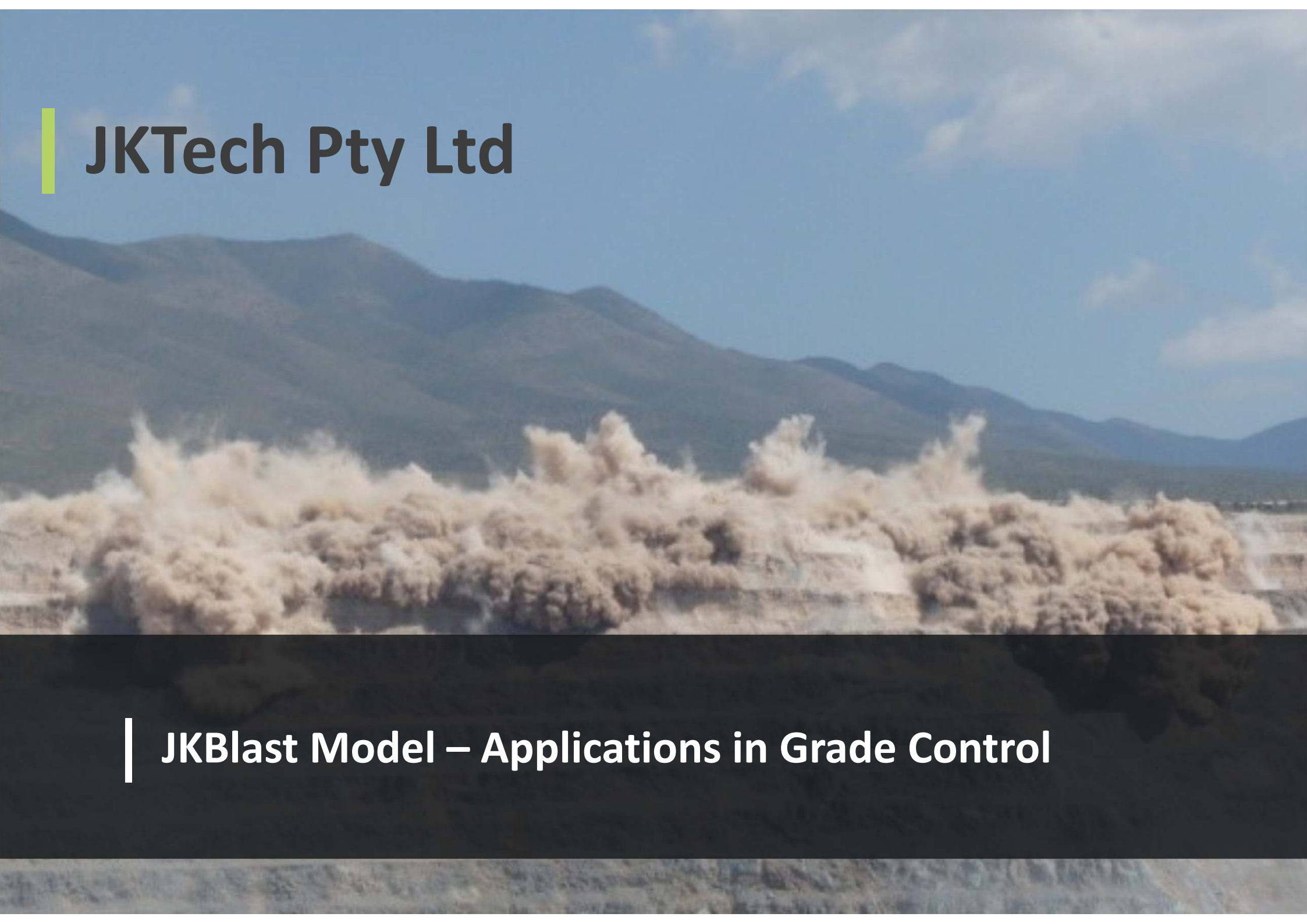




JKTech Pty Ltd

JKBlast Model – Applications in Grade Control

JKBlast Model



DECREASE
ORE LOSS



MINIMISE
DILUTION



INCREASE
PROFIT

The latest tool from JKTech allowing you to design &
optimise your blast



| FEATURES

Improve safety – less walking on muckpile

Fits in with existing operational workflow by allowing you to import data from existing packages

Simulate production blasts on a regular PC within 2 hours allowing you to use to make day to day operational decisions

