

11 May 2011

Dear Shareholder

It is with pleasure that we present you with the 6<sup>th</sup> edition of the Company's newsletter "Ausbits".

Ausbits is a culmination of great news stories about your Company, its people, its achievements and strategic development for the future.

Over the years, the Ausdrill Group of companies has grown from strength to strength and continues to strive to be the "Complete Service Company" of choice to the mining industry in Australia and internationally.

The latest acquisitions of MinAnalytical (minerals assaying laboratory) and Connector Drilling (specialist waterwell drilling) broaden our capabilities further in the services that we can offer.

The recent \$129.5m capital raising places the Company in a good position to maximise on tendering prospects in both Australia and Africa, as well as to facilitate further acquisitions if opportunities arise.

Thanks to our team of dedicated and determined personnel, we have been able to produce exceptional results and ultimately deliver these to our shareholders.

Your Company is in great shape for the future - enjoy reading about it.

Best regards



Ron Sayers  
Managing Director



**AUSDRILL**

**AUSBITS**

**Issue 6 • 2011**

**Meet the Ausdrill Angels**

**African operations expand**

**Connector Drilling purchase**





# From the MD

I would like to welcome all staff, clients, suppliers and shareholders to our sixth Ausbits newsletter at a time when the company continues to break records in growth and performance, all of which are a testament to the dedication and determination of all our staff.

When I rejoined the company in 2001 after a four year hiatus, the company had a market cap of approximately \$5 million; as at 10.45am on Friday 25th March 2011, it had a market cap of \$1 billion, with a staff of over 3,800 people operating in 19 subsidiary companies in 8 different countries.

The company is so diverse today that the name 'Ausdrill' is a misnomer: Whilst we are still a drilling company at heart, we could be better described as "The Complete Service Company" to the mining industry, both nationally and internationally. It has been suggested at Board level and by some of our institutional shareholders that we change the name to something more reflective of what we do today however I am sure they are going to have a hard job convincing me and many long term employees to make the change now. Call it pride or call it ego, I would rather educate the rest of the world as to what Ausdrill does and is capable of doing than change the name or the logo that was developed by a sign writer in a backyard in Kalgoorlie 24 years ago!

## Recent Highlights

As mentioned earlier, the growth and performance of the company has been extraordinary – the first half of the 2010/2011 financial year has again broken all records, with Revenue of \$416 million and an After Tax Profit of \$36.3 million.

## Ausdrill Limited

Ausdrill Limited, or Ausdrill Kalgoorlie as it is better known, continues to be the engine room of Ausdrill with record turnover and record profits under the astute management of Brian

Mann. Kalgoorlie is also very close to completing the construction of its new \$3 million workshop facility.

## Ausdrill Northwest

Ausdrill Northwest is now the complete exploration drilling company with the recent acquisition of 6 diamond drills (which Ausdrill Kalgoorlie allege were stolen from them) to compliment the 10 RC rigs that they have, and whilst Wayne Bucknall (alias "Bucky") is doing a great job in managing the process of becoming the complete driller, he is having a bit of a problem with "those diamond things".



## Brandrill & DT Hi-Load

Whilst we got off to a nervous start with Brandrill in the first half of the 2010 calendar year, most operations have been integrated within Ausdrill and are contributing to the overall profit margins of the group. Although some former Brandrill employees have moved on, I would like to make particular mention of Tony Tamlin, Nathan Steiner, Michael Kostarelas, Tony Hickey, Paul Clarke, Michael Bennett, Gary Credaro and Richard Lang of the senior management group for the professional and enthusiastic way they have embraced the merger of the two companies.

## African Underground Mining Services (AUMS)

AUMS is a joint venture between Ausdrill and Barmenco which was formed in May 2008 (page 3) and is managed by Glenn Heard who is doing an excellent job.

AUMS now has 5 contracts in 3 locations in both Ghana and Mali, with potentially many more to come as most of the open pits that we operate in will eventually go underground.

## Ausdrill Tanzania/Zambia

In June 2009 Ausdrill Tanzania took over Anglo Gold Ashanti's drill & blast operations at the Geita mine and they have recently also won long-term work in Tanzania for our exploration fleet previously in Cameroon (page 5).

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To view the new Company video, MORE THAN JUST A DRILLING COMPANY go to <http://vimeo.com/16486748>

Cover photo: AUMS employee Lawrence Seukuung Cheabu, Mine Captain at Akwaaba Deepes Operation on the Chirano gold mine, Ghana

The project is managed by Chris Gall, a 17 year veteran of Ausdrill, who is ably supported by Tom Collins and a team of Ghanaian, Aussie and South African expats.

The same team recently won a 12-month exploration drilling contract with BHPB Zambia, and Tom's team, in conjunction with Supply Direct, did a fantastic job of mobilising all of the rigs and equipment to site on time and within budget. A number of our Tanzanian personnel from Geita will assist in ensuring a smooth start to operations.

## Energy Drilling Australia (EDA)

EDA was formed as a joint venture between Ausdrill and Tom Browne Drilling in late 2009 to enter the coal methane gas drilling industry (page 18). Whilst the company started out as a joint venture, Ausdrill and Tom Browne have elected to dissolve the partnership and EDA will soon be a 100% owned subsidiary of Ausdrill.

EDA is managed by a former long-term employee of Ausdrill, Peter Wright. Peter oversaw the assembly of the rig in Canada and put the operations team together.

We look forward to an aggressive expansion of this business.

## MinAnalytical Services Australia (MSA)

MSA is a joint venture between Ausdrill, Garry Wheeler and Lee Gough to provide assay laboratory services in Australia and Africa (page 7).

The joint venture came about at the recommendation of one of our major clients



in Africa that was struggling to manage their sample preparation. I am sure MSA will provide further vertical integration through our business and become a contractor/supplier of choice to our many clients in the mining industry.

#### Drilling Tools Australia (DTA)/Remet

DTA and Remet moved into their new facility in March 2009 (page 6) and have gone ahead in leaps and bounds ever since, with many additions of new equipment including the acquisition of the only friction welder in the southern hemisphere (page 8).

#### Connector Drilling

The latest acquisition 'hot off the press' is that of Connector Drilling from Alan Olive, a long-term participant of the drilling industry in Australia and Africa.

Ausdrill formally acquired 100% of Connector on 21st February 2011 following an earlier approach from Alan in late 2009 as to the possibility of Ausdrill acquiring Connector as he had already been approached by other companies to sell, however he believed that Ausdrill was a much better fit culturally and wanted to ensure all of his loyal staff received the recognition they deserved in a bigger company.

As we were fully committed at the time with the merger of Brandrill, we asked Alan if he could wait a year, which he was happy to do, and ultimately returned 12 months to the day with Connector in an even stronger position.

I conducted the due diligence with our Group Engineering Manager, Mick Crocker, and could only conclude that Alan had put together a world class fleet of equipment and a fantastic team of people that will go on to be the water well drilling company of choice for all mining companies in Australia and Africa.

#### Drill Rigs Australia (DRA)

DRA continues to manufacture world class drilling equipment for the Ausdrill Group of Companies and outside clients. The new DRA330 Rock Commander (page 17) is

a testament to the innovation and engineering skills that are managed by Eddie Banner.

