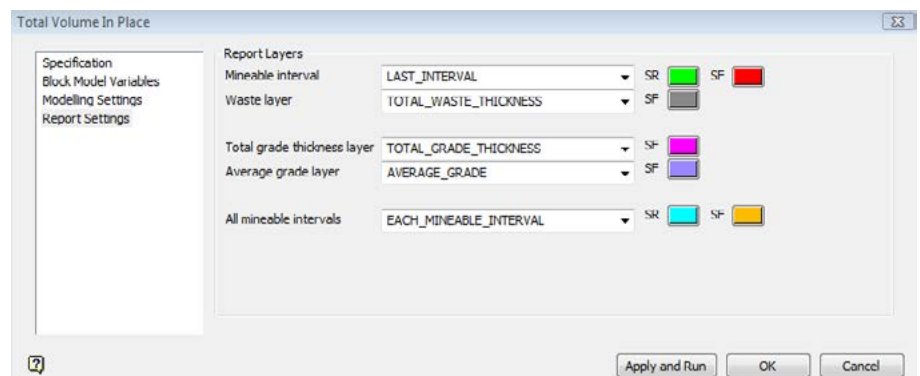


Vulcan Oil Sands Module

Vulcan Oil Sands Module is tailored to meet requirements in geologic modelling, reserving, and mine design.



Features

- Total Volume: Bitumen in Place
- Block Averaging
- Block Area Averaging

Benefits

- Designed specifically for oil sands operations
- Easily design models to meet standards set forth by ERCB
- Restricted block selection provides greater control over the block model
- Report average value of variables of specified blocks

Total Volume: Bitumen in Place

- Define surfaces as grid models
- Determine ultimate mining floor from TV:BIP parameters
- Mining floor stored to block model
- Report grade and thickness of intervals to a block model
- Specification-based with easy recall and factor analysis
- Generates color-coded points to help visualise outcome of TV:BIP application:
 - Waste thickness
 - Ore thickness
 - Average grade
 - Location of ultimate mining floor
 - Location of mineable intervals

Block Averaging

- Determine average value of one or more block model variables over an interactively-designated range
- Values can be assigned to blocks with default or missing values

Block Area Averaging

Unlike Block Averaging, Block Area Averaging:

- Generates points containing average block model variable
- Save values for future use
- Offers control over block selection using any combination of the following:
 - Polygon limits
 - Solid triangulation boundary
 - Blocks which fall between two triangulated surfaces
 - Values of variables in the block model