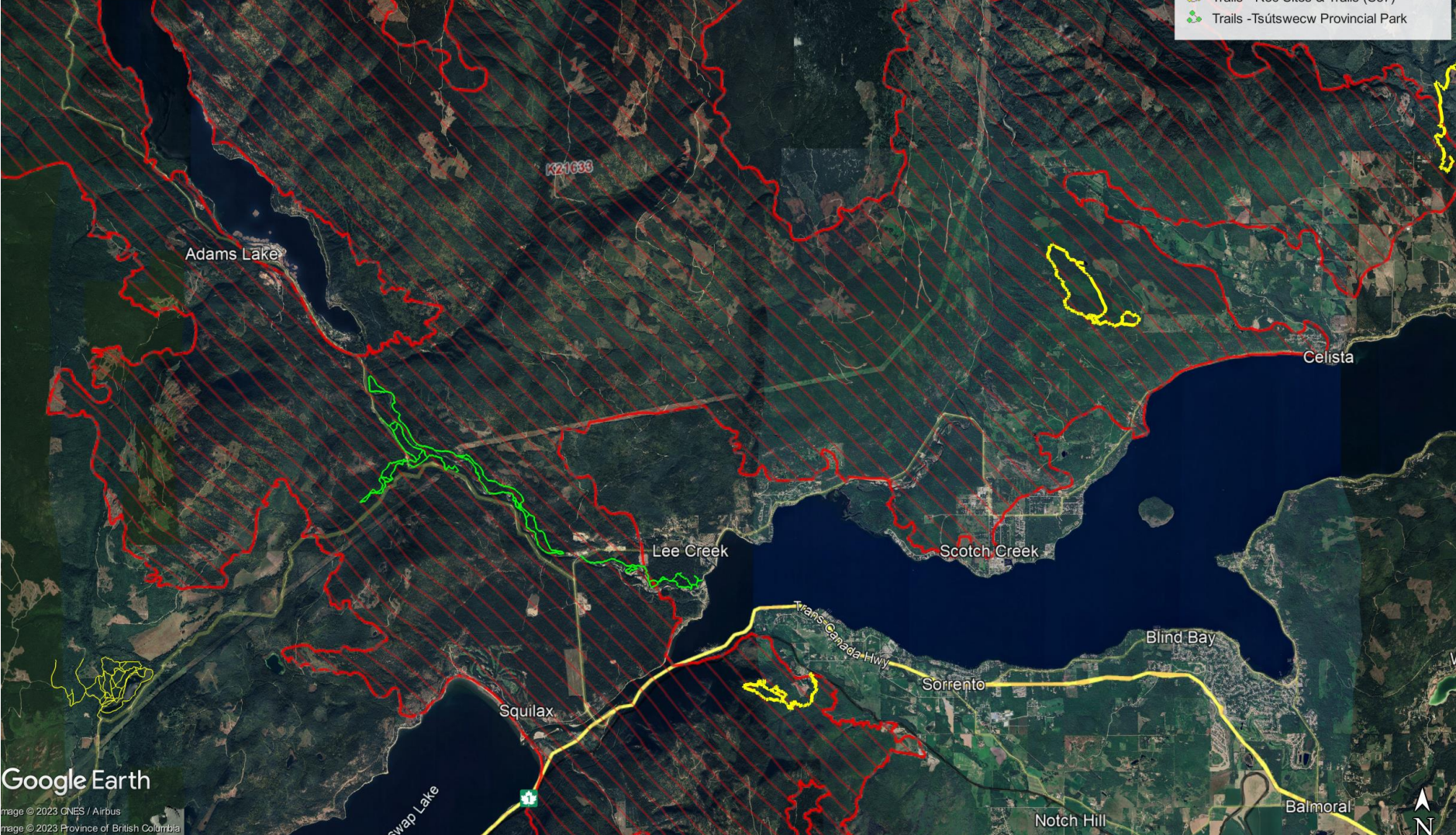


Wildfire Damage Assessment

Scotch Creek Hlina Lookout Trail
Mount Baldy Lookout Trail

Fire Perimeter & Area Trails

- Legend**
- Fire Perimeter (Adams Lake Complex)
 - Trails - Rec Sites & Trails (S57)
 - Trails - Tsútswecw Provincial Park



Google Earth

Image © 2023 CNES / Airbus
Image © 2023 Province of British Columbia



About the Trails

Scotch Creek Hlina Lookout Trail

- ❖ Located in the North Shuswap - Access from Scotch Creek Hlina FSR
- ❖ “*More to Most Difficult*” Rating
- ❖ Trail Distance 3.5 – 6 km (round trip with the Hlina Loop)
- ❖ Trail Activities: hiking, mountain biking, snowshoeing.