#### African Mining Services (AMS)

AMS continues to lead the way in open pit contracting in West Africa, with two new projects at Central Gold Ashanti's Ayanfuri Project and Adamus Resources' Nzema Project. AMS has also committed to forming an exploration division in Burkina Faso under the management of John McNaught and is also looking at numerous other projects throughout West Africa under the watchful eye of John Kavanagh.

#### People

As with any large organisation, you do have some people leave occasionally as they seek to further develop their careers and for other personal reasons.

Whilst I wish them well in their endeavours, I often get quite frustrated and annoyed with myself that I "let them get away" and it is a constant reminder that we, as a Group, need to ensure that everyone is happy in their workplace. It's a bit like "happy wife, happy life", and the more caring, fun and family oriented we are, the more successful we will be.

Some of the senior people that we have lost of late are as follows:

**Andrew Broad:** Andrew, after 16 years with Ausdrill, took a position with the VDM Group as COO and has recently been promoted to CEO – we wish Andrew well.

**Peter Nazzari:** Peter has decided to move on from Remet, but has agreed to stay on as a consultant to complete the friction welder and diamond pipe manufacturing cells.

**Rob Murdoch:** Rob has decided to move on from AMS (Australia), but again has agreed to stay on as a consultant to complete some final negotiations with clients in Australia and Africa.

**Alan Jenaway:** Alan, after 13 years as HR Manager, has decided to move on and we wish

him well. Alan has not gone far as he has joined FMG, one of our major clients.

**Scott Gillam:** The GM of Supply Direct has recently resigned to pursue a career in the drilling consumables supply business. Again, he has not gone far, joining Tricon, one of our major suppliers to Supply Direct South Africa.

On the plus side we have had some notable additions to the group:

**Wal King:** The former CEO of the Leighton Group has kindly accepted a position on the Board of Ausdrill as Deputy Chairman (as announced to the ASX on Tuesday 4th April).

The appointment of Wal is an absolute coup for Ausdrill and further enhances the already strong board that we have.

Yours truly takes all the credit for this appointment as, like most good Kalgoorlie boys, I am very "quick on my feet" and when Wal announced his retirement I got to him first in front of a very impressive list of suitors.

**Mason Hills:** Mason Hills also recently joined the Board following the merger with Brandrill. Mason's company, Resource Capital Funds, was a substantial shareholder in Brandrill and has subsequently become a 3% shareholder in Ausdrill. Mason, a solicitor by profession, is a valued addition to the Board.

**José Martins:** José has joined the Group as General Manager, Corporate Finance & Investor Relations (page 11) and he has to accept all the kudos for the recent improvement in our share price. Whilst he may have been a little shy at first, José has taken to Ausdrill like a duck to water.

**Strati Gregoriadis:** Strati has recently joined the Group as Group General Counsel and Joint Company Secretary with Dom Santini (page 11). Previously Strati had been General Counsel and Company Secretary at MacMahon, and whilst we won't hold that against him it did give rise to his nickname. Strati has fitted in perfectly.

**Chris Terlet:** Chris, alias "Righto" has recently joined the Group as General Manager, Remet



Terry Strap, Director and Terry O'Connor, Chairman in between meetings.



Matt Lucas, GM Technical Services; Terry O'Connor, Chairman and Terry Strap, Director inspect the AMS operations for Red Back Mining at Chirano, Central Region, Ghana



Engineers. Chris had previously been the 'right hand man' to Fred Moir of SDS, and comes with a wealth of experience in the design, manufacture and evaluation of prototype drilling tools in all facets of our industry.

**Peter Lock:** With Rob Murdoch leaving AMS Peter has been promoted to General Manager and is already driving me mad with capex request forms for new equipment to grow the business. I am sure Peter will fit into his new role perfectly.

**Mike Bennett:** With the departure of Alan Jenaway, Mike Bennet has been promoted to the position of HR Manager and I am sure he will do an excellent job.

**Colin (Speedy) Hutchinson / Mike Keegan:** With Scott Gillam moving on, Speedy and Mike have been promoted to joint General Managers of the Supply Direct Group, with Speedy looking after the Australian operations and Mike the international operations.

**Greg Stagbouer - GM OHS / Matt Lucas - GM Technical Services**

Whilst Greg and Matt have been with us for a while, both are doing a great job in their respective areas. Greg has put together a high class team of OH&S personnel and Matt is

winning more mining work than we can handle.

#### **Safety and The Ausdrill Way**

I have mentioned safety last as I want it to be a lasting message.

As all Ausdrill Group employees are aware, we suffered a fatal accident on Christmas Eve at the Fortescue Metals Group Cloudbreak Mine when Paul Torre, a Diesel Fitter, was fatally injured in a workshop accident. The heartbreak and sorrow that his family have suffered is irreparable and our thoughts and prayers go out to them.

At the same time we need to ensure that we are forever diligent in looking out for our own welfare and that of our workmates, which brings me to The Ausdrill Way. Whilst Paul was not married or had children, the company has endeavoured to assist the Torre family in any way we can.

I am very passionate about The Ausdrill Way as it goes to the very heart of the culture of our company and it is all about looking out for your workmates in time of accident, sickness or hard times.

We currently have a young workmate in Matt McMasters who is suffering from leukaemia

(page 12). Matt is fighting a terrible disease and as is the Ausdrill way, the Company and Matt's workmates are assisting him in every way that we can.

The uptake to The Ausdrill Way has been excellent, however for those that have not joined, please remember that you may require the support yourself one day and it costs less than half a cup of coffee a week. For a \$2 weekly contribution you will become a member of the Ausdrill Social Club which will hold some great events in the upcoming months across all States in which Ausdrill operates. Your \$2 will also be matched by the Company which contributes to a Benefit Fund providing support to those that really need it.

In closing, the company is in fantastic shape and I would like to take the opportunity one more time to thank all of the Managers of all divisions and all of their staff for the record-breaking achievements that the company continues to make. The best equipment in the world is worthless without dedicated and skilled people to operate and maintain it!

Have fun, stay away from drugs, be safe and look out for your workmates and family.

Ron Sayers



## AUSDRILL GOES UNDERGROUND IN AFRICA

The concept of taking Ausdrill's West African experience and expertise, through its wholly owned subsidiary African Mining Services (AMS), then combining it with Barmenco's experience and expertise in high speed trackless underground development and production mining, has given rise to a new venture in Africa for Ausdrill: African Underground Mining Services (AUMS).

AUMS is a 50/50 JV between Ausdrill and Barmenco. The company is locally registered in Ghana and commenced operating in Ghana, early 2008. AUMS is also registered in Mali.

Since commencing operations AUMS has been successful with the following contracts awarded:

- Akwaaba Deeps development and production contract for Chirano Gold Mines Limited (Kinross) in Ghana
- Paboose South Deeps development and production contract for Chirano Gold Mines Limited (Kinross) in Ghana
- Subika Deeps development contract for Newmont Ghana Gold Limited in Ghana
- Gara Deeps development and production contract for Randgold Resources in Mali
- Yalea Deeps development and production contract for Randgold Resources in Mali

AUMS also offers raise-boring, underground diamond drilling, shot-creting, mine planning and mine engineering consulting.

As anticipated, interest shown in AUMS by other mining companies is promising with AUMS considering a number of potential opportunities.

The success of AUMS continues to play an important role in the strong growth of the Ausdrill Group throughout West Africa and the remainder of the African continent.



