

Adding Unmined Vertical Pedestals

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The **Add Unmined Vertical Pedestals** option is used to modify the excavation surface model based on a Boolean grid model. Specifically, pit shell elevations that are coincident with “true” ($z=1$) Boolean grid cells (Figure 1 & 2) will be restored to the initial ground surface elevation while any ore voxels below these cells will be classified as “unmined”.

To illustrate how this works, consider the following example in which a Boolean grid representing three pedestals was used to modify the optimized pit design (Figure A1) such that the initial ground surface elevations were restored for the Boolean “true” cells (Figure B1). Also note that the ore voxels within the pedestals were reclassified as unmined ore (Figure B2).

