to demand, in a short market demand exceeds supply and there is upwards pressure on prices, in a long market supply exceeds demand there is downwards pressure on prices.

That is the long and short of it – money makes the world go round; and at CRL we find copper prices very exciting.

ON THE MOVE

Pru Reardon is the new Financial Accountant for Townsville Operations

PROFILE

I am from/Birthplace: I’m a local lad
Years with Xstrata: Two months
What does your role involve at Xstrata involve? Copious amounts of sales/revaluation reporting and analysis!
Strengths: The ability to reach objects placed on high shelves – I’m 6 foot 5 inches tall
Weaknesses: An inability to find anything in the fridge
Family: My parents
Favourite TV Show: Wilfred, any sport
Holiday destination of your dreams: Tofua, Tonga
Five celebrities you would like to invite to dinner: Zach Galifianakis, Zooey Deschanel, Petero Civoniceva, Mark Webber, Natalie Portman
If you could change something, what would it be? Make my legs a bit shorter so I could fit in an economy seat
Wish for the future: To retire to a deserted tropical island

YOU DON’T KNOW THIS, BUT...

My colleagues don’t know this, but... I can’t watch/read anything about space or any end of the world scenario ...
Favourite Food: Thai & Malaysian satay
I drive: 2009 Ford Mondeo TD
Person I most admire: Winston Churchill and anyone who faces adversity and still has the will to continue on against all the odds.
In my spare time I: At the moment planning our big trip to Canada next year.
Pet hate: Drivers who speed up when you’re trying to merge into a lane.
Can’t live without: My Husband Spencer, family, friends and my two dogs Toby and Winston.
Ray Thwaites
Tech Officer 1
Electrician – Utilities
Water Distribution

PROFILE
I am from/Birthplace: United Kingdom
Years with Xstrata: 24 all up
My role at Xstrata involves: The electrical and instrumentation maintenance and operation of the water supply system for Mount Isa city and mine
Strengths: Dependability, loyalty and honesty
Weaknesses: Coffee, chocolate and pay TV
Family: Wife Caroline, son Cameron and daughter Rachael
Favourite TV Show/Movie: Minder, F Troop, Forest Gump
Holiday destination of your dreams: Las Vegas with loads of spending money …
Five celebrities I would like to invite to dinner: John Howard, Paul Keating, Allan Langer, Dave Wellington, Wayne Bennet
If I could change something, it would be? To bring back the biff in Rugby league
Wish for the future: world peace and traditional family values

YOU DON’T KNOW THIS, BUT …

Jess Cooper
Graduate Geologist,
3500 Orebody,
Enterprise – R62

My colleagues don’t know this, but …
If I wasn’t a geologist, I would be an astronomer
Favourite Food: Roast Lamb with roast veggies and gravy
I drive: Black Honda Civic Sport
Person I most admire: My parents
In my spare time: I: Compete in Highland Dancing competitions and like playing soccer and athletics
Pet hate: Clutter and other people flicking between radio stations, songs on CDs or TV channels
Can’t live without: My Family

AusIMM and Xstrata Lab Assists Local Teacher

The Australasian Institute of Mining and Metallurgy (AusIMM) NW Queensland Branch and the Xstrata Mount Isa Mines Analytical Laboratory recently assisted a Spinifex State College teacher Tim Yarham, with his university studies.

During September, Tim undertook some hands-on experience at the Analytical Laboratory. His practical work experience was completed as part of the requirements of the final subject of his Master of Education degree. The objective of the practical time was to work beside a scientist and see how science is applied in the work environment, which was most certainly achieved thanks to the help of the Analytical Laboratory Team.

“I was able to observe many of the scientific processes carried out at the lab, including sample preparation, acid titrations and analysis of the prepared samples by the lab’s analytical equipment,” said Tim.

As part of his university course, Tim is required to complete an assignment based on his observations and experience in the lab. This will cover what occurred during his time at the lab and a reflection on the way the experience has influenced his thinking about science and possibly his classroom practices. Tim’s experience at the lab is a valuable tool that can be utilised in his classroom.

