

BISMUTH FIRE ASSAY

LAUNCHING SOON - NEW FIRE ASSAY METHOD DEVELOPED BY BUREAU VERITAS

Fire Assay is widely viewed as the most accurate means of determining gold and other precious metals and has been little altered over centuries. Fire Assay is still the most cost-effective and accepted method for assaying “total” gold content.

HIGHLIGHTS

- Lead free, using Bismuth as the non-toxic collecting agent
- Method uses the principles of traditional fire assay, a trusted method
- Provides similar low detection limits and accuracy as traditional fire assay
- Existing quality control protocols readily applicable
- Improvements in CSR-ESG credentials
- Has potential to provide an expanded PGE suite and other elemental assays
- Readily expand/contract to match customer needs
- Easy to deploy at any Bureau Veritas Laboratory

KEY BENEFITS

Trusted: Have confidence that Bismuth Fire Assay maintains the same quality attributes and fundamental methodology as traditional lead fire assay, the gold standard in the determination of precious metals in the mining and metals industry.

Eco-Friendly: Bismuth Fire Assay eliminates the health and environmental risks associated with lead and reflects our commitment to improving sustainability.

Flexible & Easily Scalable: Bismuth Fire Assay is ready to deploy to any Bureau Veritas Fire Assay laboratory worldwide and can be easily scaled to customers’ needs.

Inclusive: Bismuth Fire Assay reflects Bureau Veritas’s commitment to inclusion and diversity by improving the health & safety of Fire Assay so that we can allow people to work who were previously excluded.

Cost Effective: With no royalties, the cost benefit of traditional Fire Assay is maintained.

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