



Red Chris Mine, 2019-2023
British Columbia, CA



A defined resource ahead of lab results

The adoption of Scan by Veracio sensor technology transformed the mining process, enabling proactive decision-making and the development of advanced geological models.

Core Insights: Empowering Geologists with Cutting-Edge Technology



Newcrest's Red Chris mine in British Columbia required real-time data to guide core-based observations and overcome lab assay delays, especially during the COVID pandemic. This innovation empowered geologists with timely insights, enabling them to make proactive decisions based on near-real-time Cu values and advanced geological models. The sensor technology of Scan by Veracio (formerly known as TruScan) provided real-time insights into spatial modeling of core samples, offering crucial information weeks ahead of final laboratory assays.

Scan by Veracio's cutting-edge technology set a precedent for applying similar solutions across the mining site. Demonstrating the ability to provide real-time, accurate data can lead to improved operational efficiency and informed decision-making in the mining industry.

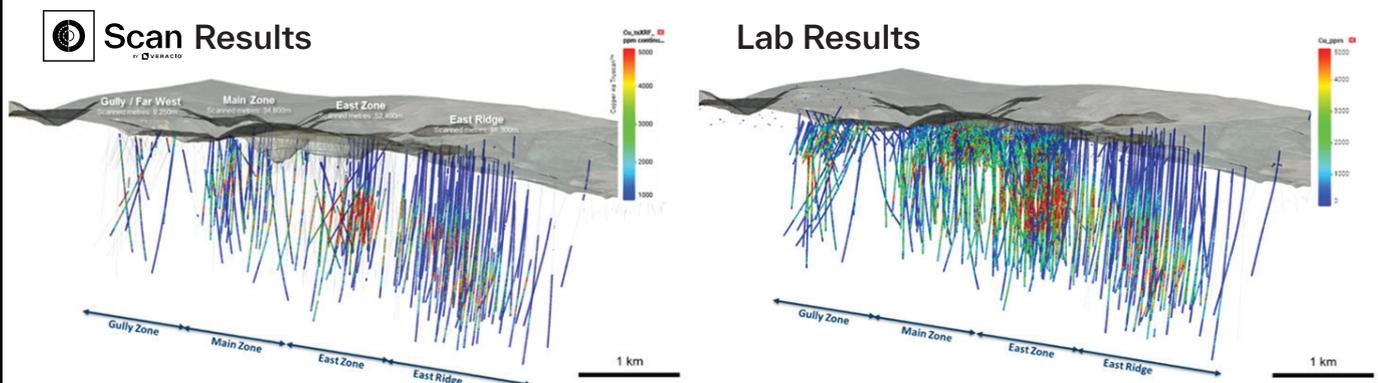
RESOURCE DATA AHEAD OF THE LAB

The data not only aided in prioritizing core intervals for expedited lab processing but also allowed for the creation of geological models that incorporated metal volume information well before assay results were available.

LAB PRIORITISATION

Scanned copper (Cu) values were particularly instrumental in refining core sampling and lab dispatch sequences, focusing on Cu-bearing material while minimizing processing of weakly anomalous wall-rock.

Red Chris: 3D long section view - copper



The deployment of scanning technologies, especially at Red Chris, has been important in understanding fine-grained mineral geochemistry and sulfide distributions. This real-time data has allowed our resource team to build geological models in advance, reducing reliance on lab assays.

Anthony Harris, Chief Geoscientist

Images courtesy of:

