Field Notes on Slope Stability

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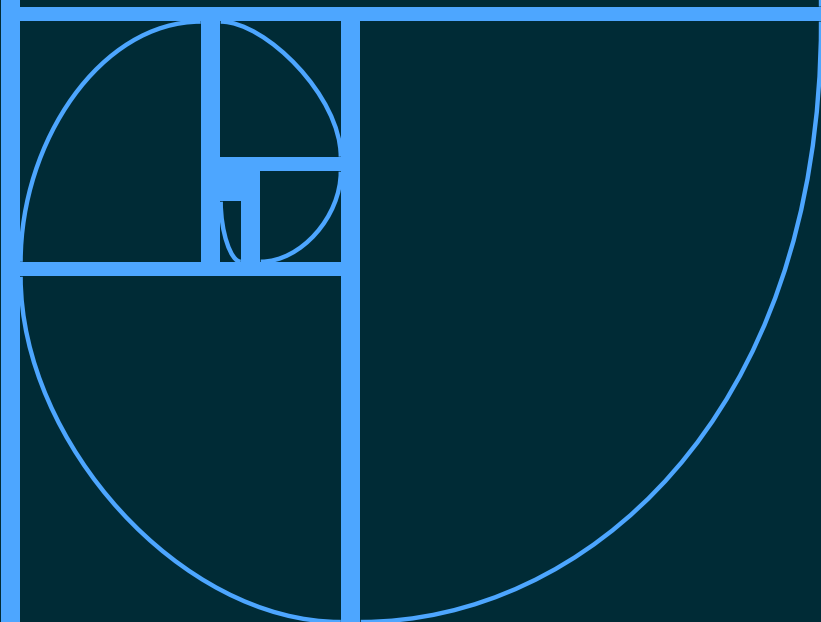

Overview

1 Site conditions

2 Results

3 Conclusion

What we measured

- Inclinometer readings across six boreholes
- Piezometric surface tracked over one wet season
- Rock mass rating (RMR) for the exposed cut face

Summary table

Borehole	Depth (m)	Factor of safety
BH-1	12.4	1.31
BH-2	9.8	1.05
BH-3	15.1	1.48

Table: Slope stability factor by borehole

Two columns

Observed

- Seasonal seepage on the east face
- Tension cracks near the crest

Recommended

- Sub-horizontal drains
- Toe buttress at BH-2

Next steps

1. Install drainage before the next wet season
2. Re-survey BH-2 quarterly