# SHAREHOLDER CORNER

## Wal King Joins Board as Deputy Chairman

Wal King was born and educated in New South Wales and graduated from the University of New South Wales with a Bachelor of Engineering Degree and a Master of Engineering Science Degree.

He began his career with Leighton in 1968 working on major construction projects all over Australia and quickly moved into management, becoming a Director of Leighton Holdings Limited in 1975 and being appointed CEO of Leighton Holdings in February 1987 until his retirement on 31 December 2010. During the time Mr King was CEO of the Leighton Group, its market capitalisation grew from \$85 million in 1987 to approximately \$9 billion today; its revenue increased fifteen-fold and net profit eighty-seven fold during the same period.

Mr King is a Director of Coca-Cola Amatil Limited, the University of New South Wales Foundation Limited, Kimberley Foundation Australia Limited and the Garvan Research Foundation; and is a Council Member of

the University of New South Wales. He is a former Member of the Business Council of Australia and was President of the Australian Constructors Association from its inception in 1994 to December 2010. Mr King is an Honorary Fellow of the Institution of Engineers Australia; a Foundation Fellow of the Australian Institute of Company Directors, and a Fellow of the Australian Institute of Management, the Australian Institute of Building and the Australian Academy of Technological Sciences and Engineering. He is also a Member of the American Society of Civil Engineers.

Wal King was the 2001 winner of the ICAA/ Zurich Business Leader of the Year Award and also was the winner of the 2008 ICAA/ Perpetual Business Leader of the Year. He was also awarded the 2001 Peter Nicol Russell Memorial Medal – The Institution of Engineers Australia's highest award, and was presented Life Membership by the Tourism and Transport Forum for his contribution to the development of Australian transport infrastructure. He was



**Wallace (Wal) King AO**  
BE, MEngSc, Hon DSc, Hon FIEAust, CPEng,  
FAICD, FAIM, FAIB, FTSE

awarded Property Person of the Year 2008 by the Urban Taskforce.

Mr King has a Bachelor of Engineering, a Masters Degree of Engineering Science and was conferred an Honorary Doctorate of Science by the University of New South Wales for his distinguished eminence in the field of construction engineering.

Wal King was appointed an Officer of the General Division of the Order of Australia in 2004.

He is a keen heli-skier and also enjoys trekking and cycling.

## Capital Raising April 2011

On 6 April 2011 Ausdrill announced that a capital raising by way of a placement to institutional investors is to be arranged by Argonaut Limited and JP Morgan Australia Limited to raise approximately A\$129.5 million. In addition Ausdrill will offer a share purchase plan to our retail shareholder base to participate at the same price as the institutional investors.

The purpose of the capital raising is to provide the funds to further grow the business by way of equipment purchases and acquisitions.

Ausdrill has invested significant capital in the expansion and modernisation of its equipment fleet over the last 5 years and this expansion is projected to continue in order to meet the anticipated demand for mining services both in Australia and Africa. It is widely known that the resources industry is experiencing a period of high growth and Ausdrill wants to be in a position to meet the increased needs of the mining companies. Therefore Ausdrill has decided to act pre-emptively and seek the capital to buy the equipment that will be required

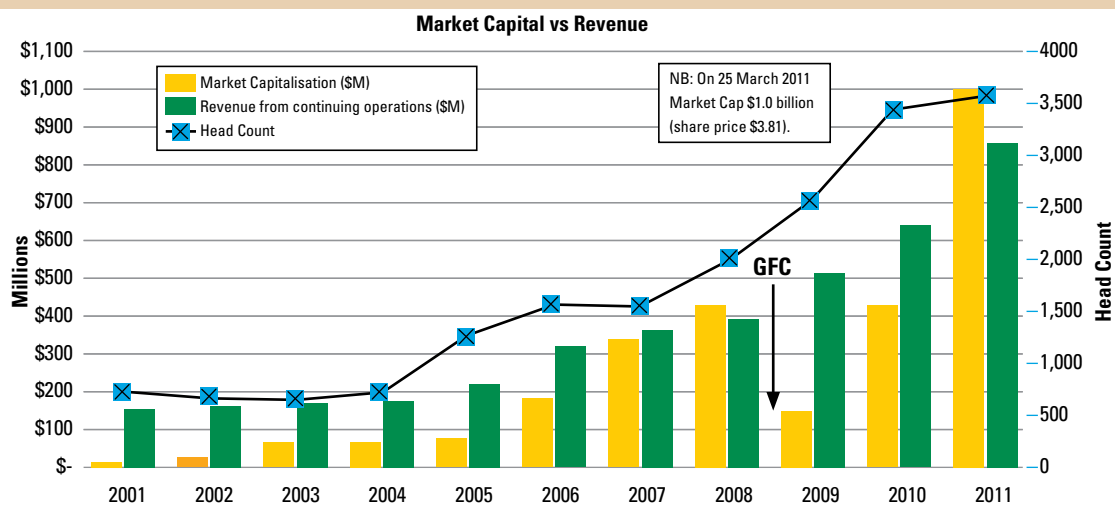
by the mining industry in the near term.

In addition Ausdrill has been active in seeking acquisitions that fit its vertical integration strategy as evidenced by the last two businesses to join the Ausdrill group being MinAnalytical Assay Laboratories and Connector Drilling. Ausdrill will be seeking further opportunities such as these to expand our service offering to our clients.

Ausdrill has raised capital in prior years for

the purposes of funding growth. The last two raisings were in 2008 and 2010 when a total of A\$200 million was raised. In addition Brandrill was acquired for A\$70 million in December 2009. During that time the revenues of Ausdrill have risen from A\$387 million in June 2008 to over A\$800 million by June 2011.

Ausdrill recognises that the above achievements can only be delivered by the outstanding effort of our dedicated group of employees. The chart below depicts the growth of the Company over the last 10 years showing an increase in revenues and the increases in employees required to deliver that growth.





# AFRICAN OPERATIONS CONTINUE TO EXPAND

**Ausdrill Tanzania.** Ausdrill Tanzania Limited took over the Drilling and Blasting at the Geita Gold Mine site in July 2009. The operation at Geita consists of seven DML45 rigs and seven Pantera 1500 rigs plus ancillary equipment. Thanks go out to Ross (Rosco) Elliot and Samuel (Abruntee) Gyasi for the enormous efforts put into the drill operator training. The Tanzanian workforce has grown into a proud and competent group.

**Ausdrill Tanzania expanded into exploration in 2010.** The exploration division started in August 2010. The two first diamond drillers to operate the UDR650 rig were Shiva Robinson and Boniphace Saguge. They endured very difficult drilling conditions at the Dutwa Nickel Project but their talent as experienced drillers shone through. Congratulations to Shiva and Boniphace who will now be joining our new operation in Zambia working as expatriate drillers on the BHPB project. We look forward to more of their workmates doing the same in future.

**Central Ashanti Gold Project Mining Contract awarded to AMS.** African Mining Services Ghana has been awarded the mining contract for the Central Ashanti Gold Project – Ayanfuri, Ghana. The contract is for a complete service including grade control, drill & blast, load & haul, and crusher feed. The contract commenced pre-production in March 2011 and will run over 63 months.