Real life simulation of the actual environment of your mine

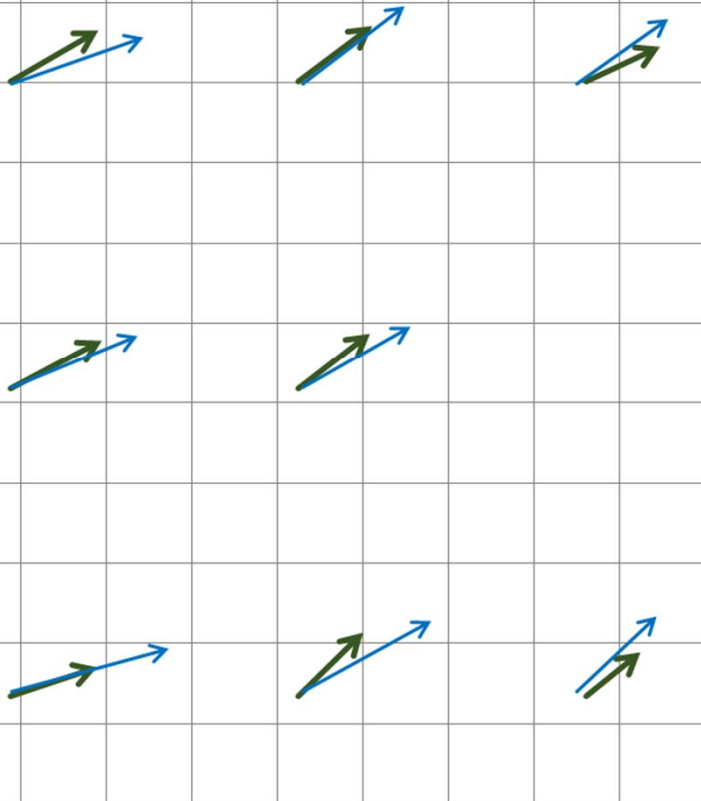
Minimise expensive measurements

VALUE

Actual bench surface

Accurate Prediction of blast movement

Predict Internal movement

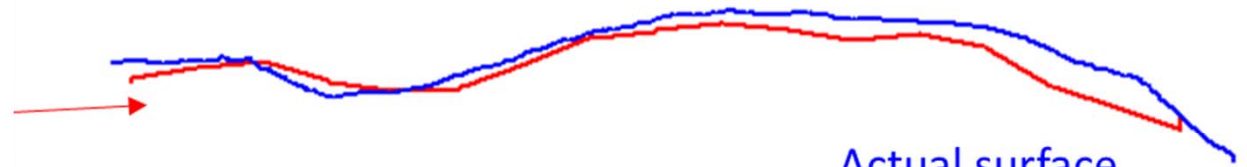


→ measured

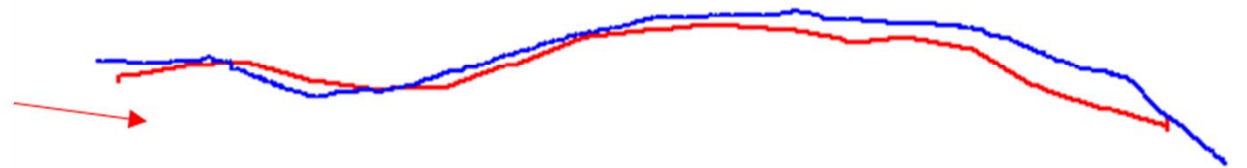
