

● LIVE PLATFORM

SlopeTraq

The system of record for slope and dump stability, from the bench inspection to the release decision.

WHAT IT IS

Stability inspections, governed end to end.

SlopeTraq records every slope and dump inspection at the bench, classifies each deviation against the mine's own criteria, assigns corrective actions, and holds the release decision on an audit trail that cannot be altered.

Every block carries its current status on a three-dimensional model of the pits and dumps, so the Rock Engineer and management see the same picture.

THE PROBLEM IT SOLVES

Stability decisions need a clear record.

Paper and spreadsheets

Inspection notes, photos and actions are scattered, so the status of a block depends on who you ask.

Judgement on the day

Without set criteria, the same crack can be rated differently by different inspectors.

Releases without evidence

Blocks go back to work before every corrective action is closed and signed off.

FORMAT

Field app on phone or tablet, with a web dashboard

BUILT FOR

Open pits and waste rock dumps

STATUS

Live platform; underground module in development

— HOW IT WORKS

Inspect, assess, control, release.

1 Inspect

Structured stability inspections at the bench on a phone or tablet, with or without signal. Every deviation is recorded where it is seen, with photographs.

2 Assess

Each deviation is classified A, B or C against the mine's defined criteria. The block's status updates at once.

3 Control

Corrective actions get an accountable owner and a due date by rule. STOP WORK is enforced where criteria require it.

4 Release

A block returns to work only when every Class A deviation is closed and the Rock Engineer releases it, by name, on the record.

WHAT'S INCLUDED

One platform for the whole chain.

- Offline field inspections on phone or tablet
- Deviation classification against the mine's own criteria
- STOP WORK enforcement and release control
- 3D block status for pits and dumps
- Corrective-action tracking with owners and due dates
- Audit trail that cannot be altered
- Management reporting

BUILT FOR

- Open-pit mines
- Waste rock dumps and stockpiles
- Geotechnical and rock engineering teams
- Mining contractors

GETTING STARTED

See it on your own pit.

We'll set up a demonstration using your pit layout and inspection criteria. An underground module is in development.

Request a demo → info@terraq.co.za

TALK TO US

Request a demo.

info@terraq.co.za · +27 81 532 9057

terraq.co.za