

Geological Field Mapping

Geological field mapping is the primary method used for understanding and interpreting regional and local geology. A good quality mapping campaign can be conducted rapidly and is the cheapest form of exploration. Mapping is a dynamic process which can easily be adapted in response to logistical demands and can be coupled with other methods of exploration to save time and resources.

SRK ES has found that field mapping is often overlooked and undervalued as an exploration method. The information gathered from a mapping programme often allows for a more targeted approach to subsequent phases of exploration and in turn increases the effectiveness of its planning.



SRK ES offers:

Experience of mapping in jungle, savannah, desert, high altitude and arctic conditions, in wide ranging geological terranes and for multiple commodities, including iron, gold, oil shale, base metals and rare earth elements. SRK ES also has the in-house capability to map and produce sections of underground workings and adits.

Knowledge of mapping techniques and the production and interpretation of geological maps and sections. SRK ES is able to provide mapping input and support tailored to suit the requirements of a project. This is can involve independently undertaking geological mapping, coordination of the client's geological mapping teams and logistical aspects of the campaign, or providing training and assistance to local geologists. Tuition can be customised to the requirements of the project and the skill set of the onsite team.

Handheld GPS units have revolutionised mapping in remote areas. The skills required to make proper use of these devices, as well as the basic identification of rocks in hand specimen, are the two most common skills taught by SRK ES.

Expertise in the collection, handling and interpretation of cartographic data. SRK ES has a number of highly experienced geologists who specialise in outcrop and underground mapping, as well as the digitisation and production of geological maps in MapInfo Discover or ArcGIS. SRK ES can also provide training to client geologists in such geographical information systems (GIS).

Innovation by striving to adopt the latest mapping techniques such as GPS-enabled tablet mapping systems, that can assist in mapping faster and make interpretation much more thorough.

SRK ES recognise the importance of geological mapping and the value it can contribute to an exploration project. Training onsite staff not only furthers the teams' skill set, but allows the project to continue to develop after SRK ES leave.

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



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