



# The Institute of Quarrying New Zealand Inc

## IoQ QUARTERLY NEWSLETTER

Issue No. 11

June 2007

### Committee 2006/07:

**President:**

Mr Steve Ellis

**Immediate Past President:**

Mr Brian Bouzaid

**Vice President:**

Mr George Kelcher

Mr Murray Discombe

Mr Warwick Leach

Mr Andrew Dronjak

Mr Tony Adams

Mr Les Ward

**National Secretary:**

Mrs Christine Dodds

### President's Notes:



By the time you get this newsletter you will be starting to think about our annual event (conference) to be held this year in Wellington from 11<sup>th</sup> to 13<sup>th</sup> July.

The theme for this year's conference is SUSTAINABILITY, a topic that should be part of our everyday thoughts, global warming, energy savings, gas emissions, recycling products and protecting our resources. I am sure all our presenters of papers will be focussing on these topics.

This conference is a must if you haven't already enrolled. My thanks must go out to Conference Chairman, Brian Bouzaid, for laying down the foundation for a great conference.

Welcome to the newly elected committee for the Auckland Branch. I know they have their heads down working with Roger Parton, conference convener for the 2008 Auckland conference, which will be our 40<sup>th</sup> anniversary and the International Presidents meeting.

Andrew Dronjak reports that the Auckland Branch have a great conference committee and I am sure they will have some thing to tell us at the Wellington conference.

How things change, the conference in Wellington is not until July 2007 and we are already well down the planning stage for 2008.

A special thanks must go to all the Companies who have supported our new

proposed IOQ sponsorship package. At the time of this newsletter gold sponsorship Companies are Rocktec, Realsteel, Robert Webster and Russets Engineering. The Board is deeply grateful for your support, which allows the IOQ to function financially and give back value to our members.

Well, it will be great to catch up with you all in Wellington. I am sure we all have plenty to tell and remember **Stay Safe**.

Steve Ellis,  
*President*  
Institute of Quarrying New Zealand Inc

**T**HE 2007 GOUGHS CAT TRIP TO BAUMA, GERMANY, started on the evening of Thursday 19<sup>th</sup> April at Auckland International Airport where the tour group members gathered together with Goughs tour leaders, Steve Templer, Geoff Wright, Colin Muir and Caterpillar Australia rep, Dylan Gomez. There was the check in, the normal wait for the plane to board then we were on our way to Pu Dong Airport, Shanghai, China.

### **Shanghai:**

Shanghai is an interesting city with the group staying at The Pudong Shangri-la Hotel. There has been massive development in China with a huge part of Shanghai being built in the last twenty years and the new side of the river is up with any other tourist spot in the world as far as accommodation and service is concerned. It is easy to see that there is no RMA Act to deal with in China, as projects are underway and built in very short time periods compared to New Zealand. There are high-rise buildings going up left, right and centre and a total of five tunnels being constructed under the river that divides the city. There was an organized tour of the Urban Planning Exhibition Centre, the Yu Yuan Garden, Old downtown of China and the local Market for some shopping. One of the highlights of the stay in this city was a visit to the Shanghai Car Show, which was a real education for us Kiwis in crowd control, event entry and the extremely large number of people attending the show. It was even more of an education in Oriental driving during the taxi ride back where speed limits, red lights and lines on the road mean absolutely nothing, what an experience.

### **Bauma Trade Show:**

Sunday 22<sup>nd</sup> saw the team back on the plane and on the way to Munich in Germany to attend the Bauma Trade Show. This is one of the largest Trade Shows held anywhere in the world with more than 3,000 exhibitors covering 540,000 square metres of exhibition space. Over 500,000 people attended this year's event! There was something there for everyone from trucks, loaders and crushers to concrete and asphalt plants, tower cranes and everything in between. A full three days of walking and looking still did not cover all the stands and equipment on display. It certainly keeps one up with what is available from around the world with various new models from a number of brands being released at the show. There was also time to visit the centre of Munich with restaurants and beer halls providing excellent entertainment.

