

Drilling

All mineral projects require subsurface exploration in order to progress and define extensions to mineralisation identified at surface. Samples from drilling form the basis of Mineral Resource Estimates and hence contribute to the material value of a project. A primary role that SRK ES plays on behalf of a client is ensuring that drilling is executed using industry best practice so that accurate data is collected for use in three dimensional geological deposit models.

SRK ES can provide rig-site geologists to supervise and manage programmes from scout drilling through to multi-rig, resource drilling. SRK ES often conducts audits of drilling, sources drilling companies and negotiates contracts on behalf of clients.



SRK ES offers;

Experience in planning drilling programmes so that at each stage the minimum number of holes are drilled to obtain the maximum amount of information. This involves orebody modelling and 3D orientation of drillholes prior to and during the programme. With a portfolio of successfully designed and managed drilling programmes in over 40 countries, SRK ES brings a truly global experience to a project.

Knowledge of all types of drilling including diamond core, reverse circulation (RC), percussion, rotary air blast (RAB), air core, sonic, hydraulic rotary and auger as well as other less common techniques. SRK ES routinely analyses the costs, rig size and suitability of each type to particular deposits and terrains in order to save time and money.

Expertise in the technical aspects of drilling and is proficient in dealing with rig crews to ensure that quality samples are consistently produced. Crucial roles also include the investigation of poor drilling or bad ground conditions, as evidenced in recovered core, and the monitoring of compliance with safety and environmental regulations. SRK ES is capable of dealing with logistics associated with the mobilisation of drill rigs to remote locations.

Innovation in the application of specialised drilling technologies such as sonic core, underground and directional drilling. SRK ES regularly recommends the use of downhole geophysical logging and orientation surveying tools, and if needed optical or acoustic televiwers to make best use of every drillhole.

Drilling often makes or breaks a project and SRK ES' aim is to confirm that poor quality drilling does not jeopardise this objective. SRK ES deals with the entire exploration process and strives to ensure that activities are done right first time.

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



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