Mt Baldy Lookout Trail

- ❖ Located in the South Shuswap - Access from South Shore Place and Elson Road, Sorrento
- ❖ Mostly “*More Difficult*” Rating
- ❖ Trail Distance 3.3 km (one way to lookout) 7.6 km return via upper loop
- ❖ Trail Activities: hiking, mountain biking, snowshoeing.



Damage Assessment Overview

- **Assessment Goals and Objectives**
 - ❖ To understand the extent and severity of wildfire damage to trail systems
 - Describe, Quantify, and Map the Impacts
 - ❖ To develop trail restoration/ repair recommendations
 - Describe and map the needed trail repairs to restore use to the full range of recreation activities

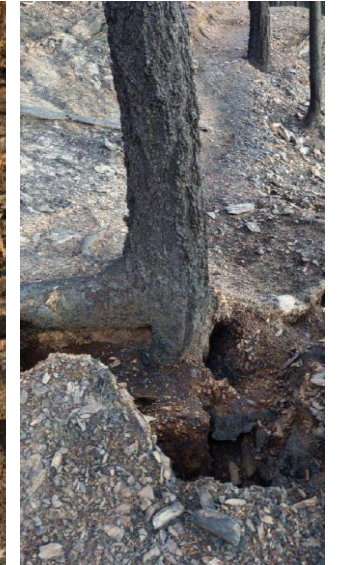
Assessment Approach

- ❖ Designed a Damage Survey Form (ESRI Survey123)
- ❖ Assessed trail systems based on all recreational trail use activities (hiking, mountain biking, snowshoeing, etc.)
- ❖ Compiled assessment results
- ❖ Prepared report and maps describing trail restoration/ repair strategies

The screenshot shows a mobile application interface for a survey form titled "Mt Baldy Post-Fire Assessment". The form is displayed on a screen with a status bar at the top showing the time as 11:55 AM on Friday, November 24, and a battery level of 82%. The form fields are as follows:

- Section end (waypoint)**: A text input field.
- Trail length (m)**: A text input field.
- Trail condition**: A radio button selection with four options: Poor, Fair, Good, and Other.
- Trail maintenance required**: A text input field.
- Trail feature # (waypoint)**: A text input field.
- Trail feature description**: A text input field with a dropdown arrow on the right.
- Trail feature dimensions (m)**: A text input field.
- Trail feature condition**: A radio button selection with two options: Pass and Fail.
- Trail feature maintenance required**: A text input field.

A green checkmark icon is visible in the bottom right corner of the form, indicating that the form has been successfully submitted.