### **Salzburg:**

Thursday 24<sup>th</sup> saw a day trip organized by bus to Salzburg in Austria. The weather was again fine and

warm and added to the enjoyment of the day. There is incredible history throughout Europe and Salzburg in the way of buildings, old castles and bridges along with numerous churches and on this trip we saw excellent examples of this.

### **CAT Manufacturing Plant:**

Friday 25<sup>th</sup> we were back on a plane to Brussels and another change of culture. There was a tour of Caterpillar's Gosselies Plant, the largest Cat manufacturing plant in the world. Wheel loaders, Hydraulic Excavators and Diesel Engines as well as other machine components are all manufactured here.

Another night out in a different city and then it was on the bus to get to Paris in France. Plenty of sightseeing here with all the historic land marks to see, numerous cafes, bars and restaurants and an organized Moulin Rouge Dinner and Show on the Sunday night saw the two days fly by.

Monday 30<sup>th</sup> saw the group at the Paris Airport on the way to Manchester in England. Lunch was a stop off in York with a different brand of history and language and then on to Newcastle for the night.

### **CAT, England:**

Tuesday saw a visit to Caterpillar's Peterlee Factory, which is the worldwide source of Caterpillar Articulated Trucks covering six different models. We also had a visit to the local testing ground quarry with the opportunity for the kiwis to have a play behind the wheel of various models and to have a close look at the ejector system on one model.

Then it was on a plane again bound for Heathrow, London. With a couple of nights here there was plenty of opportunity to have a look at the traditional landmarks, try out some new ones including the London Eye which gives some spectacular views of the City and a chance to sample the local restaurants and bars in the area. The City has changed a bit in the last ten years with the new model red buses and new black cabs being the most noticeable difference to me, the older models still run on a couple of city routes for tourist purposes.

### **Malaga, Spain:**

Thursday 3<sup>rd</sup> May sees the Group back on a plane and this time bound for Malaga in Spain. The weather was still being exceptionally kind to us all with bright sunny days and clear skies being the norm. The first view on landing at Malaga Airport was of major development with thirteen tower cranes on site. This was the lead up to the whole coastal area from Malaga to Marabella, about an hour down the road showing that tourist and apartment development was well underway everywhere you looked. There are in excess of 40 million



tourists a year visiting Spain and this is a huge business all by itself. With the sun arriving earlier this year in the spring there were plenty of people out and about.

Friday saw an organised bus trip to the Caterpillar Training and Demonstration facility at Malaga with an extensive range of Cat equipment demonstrated and on show. It is not often that one can see such a range and variety of equipment in one place and be able to get close and have a really good look around the gear.

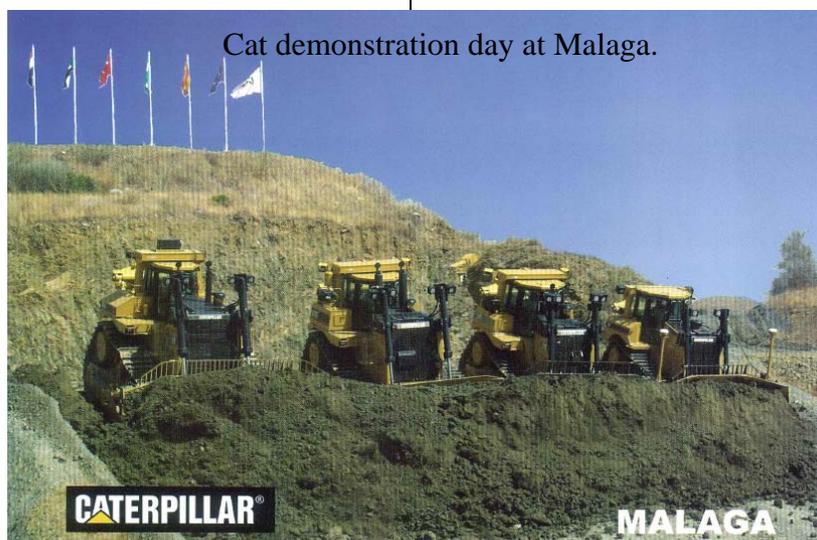
The Mediterranean was a lovely shade of blue and whilst there were a large number of very expensive boats tied up at various moorings, we didn't see too many of them out on the water. Marabella was a great place to relax and have a good walk around over the three days we were there with the waterfront restaurants and bars being a great place to visit in the evenings.