“I would like to thank the AusIMM Committee for helping him organise this experience and also Bryson Richard – Superintendent of the Analytical Laboratory and all the laboratory staff for their assistance,” said Tim.

ON THE MOVE
Geoff Tolcher recently joined Xstrata Mount Isa Mines as an Apprentice Technical Training Instructor – Boilermaker at the Xstrata Skills Centre
George Fisher Mine completes first ever truck rebuild

In August, the George Fisher Mine’s Mobile Maintenance department completed their very first truck rebuild at the Southern Cross Workshop.

With the process beginning in May, the truck rebuild of a AD55 Caterpillar underground haul truck took approximately 13 weeks from when it was received at the workshop to when it was booked back into service and was completed without injury.

The rebuild started with a total disassembly of the unit. Every item and component had to be inspected and then overhauled to meet Original Equipment Manufacturer (OEM) specifications. The chassis were all sandblasted, crack tested, repaired and painted.

Previously rebuilds were primarily outsourced to the OEM due to issues of space and resources. However, now with the new Southern Cross Workshop facility located at George Fisher Mine (GFM), the Mobile Maintenance department now has the capacity to carry out larger projects, such as full truck rebuilds, that are competitive with outsourcing the jobs.

Underground trucks at GFM generally undergo a rebuild every 12,000 to 14,000 unit hours of operation. This rebuild was the AD55 Caterpillar haul truck’s second and final rebuild.

With one rebuild under their belt, the team is already underway with their second. This unit has already been stripped and is expected to take the team until early December to complete.

A further truck rebuild is planned in early 2011 with the program expected to expand to incorporate underground drills.

GFM Maintenance Manager, Phil Sharam, said, “I would like to congratulate the entire team of people who contributed towards the successful completion of George Fisher Mine’s first in-house truck rebuild.”

“It is a remarkable accomplishment and is positive to see the project was completed on-time, and most importantly without incident.

“It is crucial to the future cost effectiveness of our mine that we are able to complete competitive rebuilds in-house and our ability to achieve this says a lot about our workforce,” he said.

Congratulation to all involved in the successful rebuild.
First female shovel operator

For the first time, Ernest Henry Mining (EHM) has awarded a qualification to a female employee enabling her to operate hydraulic shovels.

While EHM has employed three female hydraulic shovel operators since it began operations in 1998, Beryl ‘Burkie’ Walker – Mine Technician, was the first to complete her training at EHM at the end of July.

“It is a privilege to be the first woman trained on the hydraulic shovel at EHM, especially since I’ve been aiming to operate our Liebherr 996 shovel for a while,” Beryl said.

An expression of interest was advertised at EHM for current employees keen to complete the training program and Greg Poke – Trainer Assessor Mine Production, said Beryl was selected because of her operating skills on EHM’s loaders.

“The training involved theory and 100 hours of practical operation of the hydraulic shovel with a qualified operator,” Greg said.

Beryl came from an administration background before getting her first taste of the mining industry when she started with EHM in June 2006.

Since then her ultimate dream was to operate a production machine – the Liebherr 996 hydraulic shovel – so Beryl has progressively worked her way up, operating different machinery such as dump trucks, water carts, graders and loaders to eventually reach her ‘dream machine’.

“The possibilities are endless in the mining industry, but now that I’ve achieved this goal I plan to focus on fine-tuning my skills in all aspects of the different digging applications with both the loaders and hydraulic shovels at EHM.

“I would like to personally extend a huge heartfelt thank you to all personnel who have assisted me over the years in achieving this tremendous milestone,” Beryl said.
Electric shovel leaves EHM

A gigantic shovel was disassembled recently at Ernest Henry Mining (EHM) for transportation to Xstrata Coal’s Rolleston Coal Mine in Central Queensland.

The P&H Minepro 4100A Electric Face Shovel was retired in 2007 since it could no longer be used in EHM’s open pit mine.

“The shovel was commissioned here in October 1999 and it was our main production machine until it was retired,” said Anthony Pitcher – Production Operator at EHM.

“As we mined deeper in the pit there was less and less room for the shovel to move and in the end it was just too big for us to use,” he said.

The machine weighs 1,300 tonnes and its 43 cubic metre bucket towers over you when you stand close by.

