

# GEKKO ASSAY LABORATORY

Gekko Assay Lab Ballarat  
Capability Statement

CONCENTRATING ON THE FUTURE, NOW

# GEKKO ASSAY LAB CAPABILITY STATEMENT

## BACKGROUND

Gekko Systems was founded in 1996 to develop and market the InLine Pressure Jig, which at the time was a novel gravity separation device to recover coarse gold. Over the last 15 years, Gekko has continued to grow as a business and is a recognised leader in coarse gravity gold treatment and modular processing systems. The establishment of the Gekko Assay Laboratory in 2010 was a natural progression for Gekko Systems, acquiring the world-class coarse gold assay facility located at Castlemaine Goldfield's Ballarat project.

The large capacity of the facility means that Gekko now provides quality and timely analysis of a wide range of samples, for both internal and external clients. Supported by Gekko's gravity gold expertise, it expands the existing metallurgical laboratory facilities whilst continuing the proud Central Victorian gold mining tradition.

## CAPABILITIES

### Coarse/Nuggetty Gold Speciality

- Sample preparation – Boyd Crusher, LM2, LM5 with separate facilities to eliminate the potential for contamination of low grade exploration samples by a high grade metallurgical sample (the metallurgical laboratory has recently installed a new LM1 mill for preparation of such samples away from the assay lab).
- LeachWELL 500 – 3000 for coarse gold. Demonstrated as an effective technique for Central Victorian coarse gold.



“A world-class assay laboratory specialising in coarse gold analysis, delivered in a timely fashion”

- Screen Fire Assays (SFA500 – SFA1000)
- Fire Assays (FA25, FA30, FA50) Strict QC guidelines and extensive QC database. QC standards submitted with every batch and results available to customers
- Can assist in developing an efficient coarse gold laboratory protocol to suit your needs



### Geochemical and Metallurgical Analysis

AAS, ICP – AES, LECO for Sulphur and Carbon, Gold on carbon, Gold in Solution, laser sizing

### Environmental Analysis

WAD Cyanide (Amperometric Method via OI Analytical – PS3100 analyser), Free cyanide, TDS, TDSS and environmental sampling

## SAMPLE TURNAROUND – CUSTOMER FOCUS

- Willing and capable to negotiate sample turnaround schedules to meet needs of each site
- A priority sample system is in place to enable rush turnaround without compromising the regular work load
- Sample collection from client's site can be arranged

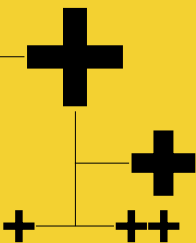
## ACCREDITATION

The Gekko Assay Laboratory is currently undergoing NATA accreditation, which is expected to be completed before the end of 2011

## THE GEKKO ADVANTAGE

- Gekko operates to the highest OH&S standards
- Gekko understands production and reporting pressures associated with mining/exploration operations
- Gekko is recognised as a world leader in coarse gold processing
- Gekko values customers and wants to be partners in their success

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