Saturday included some of the group taking a trip to Gibraltar and across into Morocco and the balance taking a shopping trip into Malaga. The Cat Team organised a final dinner on the Saturday night which was thoroughly enjoyed by all with some prizes given out for various highlights and events on the trip.

Sunday was a free day to relax, enjoy the scenery and for a final look around the sites before getting back on a plane for the thirty-hour trip home to NZ.

The whole trip was very well organised by the CAT Crew and absolutely enjoyed by all the group members. A special thanks must go to Goughs and to Caterpillar Staff responsible for making the trip such a success for us all.

*Article supplied by George Kelcher*



Cat demonstration day at Malaga.

# REAL STEEL AT THE CUTTING EDGE OF BUCKET PROTECTION

**HALF ARROW CUTTING EDGES**

Black Cat Half Arrow cutting edges are cast from HighSpec Alloy X14 for excellent wear characteristics and superior impact resistance. The half arrow design offers the benefits of more material in high wear areas and enhanced bucket penetration while protecting the base edge from wear. Optional top caps to protect the top of the lip are also available.



**REAL STEEL**

**CRC60 WEAR PLATE**



Mild steel base plate with a highly abrasive resistant weld overlay  
Hardness of 600BHN (60 HRC)  
Available in 12mm or 20mm thickness  
Cut to your requirements or available in wear strips  
Bucket liners and wear strips, chute liners, truck bodies

**CUTTING EDGES**



Real Steel have cutting edges to suit your dozers, loader, excavator, scraper or grader. Various thicknesses available or we can custom make an edge to suit your requirements.

**DOMITE**



White iron casting bonded on to mild steel backing plate  
Extreme protection for extreme applications  
Available in 2500 different sizes  
Hardness of 700BHN (63 HRC)  
Mild steel backing plate for easy welding and impact resistance  
Bucket protection, grizzly bars, transfer points

**0800 732 578** Ph 04 233 2535 | Fax 04 233 2536  
www.realsteel.co.nz

Crusher Parts    Wear Protection    Cutting Edges    Bucket teeth

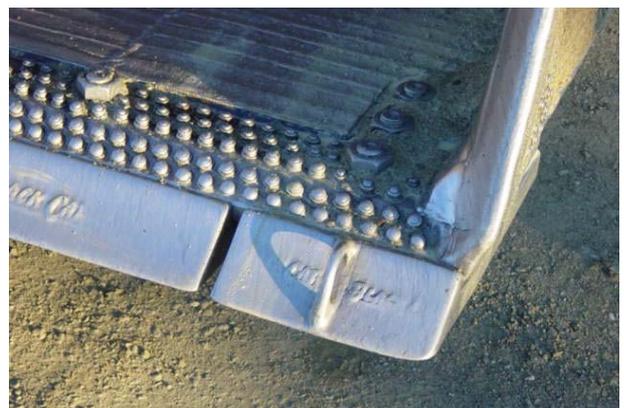
Real Steel are proud to offer the latest innovations in cutting edge design. Black Cat Half Arrow Cutting Edges are designed and built to perform using High Spec Alloy X14 steel for excellent wear characteristics and superior impact resistance. Half Arrow edges are used to replace the standard double bevel design commonly used on loaders. The half arrow design offers enhanced protection for the base edge and bevel and when combined with Black Cat base edge covers completely protects the base edge from abrasion. This results in prolonged bucket life and greater intervals between costly rebuilds.

The Black Cat half arrow edge has a sharpened nose design which offers excellent penetration capability and enhanced material flow into the bucket. Maximum depth countersinking allows for optimal use of the edge before the bolts failure. The combination of half arrow blades and base edge covers protects the base edge while

optimising flow of material into and out of the bucket.

Black Cat half arrow edges are typically about 20% heavier than Heavy Duty double bevel edges, and that extra wear material is on the underside of the blade, where abrasion is highest and it is needed the most. The X14 Alloy steel hardened to 500BHN.

