BISMUTH FIRE ASSAY

LAUNCHING SOON!

A new fire assay method developed by Bureau Veritas

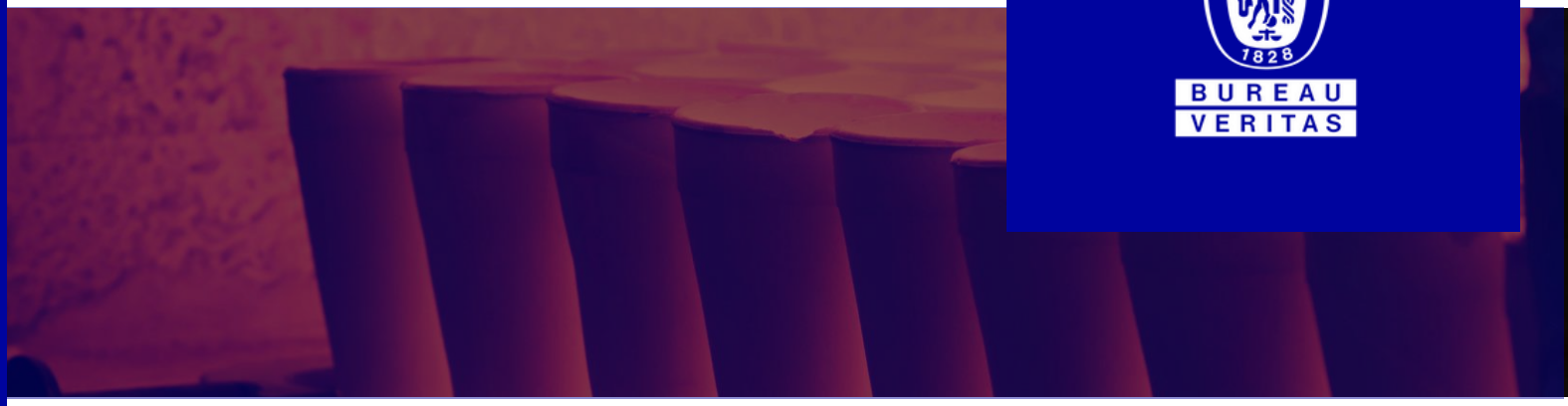
Fire Assay is widely viewed as the most accurate means of determining gold and other precious metals and has been little altered over centuries. Fire Assay is still the most cost-effective and accepted method for assaying “total” gold content.

- Our new service is **lead-free and uses Bismuth** as the collecting agent
- The method is based on traditional fire assay
- Similar **low detection limits and accuracy** as traditional fire assay
- Existing quality control protocols readily applicable

The Benefits...

- Using the principles of fire assay which is a **trusted method**
- Bismuth is **non-toxic**
- **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
- Is **cost effective**

BISMUTH FIRE ASSAY



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.

BUREAU VERITAS
Shaping a World of Trust

contact.africa@bureauveritas.com
www.bureauveritas.africa