

# ABSEIL ACCESS LTD

## Reference Project

### Swing Bridge Construction

Location: Specimen Creek, Mokohinui-Lyell trail

Date: September 2012

Client: Mokohinui Lyell Backcountry Trust



Abseil Access Ltd NZ were chosen to supply a Design and Build swing bridge across Specimen Creek at the Mokohinui forks. The bridge would provide essential access on the new Old Ghost Road track.

The high rocky banks allowed for a swing bridge design which was raised a further 1m by extending the towers and building access ramps. The span is 24m long and the timber deck is 900mm wide.

Abseil Access joined forces with the local track building team to complete the foundations. On the True Left rocky ground was encountered which prevented a deadman style anchor. Drilling equipment was flown in and the design changed to 4m deep rock bolts.

The bridge is rated for 5 person and passed the load test of 1600kg.



ABSEIL ACCESS LTD  
15 Bute Street  
P.O. Box 10717, Wellington  
Phone and Fax: 04 801 5336  
[www.abseilaccess.co.nz](http://www.abseilaccess.co.nz)  
[info@abseilaccess.co.nz](mailto:info@abseilaccess.co.nz)

DJ Matheson 0274 449 774  
[djmatheson@abseilaccess.co.nz](mailto:djmatheson@abseilaccess.co.nz)

Martin Wilson 0274 495 408  
[mwilson@abseilaccess.co.nz](mailto:mwilson@abseilaccess.co.nz)