



The Institute of Quarrying New Zealand Inc

IoQ QUARTERLY NEWSLETTER

Issue No. 35

March 2013

Executive Committee 2012/13:

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Mr Gavin Hartley

Vice President:

Mr Gordon Laing

Immediate Past President:

Mr Warwick Leach

Board Members:

Mr Murray Discombe

Mr Andrew Mahan

Mr Peter Morgan

Mr Les Ward

Mr Chris Sinclair

Mr Tony Carpenter

National Secretary/Treasurer:

Mrs Christine Dodds

President's Note



Welcome to our second newsletter for 2013, as most of you will be aware it has been a very busy few months, requiring a lot of reading. The release of the Pike River Royal Commission Report last year and the subsequent Discussion Document - Safe Mines: safe workers in May 2013, on implementing the 16 recommendations for all extractive industries has been challenging for most. Regulations are not written or rewritten in this case very often so we as a quarrying industry need to have our say, I have listed some points I think are important later in the report.

The Executive have also been working on providing an online system for recording and auditing Continuing Professional Development for all our members this is due to be released soon so keep an eye on our website.

We are only able to carry out this work for our members, if our members pay the annual subscription and the generous sponsorship from our "Friends of the IoQ" listed on the side of each page of the newsletter.

QuarryNZ Conference Dunedin 2013 – Rock our Global Foundation'

By the time you read this some of you will be thinking about spending 3 or 4 days in sunny Dunedin, the conference organising committee has put together another great programme and spectacular social events and Awards dinner on the Friday night to be held in the newly renovated Dunedin Town Hall. This year New Zealand is also hosting the IoQ International Presidents meeting which only happens once every five years and makes for a special conference with an overseas flavor.

We have a full turn out this year –

- Wayne Scott -President in Australia,
- David Hogan – Chairman of the Hong Kong Branch
- Lee Kam Fatt – President in Malaysia

- Glenn Johnson – President in South Africa
- Colin Jenkins – President in United Kingdom.

We also have Phil James the Executive Director of the Institute of Quarrying in the UK, Chen Nyet Lin Honourable Secretary of IQ Malaysia and Dru Oxley a youth member of the IQ Australia.

The Otago Southland Branch local committee is being lead by Martin Hammond our conference chairman. Conference information and registration is available via the IoQ webpage for those who have not yet registered.

Organisation for the 2014 conference is well underway and is being held in Whangarei, with "Our Giants of the North" as the theme. The dates to mark in your calendar are 16 – 18 July 2014. The Chairman is Murray Smith; Murray has a very motivated committee and with the help of ICM Events our new conference organiser, Northland will provide another great location for our conference.

Quarry Industry Training Organisation - MITO

Under the leadership of Brian Bouzaid the Exito Chairman and the Exito board, Exito have now successfully merged with the NZ Motor ITO. This has been a challenging time for not only the board of Exito, but also for quarrying trainees and companies and all industries that were under the Exito umbrella. The outcome is great for the Quarrying industry as MITO has a proven business model and is a leader among all ITO's. Recent statistics show MITO's credit achievements sit at 97% (Median 62%) and a programme completion of 100% (Median 52%).

MITO Chief Executive, Janet Lane has shown a willingness to learn from the Quarry Industry what we want from our ITO, consulting closely with the IoQ and AQA. Both Brian Bouzaid and Bruce Taylor hold positions on the MITO board.

NZQA requires review of all qualifications, currently the twenty extractive sector qualifications are under review with industry being consulted. The extractive sector Governance group (equivalent of the SAG) is part of the review process. MITO is also working closely with Ministry of Business and Innovation and Employment to help implement the recommendations from the Pike River Royal Commission. This may require some changes to the makeup of the National Certificate in Extractive Industries (Mining Administration Surface Extraction A Grade) and National Certificate in Extractive Industries (Mining Administration Surface Extraction B Grade). Andy Loader has agreed to continue and be part of the Extractives Governance Group representing the IoQ.

