CASE STUDY: BARKERVILLE GOLD MINES LTD.

HOW CENTRAL HAS TRANSFORMED THE WAY THE TEAM MANAGES THEIR DATA

THE PROJECT

Barkerville Gold Mines Ltd. (BGM) is focused on developing its extensive mineral rights package located in the historical Cariboo Mining District of central British Columbia. BGM’s Cariboo Gold Project mineral tenure covers 2,039 square kilometres, along a strike length of 67 kilometres; this area includes several past-producing placer and hard rock mines, making it one of the most well-endowed land packages in British Columbia. The current infill drilling programme, which is adding confidence to BGM’s vein-hosted gold deposit, has been running for the last three years and the project is continuing into 2019. The team of geologists is aiming to hit mineralised vein planes to move the resource up to inferred and subsequently indicated status.

The size of the project has grown significantly over the last two years, producing a huge amount of drilling data. To help manage this geological data more effectively BGM has turned to Seequent’s Central solution.
“There are now up to ten people working on the same data every day, but because there is only one Central platform, everything is managed in one place with all changes tracked, ensuring only one version of the model is worked on.”

Natalie Cook, Project geologist
THE BENEFITS

“With Central, there are the obvious benefits such as saving time and working more efficiently as you are just downloading one project, knowing it contains the most current data. In addition, we have really seen a transformation in how the team is working together. The geologists are more empowered to keep a constant track of the drilling progress and suggest new ideas to the project managers.

Now that we have Central, the geologists are looking at the model every day and are making sure their drillholes are on target. Some of them are now even doing their own modelling based on what they have seen in the core, with data that wasn’t as easily accessible before Central. It is the immediacy of being able to see the data and act in the moment, which encourages the geologists to spend more time interpreting the data than before” says Natalie.

As the project has grown, the project managers are seeing the benefit of having more input from the team towards improving drilling efficiency. Central offers the team a different perspective regarding the model development and allows for active collaboration in the drillhole planning effort.

THE OUTLOOK

Barkerville Gold Mines Ltd. sees Central, plus Leapfrog Geo and EDGE, as fundamental technology for creating a more efficient organisation and facilitating cultural transformations. The new generation of geologists entering the workforce must be comfortable with the latest technology, so BGM ensures that all their new hires go through the Leapfrog Fundamentals training.

Central solves the challenges of a team being geographically spread between on-site and in the head office. All personnel can visualise and utilise the same data and interpretations, no matter where they are. The exploration team sees the 3D visualisation capability of Leapfrog as essential for all future decisions around resource programmes.

COMPLEXITY TO CLARITY

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