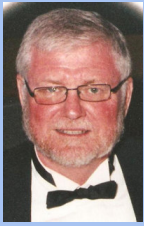




February 2009



**Message From**  
**Jim Calder**  
**Director**  
**Calder**  
**Projects Services**

2008 ended at a hectic pace with work on several projects being completed by Christmas eve to meet client deadlines. 2009 started off with all bad news on the financial front with continuing fall out from the global financial crisis. The inauguration of a new American President offers hope and a change in US direction but confidence in the system is at all time lows. At Calder we have begun feeling a drop off in client demand for Engineering Services for Project Implementation but demand for Studies and higher level Project Review and Due Diligence work has increased. Several of the large Brisbane EPCM firms have cut staff due to project cancellation. Their loss will hopefully be our gain as availability of experienced engineers is improving and once trusting staff now know working for a big firm is no guarantee of job security. Big firms have big overheads and are slow to respond. Small firms like Calder keep overheads low and can respond quickly to changes in client demand for services. 2009 will see many changes in the world we live in.

**Level 8 Christie**  
**Corporate**  
**320 Adelaide St, GPO Box 212**  
**Brisbane Q 4001 Australia**  
**T +61 7 3010 9284**  
**F +61 7 3010 9001**

## WELCOME TO 2009!

We trust everybody enjoyed the break with their family over Christmas and New Year and are looking forward to the challenges 2009 has in store for all of us.

A special welcome back to Vanessa Garcia our Business Administration Officer who returned from visiting her family in Colombia, South America over the Christmas New Year Period.

A big welcome also to Tony Sparksman who will be representing us in Business Development for Infrastructure projects. Tony brings a wide range of experience and skill to Calder and will help us grow in new directions and broaden our potential market.

Congratulations to all associated with Cape Alumina Limited on their successful listing on the ASX on 29th January 2009. Now the hard work really begins.

Congratulations to Finders Resources for the successful commissioning of their 5 tonne per day Copper SXEW plant at Wetar Island in Indonesia. The rectifier was switched on 6th February – see [www.findersresources.com](http://www.findersresources.com) for their 10th February news release.

Congratulations to Nigel Perrett and his wife Liz on achieving 28 years of successful marriage. To celebrate this anniversary Nigel took Liz for a well earned week holiday to Vila in Vanuatu in mid February.

## **AustralAsian Resource** **Consultants**

### ***Pre-Feasibility Study Support***

Through December and January Calder provided support to AARC for the Silver Hill Pre Feasibility Study. Calder's scope included developing plant layout, flow sheets, single line diagrams and electrical load lists, major equipment specifications and quotations and a capital cost estimate of  $\pm 30\%$  for a 1M tpa throughput flotation plant for Conquest Mining's Silver Hill Project at Mount Carlton, North Queensland.

## **GRD Minproc** **Contract Strategy**

Calder recently delivered a Contract Strategy Report for GDR Minproc for their Constancia Feasibility Study for a Copper Gold Molybdenum project in Peru. This followed on from earlier work by Calder on a Supply Chain Investigation in Peru.

## **Phoenix Lime** **Ootann Estimate Revised**

The Ootann Lime Project was revisited in December 2008. An alternative scaled down project was estimated as a response to the global slowdown. The client saw that demand for lime for metallurgical use may be impacted by global events and that agricultural markets may be sustainable but at a smaller scale. The estimate was handed over to Phoenix Lime, a subsidiary of Metallica Minerals Ltd, just prior to Christmas 2008.

### **Riotinto Aluminium Transport Options Study**

Calder recently completed a Transport Options Study for Riotinto Aluminium. This desktop study compared relative capital and operating costs for overland conveyors versus haulroad trucking for a number of production cases and haulage distances.

### **Queensland Magnesia Yaamba Pre-Feasibility Study**

December saw the completion of the Yaamba Pre-Feasibility Study for Queensland Magnesia Pty Ltd. Project Manager Daniel Maloney was kept busy right throughout December and completed the final report document on Christmas Eve.

### **Ivanhoe Australia Scoping Study 25,000tpa HL SX/EW Plant**

The Mt Dore Scoping Study metallurgical test work at HRL is continuing with good results indicating satisfactory leach parameters. By end April 2009 the analysis of the results will provide sufficient process design criteria to confirm sizing of the process plant and capital costs to be estimated. Ivanhoe are also pursuing other opportunities presented by the financial crisis so don't be surprised if we see some interesting announcements in the near future.

### **EVENTS**

The Calder Christmas function at the Christie Centre was once again a success! A big thank you to all those who attended! The 2009 function should be even better.

### **NEW CALDER WEBSITE!!!**

Take a peak at the new look Calder Projects Services web site at [www.calderprojects.com](http://www.calderprojects.com) After 3 years the old site was looking a bit weary so Suzie Fox set about to give it a new look to welcome in 2009. Everyone will agree it's a vast improvement on the old design and more in keeping with our modern 21st century image. Well done Suzie.

### **Staff Profile — Suzie Fox**



“Working for Calder Projects has allowed me to utilise many of my skills, and extend them as well. I enjoy the diversity, the challenges and the learning that my position within the company allows me”

Although Suzie Fox is our newest recruit, she had been working for Calder as a part time drafter for over 6 months before she joined the team on a full time basis in October .

Sue has been a valued addition to the experienced team at Calder.

Sue began working for Calder as CAD operator on the Wetar Demonstration Plant. She developed the Flowsheets, P&IDs and 3D fly-over video of the entire plant.

Sue's 3D model layout movies, allows Clients the opportunity to see how their plant will look and how well it co-exists with the surrounding, even

before the footings are poured.

Most recently though, Suzie has been working on the Silver Hill Pre-Feasibility Study, utilizing both of her specialties, CAD and estimating. Sue developed the Process Flow Diagrams, the General Arrangement Drawings and assisted Jim Calder with take offs on the capital cost estimate.

When Suzie isn't diligently working in our office, she can be found spending quality time with her two children Jacqueline and Zachary. Suzie also runs her own home-based company. Fox Graphix provides web design & graphic services - including

logos, business cards, flyers, corporate identity, photo retouching, album creations and client specific requests.

Look out for her new web site ([www.foxgraphix.com.au](http://www.foxgraphix.com.au)) which will be uploaded in the near future.

The newly refreshed Calder Projects Services webpages can be attributed to Suzie's keen eye for design and her willingness to turn her hand to any task that needs attention. It is this sort of flexibility that allows our small team to achieve goals many would think only possible from larger organizations. Well done Suzie.

Level 8,  
320 Adelaide St  
GPO Box 212  
Brisbane, Qld, 4001

Phone: +61 7 3010 9284  
Fax: +61 7 3010 9001  
Email: [admin@calderprojects.com](mailto:admin@calderprojects.com)