

THE DIRT



EDITION 84 | SEPTEMBER 2015



GOING LONG

A new record for the longest drill hole in the history of KCGM has just been set by the Exploration Geology Team. The hole was drilled through a waste dump approximately 1km south of the Fimiston Open Pit and finished at the record length of 3,011.5m (longer than Burt Street in Boulder).

Drilling commenced in February this year and while drilling a hole sounds simple, as Senior Exploration Geologist David Nixon explains, it requires a range of complex and sophisticated equipment.

"...AND FINISHED AT THE RECORD LENGTH OF 3,011.5M (LONGER THAN BURT STREET IN BOULDER)."

"First we had to penetrate the waste dump with a reverse circulation drill fitted with a special casing advancer, then the deep-hole diamond rig could get underway. This high-torque rig not only uses purpose-built diamond

drill bits, it's kitted out with a lightweight rod string, a mud-shaker and downhole survey tools."

The drill hole was undertaken to test the stratigraphy of the surrounding area, which means

the order and position of the rock layers underground. Data gathered from the drilling will provide valuable information required to support further deep exploration programs heading into 2016.



WELCOME MESSAGE

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Welcome to edition 84 of The Dirt.

September not only brings the start of some warmer weather, it also means something much more important... finals fever! Whether you're into AFL or NRL, September is the business end of the season and I hope your team doesn't let you down, unless they are playing my team. I am sure Sydney is going to start taking the game a bit more seriously now it's finals time.

Everyone working at KCGM should be extremely proud of achieving the LTI Bonus in August for reaching another million work hours without a Lost Time Injury. In keeping with tradition, the bonus was donated to a local community group - Life Without Barriers. Unfortunately we recently had an LTI, our first since February this year. We need to stay focused and keep looking out for each other to ensure we live up to the safety component of our first Core Value: Lead in Safety, Environment and Social Responsibility.

The Core Values are undergoing a revitalisation across our organisation and a big part of that is increasing the number of Core Values Leaders in all work areas around site. Our Core Values help build and reinforce the kind of workplace culture we all want, ensure we attract and retain great people and ultimately make KCGM a great place to work for everybody. Being a Core Values Leader means you get to play a central role in helping your workmates, so please consider getting involved.

Enjoy September, stay safe, and keep up the good work you have been doing on delivering results on all fronts so far this year. I know you're not all footy fans but I can feel the frenzy already building around town, with finals being played in all the winter sports. Good luck to all those playing in finals or cheering for their teams, whatever the sport. Hopefully Sydney can put up a better showing than last year...

Tim Berryman

Mine Technical Services Manager

THE DIRT

HAVE YOU GOT SOMETHING DIRTWORTHY? DON'T JUST READ IT BE PART OF IT...

The Dirt is produced and edited by the ESR Department.

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EVENTS

SEPTEMBER 2015

13	Kambalda Cup
20	Boulder Market Day, Coolgardie Day and Boulder Cup
27	Kalgoorlie Cup

BONUS WITHOUT BARRIERS



In August KCGM staff and contractors reached one million hours without a Lost Time Injury (LTI). To celebrate this milestone \$12,000 was awarded to local support organisation, Life Without Barriers.

Life Without Barriers (LWB) is a national Non-government Organisation which provides support for people with disabilities and for children in Out of Home Care in the Goldfields. They run two Family Group Homes and have

children in Specialised and General Foster Care. LWB also conducts an Aboriginal Driver Training Program.

The donation will allow the organisation to purchase equipment to assist in the care of clients in wheelchairs, enable expansion of the driver training program, and provide much-needed resources to bolster their other programs.

To find out more about this inspiring organisation visit www.lwb.org.au

RECERTIFIED

KCGM operations have again been recertified in full compliance with the International Cyanide Management Code (Cyanide Code).

The Cyanide Code is a voluntary industry program for companies involved in the lifecycle of cyanide management from manufacture to transport and use in gold mining. Developed under the aegis of the United Nations Environment Programme, the Code defines a series of principles and objectives to improve cyanide management and thereby reduce risks to workers, the environment and communities.

In 2005, KCGM Joint Venture Owners, Newmont and Barrick became voluntary signatories to the Cyanide Code, which committed KCGM to undertake a certification audit every 3 years. The audits are conducted by a third party auditor to determine whether KCGM is in full compliance with the Code. KCGM was initially certified in full compliance in September 2008, and was recertified in January 2012.

Michelle Berryman, KCGM Environment and Social Responsibility Manager, said "We are very proud of our excellent record in cyanide management and certification. This is a great example of our commitment to community safety, and a credit to the hard work of many departments across site".