Real Steel currently stock half arrow edges and base covers for all large Cat and Volvo loaders. Real Steel also offer the full range of standard cutting edges, bucket teeth, bucket protection, crusher parts and abrasion resistant plate including Bisalloy and laminate products. **For more information contact Real Steel - 0800 732 578.**



# Delegates Programme



Our conference theme is **SustainABILITY**.

Sessions have been broadly categorised into blocks that reflect this –  
**SustainABLE Organisations, SustainABLE Industry, Workforce & Business**

## Wednesday 11 July SustainABLE Organisations

- 9.00 am Institute of Quarrying Executive (IOQ) Council Meeting – Duxton Hotel
- 10.00 am Aggregate & Quarry (AQA) Association Executive Council Meeting – Duxton Hotel
- 10.30 am IOQ & AQA Executive Council joint morning tea – Duxton Hotel
- 11 am Trade Exhibitor access Wellington Convention Centre – Wellington Town Hall
- 12 pm Komatsu Registration Desk opens – Wellington Town Hall Foyer
- 12.30 pm IOQ/AQA Executive Council joint lunch – Duxton Hotel
- 2 pm AQA Annual General Meeting – Illot Chamber Wellington Town Hall
- 3.15 pm Afternoon Tea – Illot Chamber Foyer Wellington Town Hall
- 3.30 pm IOQ Annual General Meeting – Illot Chamber Wellington Town Hall
- 5 pm Komatsu Registration Desk closes
- 6 pm Welcome Cocktails – Trade Area Wellington Town Hall
- 7 – 12 pm Goughs CAT dinner – Renouf Foyer Michael Fowler Complex  
(Dress semi formal – Delegates Jacket & Tie)  
Official welcome from Kerry Prendergast, Mayor of Wellington  
Goughs CAT Travel Award

## Thursday 12 July

- 9.00 am Institute of Quarrying Executive (IOQ) Council Meeting – Duxton Hotel
- 7.00 am Delegates breakfast – Trade Area Wellington Town Hall
- 7.30 am Komatsu Registration Desk opens Wellington Town Hall
- 8.20 am Official opening – Illot Chamber, Wellington Town Hall
- 9.00 am **Cable Price Business Session 1 “SustainABLE INDUSTRY” – Chairperson Bob Fulton**
- 9.00 am Industry – Parliamentary panel discussion **“Rock On or Stone Wall?” - Panel Chair Eric Souchon**
- 10.00 am Cable Price Morning Tea – Trade Area Wellington Town Hall
- 10.30 am **Cable Price Business Session 2 “SustainABLE INDUSTRY – Chairperson Murray Discombe**
- 10.30 am Value adding of Construction & Demolition Waste – Peter Fredricsen Materials Processing
- 10.50 am The Aggregate Industry Through the Eyes of a Graduate – Kurt Hine Winstone Aggregates
- 11.10 am Evaluation of the Repeat Load Triaxial Test and it’s Potential for Classifying Basecourse Aggregates – Jason Lowe Winstone Aggregates
- Cable Price Business Session 3 “SustainABLE WORKFORCE – Chairperson Brian Bouzaid**
- 11.25 am EXITO Report – Tom Reece CEO
- 11.40 am "The NZ Minerals Workforce - is there a need to develop a NZ Minerals Workforce Development Strategy?" – Peter Hall Department of Labour
- 12.00 pm “Quit NZ” effects of smoking on our **Workforce** – Helen Glasgow
- 12.30 pm Cable Price LUNCH – Trade Area Wellington Town Hall
- 1.30 pm Cable Price Business Session 4 “SustainABLE INDUSTRY – Chairperson George Kelcher
- 1.35 pm "Sustainability through people and communities" Peter Reidy CEO Works Infrastructure
- 2 pm Climate Change – David Wratt NIWA
- 2.35 pm “Westport Quarry Rehabilitation” – Tony Warren/Rob Hazeldine Holcim
- 3.10 pm Planning for Future Roading Projects – Wayne McDonald General Mgr Transport Planning, TNZ
- 3.35 pm New Zealand Minerals Industry – A national perspective – Matt Brown Crown Minerals
- 4.00 pm “Selling Your Industry” – Brendon Burns/Chris O’Connell
- 4.30 pm **Cable Price Afternoon Tea** – Trade Area Wellington Town Hall
- 5 pm Komatsu Registration Desk closes
- 5.30 pm Trade Area closes
- 6 pm **Cable Price Happy Hour** – Harbour View Lounge Michael Fowler Complex
- 8 pm Free Evening – for info visit [www.wellingtonnz.com](http://www.wellingtonnz.com)