EHM’s Mining and Maintenance teams achieved a World Record on the shovel during night shift on 4 July 2001 for the most material moved in a 12 hour period for that make of machine. They shifted 436 truck loads of material, or around 87,000 tonnes.

Nigel Seaton – Trainer / Assessor – Mine Production, remembers when the record was set.

“I used to operate the shovel and they were special times back then,” said Nigel.

“We were working closer to the top of the pit with lots of space and in softer ground so you could move the tonnes really quickly. The crew working that night did a great job to move so much dirt,” he said.

“The high standard of planning and organisation from everyone involved in the project is what led to its overall success.”

Bill Robinson – Senior Supervisor – Mine Maintenance

EHM’s two main production machines now are a 996 Liebherr Excavator and a 996 Liebherr Hydraulic Shovel, each of which weigh less than half that of the electric shovel.

G&S Engineering was contracted to disassemble the shovel so it was in small enough parts to be transported to its new home via normal road trains and semi trailers.

The disassembly began on 5 July and it was planned to take six weeks but the team completed the job 11 days ahead of schedule on 5 August.

“The high standard of planning and organisation from everyone involved in the project is what led to its overall success,” said Bill Robinson – Senior Supervisor – Mine Maintenance, who was involved with the disassembly.

The machine will be rebuilt and put back into service by Xstrata Coal.
Magnetic survey conducted at EHM

An airborne magnetic survey was conducted over Ernest Henry Mining (EHM) recently to gather data that will help in the identification of high grade areas of magnetite at the site.

Perth-based company, UTS Aeroquest, performed the survey using a fixed wing aircraft with a magnetic sensor located in a “stinger” at the rear. The plane flew a systematic pattern of 50 metre spaced flight lines collecting magnetic field data over EHM’s mining area and its waste rock dumps in particular.

Terry Harvey – Xstrata Copper Exploration’s Consultant Geophysicist, organised the survey at EHM and he says the plane flew at a height of around 25 metres above the waste rock dumps.

“As the plane flies backwards and forwards, the sensor or probe measures the earth’s magnetic field, sending the readings back to a computer within the plane for processing.

“Once the survey data has been compiled it will be used to produce very accurate maps of the earth’s magnetic field. These maps will in turn be processed to generate three-dimensional models indicating where the highest grades of magnetite are most likely to be located,” Terry said.

In December last year, Xstrata Copper announced it will construct a magnetite extraction plant at EHM that will produce approximately 1.2 million tonnes of magnetite per annum for export to Asia, making EHM Queensland’s first iron ore concentrate producer.

The EHM orebody is an iron oxide copper gold (IOCG) deposit and magnetite is the form of iron oxide. It is a benign and highly magnetic substance used primarily in steel manufacturing and coal washing.

Copper and gold are recovered at EHM using traditional grinding and flotation methods and magnetite is liberated during this process. The new extraction plant will allow the magnetite to be recovered using a combination of cyclones and magnetic separators.

This will also allow for the reprocessing of mine tailings to extract magnetite, potentially enabling a reduction in the amount of tailings at EHM’s on-site storage facility.

“The survey was conducted so that alternative sources of magnetite can be identified for potential extraction and processing in the future. “We hope to have the models finalised by mid-October to assist in forward planning for drill-test programs,” Terry said.
The main highway in Camooweal was closed to traffic for a few hours in late August for the annual Camooweal Drovers Festival had come to town. Camooweal kicked off the Drovers weekend in true blue style with a street parade and a mail run race.

The Friday night of the festival was spectacular with over 300 people attending the Drovers Ball. Many partners hit the dance floor for old time dances such as Pride of Erin, Gypsy Tap and even an occasional bootscouting line dance. Local Mount Isa band, Cross Colours, did an extraordinary job of keeping dancers on the floor till midnight.

The Drovers Festival is a tribute to old drovers in Queensland, and 63 drovers made their way to Camooweal for the weekend. The event was organised primarily by Liz Flood of Camooweal. The drovers were welcomed and honoured by over 1000 people who attended the official opening and stayed to listen to bush poetry or some local country music; most camped in "the Weal" for the weekend.

