

ROCKFALL PROTECTION WORK AT KSH MULTIMODAL LOGISTICS & INDUSTRIAL PARK AT PHASE II, MIDC CHAKAN

ENVIRONMENTAL/ SLOPE PROTECTION/ROCK ANCHORING

Product: DT mesh HEA Panel

Problem: As a part of land development , it was required to cut hill inside the plot vertically till the plot boundary. The vertical cut slope thus formed needs mitigation work against rock fall. The stretch length requiring treatment is 268 m & height of slope varies from 12 m to 21 m (above FGL)

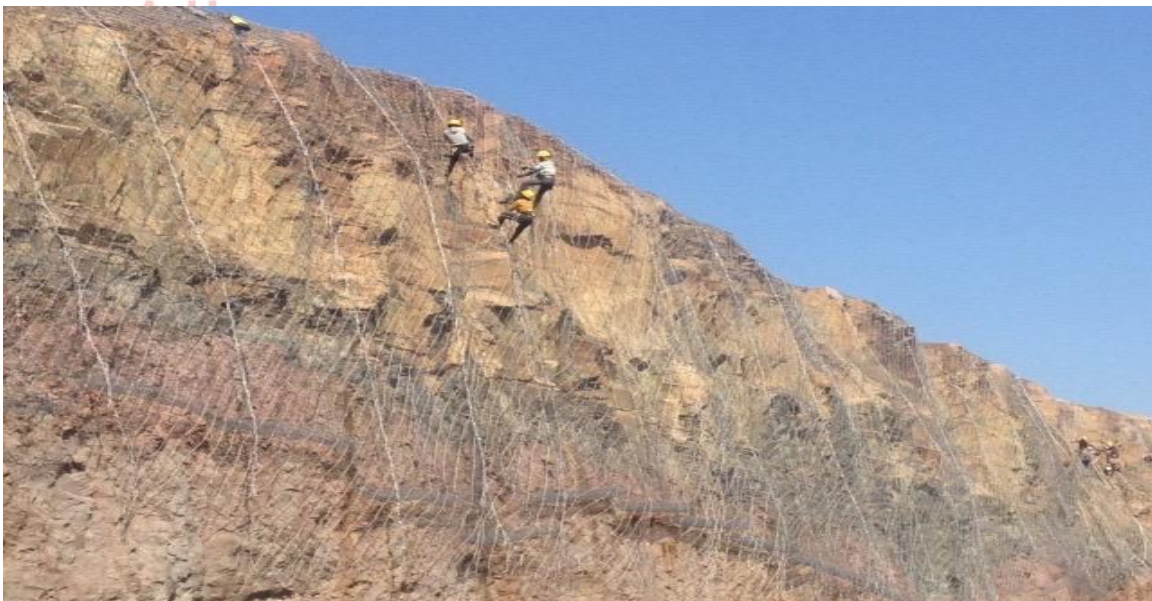


Picture:1
Site picture before application of rockfall netting

Solution: After site visit & detailed engineering analysis, the solution comprising HEA Panel (type-300x300) with 8mm rope wire diameter + DT Mesh in secured drapery system was designed by Maccaferri ,India.



Picture:02 Top Anchoring



Picture:03
Laying of HEA Panel and DT Netting

The structure has withstood 2 monsoons and loose rocks are seen to be trapped in the nets!



Fig:04 Completed structure