## Friday 13 July

- 7.00 am Delegates breakfast – Trade Area Wellington Town Hall  
8.00 am Komatsu Registration Desk opens  
8.00 am **MIMICO Business Session 5 “SustainABLE INDUSTRY” Chairperson Warwick Leach**  
8.00 am Crushing Plant Performance Optimization – Dr Per Svendensten Sandvik  
8.25 am Geotechnics and Health & Safety in Quarries – Richard Oldcorn MWH  
8.50 am Scales and Load-Out Equipment Development – Cobus van Vuuren Higgins Aggregates  
9.15 am Quarry to Corrections Facility – Gavin Hartley Fulton Hogan  
9.40 am Hydrated Cement Treated Crushed Rock Base & Load Triaxial Testing – Dr Greg Arnold  
10.00 am Komatsu Registration Desk closes  
10.00 am **MIMICO Morning Tea** – Trade Area Wellington Town Hall  
10.30 am **MIMICO Business Session 6 “SustainABLE BUSINESS” Chairperson Steve Ellis**  
10.40 am An Outsider’s Perspective – John Rae CEO W Stevenson’s & Sons  
11.00 am Developments in Metals for the Quarry Industry – Don Blue & Darren Sparg A&G Price  
11.20 am Quality Risk Assessments Open Up New Opportunities – Gavin Wyatt Orica  
11.40 am Sourcing Materials to Build Roads in Nepal – Bob Barraclough, MWH  
12.05 am Conference Business Sessions conclude
- 1 pm **Komatsu Lunch** – Duxton Hotel Ball Room 7<sup>th</sup> Floor
- Komatsu Travel Award
  - Niemac Award
  - 2008 Conference Promotion
- 6 pm Cocktails – Duxton Foyer
- 7 pm – 1 am **Volvo Titan Ball and Awards Dinner** – Duxton Hotel Ball Room 7<sup>th</sup> Floor
- AJ & RJ Loader Sponsors Award
  - BR Webster Scholarship
  - Winstone Aggregates Safety Award
  - R D Hased Trophy
  - Lyn Jordan Memorial Award
  - Honorary Fellowship(s)
  - Contractor Magazine Innovation Award
  - Mimico Environmental Excellence Award
  - The Institute of Quarrying NZ Award
  - IOQ & AQA President Change over
  - Entertainment – “The Beatgirls”

## Partners Programme



### Wednesday 11 July

- 6 pm Welcome Cocktails – Trade Area Wellington Town Hall  
7 – 12 pm **Goughs CAT dinner** – Renouf Foyer Michael Fowler Complex (Dress semi formal – Jacket & Tie)  
Official welcome from Kerry Prendergast, Mayor of Wellington  
**Goughs CAT Travel Award**

### Thursday 12 July

- 9.15 am – 4 pm **Orica Partners Trip** Depart by coach to Parliament for guided tour then coach to the Kapiti Club for a cooking demonstration by internationally renowned chef Martin Bosley. Lunch at the Club followed by visit to Nyco Chocolate Factory and the Prenzel Liqueur Shop.
- 6 pm **Cable Price Happy Hour** – Harbour View Lounge Michael Fowler Complex
- 8 pm Free Evening – *for info visit [www.wellingtonnz.com](http://www.wellingtonnz.com)*

### Friday 13 July

- Free morning - time to visit the Museum of New Zealand Te Papa or enjoy Wellington’s wonderful shopping.
- 1 pm **Komatsu Lunch** – Duxton Hotel Ball Room 7<sup>th</sup> Floor followed by **Komatsu** Travel Award
- 6 pm Cocktails – Duxton Foyer
- 7 pm – 1 am **Volvo Titan Ball and Awards Dinner** – Duxton Hotel Ball Room 7<sup>th</sup> Floor with entertainment by – “The Beatgirls”