Some took advantage of helicopter flights, while others stood firmly on the ground watching in awe. Everyone took time out to sit and watch the bronco branding, where the older drovers showed the young ones how it was done. There were plenty of yarns being spun, and some were even true.

In its 13th year, the Drovers Festival continues to grow and improve; and attracts locals and tourists alike. The Drovers Museum was opened three years ago, and houses an accumulation of memories that keep the drovers’ stories alive. The best way to spend time at the Camooweal Drovers’ Festival is to take a moment to listen to the stories that these droving men and women are happy to share; stories about their lives when they were young drovers on the land, in and around Camooweal.

The Camooweal Drovers Festival weekend is held every August, and Xstrata is delighted to sponsor this community event.

For the past six years, Bowen Coke Works has been donating peanut and nut coke to the Bowen Endeavour Foundation, supplying between 2 and 6 tonnes each year.

The Foundation bags the coke in 20 kg sacks and sells to community residents who have small forges and an interest in blacksmithing. Funds raised from these sales contribute to running Endeavour programs.

Bruce Coles – Superintendent Bowen Coke Works recently visited Bowen Endeavour Foundation industries and met with their clients.

“It is an excellent organisation assisting people in the community and we are proud to support the Endeavour Foundation and its programs,” said Bruce.

Endeavour is a registered not-for-profit organisation dedicated to providing services and support to those people living with a disability. The Endeavour Foundation is the largest disability service provider in Australia. And is proud to be an industry leader providing services in education, employment, lifestyle learning, children’s services, youth services, services in age care and many more …

For more information on the Endeavour Foundation visit their website: www.endeavour.com.au
The 2010 Xstrata Lake Moondarra Fishing Classic:

**Off the hook!**

The 2010 Xstrata Lake Moondarra Fishing Classic (XLMFC) will exceed all expectations this year with famous guests and national TV and Radio shows set to broadcast the event across the country.

ET (Andrew Ettingshausen) will be filming this year’s Mount Isa fishing extravaganza for the hit lifestyle TV show Escape with ET, shown nationally on free-to-air, digital and pay TV.

Organisers of the event have also secured national TV exposure with The Fishing Show, hosted by legendary rally car driver, Michael Guest. Michael will present the show from 5–7pm Saturday, 30 October and will be conducting on-air competitions and giveaways, whilst giving their listeners a taste of Mount Isa’s best outback fishing adventure.

Australia’s number one talk radio station, 2GB, will broadcast live from the 2010 XLMFC. 2GB has confirmed that their regular segment, ‘The Fishing Show’ will be aired across Sydney and surrounding areas from the shores of Lake Moondarra.

Event coordinator George Fortune said that the exposure was a dream come true for the Mount Isa Fish Stocking Group.

“Gaining exposure from the top radio and TV fishing shows is going to be fantastic, we hope it encourages more people from across the nation to spend a few days at the fishing classic when they plan there next outback holiday or fishing adventure,” said George.

The 2010 Xstrata Mount Isa Lake Moondarra Fishing Classic is set to make a massive splash on the National fresh water fishing tournament circuit. The whopping $45,000 cash prize on offer for the Mount Isa Water Board tagged barramundi teamed with 31 prize categories and special guests is sure to draw competitors and spectators from across the country.

“The increased cash on offer for the Mount Isa Water Board tagged barramundi and ET (aka Andrew Ettingshausen) will really put the fishing classic on the map,” George said.

The event is held from Friday, 29 October through to Sunday, 31 October and offers competitors a great weekend on the lake. Fishing action starts on Friday at 6pm and continues until Sunday 12pm. Nominations are now open and close 12pm Friday 29 October.

The weekend also offers an enormous line up of entertainment for spectators and visitors including: Yabby races, Mount Isa Chamber of Commerce Dragon Boat Regatta, the A.R.T Yamaha Supertank Show, fireworks, live entertainment and more…

Don’t miss your chance to have a great weekend, catch up with the special guests and be in with a chance to win some awesome prizes.

Proceeds from this event go towards the Mount Isa Fish Stocking Group’s re-stocking efforts of local waterways for recreational fishing purposes.