Scotch Creek Hlina Lookout Trail
Field Assessment - Trail Conditions and Hazards

Scotch Creek Hlina Lookout

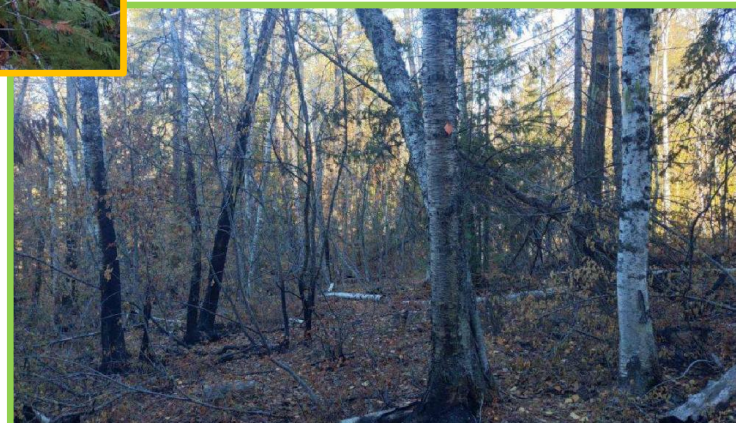
Wildfire Trail Damage Results



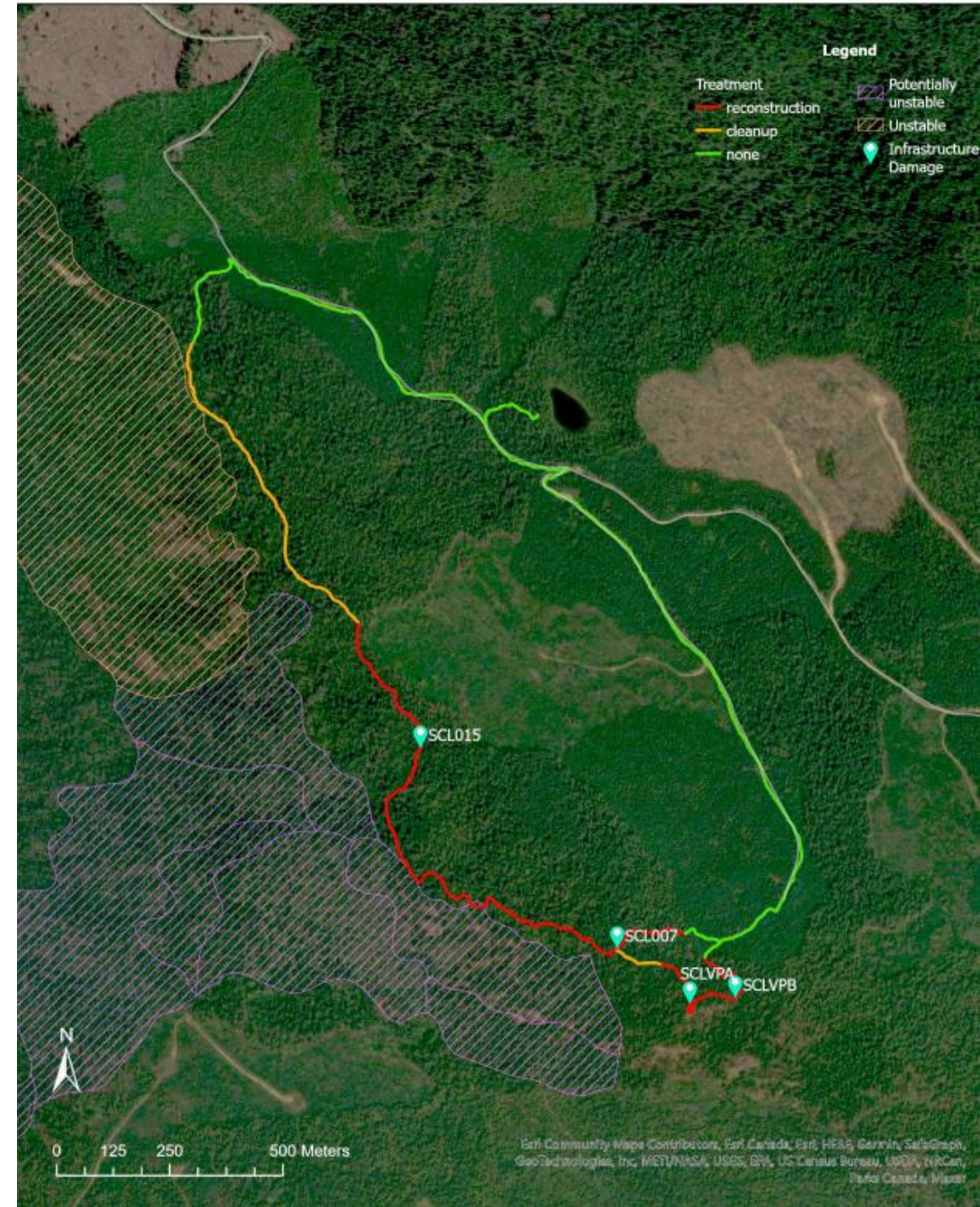
2 km for trail reconstruction



1 km for trail clean up



3 km no treatments needed





Damaged gate and fencing



Viewpoint 2



Mount Baldy Trail Field Assessment - Trail Conditions and Hazards



Mount Baldy

Wildfire Trail Damage Results

Mount Baldy Trail



Mitigating Trail Hazards

- ❖ Danger Tree Assessments and Treatments, particularly near viewpoints
- ❖ Clearing trails of downed trees, vulnerability in gullies
- ❖ Replacing damaged boardwalks
- ❖ Consider possible new routes to avoid reconstruction on steep slopes
- ❖ Repair livestock fencing





Questions