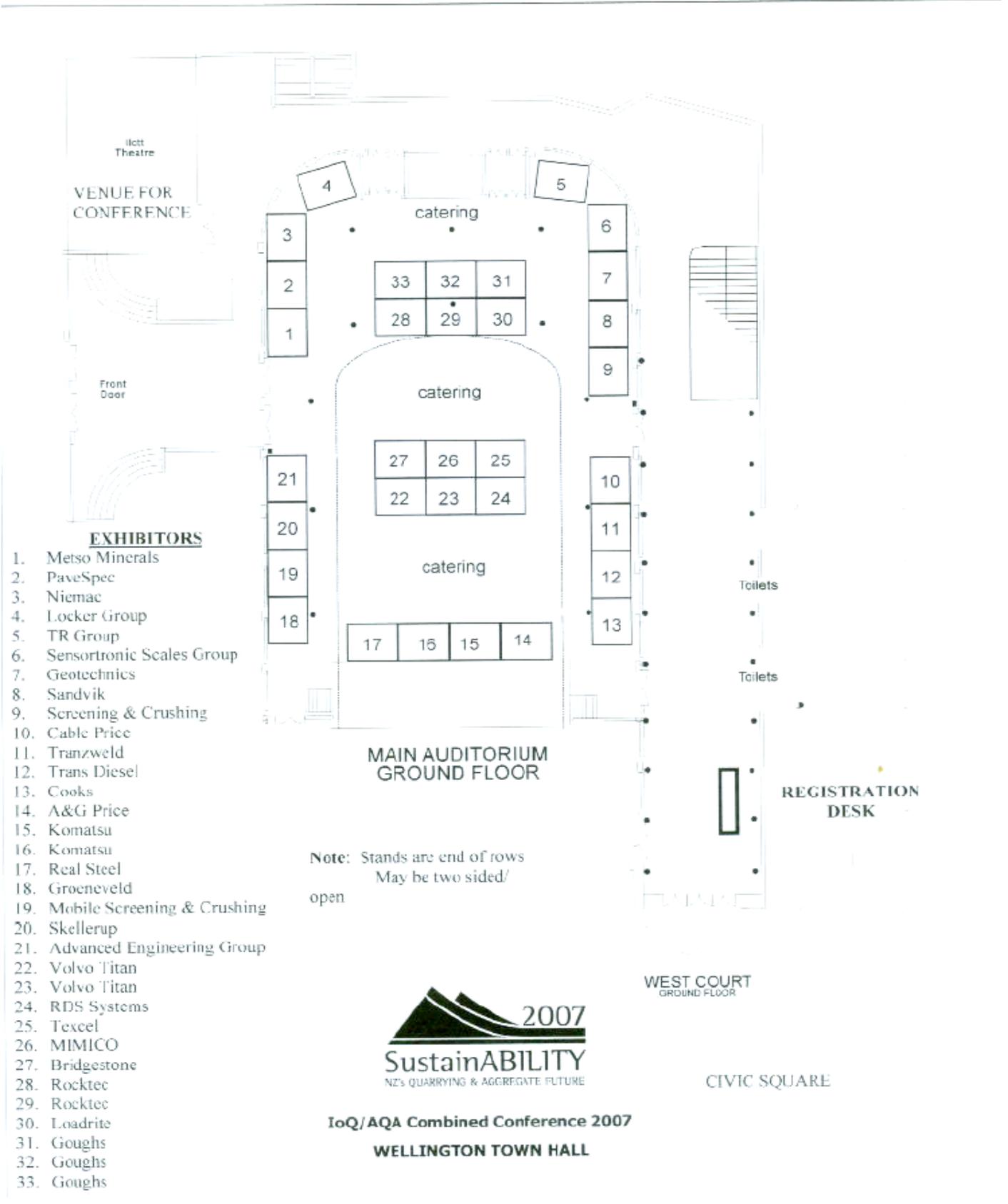
# TRADE EXHIBITORS DISPLAY STANDS LAYOUT

