SINDANGAN-BAYOG-LAKEWOOD FLOOD CONTROL
LAKEWOOD, ZAMBOANGA DEL SUR, REGION IX, PHILIPPINES

Debris Flow Barriers

Problem

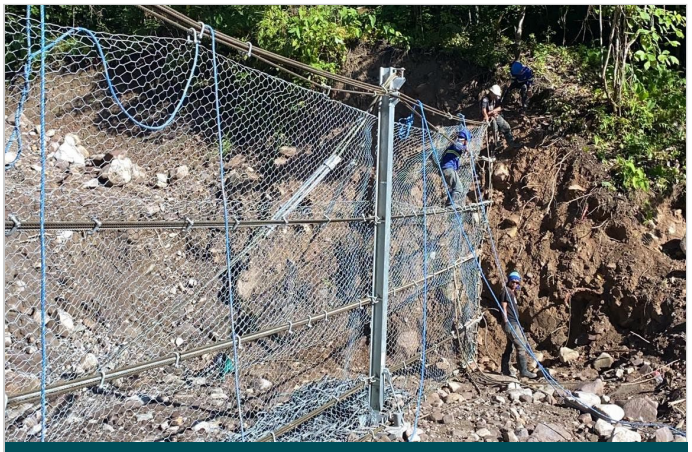
The Lakewood Municipality faces a potential threat of debris flow due to its proximity to the primary drainage system of the Mount Imbing basin. Numerous residential and public structures are at risk of being affected by debris flow unless appropriate measures are taken. Despite the inherent dangers, the DPWH engineers are diligently exploring and gathering potential solutions for mitigating debris flows. Maccaferri Philippines has introduced Debris Flow Barriers as a primary hazard mitigation strategy, which they have shared and presented for consideration.

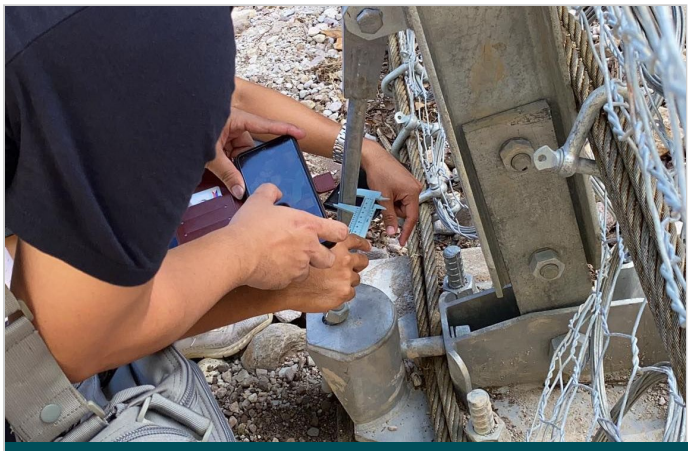
Solution

To address the significant risk faced by the community, Maccaferri Philippines has suggested the implementation of two tiers of Debris Flow Barriers, each with a strength of 160 Kpa. These barriers will be strategically constructed along the main channel of the Sindangan-Bayog-Lakewood Road. Their design is robust enough to effectively manage debris flow resulting from heavy flooding, thereby safeguarding the communities and public infrastructure against the potential devastation caused by a debris flow incident.

Client: DPWH Zamboanga Del Sur 2nd DEO
Designer / Consultant: DWPH Zamboanga Del Sur 2nd DEO
Contractor: ZMS Construction
Products used (Qty.)
- Debris Flow Barriers 2 units

Date of construction: 10/2023 - 01/2024
Google Maps Google Earth


During Installation


During Installation

MACCAFERRI



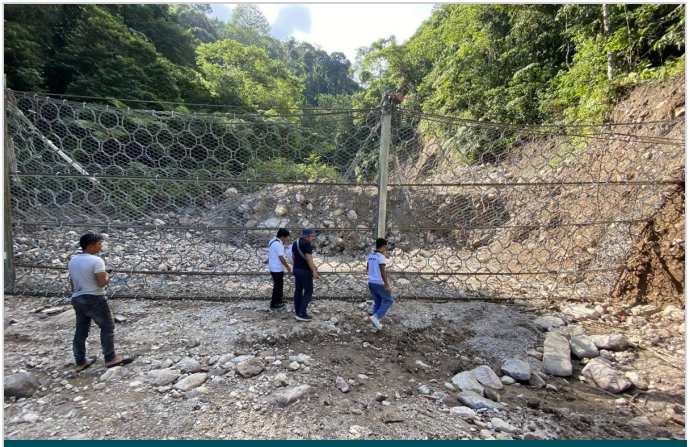
During Installation



Completion



Completion



Completion



Completion

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