**TIMETABLE**

**Thursday 28th October**
7.00pm  Slide night with ET
Billabong Room, The Buffs Club

**Friday 29th October**
12.00pm  Nomination tent opens
(Black Rock Lake Moondarra)
6.00pm  Opening Ceremony, Start of Fishing
6.00pm  Sponsors night with ET and Michael Guest (invitation only)
6.15pm  Weigh Station opens

**Saturday 30th October**
6.00am  Pink Ribbon BBQ brekkie
(Live entertainment)
10.30am  Yabby races
10.45am  A.R.T Yamaha Supertank Show
12.00pm  Buffs Club Beach Volleyball Competition
12.45pm  A.R.T Yamaha Supertank Show
2.00pm  Casting Competition
2.30pm  Meet ET and Michael Guest
2.45pm  A.R.T Yamaha Supertank Show
3.00pm  Mount Isa Chamber of Commerce Dragon Boat Regatta
4.30pm  A.R.T Yamaha Supertank Show
6.00pm  Live Entertainment
7.30pm  Huddy’s Mining Services Fireworks Spectacular, meet ET and Michael Guest

**Sunday 31st October**
10.30am  A.R.T Yamaha Supertank Show
10.45am  Yabby Races
12.00pm  A.R.T Yamaha Supertank Show
12.00pm  Weigh Station & Competition closes
1.00pm  Casting Competition
2.00pm  Brett Currie Caricature Auction
2.30pm  Presentations with ET

**Saturday and Sunday**
All day trade and community exhibits, food and beverage stalls. Bar facilities from 10.00am
When the washing is complete it is loaded again into a trolley (again with the magnetic strip) and placed into the dryer. When placed in the dryer the magnetic strip is placed on the machine. This is to ensure that the clothing is segregated through the process.

“Importantly, safety initiatives have been implemented as part of this project. These include:

» Shaking and sorting clothing to ensure that no sharp objects have been left in pockets that could cause injury to employees or damage the machines

» Using a hydraulic door that when opened, transforms into a ramp. The ramp also has lock leavers to ensure they cannot roll off the ramp while being lifted or lowered into vehicles, and

» Introducing lockable castors and auto lift bases to 455 litre laundry trolleys to reduce the risk of manual handling incidents,” said Michelle.

Further operational efficiencies include sorting dried clothing into numeric sequence by locker number, making it quicker and easier for drivers to replace clothes. Fast and efficient heat press labels have also replaced embroidery to minimise alterations needed to shirts. If clothing is found damaged it is tagged, replaced immediately with a new item and re-heat pressed.

“We are proud of these initiatives and congratulate all those involved for their ongoing focus towards continuous improvement,” said Michelle.
Inaugural Rugby 7's
Battle for Mount Isa

Mount Isa’s popular rugby union competition recently took on a new look with the inaugural Xstrata PICAM Rugby 7’s tournament held on 10 – 11 September 2010.

Xstrata sponsored the Pacific Islander Community Association of Mount Isa (PICAM) $5,000 to assist in the development of the inaugural competition, which involves teams of seven players a side rather than the usual fifteen, competing against each other in shorter than usual matches.

Mount Isa Rugby Union president Daniel Fualalo, was most appreciative of Xstrata’s sponsorship of the event.

“We are very happy to have Xstrata’s support. Without them as a sponsor the Rugby 7’s competition may never have eventuated,” said Daniel.

The initiative came from the PICAM as an opportunity to raise money for the association and to bring the event to an outback town. Rugby 7’s provides a new opportunity for people to join in the sport and boost the numbers of rugby players.

“It’s going to be a registered Olympic sport in a few years so we’re trying to get the numbers up,” Daniel said.

The tournament was a resounding success with six teams nominating and playing against each other over the course of the weekend.

The tournament also had a cultural flair with Fijian, Papua New Guinean and New Zealand teams competing, and cultural entertainment provided from Mount Isa’s local Pacific Islander community.

Brian Hearne – Chief Operating Officer Xstrata Zinc Australia visited the grounds with Daniel Fualalo before the tournament and said that Xstrata is committed to supporting community events.

