

## Arrowhead Mudslide Remediation

Client: Alpine Ski Club

Year: 2012



### SERVICES PROVIDED

On March 14 and 15, 2012, a mudslide originating along the Arrowhead ski trail slid down the escarpment slope depositing approximately 4,000 m<sup>3</sup> of mud and debris at the base of the Alpine Ski Club (ASC) property. CCTA was retained to establish an immediate action plan to prevent further slides and develop a long-term remediation plan to stabilize the escarpment slope and reinstate the mud deposit area.

At the recommendation of CCTA, ASC initially excavated a diversion channel to redirect all surface runoff around the mud deposit area and stabilize the escarpment slope to prevent further slides. Next, ASC retained McGowan Construction Services to implement the long-term remediation plan designed by CCTA, including: placement of engineered fill and erosion control mats to stabilize the slopes, construction of a rip-rap channel to safely collect and convey surface runoff, remove the mud and debris, reinstate the mud deposit area, and other minor drainage improvements. Remediation of the site was substantially performed in November, 2012.

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