**AMS renegotiates the contract at Newmont's Ahafo Gold Mine in Ghana.** African Mining Services has for the 5th consecutive year successfully renegotiated the exploration drilling contract at the Ahafo Gold Mine in Ghana, owned and operated by Newmont. This extends African Mining Services' relationship with Newmont at the Ahafo Gold Mine where African Underground Mining Services is also carrying out work at the Subika underground project.

**Ausdrill Zambia awarded exploration contract with BHP Billiton in Western Zambia.** Ausdrill's contract mining and exploration business in East Africa has been successful in securing an exploration contract with BHP Billiton in Western Zambia. The contract is for an initial 12 month period with the option of a 12 month extension.



UDR Boys



Schramm Boys



# DRILLING TOOLS AUSTRALIA UPDATE

by Brian Sanfead, GM

## Growth of the DTA business

A lot has happened since our last contribution to the Ausbits May 2008 edition when we had just 38 staff operating out of our original building in Uppsala Place. In March 2009 we began moving into our brand new facility in Gauge Circuit, Canning Vale. We have installed two additional front line machines taking our total of robot loaded multitask machines to six. Another three frontline machines are on order, with deliveries to be completed by the end of June 2011.

The last couple of years has seen our monthly turnover increase almost threefold through the support of the Ausdrill divisions and externally through customers such as Newmont, Newcrest, Mt Gibson Iron and Xstrata. It has been a real challenge to match production with demand, sometimes stressful, but always rewarding!

We now have 91 staff, including six in Brisbane and 7 in Boddington. I am extremely proud of the phenomenal growth that we have achieved here at DTA since 2006, which is the result of a lot of hard work and contributions from a broad range of people from all parts of our company.

## Innovations to enhance productivity

In order to keep up with the ever growing demand for DTA products, we have continually sought to improve our existing designs and production efficiencies. Addressing the manufacture of our biggest mover, DTH percussion bits, we were able to reduce the pre-heat process by 37%, a time saving which created room for more capacity.

In search of new ideas, a group of five spent 5 days in February 2011 touring the Mori Seiki factories in Tokyo looking at new machines and

robot technology. We saw the latest and greatest multitaskers like the NT6600 and NZL6000 which have capabilities of large diameter percussion bits (600mm plus) and large parts for the oil and gas industry. We looked at fully automated deburring cells, production lines and the new NLX2500 with robot loading capable of producing hammer parts 24 hours a day without human contact.

Early in 2011 DTA took ownership of a state of the art 6 axis measuring device to aid us in more accurate measuring of new and existing parts. The measuring device from ROMER is accurate to within 0.005µm (5 microns) or 0.0002" (two tenths of a thou) in the old money. Software that works in conjunction with the device will allow us to manufacture and completely inspect a part directly from a 3D model. This has the potential of removing the need for engineering drawings for some of our more elaborate parts, allowing us to turn products around from concept to final finish stage more efficiently.

## Boddington contract awarded

In June 2010, Drilling Tools Australia was invited by Newmont Boddington Gold to trial blasthole hammers and drill bits. Along with other world recognised drilling equipment suppliers including Sandvik, Halco, and Atlas Copco, DTA was asked to supply D88 QL80 (8") DTH blast hammers and 216mm QL80 (8 1/2") drill bits. Many positives came out of the trials for us, which included excellent penetration rates, reliability and significantly more drill bit life. We provided a relentless back up service and personnel to support the drilling process to work with Newmont to further improve production.

Newmont informed DTA in November 2010 that



we had been awarded a two year contract for the full supply of blast hole drilling consumables and technical support at the Boddington mine. This is the largest "single mine" drill consumable supply contract ever awarded in Australia and extends the existing relationship between NBG, Ausdrill and DTA.

Being awarded the Newmont contract is a real milestone and a result of a lot of hard work, innovation and dedication from the entire DTA team. Frank Moulds deserves a special mention, leading the onsite Product Support Team through the entire process from start to finish. Congratulations Frank.

We at DTA are very proud of our product and where we now stand on the world stage. It is our commitment to keep improving, to keep producing and to keep supplying quality drilling consumables that are of a world class standard, while offering old fashioned hands on service.

## Brisbane sales office

The DTA Brisbane sales office has grown to a total of six staff since opening in September 2009. The main focus has been supplying blast hole and exploration (hard rock and coal) drilling products to clients such as Boart Longyear, Major Drilling, Vale and Xstrata operating on the East Coast and in Papua New Guinea.

In the second half of 2010 our focus expanded to supplying customers drilling onshore for CSG/CBM in the growing East Coast oil and gas market. Agencies already secured include R&T Controls – Koomey, Integrated Equipment – blow out preventers, Rotary Drilling Tools – API drill pipe, and Logan Oiltools – Bowen fishing tools and power swivels. We are in discussion with Gardner Denver to be their Australian agent for GD mud pumps and spare parts, and with PDC Logic for PDC bits.



Testing at Boddington



Mori Seiki factory tour



# STRATEGIC PURCHASE OF CONNECTOR DRILLING

In Early 2011 Ausdrill Limited purchased the specialised hydrogeological drilling contractor Connector Drilling, operating from premises in Bullsbrook, Western Australia.

Connector Drilling was established in 1992 by husband and wife team Sue and Alan Olive, and is a leader within the industry with a modern fleet of rigs and ancillary equipment. It has established a reputation for leading the market in the area of engineered controls for the reduction of manual handling.

Currently regarded as the premier waterwell drilling contractor in Western Australia, Connector Drilling specialises in large diameter bores ( $\leq 24"$ ) and has a depth capacity exceeding 1,000 metres. Connector Drilling operates the only Dual Rotary ("DR") capable rigs with a fully automated pipe and casing handling system.

Other surface drilling in the mining sector involves the drilling and casing of surface/ventilation holes, sand and paste fill for underground mines. In addition, there are opportunities to provide gradient test wells and hot aquifer geothermal holes.

Connector Drilling has planned for growth, expanding their management team and implementing a modernisation programme



of its seven rig fleet. Two new Dual Rotary rigs including a Schramm T130XD were recently commissioned and four new Foremost DR 24HD rigs are on the way throughout 2011. The business has over sixty employees and its key customers include Rio Tinto, Fortescue Metals Group, Newmont and Newcrest.

Ausdrill anticipates that there will be a continued high demand for hydrogeological drilling and that Connector Drilling is well positioned to meet customer needs.

# AUSDRILL ENTERS THE COMMERCIAL MINERALS ASSAYING BUSINESS

**MinAnalytical Laboratory Services Australia** is a joint venture between Ausdrill, Gary Wheeler & Lee Gough to create a quality-focused, independent analytical service company providing a comprehensive range of geochemical and precious metals analyses to the mineral exploration and mining industry.

There are huge potential synergies to be developed between MinAnalytical and Ausdrill in offering a one stop shop for companies undertaking mineral exploration and mining. Initial marketing has been very positive with strong expressions of interest.

Gary and Lee have a combined 54 years of mineral exploration and assay experience with Genalysis Laboratory Services (now Intertek Laboratory). Both have extensive experience in the design, set up and management of large commercial laboratories in Australia and Africa.

Gary and Lee are joined by John Valuri, Operations Manager and Ronald Janssen, Technical Manager. Both are experienced chemists and managers - John has many years experience in minerals and shipping analysis, and Ron with instrumental analysis, particularly Inductively Coupled Plasma / Mass and Optical Emission Spectrometers and Atomic Absorption Spectrometers.