“Xstrata is pleased to support PICAM in the establishment of the inaugural Rugby 7’s competition that will provide flow on benefits to the entire Mount Isa community,” said Brian.

“We are very happy to have Xstrata’s support. Without them as a sponsor the Rugby 7’s competition may never have eventuated.”

Photos courtesy of the North West Star
Australian women lead busy lives and their health is frequently forced at times to take a back seat. Health screening is an important part of disease prevention in women of all ages. There are many screening tests and examinations that women can undertake to help detect conditions such as heart disease and cancer. Self-checks are a way in which you can monitor your health. Your General Practitioner (GP) can advise you about how to perform these checks and is able to refer you on for other tests if necessary.

Women are sometimes more susceptible to certain illnesses or conditions at different stages of their life, therefore it’s important to know the risks for your age group. The following information provides some handy hints about what women should get checked and when.

**Women in their 20s and 30s**
- Physical examination by your GP every two years, including blood pressure, height and weight
- Cholesterol baseline reading in your 20s with follow-up tests as recommended by your GP
- Blood glucose testing if you have high blood pressure and high cholesterol
- Skin examination every year
- Breast self-examination
- Pap smear every two years
- HPV vaccination
- Flu vaccination annually
- Immunisation review every 10 years

**Women in their 40s**
- Physical examination by your GP every year, including blood pressure checks, height and weight, and skin examination
- Regular cholesterol screening at least every five years or at the discretion of your GP
- ECG (heart trace) baseline screening as recommended by your GP
- Blood glucose testing if you have high blood pressure and high cholesterol
- Breast self-examination and mammogram every two years
- Pap smear every two years
- Flu vaccination annually
- Immunisation review every ten years

**Women in aged 50–64 years**
- Physical examination by your GP every year, including blood pressure checks, height and weight, and skin examination
- Regular cholesterol screening at least every five years or at the discretion of your GP
- ECG (heart trace) every three to five years as recommended by your GP
- Test for diabetes (fasting blood sugar) every three years
- Screening for bowel cancer every two years, including colonoscopy every five years or as recommended by your GP
- Breast self-examination and mammogram every two years
- Pap smear every two years
- Bone density test as recommended by your GP
- Eye vision test annually
- Flu vaccination annually
- Immunisation review every ten years

**Women 65 years +**
- All health check items listed for 50–64 years plus;
- Hearing screen every two years
- Pneumonia vaccination at 65 then as recommended by your GP

With today’s busy lifestyles, it can often be difficult to find time to visit the doctor, but it is important not to forget about your health. Health checks don’t take long and have proved to be highly effective and in some cases early screening has literally saved lives. Don’t wait for your doctor to recommend you have a health check, use your own initiative and make an appointment today.

**For Further Information**
- Talk to your doctor or contact Gemini Medical on 07 4744 2242
**For Sale**

- Tray Back Landcruiser Suspension – Front Coils, Rear Leaf U Bolts, and Shocks, 26,000 Kms – $600 ono. Ph: 0447 303 147 or 4749 1118.
- Half Canopy Roof 1800 Wide Sits on side boards – $100 ono. Ph 0447 303 147 or 4749 1118.
- Bench Seat Suit Landcruiser Tray Back – As New – $400 ono. Ph 0447 303 147 or 4749 1118.
- Jayco Hawk off road camper, 2007 Model. Excellent condition – $22,000 ono. Ph 0447 303 147 or 4749 1118.
- Complete 5” lift kit to suit GU Patrol, adjustable panhard rods, Koni heavy track shocks, steering dampener – $1,500. Phone 0468 606 001.
- 6 Mickey Thompson MTZ, 305-R16 tyres good condition – $600. Phone 0468 606 001.
- 3 x 2002 Nissan Patrol Mag Wheels VGC – $400. Phone 0468 606 001.
- 4wd Mazda Tribute Luxury Wagon 2006, 6 cyl, 3L Auto, petrol, bull bar, tow bar, reverse sensors, roof rack, cruise control, plus many extras, only 39,000 Kms. Excellent Condition, Mazda Maintained $26,000 ono. Ph 0419 829 250 or 0421 024 899.
- Boori Cot & Change Table, Very good condition. $300 ono. Ph: 07 4743 6187
- Yamaha WR450, 07 Model, Serviced August 2010, 4000 km. $7000.00 ono.
- Phil & Ted double pram, blue & black. $50.00 Ph: 07 4743 6187

**Engagements**

- Congratulations to Phil Hutton (GFM Safety and Training) and Robyn Huddy (GFM Paste Plant) who got engaged on 3 September 2010.

