Consolidation of Expertise and Equipment and a desire to capture Economies of Scale to pass on to our client base has underpinned a decision to amalgamate the Sydney and Adelaide ALS Metallurgy facilities. Whilst it was a very difficult decision to close the Sydney business, which boasts a long service history and excellent reputation, the merged entity will provide increased expertise, equipment and capability to offer diverse and specialised services.

Record sample processing triggered a threefold expansion of the Adelaide operation during 2012 – now occupying three dedicated Metallurgy units at a complex that also accommodates ALS Geochemistry and ALS Environmental.

ALS Metallurgy – Adelaide now has additional comminution equipment and large and adaptable temperature controlled columns for bacterially assisted heap leaching amenability testwork with SX and IX.

ALS Metallurgy – Adelaide facilities now offer hydrometallurgical testwork services in addition to core expertise of comminution and flotation.

Specialised Metallurgical Testwork
ALS Metallurgy – Adelaide offers high quality specialised metallurgical testing services:

- Comminution
- Flotation
- Gravity separation
- Cyanidation
- Refractory evaluation
- Diagnostic analysis
- Hydrometallurgy
- Magnetic Separation

We invite you to visit our expanded facility in Pooraka, South Australia and discuss your metallurgical testwork requirements with our technical experts.
Technical Experts

Through the establishment of a large hub in Pooraka, Adelaide, ALS has achieved a quantum expansion of analytical, mineralogical, metallurgical and environmental testing capacity enabling delivery of best practice standards for turnaround time and technical service.

The ALS Metallurgy team of experienced metallurgists and metallurgical technicians are the heart of the company. With years of experience in laboratory scale flotation, hydrometallurgy and comminution, they are able to customise a testwork programme to suit clients needs.

The ALS Metallurgy team in Adelaide includes:

Aaron Einthal – Manager ALS Metallurgy - Adelaide
B. ENG (CHEM) HONS, BSC, DIPBUS (FRONTLINEMG), MAUSIMM
Aaron began his career as a projects engineer in Adelaide and Perth. In 2006 he started as a metallurgist at a minerals processing laboratory and became heavily involved and responsible for BHP Billiton’s geometallurgical program for the pre-feasibility study and definition phase of the Olympic Dam Expansion project. Aaron commenced work with ALS Metallurgy - Adelaide in 2010 and was placed in charge of design, construction and management of the current metallurgical testing facility in Pooraka.

Ray Doherty – Senior Metallurgist
BENG (MET), MENG.SC
Ray began his career as a plant metallurgist and senior research metallurgist at the Rosebery copper-lead-zinc concentrator in Tasmania. After being with the company for ten years, Ray worked for another ten years as a senior metallurgist at a mineral processing laboratory in Adelaide where he managed laboratory and pilot plant flotation projects. In 1989 Ray co-founded Optimet Laboratories (now ALS Metallurgy - Adelaide) and has since continued to work as a senior metallurgist. His work has involved mainly laboratory flotation of a range of sulphide ores but has also included gravity separation, gold leaching, pilot plant commissioning and on-site plant commissioning and consulting services.

Kelvin Keatley - Senior Metallurgical Technician
Kelvin began his career with Woodlawn Mines in 1977 working in grinding, flotation, dewatering and filtering, concentrate dispatch, laboratory testing, mineralogy and environment monitoring. He then worked for Pasminco Broken hill, Optimet Laboratories as well as running his own company Minprotek where he performed contract laboratory work for various clients. Kelvin joined ALS Metallurgy in August 2011 as a Senior Metallurgical Technician with the core responsibility of overseeing comminution testwork.

Lin Zhou – Metallurgist
PHD (MINPRO), MCHE, BCHE, MAUSIMM
Lin has over 6 years of experience in laboratory metallurgical testwork including flotation, leaching, gravity and magnetic separation. After completing a bachelor and master of chemical engineering, Lin did his PhD in flotation work at Ian Wark Research Institute at the University of South Australia. Lin has worked as a metallurgist in both on-site and metallurgical laboratory roles. He joined ALS Metallurgy - Adelaide in 2012 where he has focussed on flotation testwork including copper, molybdenum, gold/silver and graphite.

WE INVITE YOU TO VISIT OUR EXPANDED FACILITY IN POORAKA, SOUTH AUSTRALIA AND DISCUSS YOUR METALLURGICAL TESTWORK REQUIREMENTS WITH OUR TECHNICAL EXPERTS

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RIGHT SOLUTIONS | RIGHT PARTNER

ALS Metallurgy – Adelaide
is proud to be the first commercial laboratory in the world to offer the
Comminution Index (Ci) Test, a new low cost test developed
with JK Tech for more extensive data to be used for the design of crushing circuits