With the core management team in place, the recruitment of laboratory staff and technicians will commence in April. The operation is anticipated to have a staff of about 30 people ready for a midyear startup, set to grow to several hundred within the next few years.

This new Canning Vale based laboratory facility will encompass the latest generation of laboratory management systems (LIMS) and equipment, including Mass Spectrometers and Optical Emission Spectrometers.



# Remet Engineers – FRICTION WELDING PROJECT

In January 2009 a study was initiated to research and identify the fundamentals of the friction welding process for the manufacturing of drill rods. We realised the friction welding process was quite common throughout the world, however no such equipment was installed in Australia. It was also recognized Remet's offshore competitors were using the FW process extensively and their product is being imported into Australia. Two companies - Thompson Friction Welding (UK) and Manufacturing Technologies International (USA) were found to be the predominant companies designing, constructing and installing custom built machines to these competitors.

Visits to both companies during 2009 identified key aspects to friction welding technology and verified design concepts offered by TFW were reliable and achievable. In October 2009 a decision was made to partner with TFW to design and construct a Continuous Direct Drive machine modeled on a Thompson M60 Machine (60 tonne forge force). The spindle and chuck were to be reengineered to accommodate an intricate variety of

chuck tooling (each drill pipe and inner tube design requires an individual tooling set) and designed to also include an Internal Modular Boring Tool fully programmable for internal flash removal, a WORLD FIRST in the M60 machine. Our M60 machine was designed for flexibility to weld a wide range of drill pipe and inner tube designs, diameters and lengths ranging from 1.5M to 9M.

- 4-1/2", 4", 3-1/2" O.D. Remet and Metzke RC Outer Tube and Inner Tubes
- 3-1/2 Reg, 3-1/2 IF, 2-3/8 Reg, 2-3/8 IF Regular Drill Pipe
- AWJ and BWJ Coring Drill Pipe
- 2-3/8 HSH and 2-7/8 AOHLW In Seam Coal Drill Rods
- 75 RC PCD Drill Rods

The M60 was delivered in December 2010, and over the first few months of 2011 has been installed, commissioned and tested. The next phase of the project is to train our operators and complete weld development and weld integrity

analysis which includes metallurgical analysis and weld test in accordance with International Standard ISO 15620.

To further enhance and improve production rates, automated material handling systems will be developed and integrated with the M60 welding functionality.



## Drilling Innovations — sample conveyor project

Ausdrill is proud to be a technology partner with Rio Tinto's Technology and Innovation team. Rio Tinto also has a substantial programme in place to develop automated systems for its surface mining operations aiming to create safer and more efficient operations. Ausdrill with Roesner Engineering are manufacturing a new sample conveyor that can convey large blast hole chips through a continuous splitter.

As a result of the sample conveyor project there are number of other offshoot projects that will further improve safety associated with sampling activities, accuracy and repeatability.

**The sampling conveyor design reduces risks associated with current sampling methods for large holes by:**

- Reducing exposure
- Reduces interaction with equipment
- Reduces manual handling

**How it works:**

- Designed to be scalable to collect drill cuttings from large blast holes typically > 200 mm OD
- Can be fitted to DTH and Rotary Drills > 60,000lb
- Device is mounted on the drill deck so the sample catching chute can be positioned adjacent to the drill pipe at ground level
- Catching hopper is located close to the operator's cab, or a location convenient to safely collect the sample

The Mk3 design is completed and we are now at rig selection / rig engineering stage to ensure rig suitability.

Ausdrill continues to be a leader in innovation improving safety and production in the mining and civil industries. For further information please contact [michael.kostarelas@ausdrill.com.au](mailto:michael.kostarelas@ausdrill.com.au)





# MEET THE AUSDRILL ANGELS

Ausdrill has a long and proud history of bringing young apprentices into our workplaces and industries. This tradition continues today with the Group in 2011 investing in the future of 14 first year apprentices across 5 trade areas. The Ausdrill Training Academy looks forward to a long lasting relationship with these young people, the next generation of tradespeople. Welcome to the following apprentices who have joined the ranks of the Ausdrill Angels.



**James Dorloff**  
DRA - Plant Mechanic



**Brody Emmett**  
DRA - Plant Mechanic



**Michael Long**  
DRA - Plant Mechanic



**Daniel Shord**  
DTA - Fitter/Machinist



**Bradley Garret**  
DTA - Machinist

## Angels completing their apprenticeships since the last edition of Ausbits

- Paul Jones (Bubbles) completed his training in May 2008 and is currently employed as a Boilermaker at Ausdrill's Kambalda operations.
- Paul Valenti completed his training in June 2008 and is currently employed as a Plant Mechanic with DRA at their Canning Vale operations.
- Mark Lally completed his training as a plant mechanic at Ausdrill's Canning Vale operations in July 2008. On completion of his training Mark worked for some time as a Serviceman at Ausdrill's Cloudbreak operations. Mark is currently overseas on a working holiday.
- Chris McGrath completed his training as a mature age Plant Mechanic at Ausdrill's Boulder operations in September 2008. Chris is currently employed as a Plant Mechanic at Ausdrill's Boulder operations.
- Bryce White completed his training as a Plant Mechanic at Ausdrill's Kambalda operations in December 2008. Bryce is currently at Ausdrill's St. Ives gold operations.
- Alex Howard completed his training as a mature age Plant Mechanic at Ausdrill's Kambalda operations in January 2009. Alex is currently employed at Ausdrill's Huntley project.
- Cody Parker completed his training as a Plant Mechanic at Ausdrill's Boulder operations in May 2009. Cody is currently employed as a Field Service Mechanic at Ausdrill's Boulder operations.
- Nathan Beard completed his training as a Plant Mechanic at Ausdrill's Boulder operations in September 2009. Nathan is currently employed with Ausdrill at their Fimiston Super Pit operations.
- Adam Biston (Fluff) completed his training as a Plant Mechanic with Ausdrill at their Canning Vale operations in January 2010. Adam is currently employed with Ausdrill at their Christmas Creek operations.
- Neil Best completed his training as a mature age Automotive Electrician at Ausdrill's Boulder operations in June 2010. Neil is currently employed at Ausdrill's Boulder operations.
- Scott Bateman completed his training as a Plant Mechanic at Ausdrill's Boulder operations in June 2010. Scott is currently employed with Ausdrill at their Fimiston Super Pit operations.
- Haidin Dauti completed his training as a mature age Drill Fitter with Brandrill in July 2010. On completion of his training, Haidin transferred his employment to Ausdrill's Area C operations.