PITCHING IN

On Saturday April 25 a massive 7.8 magnitude earthquake struck Nepal. It devastated the lives of at least eight million people and left many homeless in both major cities and rural areas.

One of the villages which suffered was Fishing, the family home of Chitra Gurung, a Leading Hand for 'D' Crew in Load and Haul at KCGM. With help from his crew, Chitra set about raising funds for emergency relief and to help rebuild his village. Two raffles of items donated by Westrac, Komatsu and KCGM



were conducted across site, raising more than \$16,500 in a few weeks.

With your generous donations in hand, Chitra returned to Nepal for three weeks to purchase supplies and help with the work. The money

was used to buy mosquito nets, fresh water tanks, mattresses, tarpaulins, corrugated iron, tin, food and other much-needed supplies.

Chitra was overwhelmed by the generosity of KCGM employees and contractors, and explained the difference the funds have made to his village.

"Many people, including members of my family lost their houses and everything they had. Now, thanks to all the good people here at work, the village is looking much better and people are rebuilding their lives; I can't thank everybody enough."



BECOME A CORE VALUES LEADER TODAY!

KCGM's Core Values are the foundation upon which our culture is built and one of the main reasons why KCGM is such a great place to work. Our culture remains strong because of everyone's dedication to living the values. The Core Values (CV) Leaders are committed to leading by example and sharing CV messages with their workmates. Being a CV Leader is a very rewarding experience; but don't take our word for it, here is what some of the CV Leaders

had to say when asked why they joined the team:

"I like working at KCGM and I want others to enjoy working here too" - Claire Elston, Training Officer, Mineral Processing;

"It's a great way to meet people from all areas across site and to influence change" - Jeff Wynands, Leading Hand Serviceman, Komatsu;

"I like that KCGM recognises positive behaviours and supports positive culture - not all organisations are good at this" - Stephen Howe, Maintenance Technician, Assets.

All employees and contractors are welcome to become CV Leaders. To get involved visit the Core Values page on the intranet. To nominate as a Core Values Leader contact Neil Niemand on Ext 1464 or Angie Sims on Ext 1131.

GOLDEN GECKO

KCGM is proud to have been included as a finalist in the prestigious 2015 Golden Gecko Awards, which recognise excellence in environmental performance.

KCGM undertook its biggest change to gold processing in June this year when the roasters at Gidji were replaced by an Ultra Fine Grinding (UFG) Mill. Part of KCGM's \$98 million Emissions Reduction Project, the new UFG Mill resulted in the elimination of atmospheric stack emissions and continues to receive recognition.

A decommissioning plan is currently being developed to safely remove the roaster infrastructure and stack.

EXCELLENCE AWARDED

Congratulations to Garry Giles and the KCGM Komatsu Team for winning the 2015 Managing Director's Regional Award.

As the Regional Winners, the team is now in the running for the Komatsu Managing Director's Country Award. The award recognises the team's excellent Customer Service and Support over many years at KCGM.



DISCOUNTED

Did you know that when you present your staff security pass at Kalgoorlie Tours and Charters you will receive a 15% discount on any KCGM Super Pit Tour?

The discount applies to KCGM employees and contractors only and is not available to family members.

To book tours visit the shop or call 9021 2211.

REVVED UP

KCGM has donated two haul truck engines to the Goldfields Institute of Technology (GIT) to help students gain hands-on experience. The Detroit 2-stroke diesel engines were originally used in the underground truck fleet before being replaced.

KCGM Acting General Manager Ian Butler said the company continues to look for practical ways to help the community.

“While no longer required at KCGM, these engines will provide a valuable training

resource for those learning a mechanical trade. We are happy to be able to support our local apprentices as they become skilled tradespeople and contribute to local industry and businesses.”

Mitch Brennan, GIT Program Manager Industry Services has welcomed the donation.

“We pride ourselves on providing practical experience for all our students and these engines will be ideal for furthering their education and skill development.”



RIDE WITH ME

What's the best way to understand the physical demands of a person's job? Participation and observation. That's the approach being undertaken by the KCGM Occupational Health and Safety Team.

With a focus on reducing sprains and strains in Truck Operators, KCGM Physiotherapist Silpa Dasariraju has been a passenger alongside operators in haul trucks. As Silpa explains, the approach has provided her with valuable task exposure and a number of opportunities to assist with injury prevention.

“Riding along with operators means I can witness the physical demands on their body first-hand, immediately assist them with

guidance and also provide general advice on maintaining their musculo-skeletal health into the future.”