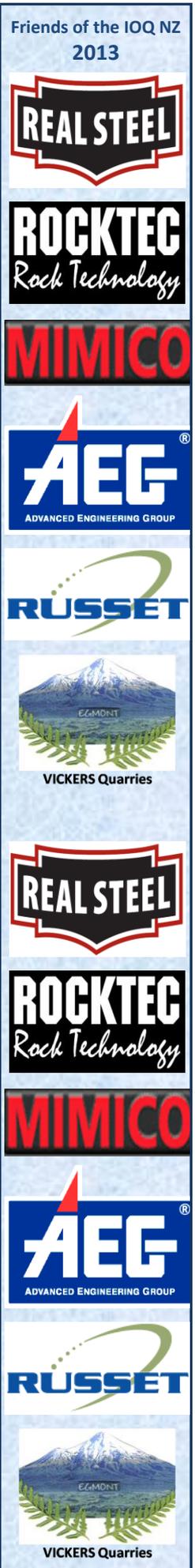
MinEx

MinEx was formed to be the single point of contact on H & S issues, between extractive industries and government. MinEx was funded by member companies, although the board comprised of individuals from industry associations. The IoQ held a position on the board as an invited interested party along with a representative from AusIMM. Once the Royal Commission Report on the Pike River Tragedy was released the work load for MinEx grew almost overnight. The focus of the Royal Commission's 16 recommendations was initially on Underground Coal, government then decided to include all extractive industries. In January 2013 MinEx held a special meeting at which Straterra proposed to take over the running of MinEx as a number of their members were coal producers and were to be affected by the 16 recommendations. The meeting was attended by members from all extractive industries including quarries. With the work load required to review proposed changes to regulations and Codes of Practice the resources of MinEx and industry were stretched. MinEx had to find a solution. The solution is Les McCracken has been appointed Executive Director of MinEx and Chris Baker is now the Chairman. Funding is still by member companies and a large contribution by the Coal Association. Moving forward we need to ensure the IoQ and quarry industry maintain a strong voice on the MinEx board.

Continuing Professional Development

The question of Continuing Professional Development started for the IoQNZ, at Napier in 2010 when we invited Mike Philips from the UK to speak to the executive and conference delegates. The question of CPD arose again in the proposed changes to Certificates of Competence. This year the executive has been working on developing a system of CPD for our members. A pilot scheme was run including eleven members and with the help from the IQUK we have developed an online CPD system for our members. This is a major step for the IoQNZ and offers our members great benefits. Having the system online and user friendly is an advance on the UK system providing auditors real time information.

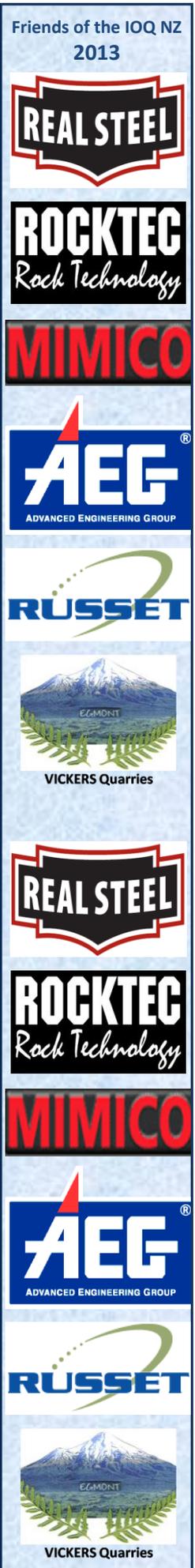
There is an opportunity if CPD becomes a requirement for holding a Certificate of Competence that this will generate more members and possibly open up CPD for other extractive industries, we will keep our members informed.