## For the IOQ/AQA JOINT CONFERENCE - 11 – 13 July 2007, Wellington Town Hall

DUXTON HOTEL

WEST PLAZA HOTEL

WAKEFIELD STREET



- EXHIBITORS**
1. Metso Minerals
  2. PaveSpec
  3. Niemac
  4. Locker Group
  5. TR Group
  6. Sensortronic Scales Group
  7. Geotechnics
  8. Sandvik
  9. Screening & Crushing
  10. Cable Price
  11. Tranzweld
  12. Trans Diesel
  13. Cooks
  14. A&G Price
  15. Komatsu
  16. Komatsu
  17. Real Steel
  18. Groeneveld
  19. Mobile Screening & Crushing
  20. Skellerup
  21. Advanced Engineering Group
  22. Volvo Titan
  23. Volvo Titan
  24. RDS Systems
  25. Texcel
  26. MIMICO
  27. Bridgestone
  28. Rocktec
  29. Rocktec
  30. Loadrite
  31. Goughs
  32. Goughs
  33. Goughs

# SILVERSTREAM LANDFILL

## Phase 1 Base

### Slopes 1 & 2 Formation and Lining Works



The H G Leach Contracting Division has been working down Wellington way at the Silverstream Landfill removing overburden from a narrow gully to allow the next stage of the landfill to develop. The works include some very difficult silt control/erosion and protection measures. The Principal is Hutt City Council and the Engineer and Designers are Tonkin & Taylor Consultants. This contract is due for completion in February 2008, upon completion of the FML & GCI type liners, which HG Leach will also construct these in conjunction with subcontractor Skellerup Industries.

The job commenced in October 2006 with Leach employing 15 staff and new Cat equipment. To date, HG Leach has moved some 77,000 LCM of unsuitable material, some 100,000 LCM of engineering material and some 2,500 LCM of drainage aggregate

The photo shows what it looked like at the start, of the project, in October 2006.

#### HG Leach plant available on site:

- Cat D6R XL
- Cat D6RD/II
- Cat 120g Grader
- Cat 345B/II Excavator
- Cat 320DL Excavator
- Cat 930 Loader
- 2 x Cat CS-5630 roller
- 2 x Cat 730 Articulated Dump Truck
- 93 Isuzu CXZ Watercart
- Fuel Trailer / Tandem Axel



#### OCTOBER 2006:



#### MAY 2007:

So far, the Silverstream contract has so far been on target with all the earthworks and construction. The great weather they have had this summer has helped (no doubt Wellington people would say its always like that). Since 1998 H G Leach has won capping and earthworks jobs on closed Landfills around the Waikato area, earthworks for Council jobs, roading, plant hire and Project Management. In 2002, the Company was awarded the Aggregate & Quarry Association's Environmental Excellence Award for works undertaken at its Tirohia Quarry and Landfill site. In 2004 HG Leach won the Winstone Aggregates Safety Award for Tirohia Quarry and Landfill. H G Leach is hopeful that the Silverstream project may also be a contender for another award.

*Article supplied by Warwick Leach*



## AGM & ELECTION OF OFFICERS

Any member who intends to bring a motion or business before the AGM needs to give notice in writing of his/her intention to the NZ Council as soon as possible before the date of the meeting [11<sup>th</sup> July 2007].

Under the Rules of the Institute of Quarrying NZ Inc July 1999, **item 26 Appointment of Council**; The NZ Council shall comprise of the President, Vice President and immediate Past President who shall hold office for a two year term and in each and every year, one representative residing in or north of Taihape, one representative residing south of Taihape, two representatives residing in the South Island, and two members who are personally present at the meeting and who shall be appointed from the floor at the AGM.