**Wedding Announcements**

- Congratulations to Andrew Newman (Copper Smelter Finance and Commercial Superintendent) who got married in Brisbane on 18 September to Rebecca Hart.
- Congratulations to Ciara Mellor (Zinc Safety and Training) and Sean McEvoy (George Fisher Mine) on their marriage on 25th September.
- Congratulations to Justin Preece (A/ Scheduler Rebuild Workshop) and his wife Leanne on the birth of their son, Harrison Barrett Preece, on 2 August 2010 weighing 3.2 kg (7 lb 8 oz). A little brother to Summer.
- Congratulations to proud parents James Gourley (Diesel fitter, MICO maintenance underground) and his partner Sherry Bowden on the birth of their baby girl, Indiana Kay, on 12 September weighing 3.26 kg (7 lb 2 oz) and measuring 53 cm tall.
- Congratulations to Melanie Edgar (Manager Community Relations North Queensland) and her partner Daniel Fualalo on the birth of their son, Ethan Charlie, on 23 September 2010 weighing 3.52kg (7 lb 12 oz)

**Birth Announcements**

-Congratulations to Phil Hutton (GFM Safety and Training) and Robyn Huddy (GFM Paste Plant) who got engaged on 3 September 2010.

**September Quiz**

For your chance to win two free movie tickets, correctly answer the following three questions and email dross2@xstratacopper.com.au

1. Name one of the special guests attending the 2010 Xstrata Lake Moondarra Fishing Classic?
2. Xstrata was inducted into which Hall of Fame?
3. EHM has committed what amount of funding towards the Cloncurry Community Precinct Project?

**Calendar of events**

**OCTOBER**

1. National Walk to Work Day
2. New Starters Induction (Mount Isa)
3. FOGS Employment Expo (Townsville)
4. Casa Grande Ball (Mount Isa)
5. National Ride to Work Day
6. Anniversary Dinner (Mount Isa)
7. Battle of the Mines (Cloncurry)
8. Bowen Cultural Seafood Festival
9. Isa Arts Incorporated Biannual Art Exhibition
10. Outback Trailblazer 2010 (Regional)
11. National Water Week
12. EHM Community Information Session (Cloncurry)
13. Pink Ribbon Day
15. Xstrata Mount Isa Lake Moondarra Fishing Classic

**NOVEMBER**

2. Melbourne Cup Day
11. Remembrance Day
8–14. National Recycling Week
9. Xstrata Mount Isa Mines Community Information Session (Mount Isa)
25. White Ribbon Day
25. EHM Neighbours Day (Cloncurry)

**Tell us what you think and be in the running to win one of four fantastic Nintendo Wii Family Fun packs!**

Whether you are an Xstrata North Queensland employee or one of our many valued stakeholders across the region, we want to know what you think of our two key publications – the monthly newsletter *Mine to Market* and the annual *Sustainability Reports*.

We want to ensure the newsletter is relevant and informative for you. So, as a valued reader, we’re interested in finding out what you like and don’t like and what we can improve on – so that we can continue to produce something you want to read.

We also want to know if the Sustainability Report meets your expectations – if the publication presents you with the relevant information and if not, what we can do better.

In the next edition of *Mine to Market* you will find a reply paid Employee and Stakeholder Publications Survey. We’d really appreciate it if you could take the time to complete this survey. It’s quick and easy and shouldn’t take you any more than 10 minutes to fill out.

By filling in the survey and returning it to the Xstrata Community Relations Department by 3 December 2010, using the reply paid envelope, you’ll also place yourself in the running to win one of four fantastic Nintendo Wii Family Fun packs!*

* Terms and Conditions are available on the survey. If you have any questions about this survey, please contact Karen Maples on (07) 4744 3211.