MBIE Discussion Document – Implementing Recommendations from the Royal Commission

By the time you read this report the IoQ and industry may have made our submissions on the Discussion Document [submissions must be in by 1 July]. Below are the main points we considered important to the Quarry industry -

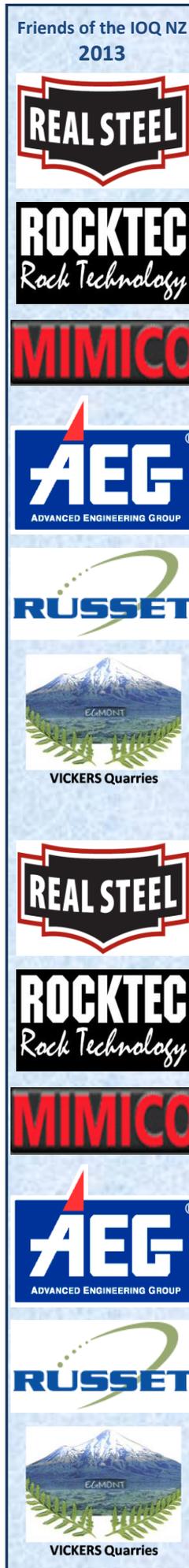
- The Royal Commission had not contemplated that the government would introduce their recommendation to cover all extractive industries when the report was released.
- The discussion document raises the issue of 'best practise' a number of times. Best practise using the Queensland Coal Regulations may be best practise for coal, but is not best practise for New Zealand Quarries. Even the Queensland small mines and quarries operate under different regulations the Metalliferous regulations.
- This has lead to some large unintended consequences for the quarry industry, involving compliance costs and ability to find the staff to become compliant regardless of the length of any transition periods.
- The size of a quarry isn't a good factor to determine the H & S risk of an operation. Larger quarries are generally operated by larger companies that have the H & S systems and resources to manage H & S. The smaller quarries general don't have sufficient H & S systems or the resources. Hence we propose all quarries are included in the new regulations. This would raise the H & S standard for all quarries not only the larger ones.
- Principle hazards listed very unlikely to produce a multiple fatality in a quarry.
- Quarries are different to Underground coal mines and most other extractive industries, as recognised by specific Quarries and Tunnels Regulations (1983) prior to the H & S Act 1992.
- We propose the reintroduction of the repelled 1983 Quarry Regs. Rewrite some parts to strengthen the regulations with a H & S focus, and include the parts we agree with in the discussion document.
- Strengthening of H & S best practise and H & S responsibilities is best done by upgrading existing quarry Certificates of Competence (A Grade & B Grade and possibly the reintroduction of 'surface permit') rather than adding another H & S position, due to the fact most quarries only have a small number of staff.
- Current practise is to engage the services of an Electrical or Mechanical Engineer or surveyor on an hourly hire basis less commonly on contract, they are not contractors, nor a full time position in a quarry operation. Hence they are not roles that would reduce the risk of a catastrophe, causing multiple fatalities in a quarry.
- We support the idea of worker participation in improving H & S in quarries, although we don't believe there is a place in non unionised quarries for a union employed check inspectors. Additional qualified quarry inspectors would be a positive improvement for the H & S in the quarry industry. Inspectors need to hold the equivalent qualification or certificate that is required to manage the quarry. This could be accomplished by a type of user pays system with industry contributing towards a proactive Quarries inspectorate, similar to the Queensland mines and quarries H & S levy.
- We support all quarry workers that work at the pit face or process operation (excluding Admin staff, and customers) holding a minimum qualification. We believe the current introductory Level 2 certificate is adequate. We need to ensure the minimum standard is achievable for quarry workers, some have left the education system in schools to become machine operators because they dislike the written skills based assessments. These people are the back bone of the quarry industry and are equally important as the quarry manager. Need clarification on when the introductory level 2 is required, ie part time and or temporary workers.