**James Symonds**  
DTA - Machinist



**Michael McDonald**  
Ausdrill Ltd - Plant Mechanic



**Luke Munro**  
Ausdrill Ltd - Plant Mechanic



**Luke Gibson**  
Ausdrill Ltd - Plant Mechanic



**Leigh Jackson**  
Aus Ltd - Plant Mechanic



**James Willems**  
DT Hiload - Heavy Welder



**Tamaka Tahu**  
DT Hiload - Heavy Welder



**Kevin Gee**  
DT Hiload - Heavy Welder



**Matthew McGillivray**  
Ausdrill Northwest - Plant Mechanic

## Progress of former Angels

- Luke Newling was promoted to Leading Hand at DTA in May 2010.
- Warren Hancock (Wassa) completed his training as a mature age Plant Mechanic with Ausdrill at their Boulder operations in December 2009. Warren is currently employed as a Maintenance Supervisor at the Boddington Gold Project.
- Mick Buszan completed his training as a Plant Mechanic at Ausdrill's Boulder operations in July 2008. Mick is currently employed as an alternate Maintenance Supervisor at the Boddington Gold project.
- Bradley McAloon (Syd) completed his training as a Plant Mechanic with DRA at Canning Vale in July 2010. During the latter part of his apprenticeship, Bradley travelled to Ausdrill's West African operations and assisted John McNaught in the commissioning of two new drill rigs. This is an excellent achievement as not only did Bradley assist in the commissioning of the drill rigs he also played a major part in building the units.
- Steve Godman (Goddy) achieved trades recognition in July 2010. Steve has been employed as a Boilermaker /Welder with Ausdrill at their Kambalda operations for some eight years without a trades certificate. With the support of Ausdrill's

Area Maintenance Manager Mick Baxter, we were able to involve Steve in a training program which enabled him to obtain his trades certificate. Special thanks go to Mick Baxter for his support in the program and congratulations to Steve for his achievement.

These achievements demonstrate the commitment not just of the Angels, but also of our experienced tradespeople, supervisors and managers who mentor and train our Angels to become highly valuable assets to our operations. Special thanks and mention must also go to Don Lithgow, the Guardian Angel, who has overseen this essential scheme since 2005.

## Service Awards

Ausdrill is understandably proud of the loyalty shown by it's employees. The following list is only for the last quarter (January to March 2011) and represents 265 years of combined service with the Group. ***Congratulations to all the following on achieving these significant milestones:***

### 20 Years Service

Anthony Tamlin	Ausdrill Corporate
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### 15 Years Service

Peter Gaby	Remet
Bradley Cook	Drill Rigs Australia
Robert Mundy	Kambalda Exploration

### 10 Years Service

Gavin Napier	St Ives Drill and Blast
Keith O'Malley	Boulder Workshop
Paul Ovans	Kalgoorlie Exploration
Troy Moir	Remet
Leslie Migga	Kambalda Exploration
Wade Rosbender	St Ives Drill and Blast
David Blythe	Newman Drill and Blast

### 5 Years Service

Kyle Fitzgerald	Area C Maintenance
Sean Cotter	Ausdrill Northwest
Douglas Hill	Remet
Luke Newling	Drilling Tools Australia
Scott Drust	Greenbushes Drill and Blast
Brian Burnett	Greenbushes Drill and Blast
Jeremy Gorrie	Callide Drill and Blast
Kevin Kerrison	Remet
Michael Stein	St Ives Drill and Blast
Ryan Searell	Ausdrill Northwest
Anthea Matthews	Diamond Communications
Brandon George	Remet
Brendan Whyte	Hope Downs Drill and Blast
Jack Laidlaw	Diamond Communications
Clayton Lamb	Ensham Drill and Blast
David Smith	Remet
Adonay Cortale	Cloudbreak Drill and Blast
Aaron Fitzpatrick	Maintenance Canning Vale
Maximador Agam	Boulder Workshop
Peter Frank Stirrat	Barrow Island Drill and Blast
Phillip Tremeer	Drill Rigs Australia
Allan Hansen	Fimiston Drill and Blast
Grant Farrell	Huntley Drill and Blast
Ross Baker	Diamond Communications
Paul Tester	Diamond Communications
Sean Judd	Frances Creek Drill and Blast

## Employee News

### Welcome

As the Ausdrill Group continues to grow, so does the talent in our workforce. Recently we have welcomed two key people into our senior management team.

José Martins,  
General Manager  
Corporate Finance  
& Investor Relations

Strati Gregoriadis,  
General Counsel and  
Company Secretary



### Career changes within the Group

Nichole Moore who was the Accountant for DTA and progressed to Systems Accountant with Ausdrill Corporate.

Kim O'Sullivan, who was DTA's Accounts Officer, and now the Asset Accountant for Ausdrill Corporate - another shining star in the making

### DRA social bits

DRA held their annual Swan Brewery golf day late in 2010. Neil the Kiwi sensation made a clean sweep of the awards. The word is Neil spends most evenings after work practicing his golf.

### FOOTY TIPPING

Join the free Ausdrill footy tipping competition by going to:  
[www.footytips.com.au/comps/ausdrill](http://www.footytips.com.au/comps/ausdrill)

### New additions to the family

Congratulations to Ryan Gillingham (DRA) and Chanelle on the arrival of Tristan, born 19th February 2011

Congratulations to Julien Gares (IT) and Wave on the arrival of Isabella, born 26th November 2010

Congratulations to Chris Hidding (IT) and Kylie on the arrival of Sophie, born 28th November 2010

News of any employee marriages, births, new boats or lotto winnings are welcomed in Ausbits. Please email contributions to [ausbits@ausdrill.com.au](mailto:ausbits@ausdrill.com.au)



## Matthew McMaster

Matty worked as an offsider at Cloudbreak until June 2010 when he was diagnosed with acute lymphoblastic leukaemia (ALL). Since that time, Ausdrill has supported Matty in various ways, including flying his father down from Darwin to be with Matty.



Late in February of this year, Daniel Filer and Greg Stagbouer were having lunch with Matty when he made the comment that he had always wanted to drive an Italian supercar. This dream was pursued with Ron Sayers who approached two of his mates from the WA mining industry who own supercars.

On Wednesday 16th March Tim Goyder (himself in remission from leukaemia) picked

Matty up from home in his 599 Ferrari. Tim gave Matty a Ferrari hat and shirt, courtesy of Barbagallos, then drove to Ausdrill Canning Vale. The boys spent some time together at Canning Vale before Matty was taken home in Mark Caruso's Maserati Gran Turismo. Big thanks to Mark and Tim for generously offering up their time and their beautiful Italian cars and to Ron for arranging the day. All of Matty's mates and colleagues at Ausdrill wish him the best as he bravely faces some tough times.



## Employee Profile Luke Phillips



**Where were you born?** - I was born in Bendigo, Victoria

**Where do you call home now?** - Kalgoorlie, Western Australia

**What name are you known by at work?** - Haha, Luke as far as I'm aware

**What was your first job?** - Builders' Labourer

**When did you start with Ausdrill?** - 2006

**What is your current role?** - Project Manager St Ives Drill and Blast

**What other roles have you had with Ausdrill?**

I started as a Grade Control Offsider at KCGM with Ausdrill in 2006, moving later into drilling. I progressed into the Training Department at the Boulder Office and began studying, completing my Diploma in OHS in 2010 and Cert IV in Training and Assessing in early 2011. During 2009 - 2010 I worked as an OHS Adviser at the Kambalda Mine after which I was transferred back to the Boulder Office as the Senior HSE Advisor, Goldfields. Four months ago I was then offered the position of Project Manager at St Ives Goldmine for Drill and Blast.

