

Whitecliffs



Whitecliffs Erosion Threat

- Erosion of cliff presents a risk to the pipeline
- Regular UAV and Lidar monitoring of erosion mechanism has significantly improved understanding of threat
- Ultimately, pipeline relocation inland will be required, although current monitoring gives comfort that immediate risk is low
- Options to re-route inland are constrained by topography
- Operator has been seeking means to cost effectively minimise risk for remaining life of pipeline

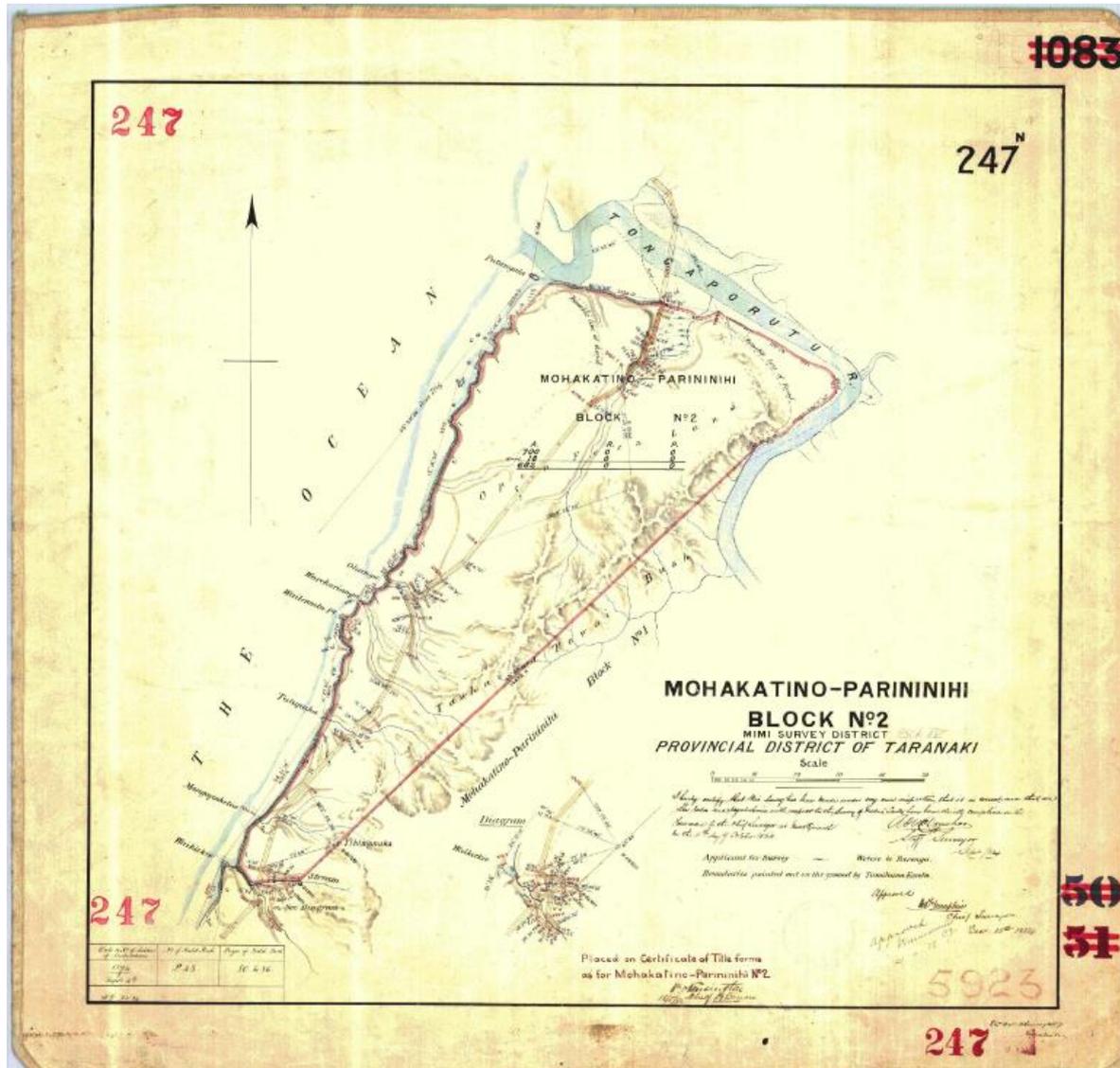


Whitecliffs Erosion Threat

- MDL has performed investigations to understand the risk, cost and options better
- Front end engineering and design (FEED) study has been completed
- This information has been shared with the buyer as part of the sale process
- Pipeline sale not seen as affecting the appropriate outcome being realised
- Optimized costs and schedule to be discussed further with regulators