- Need to seriously consider the powers of the H & S representative to stop an operation, typically not an issue in the predominately non unionised quarry industry
- We support CPD being part of holding and retaining a CoC. The IoQ is introducing an Online system to record and audit CPD for all our members and willing to discuss with the New Crown Agency facilitating CPD for all extractives.
- We support the role of a new Crown Agency focused on H & S in the Extractive industry, this will improve H & S in the quarry industry if it has the resources to promote H & S take a proactive role in extractive industry not only the compliance based functions we have currently. Alongside industry the agency could support industry with inspectors, manage the Board of Examiners, co ordinate the Mining Sector Advisor Group, compile H & S statistics and produce educational material. Possibly record production figures for the industry and co ordinate any H & S levies to ensure we reduce the extractive industry accident and fatality rates.

The above are views on the Discussion Document. We advise all members and their companies to make submissions by the 1st of July because if we don't comment now we may end up with regulations that don't work for the quarrying industry. MBIE have produced the document to reduce the risk of our people being injured or fatally hurt while at work in a quarry, we all must strive to ensure we send our people home at night as they arrived for work this morning. Having your say now may make that happen.

Gavin Hartley
IOQ NZ President



www.quarrynz.com



45th ANNUAL AQA & IOQ JOINT CONFERENCE 2013

ROCK—OUR GLOBAL FOUNDATION

Registrations for the conference are rolling in and it looks like another outstanding annual event. We are being joined this year by representatives from our associated Institutes in Southern Africa, UK, Malaysia, Hong Kong, and Australia. Additionally we have delegates coming from the US and Singapore. Tony Hunter has done a great job in getting the plenary sessions together and you can be sure of some seriously interesting and we hope, inspirational presentations.

Planning for the Real Steel Field Trip to Blackhead quarry is nearly complete as is a special Orica Partners programme. As you would expect, the GoughCat opening night and the Transdiesel Awards dinner will be special this year, if only for the venues—Dunedin's famous Regent Theatre and the beautifully refurbished and restored Town Hall. The Thursday Happy Hour returns this year—highly recommended to warm you up after a bit of bracing weather at Blackhead.

Martin Hammond and his team are looking forward to welcoming you all to their famous city in just a month's time.

ADVICE FOR DELEGATES

1. The final version of the programme is complete and will be on the website in the next few days. On checking in at the registration desk [accessed through the Moray Place entrance to the Dunedin Centre] you will receive your colour coded name tag (no tickets this year) and a booklet containing not only the full programme and details of the partners programme but bus shuttle schedules, AGM agendas and list of exhibitors, as well as your conference satchel.
2. The Total Lubricants sponsored Courtesy Lounge will be sited on the main stage of the Town Hall adjacent to the exhibition area. It will be open Wednesday from noon through to 5.30pm and on Thursday 7.00am to lunchtime, and Friday 7.00am to 11.00am and then during the Gala dinner.
4. This year's Field trip is to Blackhead Quarry out on the rugged Otago coastline. Although hard hats and dayglo vests will be available through the generous support of Road Materials and Russet, however you may care to bring your own. Please ensure you wear suitable shoes or boots.

Website: www.ioqnz.co.nz

Mail contact address: Secretary, P O Box 36 037, Merivale, Christchurch 8146

Email: chrisc@inet.net.nz or Mobile: 027 697 8559

- Our dress requirements for the special functions remain the same as in previous years—smart casual for the GoughCat opening night, smart, casual for the Thursday Happy Hour and smart casual but warm clothes for the Porter Group Friday lunch at Forsyth Barr Stadium. The Transdiesel Gala Dinner on Friday evening is a special occasion and we insist that men wear jacket and tie, no casual corporate clothes are allowed. We know your partners will take the opportunity to dress up for the occasion.
- There may be some of you who have registered on the initial form which did not include details of the special Saturday trip to OceanaGold's Macrae Gold Mine. This is a rare opportunity to see the workings of the mine and covering areas which are not normally open to the public. Numbers are limited to one coach—ie 48 and the cost is \$80 inc GST per person. This includes a pub lunch and drinks. The coach will leave the central Dunedin hotels at 9.00am and return to the city around 3.30pm. If you want to join us please email Adrian adrian@quarrynz.com as soon as possible.



