O-Pitblast uses three different mechanisms to predict the radius of the clearance zone.
Based on face burst (burden)
Based on stemming height
Based on hole inclination and stemming height.
O-Pitblast calculates the radius for all models and gets the critical value (the highest one).
Based on the highest radius, from the models above, O-Pitblast creates in each hole a circle with that radius. And finally, a bigger polygon is created based on every hole radius.
Define your parameters

Definition of empirical constant K (Clearance Zone)

K = 13.5 soft rock
K = 20.3 medium rock
K = 27 hard rock

Definition Safety Zone Factor for equipment and for personnel
Clearance zone: Map Module

Selection of Clearance Zone

Clearance area for personnel

Clearance area for equipment