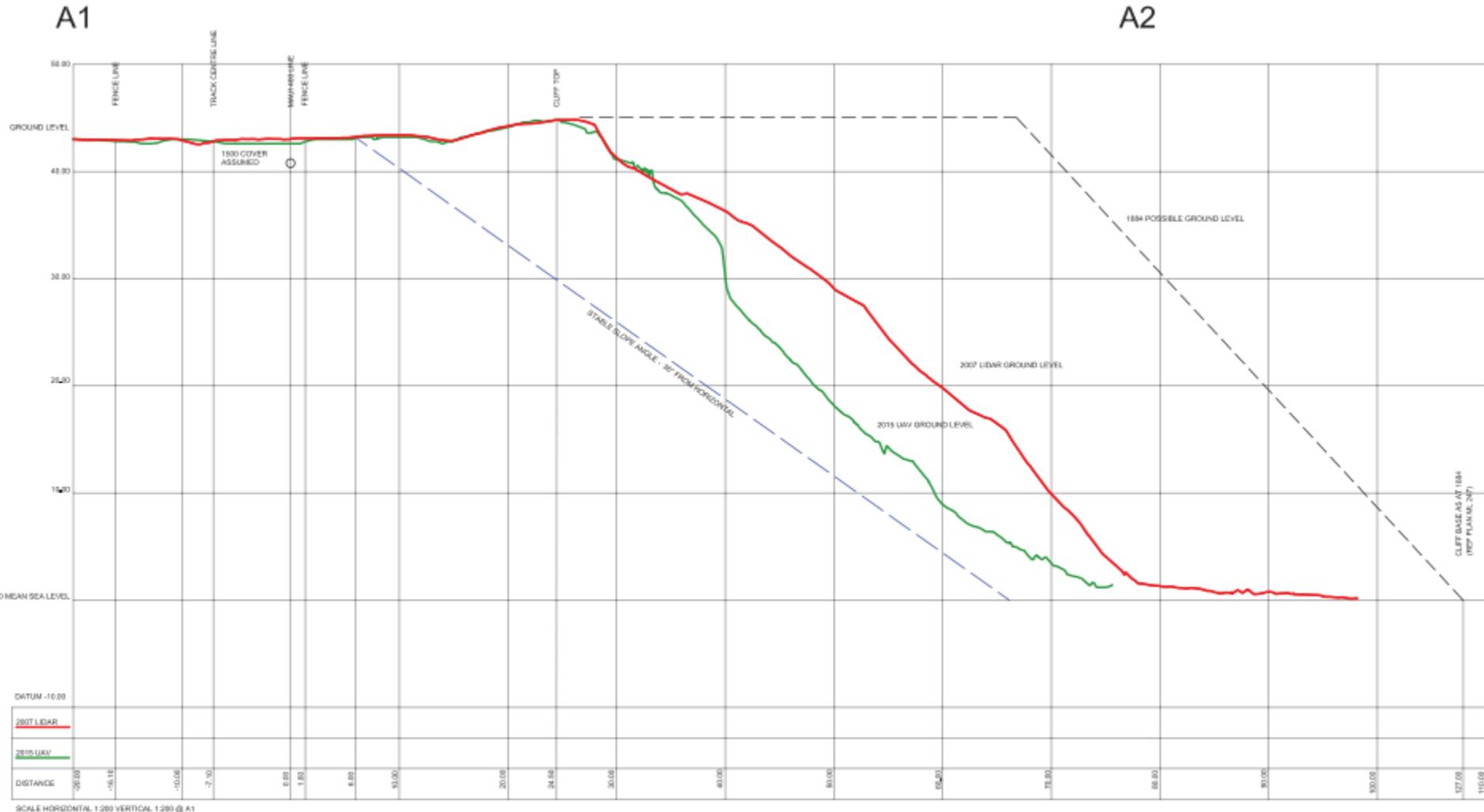
The land in question



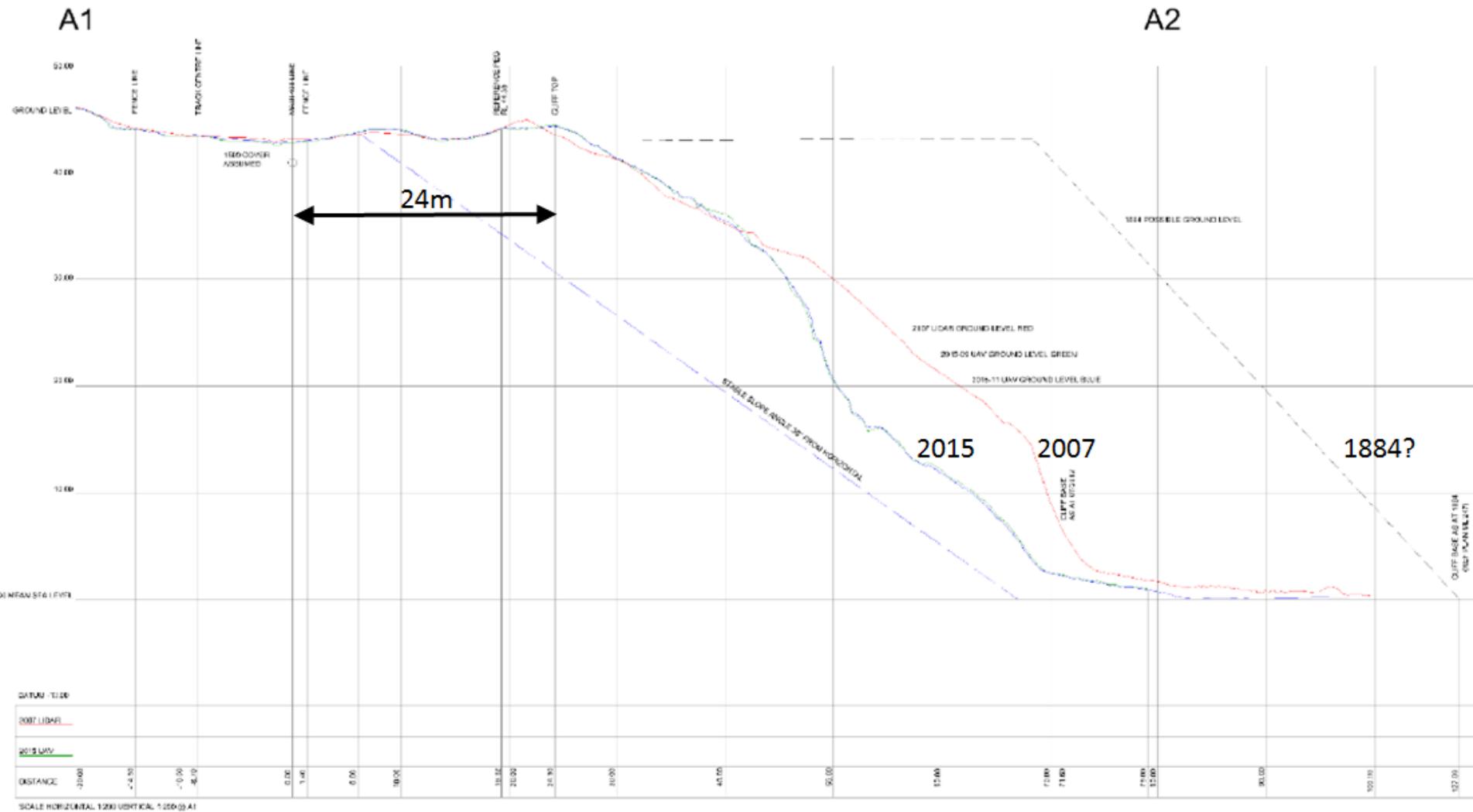
The Site



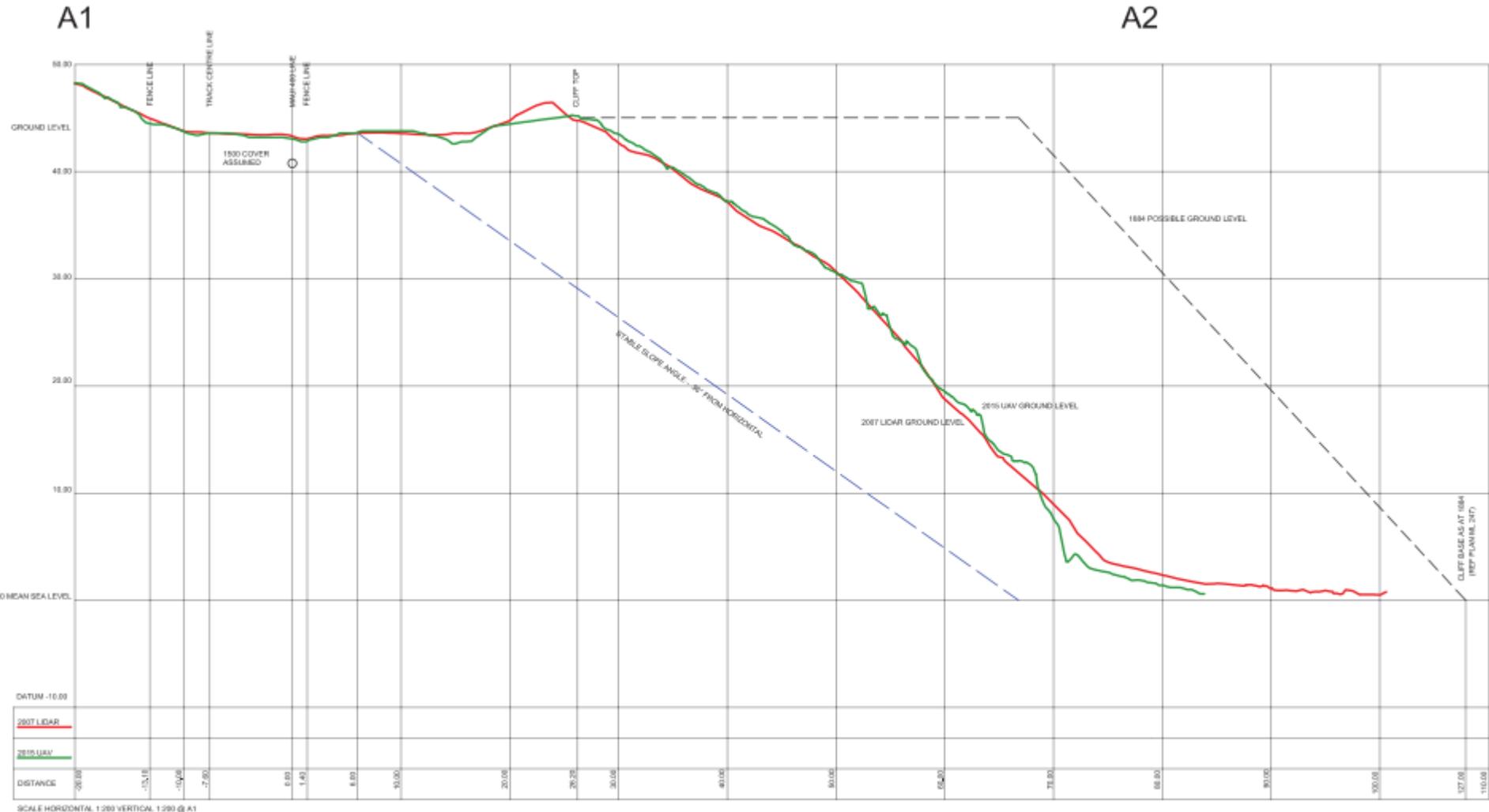
Cross-Section #1



Cross-Section #2



Cross-Section #3



SCALE HORIZONTAL: 1:200 VERTICAL: 1:200 @ A1



Whitecliffs Erosion Summary

- Erosion mechanism is understood and erosion is being closely and actively monitored, and risk assessed
- Permanent relocation likely to be scheduled to minimise risk and optimise cost
- Options analysis for potential solutions complete
- Right to access property has not yet been resolved
- First Gas will need to review the information provided and develop a position as part of their Asset Management Plan development