→ model

Predict surface movement

Section 1

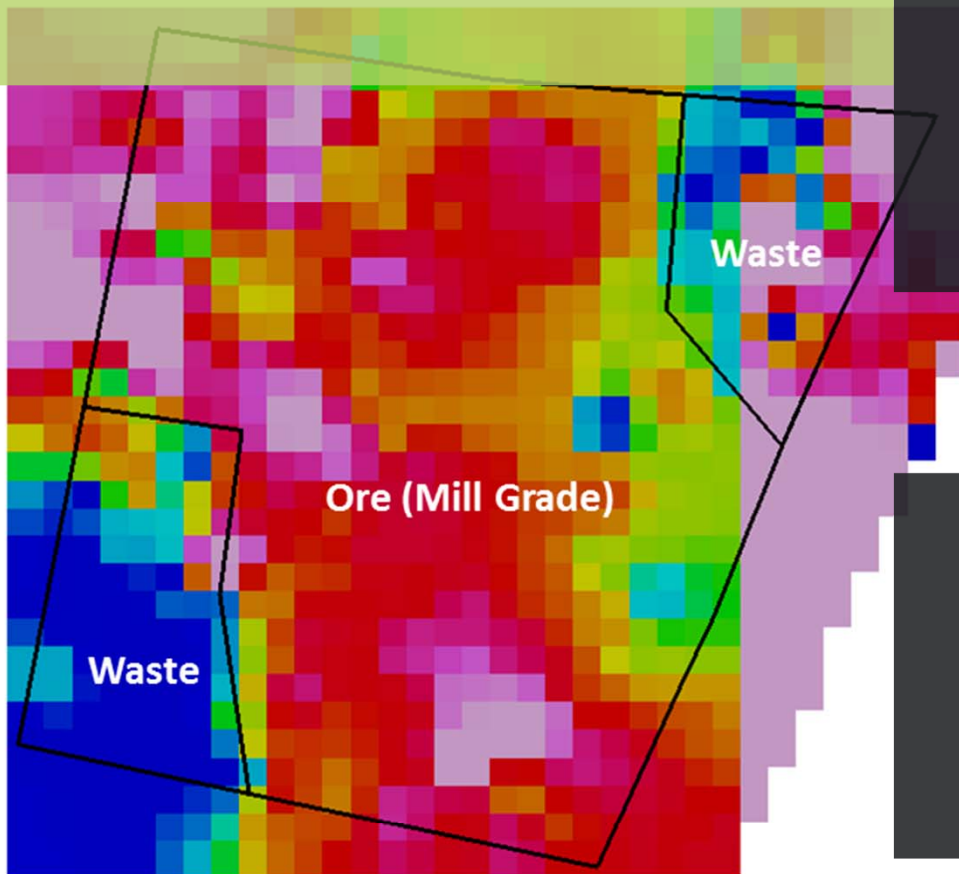


Section 2



Actual surface
Model surface

VALUE



Predict Ore Loss & Dilution

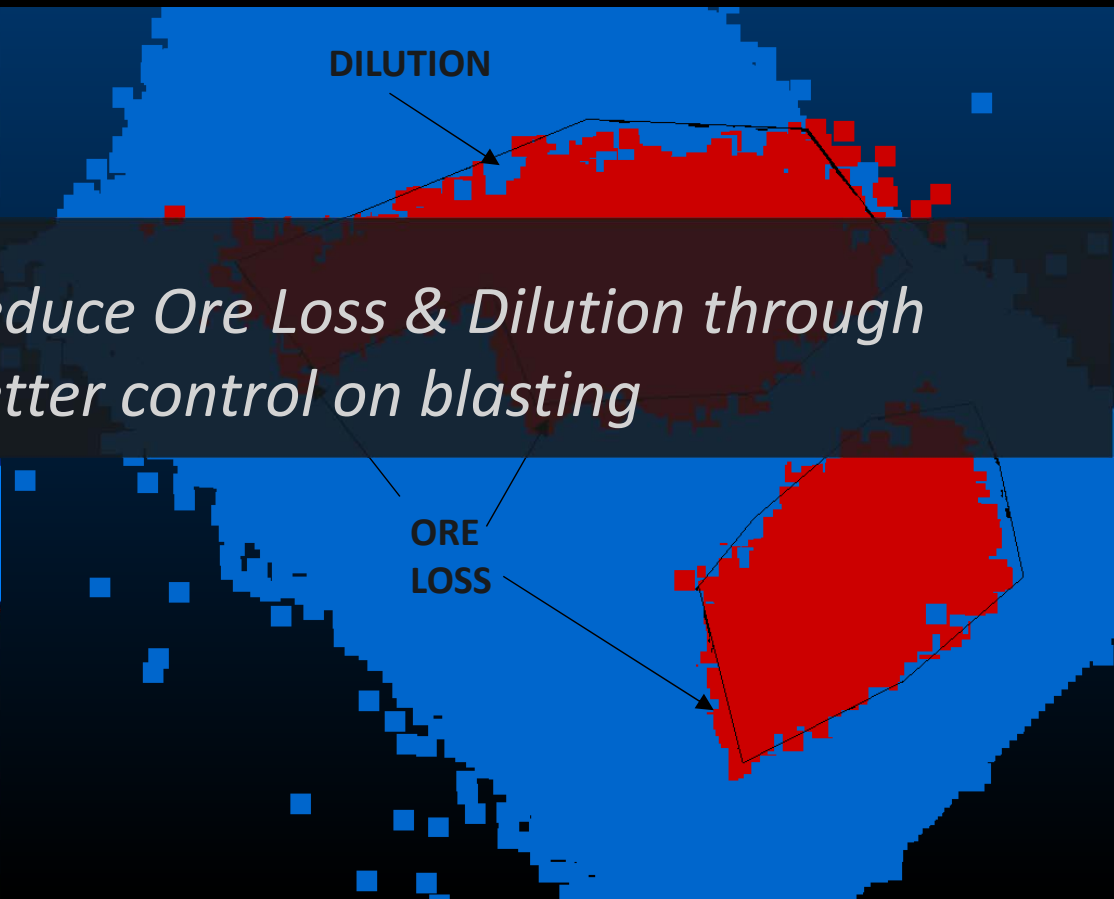
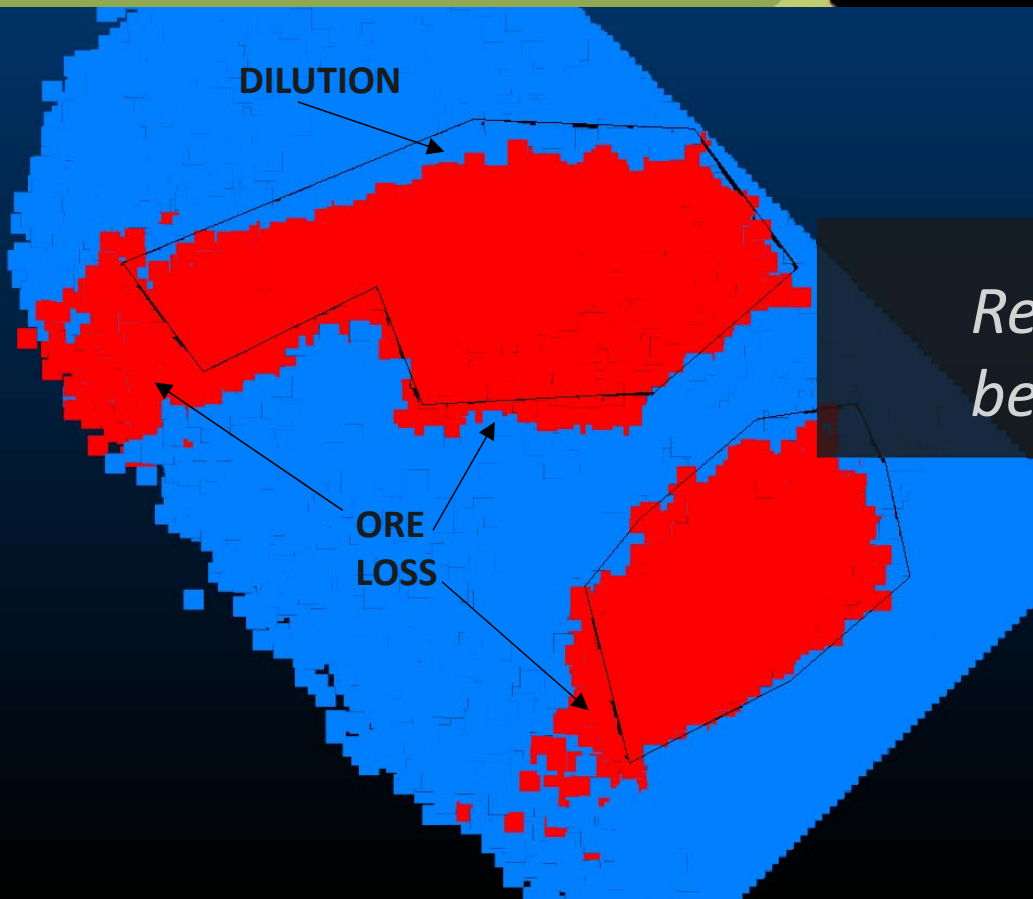
Ore Loss	16%
Dilution	8%

*Minimise Ore Loss & Dilution by
adjusting ore polygons*

Ore Loss	\$ 1,569,044
Opportunity Cost	\$ 220,522
Total	\$ 1,789,567

VALUE
Centre lift blast – uncontrolled

Centre lift blast – controlled



Reduce Ore Loss & Dilution through better control on blasting

Ore Loss

8%

Dilution

6%

Ore Loss

3%

Dilution

3%

Contact Us

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