ADVICE FOR PARTNERS

- The Orica sponsored partners trip is a little different this year giving you the opportunity to have a lazy get up before making your way the short distance to Dunedin's famed Octagon and the Dunedin Art Gallery, where after morning coffee you will be treated to some of the best of the City's famed fashion designers followed by fun and a fine lunch with some of Central Otago's great wines. In the afternoon you will have the option of going straight to one of Dunedin's best bars, or if you would like the experience, we will drop you off at Cadbury's World before taking you onto the bar. **If you want to go to Cadbury's Chocolate Fantastic, please drop an email to Adrian please on adrian@quarrynz.com.**
- On Friday morning you will have the opportunity to visit the famous Larnach Castle [see picture above] on the Otago Peninsula. The tour of the Castle includes their outstanding gardens as well as morning coffee in their ballroom. Coaches for this trip will leave the hotels at around 9.00am [this is an opportunity not to be missed]. Coaches will take you back to the Porter Group lunch right by the pitch at the new Forsyth Barr Stadium. **Please make sure you have warm clothing with you.**

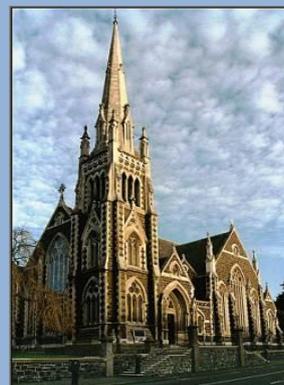
Pictures below from left: The Chinese garden at the Botanical Gardens, Railway Station and Otago Peninsula.



NOTICE: The IOQ AGM 2013 will be held in Glenroy Auditorium, Dunedin Town Hall at 2pm on Wednesday 10 July.

AGENDA:

- Apologies
- Condolences
- Confirmation of Minutes of 44rd AGM [Wednesday 11th July 2012].
- Matters Arising
- President's Report
- Auditors Reports [IOQ & Conference]
- Branch Reports
- Secretary's Report
- Website Report
- Election of Officers
- 2014 Whangarei Conference Update
- General Business



Dunedin's Knox Church

Friends of the IOQ NZ
2013

Metso's Lokotrack LT96



A new Metso Lokotrack LT96 mobile jaw crusher is available for immediate application from MIMICO, the New Zealand distributor for Metso's crushing and screening equipment, parts and service.

The Lokotrack LT96 jaw plant is a compact and efficient mobile jaw plant that is ready to meet the challenges of today's contract crushing environment. The LT96 combines excellent mobility, high crushing capacity and good availability and is ideal for contract crushing that requires machine removal, processing both hard rock and recycling material, and primary crushing in a multi-stage process.

Operators will benefit from the Lokotrack LT96 through the use of advanced process automation that comes as standard along with true mobility with compact dimensions. The LT96 has a high working capacity thanks to the Nordberg C96 jaw crusher and also the optional Active Setting Control, which provides for efficient recycling.

The Lokotrack LT96 is a versatile tool that is effective for crushing contractors who need to process either hard rock or any other rock-based recycle material. The unit can achieve crushing capacities of up to 350mtp/h. As an option, the LT96 can be equipped with Active Setting Control (ASC), which will safely open the crusher cavity in the event of non-crushable oversized material being hit within the machine. The protective ASC system adds greatly to crusher availability, especially in recycling applications.

Genuine OEM spare parts and service are available from MIMICO. The MIMICO service team is factory trained on all Metso equipment and is capable of handling all servicing and any unplanned breakdowns anywhere in New Zealand.