**AFL, soccer, league or union? Which team?** - Carlton Football Club!!!

**What's your favourite meal?** - Nice big steak with hot mustard

**Who would you most like to have dinner with?** - Warren Buffet -For share trading tips

**What could you not live without?** - Mobile phone

**What are your favourite things to do on break?** - Shooting

**What is your favourite CD?** - Tour of Duty soundtrack

**What's on your iPod at the moment?** - Don't own one

**Best movie you have seen recently?** -127 Hours

**What was your first car?** - Holden Commodore

**What would you be driving if you won lotto?** - Ausdrill work ute

**What is your advice for new starters?** - Learn everything you possibly can across different departments; ask lots of questions - no question is stupid; be thorough in everything you do.



# 2010 Christmas Parties



On Thursday 23rd December 2010 the Flame Tree Lawn at Ascot Racecourse was transformed into a mini amusement park, with a velcro wall, bouncy castle, bumper cars, bubblemania and face painting to name but a few of the attractions.

The weather cleared up just in time for the party to start, with some 200 children coming through the gates to enjoy the rides. One of the highlights of the day was a water arch which was put together at the last minute by Craig and the boys at Remet – a very big thank you for bringing some much needed temperature relief on what turned out to be an extremely hot day!

Another huge Thank You to Craig for making such a magnificent sleigh and reindeer, and also to Keith Rowe, Elyshia Kovachevich, Sam Coombs and Suzie Ewan ... somehow Santa & his Elves managed to hand out presents to every single child without any obvious signs of heat exhaustion! The children were thrilled to be able to ride in Santa's sleigh with the elves and to have a turn at ringing the bell. A truly wonderful afternoon was enjoyed by all.

## 2010 Adults Christmas Party

A magician, a caricature artist, a live band and an aptly-named 'Shonky Santa' provided the entertainment that kicked off a night of eating, drinking and dancing that was enjoyed by all. 2010 has been and gone, but the memories of the Ausdrill Christmas Party will remain ... as will the evidence! Check out more photos on the Ausdrill intranet.





# HUMAN RESOURCES

**Mike Bennett,**  
Group  
HR Manager

## Changes to the HR team.

Mike Bennett has replaced Alan Jenaway as the Group HR Manager. Thanks to AJ for his 13 years of service to the Group and all the best in his new role at FMG. Other recent additions to the HR Team include Andrea Manning who has joined us as Travel Coordinator. Andrea has a wealth of experience and is the authority within Ausdrill when it comes to travel. Craig Garner is a fitter by trade and joins us as our Maintenance Recruitment Coordinator. Georgia Matters joins us as HR Administrator after having been in a similar role at MacMahon.

## Novated leasing of vehicles

All permanent full time Ausdrill Group employees in Australia can now enter into a salary sacrifice arrangement for the provision of a novated lease motor vehicle. Novated leasing allows you to use part of your pre-tax income for a fully maintained vehicle including all running costs. Autopia is Ausdrill's Novated lease provider. For further information:

- Call one of Autopia's Vehicle Benefits Specialists on 1800 288 674
- Email [info@autopia.com.au](mailto:info@autopia.com.au)
- Fill out the online form at [www.autopia.com.au/employeebook.html](http://www.autopia.com.au/employeebook.html)

## Salary Sacrifice into Superannuation

Did you know that you can salary sacrifice part of your pre-tax income straight into your super fund? Salary sacrificing into super is a very tax effective way to increase your superannuation savings.

## Email addresses

Having so many employees it is much quicker to contact everyone in the group via email and we hope to be able to email Ausbits out to as many people as possible in future. Your Site Administrators/ Supervisors will be asking you to complete a new payroll details form in the near future.

## Your Feedback

We are always looking at improving the way we do things and recognise that some of the best ideas come from



you the employees. Tim Battersby, Employee Relations Adviser will be getting out to workplaces to gather up any ideas, suggestions or general comments. Alternatively, these can also be emailed through at any time to [humanresources@ausdrill.com.au](mailto:humanresources@ausdrill.com.au)

## CAREERS SECTION

### Current Vacancies

We are always looking for good Drillers, Fitters, Offsiders, Boilermakers and other experienced mining or administrative personnel. If you know of anyone who fits the bill then please get them to send their resume into [recruitment@ausdrill.com.au](mailto:recruitment@ausdrill.com.au)

## Spotters'/finders' fee

It's back on! If you refer a person in an eligible occupation you could both earn \$2,500 provided the person remains employed for 6 months. Conditions apply so ask your administrator, supervisor or the Payroll and HR departments for a form which will tell you how you can participate.

## Expo in the UK

A small team travelled to the UK on a recruitment drive to try and source skilled workers for our operations. After attending the WorkingIn expo's in London and Manchester in March we have engaged some excellent candidates.



# A Culture of Safety in our Workplaces

Greg Stagbauer,  
GM Health, Safety, Environment and Training

"The Standard that you walk past is the Standard that you set" relates to a whole range of areas including safety and goes hand in hand with the poem "I chose to look the other way". I would encourage everyone to read the poem and put yourselves in the writers shoes and imagine what you would be going through should this happen to you.

The OHS Act states that both the employer and employee have a Duty of Care in the workplace, but how does this work? As the employer, Ausdrill has a duty to provide a safe place of work and as employees we all must take reasonable care for our own safety and health, and that of others, at work. In practical terms this means to keep a look out for unsafe acts and hazards throughout the workplace, to correct them, or report them if they cannot be immediately rectified, before someone is hurt or damage is done.

There are HSE Managers and Advisors integrated into each of the businesses and sites with their main role being to assist the Site Managers in maintaining a safe and

healthy workplace. I would ask that you support them in their role so each and everyone one of us can go home safe at the end of each shift or roster. The Ausdrill Group is in the midst of aligning all Safety Systems, including Safe Work Procedures and I would ask that each of us are involved in reviewing these processes to ensure that we have them right. If a procedure isn't being followed, there is usually one of several issues: the procedure is incorrect; there is another way of completing the task or there is a blatant disregard for safety. If it is one of the first two, we need your input into making sure that each procedure is corrected. If it is the last it is each of our responsibility to change.

## Training Academy

A group of employees from various businesses across the Ausdrill Group have been developing their leadership skills and business sense through the Certificate IV in Frontline Management program.

Since August 2010, Ausdrill participants have been relating their extensive fieldwork experience

to the theory components of the program offered by the Australian Institute of Management. Topics covered include continuous improvement strategies; leadership and team effectiveness; workforce relations; operational planning and management; and maintaining safe work environments. The current group is due to graduate on March 18th, 2011.

The next Frontline Management program starts in June 2011, running through until November 2011, and there are still several places available for the next generation of our operations leaders. Employees who wish to be considered for these places should discuss their interest with their Manager who can nominate potential candidates to their General Manager.

## Safety Awards

\$100 Myer voucher presented by Tony Badcock, Project Manager at Hope Downs to Serviceman, Jason Clover, for his constant and on-going awareness of safety for himself and his fellow work mates. Jason is proactive in Hazard Identification

and is always active in identifying possible incidents then assisting to rectifying them wherever possible.

\$100 Myer voucher presented by David Wilson, Senior HSE Advisor at Prominent Hill to Andrew Rost, Trainee Driller, for his exceptional regard to workplace safety and recording a record number of HITS in December.



Tony Badcock presenting Jason Clover with his safety award



Dave Wilson presenting Andrew Rost with his safety award

**IT Computer On A Budget: Recommendation for Free Software & Special Offers** Good things in life don't necessarily cost you a bomb. Here are a few programs that could make your life easier, and less stressful.

