

Block Model Essentials

Welcome: Block Model Essentials

This quick introductory module provides a brief, high-level overview of course content. You will also meet your instructors.

Block Model Basics

Upon completion of this module, you will understand Vulcan block model structures, the different types of Vulcan block models, and how Vulcan stores data to blocks.

- Understand the structure of Vulcan block models.
- Discover the different types of block models you can create in Vulcan.
- Explore the different variable types in Vulcan, and when you would use each one.
- Learn about different applications of block models.

Model Creation

To help you better understand block model structures and functionality, see how a geologist would create different types of Vulcan block models from existing Vulcan data. This module is intended as an overview of block model creation. Learning how to estimate and validate a block model is beyond the scope of these lessons.

- Learn which data a geologist will use to create various Vulcan block models.
- Consider which models are appropriate for your deposit.
- Discover Vulcan tools that automatically create block models.

Block Legends

Learn about different applications of popular Vulcan legends, then use your knowledge to construct and quickly copy block legends.

- Understand popular Vulcan legend types and applications of each.
- Create alphanumeric and numeric block legends to help you analyse and view blocks.
- Quickly copy legends to speed your workflows.

Block Selection Criteria

Many options that load or call on a block model allow for selective block consideration based upon one or more criteria. This module explains the methods of applying block selection criteria to your models for more intuitive block analysis.

- Discover several ways you can apply criteria to select only the blocks you need to consider.
- Comprehend the difference between block centroid and proportional analysis.
- Understand the proper syntax to apply to both string and numeric variables.

Exam: Block Model Essentials

You may download a certificate or post a certificate to LinkedIn® when you score at least 70% on your course exam.