



Rocklabs is the world-leading producer of high-quality Certified Reference Materials for the Gold, Silver, Platinum and Palladium minerals industries.

Rocklabs Reference Materials, also known as laboratory standards, are pulverised rock with known gold content suitable for analysis by fire assay or aqua regia digest. They are low-cost aids used by laboratories and exploration companies for quality assurance and quality control management.

Our broad range of Au-Ag and Pt-Pd-Au Reference Materials are available in 30, 50 and 100 gram sachets or 2.5 kg jars.

**BENEFITS:**

- **INDUSTRY STANDARD**

Rocklabs Reference Materials are recognised as being the most accurate and reliable reference materials globally.

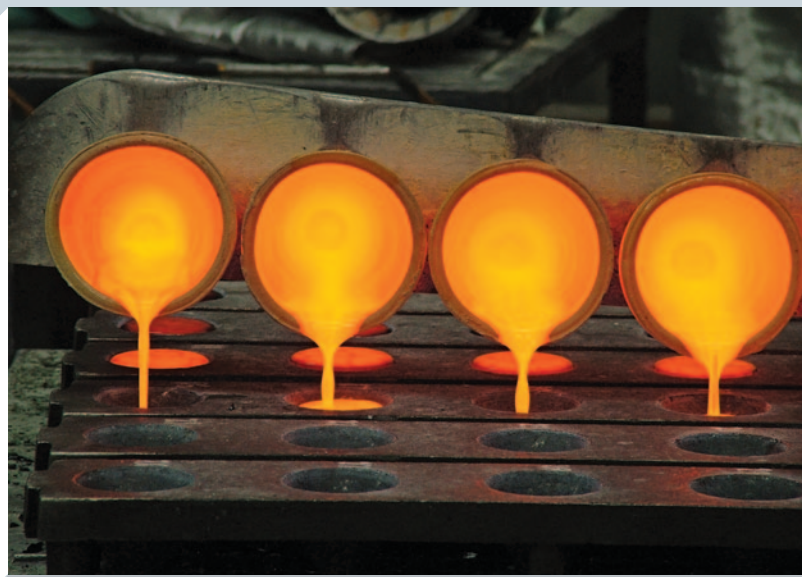
- **TESTED AND CERTIFIED**

Our Reference Material has been rigorously tested and analysed by a large number of quality laboratories. A certificate, which includes details of the production and characterisation of the Reference Material, is issued with each consignment of sachets or jars sold.

- **ADVICE AND SUPPORT**

Rocklabs has a team of chemists, geologists and a statistician to advise on the use of Rocklabs Reference Materials and the analysis of analytical results.





**LABORATORY USE**

Laboratories use Reference Materials as part of their normal quality control process. Sachets are supplied with a 'Labcheck' label when used by laboratories as part of their own quality-monitoring program.

Exploration and mine geologists can submit one sachet with each batch of samples they send to the laboratory for gold analysis, or one sachet with every 50 samples (for large batches). The sachets are robust and sealed and can be 'thrown in' with other samples. Sachets are supplied with a 'Geocheck' label when used by geologists submitting samples to a laboratory.

**PREPARATION**

Rocklabs Reference Materials are prepared from mineral matrices that contain gold that is uniformly distributed throughout the pulverised rock. Once material has been prepared and is confirmed as suitable through laboratory analysis, it is packaged into sachets or jars. A full homogeneity test is then carried out on a representative number of sub-samples from the packaged batch. If there is no significant difference found between the sub-

samples, the gold content is determined by proficiency testing using a minimum of 15 reputable laboratories from several different countries. Standard statistical techniques are used to assign a recommended gold value with associated 95% confidence interval.

Each sachet or jar is labeled with a unique number. A certificate, which includes details of the production and characterisation of the Reference Material, is issued with each consignment of sachets or jars sold.



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