Key areas of focus include:

- Assessment of seating ergonomics;
- Operator position relative to task zones e.g. steering wheel, two-way radio, driving controls;
- Body biomechanics (spinal position, hip and knee angles, vibration absorption) during key operational activities e.g. truck loading and unloading; and
- Prevention of awkward operator position during operation.

Operators are also encouraged to utilise any downtime during their shift to perform stretches, ideally every 2-3 hours.

Silpa points out the approach is not just about reducing the incidence of musculo-skeletal injuries, it's also about proactively improving productivity. “Suffering discomfort while working means you are more likely to experience fatigue and disengagement, which inevitably impacts on safety and efficiency.”

The next stage of the initiative will involve reviewing the sprain and strain statistics amongst operators to identify where further guidance and support can be provided.

WE ARE FAMILY

Following the success of the Vital Behaviours (VB) Family Day last year, the event will take place again in 2015 on Saturday October 24. This time the main activity area will be at the KCGM Super Pit Lookout.

VB Leaders from all Departments are currently planning a range of exciting events and activities for the day and free bus tours of KCGM will be running at regular intervals.

A complimentary sausage sizzle, ice cream and soft drink, along with the coffee van and other food stalls will keep everyone fed and

watered, and face-painting will no doubt be popular with the little ones.

The Lookout will be closed to the public for the day to enable exclusive access to KCGM

employees and contractors and their families.

Keep your eyes open for further information regarding the 2015 Vital Behaviours Family Day and how to get involved over the coming weeks.



AUGUST CORE VALUES CHAMPIONS

Candice Maloney and Deb Hulton, Truck Operators: Over a weekend of heavy rainfall, an area of the haul road became flooded. An RC rig had set up adjacent to the haul road with the offsiders work area in close proximity to the road. The first truck operator called dispatch, concerned about the potential risk to the offsider by possible tyre blow out if a rock was submerged in the water. The second operator approaching refused to drive through the area until it was rectified. The rig was moved immediately.

Maria Maloba, Metallurgist: Maria took the initiative to complete size analysis work that is normally the responsibility of Grinding Metallurgists which had not been completed due to leave and other commitments.

Matt Taylor, Contractor – BCM: When KCGM wanted to donate sand to local schools, Matt arranged for BCM to provide transport and delivery to all the recipients. This greatly reduced the cost to KCGM, meant there was no cost to the schools and made it very easy for all those involved.

Dean Curry, Contractor - Downer EDI: Dean identified that a contractor had entered site after already being removed for failing a Fitness For Work test. Dean had the contractor escorted off site immediately.

Sherri Fittler, Underground Truck Operator: Sherri provided a map of truck parking locations for truck drivers new to site.

Howard Drane, Operations Coordinator: When Howard identified that we no longer needed 20 tonnes of sand after Gidji roaster shut down, he suggested that KCGM donate it to local schools. Howard also lined up transport and delivery with BCM, reducing costs to KCGM.

Charlie Brock, James James, Bob Power, Zac Hearne, Process Technicians: Came in at short notice to help apply a permit on days off.

Bevon Simmons, Underground Charge Up: Accepted multiple roles in a production intensive week and performed these roles safely and efficiently to ensure targets met. Roles performed were Shift Supervisor and Shotfirer.

Paul Keenan, Shift Supervisor: Paul did extra night shifts on his weekend to make up for low staff numbers.

Debbie Fleming, Truck Operator: Called in the emergency for a fire that broke out on DT225.

Stephanie Rowe, Geologist: Stephanie has worked tirelessly, learning and creating a database which will improve QAQC and data collation for the Metlab, potentially saving KCGM \$200k+.

Robert Thomas, Electrician: Setting up for an event at Hannans North on a weekend, caterers tripped the power and Rob was called out to help find the switch to get it back on. He installed a new distribution board to allow access during the event and also did a thorough check of all the cables. Rob identified that the set up was not suitable for wet weather conditions and put in new cables and power boxes and ensured everything was safe, accessible and not overloaded or likely to trip again.

Eva Motherway, Purchasing Officer: Eva took the initiative to drive to a supplier to collect an item required on site. She did this during her lunch break using her own private vehicle.

Kaustav Bandyopadhyay, Maintenance Engineer: Kaustav has taken on the acting role of Senior Reliability Engineer. He has gone beyond just filling in and has established a flow chart for Reliability work in and out. He has also built tracking sheets for Capital and Non-Capital works the Reliability Team is working on.

Gareth Powell, Geologist: Gareth worked two extra shifts during his rostered days off to allow a colleague on the opposite crew who had previously missed out on training due to work priorities to attend a Newmont training course in Perth.