- AVG Anti-Virus: a security system that can protect files and programs that are open, or on your computer. Updates by itself, and is easy to use!
- OpenOffice.org: an alternative to Microsoft Office if you don't have it installed, or don't have a full licence. Does exactly as same as the original
- CUTE PDF Writer: converts any of your Windows application to a PDF document
- Skype: once you have a Skype account you are able to talk face to face with your family and friends all over the world for free, just keep in mind this comes out of your monthly internet allowance
- GIMP: an image editing program which allows you to edit colour photos to black and white, or remove red eye, just to name a few things
- VLC: watch your movies and TV shows in any format on your PC or laptop

**Microsoft Office offer for employees.** Ausdrill employees are able to take advantage of a great deal on purchasing the Microsoft Office Suite for \$15. To buy your copy, follow this link on the intranet <http://intranet/Pages/MicrosoftHomeUseProgram.aspx>

## Release Notes for Pronto Upgrade to 670

PRONTO-Xi Phase 5 was a major leap forward in functionality, design and infrastructure capability, and opened new windows of opportunity for the Pronto Community. The bar has been lifted higher with the introduction of PRONTO-Xi Phase 6. This new version is heavily focused on the needs of its customers. Included in the new release:

- General Ledger Files and Transaction Relationships
- Upgrade Information
- Tax Reconciliation Menu Restructure
- Functional Changes
- Related (Non-Tax Specific) Changes
- Structural Changes

## Congratulations Terry!

Terry Shein, IT Support Officer at Canning Vale has successfully completed his studies to be awarded the qualification of MCITP (Microsoft Certificate of Information Technology Professional) by the Microsoft Centre of Excellence.

## Game review - Need for Speed: Hot pursuit

5 out of 5 stars

Need for Speed: Hot pursuit is a game that encourages you to drive dangerously and to take down your opponents by any means necessary. Licensed cars from the likes of Lamborghini, Aston Martin, and Porsche can be used to slide around corners with only the briefest of touches on the brake, and you earn nitrous by driving

dangerously close to other vehicles and into oncoming traffic. The option to play both as illegal racers and as the cops that are chasing them brings some much-needed variety to the action, while spike strips, road blocks, and other satisfying countermeasures ensure that Hot Pursuit doesn't feel quite like any racer that you've played before.

This fast-paced racer keeps you glued to the TV and on the edge of your seat regardless of which side of the law you're playing on. Available on PS3, X360, PC

## Common myths and misconceptions about viruses

Firewalls protect you from viruses  
The only type of malware that you'll definitely be helping prevent is a worm, because they travel over the network. And sure, theoretically an outbound firewall will alert you when a malware application is sending data back, but that's a false sense of security, since once you are infected, a clever virus can simply disable the firewall.





# BLAST from the PAST

Bill Jackson swimming out to Adrian Claridge on rig 6 at the flooded Paddington mine in 1990  
BJ is still with Ausdrill Ltd. in the Boulder office.

"Did you bring me the sandwiches BJ?"  
"Why do you think I am wearing this hard hat"

## Stop smoking and reduce Tax by \$4,000 per year

The average smoker (25 cigs per day) will spend \$6,000 per year on cigarettes. That's three round the world air tickets every year. Two thirds of this amount is tax (ie \$4,000). This will not change because research shows that the biggest influence on quitting rates is cost.

Research shows that 75% of smokers will quit if the price of cigarettes was increased by 50%. 300,000 smokers quit when the Australian Government increased tobacco tax by 25% (\$2.19 per pack) in April 2010.

Health groups have called for a second increase within two years, to raise prices to 50% above the pre-May 2010 price, to bring Australia into line with international best practice.

Australia taxes cigarettes at approx 66%. Other developed countries tax cigarettes at between 70% and 80%. So there will continue to be large price increases in future years.

Research shows 80% of smokers want to quit.

Time since quitting	Health Benefit
24 hours	Blood levels of carbon monoxide have dropped dramatically
5 days	Sense of taste and smell have improved
6 weeks	Risk of wound infection after surgery substantially reduced
3 months	Lungs begin to recover and lung function improves
1 year	Risk of coronary heart disease is halved compared to continuing smokers
10 years	Risk of lung cancer is less than half and continues to decline
15 years	risk of coronary heart disease is the same as non smokers
10 to 15 years	all-cause mortality rate declines to the same as those who never smoked

### Fagerstrom Test of Nicotine Dependence

How soon after waking do you smoke your first cigarette?				
	60+ Min	31 – 60 Min	5 – 30 Min	Within 5 min
	0	1	2	3
How many cigarettes a day do you smoke?				
	10 or less	11 to 20	21 to 30	31 or more
	0	1	2	3

Dependence Score	Recommended action
1 to 2 Very Low	Ring Quitline 13 78 48 and /or visit <a href="http://www.quitnow.info.au">www.quitnow.info.au</a>
3 Low to moderate	You may benefit from nicotine replacement therap - talk to your pharmacist or contact Quitline.
4 Moderate	
5 + High	Visit your GP



# DRILL RIGS AUSTRALIA NEW PRODUCT -DRA 330 ROCK COMMANDER



This is our first rig to be developed with a CAN bus control system. This move into the digital age will offer many benefits including:

- Improved reliability.
- Fast, low cost servicing and backup.
- Reduction in the number of mechanical components meaning lower failures.
- Safety features and error detection can be added to reduce equipment overload or misuse and ensure only correct commands are executed.
- Hydraulics are removed from the driver cab with the operator panel electronically talking to the controller. This is highly desirable as new European regulations come into force.
- Push switches and joysticks replace heavy or difficult levers, giving better driving comfort and better viewing as valve blocks, pipes etc are eliminated from the cab.
- No vibration, mechanical shocks, fatigue, white finger etc for operators
- The operator interface can be set up to individual applications.
- Repeat working functions can be logged by simple selection, giving high repeatable quality of work.

DRA along with Ausdrill Limited have developed this DTH drill with the intention of carrying out contour work in the iron ore mines of the Pilbara and surrounding areas. We strongly believe the "Rock Commander" will be a winner!



## ZAMBIA FLEET MOBILISED

Thanks to all DRA employees who worked tirelessly through the Christmas / New Year period to complete the fleet for the new Zambia contract. This was a monumental

achievement and was completed within the very tight time constraints set. BHP made special mention of this achievement so well done by all!





# ENERGY DRILLING AUSTRALIA

The unprecedented interest in Coal Seam Gas and Liquefied Natural Gas as the next major sources of energy for the world population has created significant demand in Australia for quality exploration and production drilling services. Ausdrill responded to the potential of this expanding market by forming a dedicated energy division, Energy Drilling Australia.

EDA utilises a high speed and high capacity drill rig called a Foremost Explorer III-65 which is specifically designed for shallow gas well drilling. Commissioned in August 2010, the Foremost Explorer is unlike many of the rigs currently working in the energy sector in Australia. The rig has been engineered to the highest environmental and safety standards and is mounted on a quad axle trailer for quick cost effective mobility. Combined with staff offering a wealth of specific oil and gas experience and an outstanding safety culture, EDA has rapidly made a mark as a highly desirable choice in the market.







1510  
**AUSDRILL**  
NORTHWEST



**DTA**  
Drilling & Tooling Australia

**REMET ENGINEERS**

[www.ausdrill.com.au](http://www.ausdrill.com.au)