The proven Lokotrack series features an extensive range of track-mounted crushing plants designed for contracting, quarrying and in-pit crushing applications. These plants are built around robust, high capacity crushers, feeders and screens, enabling them to process practically any rock or ore.

Technical specifications

Crusher: Nordberg C96 jaw crusher
 Feed opening size: 930mm x 580mm
 Feed hopper volume: 4m³ / 6m³
 Feeder size: 3200mm x 950mm

Transport dimensions

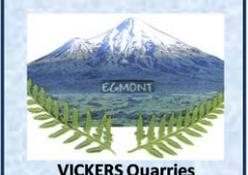
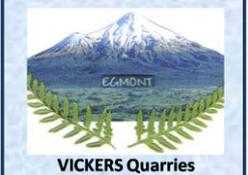
Length: 12,450mm
 Width: 2,500mm
 Height: 3,100mm
 Weight: 27,800kg

For more information please contact David Adlington at MIMICO.

- **Mobile:** 0274 957 164
- **Landline (ext):** 07 888 6294 (219)
- **Email:** davida@mimico.co.nz

Friends of the IOQ NZ

2013



Website: www.ioqnz.co.nz

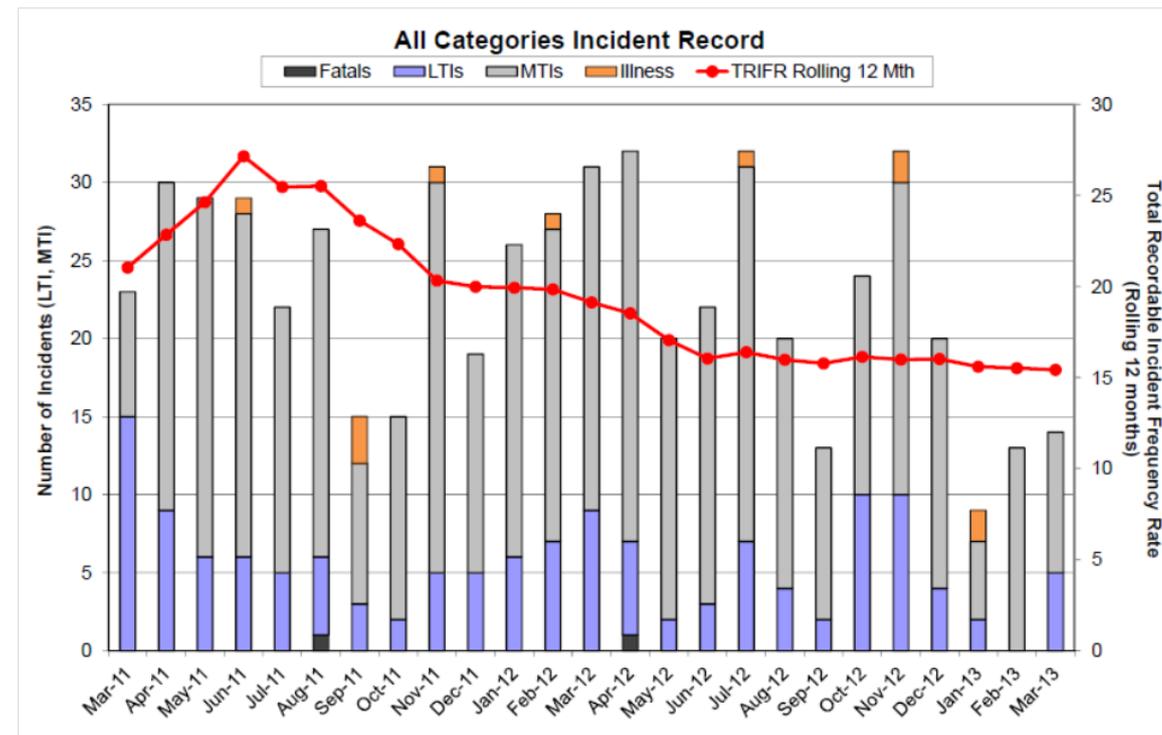
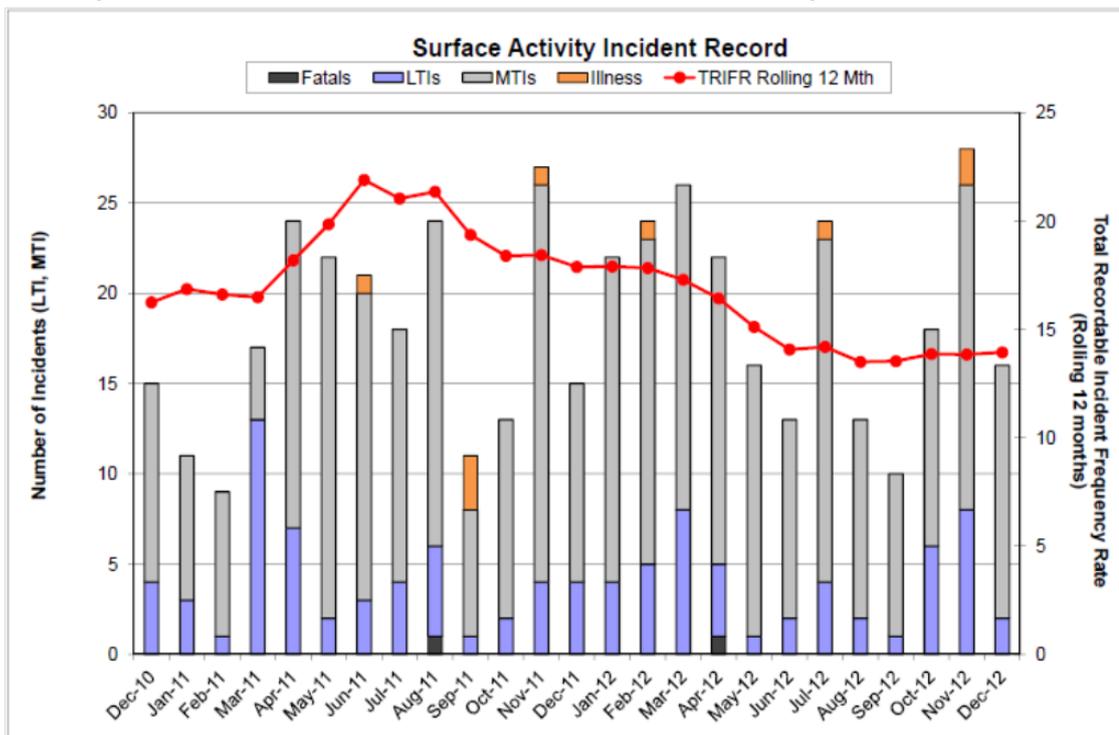
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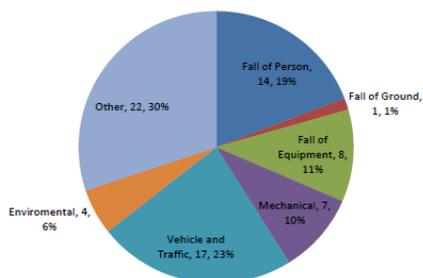
INCIDENT REPORTS FROM MINEX



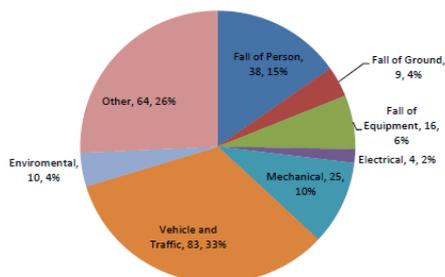
Data reports for the first quarter of 2013 Further updates and information for underground can be accessed on the website www.minex.org.nz.



