

SAMPLING SOLUTIONS

www.snowdengroup.com

The Snowden sampling team has the expertise to design, manage and audit sample collection and preparation systems, and prepare QA/QC procedures for all mining stages. The team's experience encompasses exploration, project feasibility/resource definition, production grade control and process sampling.

As sampling programme design, management and implementation can be costly and crucial, Snowden's experience can ensure you get it right.

Snowden can assess sampling programmes and protocols in the field and laboratory to determine their effectiveness. The team can provide advice on and design tests to calibrate Gy Sampling Theory, and prepare sampling nomograms for optimisation.

EXPERIENCE

Offering more than 65 years of combined experience, the sampling team has expertise in all mineral commodities at all levels including operational, R&D, training and consulting. The team possesses world-class computational and statistical expertise to undertake high-level studies and to produce practical and well-informed client outcomes.

The team has international experience, covering most mineral commodities including precious and base metals, diamonds, coal and industrial minerals.

Snowden sampling team

Dr Simon Dominy – Regional Manager and Principal Mining Geologist

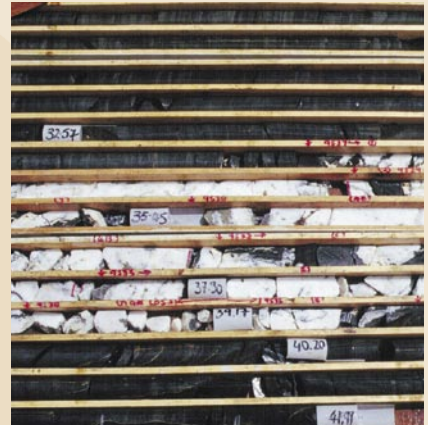
Mark Murphy – Group Geostatistician

Mark Noppé – Director, Regional Manager and Principal Resource Geologist

Ian Glacken – Director, Group Manager Resources and Principal Resource Geologist

TRAINING

Snowden offers training from an introductory-level through to high-level training courses including: Successful Sampling and QA/QC of Assay Data; and Grade Control and Reconciliation; which are offered periodically or on demand. Courses can be tailored to the client's requirements and presented on-site.



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COARSE GOLD SAMPLING

The Snowden sampling team has specialist skills in sampling high-nugget effect coarse-gold systems to support resource development and grade control. These deposits are challenging to sample effectively and require a unique blend of sampling theory and practice combined with geology to optimise protocols.

In many cases the delineation of mineralisation to ore reserve status requires underground development and/or trial mining. While in the operational phase, reconciliation between production and the reserve estimate is often difficult and requires carefully designed mining grade control and mill sampling procedures.

Snowden can assist with planned sampling campaigns to estimate resources effectively and determine the proportions of coarse gold and gold particle size distribution. The team also offers expertise in determining metallurgical characteristics, optimal sample collection and assaying procedures, QA/QC programmes and checking sampling programmes for audit and review.

EXPERIENCE

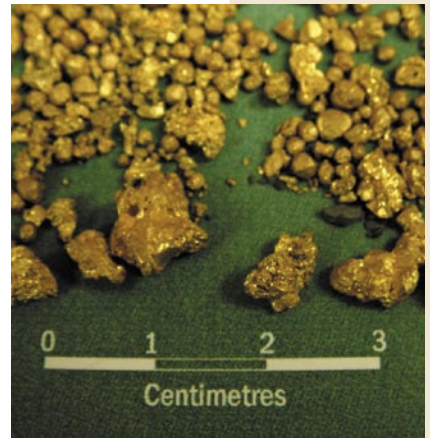
The team has global experience in most coarse gold-bearing mineralisations, including black shale-hosted veins, mesothermal lode-gold and shear-zone systems, epithermal systems, laterites, skarns and alluvials.

Snowden has particular experience in the design, management and interpretation of development-led bulk sampling and trial mining programmes for grade verification, in both underground and open pit mines. The team also has experience in the design of sampling towers and small-scale plants for processing of bulk samples.

TRAINING

Snowden offers training courses from introductory through to advanced levels, including: Sampling High-Nugget Gold Deposits; Coarse Gold Sample Preparation and Assaying; Bulk Sampling and Sample Characterisation. Courses can be tailored to the client's requirements and presented on-site.

To discuss your sampling requirements contact Simon Dominy on +44 1932 268701 or sdominy@snowdengroup.com.



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