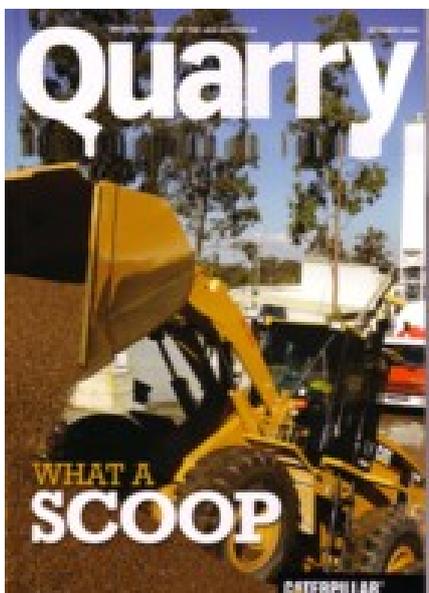
It is recommended that any member who is considering election to the board needs to be well prepared and have movers, proposers and seconders organised for the AGM. For more information please contact Christine Dodds, National Secretary Institute of Quarrying. [chrisr@inet.net.nz](mailto:chrisr@inet.net.nz).



## IOQ AWARDS 2007:

A good number of nominations have been received for this year's awards. Winners will be announced at conference in Wellington.

## Australian 'QUARRY MAGAZINE'



There were only three enquiries from members interested in receiving the Quarry Magazine at a discounted price.

As there are not sufficient numbers to

place a bulk order, members who would like to receive the magazine can follow up via - [www.quarry.com.au](http://www.quarry.com.au) for an individual magazine subscription.

### KEY LINKS

- IOQ:..... [www.ioqnz.co.nz](http://www.ioqnz.co.nz)
- AQA:..... [www.aqa.org.nz](http://www.aqa.org.nz)
- EXITO: ..... [www.exito.org.nz](http://www.exito.org.nz)
- NZMIA: ..... [www.minerals.co.nz](http://www.minerals.co.nz)
- Fulton Hogan: ..... [www.fh.co.nz](http://www.fh.co.nz)
- Road Metals: ..... [www.roadmetals.co.nz](http://www.roadmetals.co.nz)
- Real Steel..... [www.realsteel.co.nz](http://www.realsteel.co.nz)
- Australian Institute of Quarrying: [www.quarry.com.au](http://www.quarry.com.au)
- UK Institute of Quarrying: ..... [www.quarrying.org](http://www.quarrying.org)



## OBITUARY

Mr Whiley, who was 77, founded the Power Crane Association (now the Crane Association of New Zealand) in 1975 was it's first President as well as representing the construction industry for many years on Transit New Zealand's Axle Weights and Loadings Committee. He also served on the Board of the Contrafed Publishing Co (Publisher of Contractor and Quarrying & Mining) for nearly a quarter of a century, and was the Board's Chairman for more than half that time. Max's funeral was held at 11.00 am on Friday the 15th of June at St James's Anglican Church, Woburn Road, Lower Hutt and followed by a Function at Titan's Lower Hutt premises.

Condolences go out to all his family, friends and workmates.

*Article supplied by Andrew Dronjak*



This is the logo for the IOQ/AQA Joint Conference, which will be held in Wellington on 11 – 13 July 2007.

## MEMBERSHIP:

At the IoQ Executive Board meeting in May the following new members were approved:

Caroline Baker.....	Matamata	Member	Canterbury Branch
John Simpson .....	Matamata	Member	Waikato / Bay of Plenty
Kenneth Dangen.....	Auckland	Associate	Auckland Branch
Peter Cook .....	Matamata	Associate	Waikato / Bay of Plenty
Jay Masters.....	Cambridge	Associate	Waikato / Bay of Plenty
Christopher Coetzer.....	Waharoa	Associate	Waikato / Bay of Plenty
Shawn McLean .....	Huntly	Member	Auckland Branch
Gary Clouston .....	Upper Hutt	Member	Wellington Branch

## UPGRADES:

Robert Silvester.....	Greymouth	Member	Canterbury Branch
Clive Halliday.....	Whangarei	Fellow	Northland Branch
Dennis Cochrane.....	Whangarei	Fellow	Northland Branch



Accounts for subscriptions for the new financial year 2007/08 have been included with the newsletter.

**Please note that when posting your account there is a new address to send accounts to:**

**National Secretary  
Christine Dodds  
P O Box 36 037  
Merivale  
CHRISTCHURCH**

Any queries regarding accounts, please contact the National Secretary either by email – [chrisr@inet.net.nz](mailto:chrisr@inet.net.nz) or after 1 August the new phone number is 03 355 3235. Until then the phone number is 03 337 1132 or 027 697 8559.