



LOAD AND HAUL SOLUTION

We have an array of products and services that provide solutions for designing open pit load and haul ramps.

What challenges do you face when designing your open pit load and haul ramps?



How do you quickly acquire ramp and haul road gradients?



Do you struggle getting the most up-to-date pit shells, volumes, dimensions, haul roads and ramps for your open pit mine?



Is it difficult to determine safety and cost factors of ramps and haul roads?

Maptek has tools to help you.

Maptek I-Site laser scanners paired with I-Site Studio point cloud processing software allow you to rapidly acquire pit shells, volumes, dimensions, haul roads and ramps.

Incorporate changes in your mine plan into Maptek Vulcan mine planning software, and easily measure gradients.

Use your data to improve safety by ensuring safe ramp parameters and continuous monitoring of current ramp designs, and reduce costs by maintaining accurate volume calculations.

Want to know more? Contact us:

Maptek prides itself on experienced, professional services teams.

For more information about this solution for your site telephone Elton du Plessis or Nick Venter at 011 750 9660

Email nick.venter@maptek.co.za or elton.duplessis@maptek.co.za

I-Site™



Vulcan™



Results

Acquire pit shells, determine dimensions and calculate volumes

Collect haul road and ramp data

Scan haul trucks to quickly calculate truck factor information

Export data between I-Site Studio and Vulcan

Measure gradients

Analyse ramp and road profiles

Plan and design roads

Estimate hauling distances over Life of Mine

Improved accuracy

Increased safety of ramp parameters

Reduced costs of ramp designs