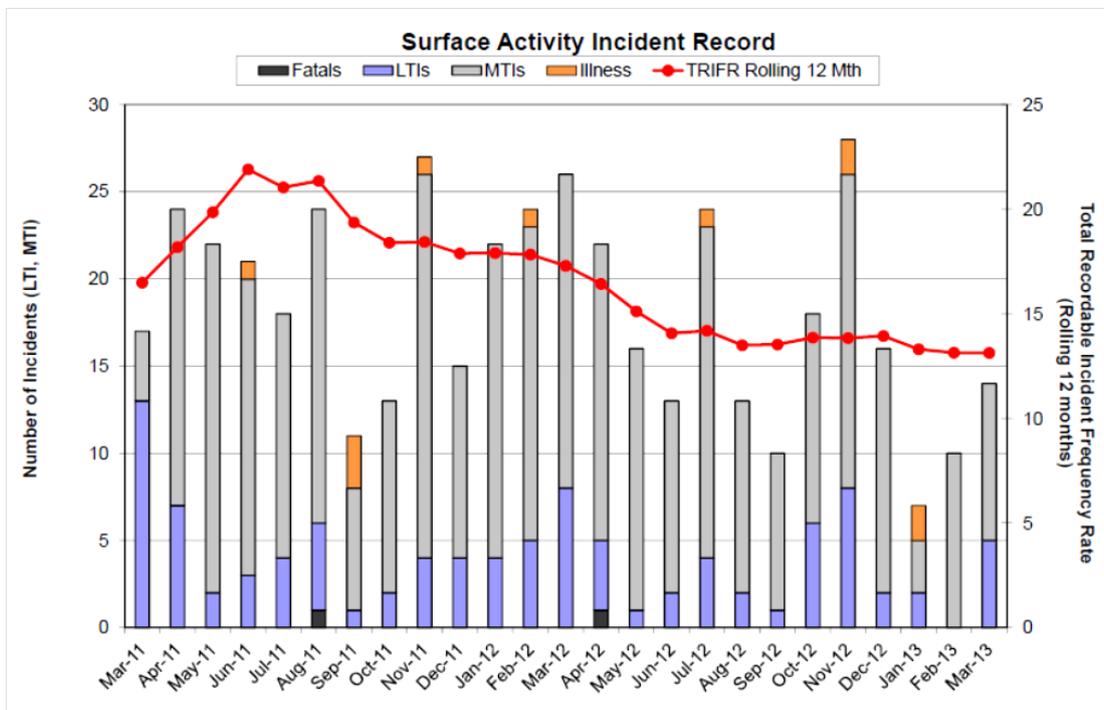
Surface Incidents Jan '13 to Mar '13



Surface Incidents Apr '11 to Mar '13



Friends of the IOQ NZ 2013



For information on the IOQ Executive Committee, Branch Chairmen and Secretaries, upcoming branch meetings, conference updates, awards nomination forms, membership forms, etc visit the website - www.ioqnz.co.nz. All forms are in pdf format and can be scanned and emailed to save you time.

WELCOME TO NEW MEMBERS

Name	Category of Membership	Branch
Gary Lockley	Associate	Waikato/Bay of Plenty
Chris Adamson	Associate	Auckland
Balfour Dunn	Fellow	Canterbury
Nathan Gibbons	Member	Auckland
Ryan Leach	Associate	Waikato/Bay of Plenty
Corbin Saunders	Associate	Waikato/Bay of Plenty
Daniel Leemeyer	Member	Auckland
Kelly Burchett	Associate	Auckland
Nicholas Bastow	Member	Auckland
Thomas Morrison	Associate	Auckland

Please ensure invoices are paid promptly and details are updated when you change your address or employer. Once your invoice for membership is paid you will be presented with your Institute of Quarrying certificate and a History book. Any current paid-up members who have not received a History Book please email gavin.hartley@bhq.co.nz or chriss@inet.net.nz.

Friends of the IOQ NZ
2013