

# Core Yard Services

**Drilling produces** a large number of samples from which geological information including lithology, structure and most importantly assay grade can be gained. Due to the expense of drilling it is imperative that the data gained from the core is consistent, comprehensive and of a high standard. To do so, an organised set of procedures must be put in place from the drill site through to submittal of samples for geochemical assay. This can be achieved through compliance with internationally recognised quality assurance and quality control (QAQC) best practices in data capture and data storage.



## SRK ES offers:

**Experience** in the supervision, management and implementation of drilling programmes in a variety of climates and terrains using a range of drilling methods. This extends from handling of drill core at the rig, transportation to the core yard, logging and sampling of the core, to secure storage. SRK ES has designed and constructed core yards for a number of projects and regularly produces procedures for all activities that should occur there.

**Knowledge** of the importance of geotechnical logging, analysis of core quality, core recovery and drilling induced features. Lithological, alteration, mineralisation and structural logging codes are selected as appropriate for the deposit type and sampling procedures are tailored to collect representative samples of the mineralisation of interest.

Validation of procedures throughout the logging and sampling of a drill programme can negate the potential for errors and flaws that could invalidate entire drillholes, leading to increased costs. SRK ES can provide advice and expertise at the planning or auditing stage, as well as supervise and execute drilling programmes to ensure that sample logging and sample preparation is conducted to the highest standards prior to dispatch to an assay laboratory.

SRK ES regularly designs QAQC programmes involving the insertion of blank material, Certified Reference Materials (CRMs) and sample duplicates into the sample stream. SRK ES can advise on the most appropriate material to use for these QAQC samples and source them from reputable suppliers when needed.

**Training** for the client's technical staff in sample logging techniques and core yard best practice. SRK ES modifies logging and data entry sheets to the specific requirements of the project and deposit type; and can design and supervise onsite sample preparation facilities according to QAQC protocols. SRK ES geologists often audit clients' current core yard operations, monitor QAQC procedures and conduct independent chain of custody checks. The latter is of great relevance at the Mineral Resource Estimate stage of development.

To find out more about our technical services or discuss your project specific needs, please contact us;



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