



DETAILED AVALANCHE INVOLVEMENT REPORT

DATE (year, month, date) _____

TIME (hour, min) _____ : _____ (24 hr clock)

LOCATION Area _____
Slope, avalanche path _____

STARTING ZONE

Elevation (m) _____

Incline (degrees) _____

Ground Cover prior to event (check)

- smooth
- rocky
- glacier
- dense forest
- open forest
- not known

Aspect (e.g., NW) _____

Avalanche started at (check)

- ridge
- cornice
- middle slope
- middle slope, convex
- rocks
- not known

TRACK

Confinement (check one)

- Open Slope
- Channel

Incline (degrees) _____

Aspect (e.g., NW) _____

RUNOUT ZONE

Elevation (m) _____

Ground Cover prior to event (check)

- smooth
- dense forest
- open forest
- creek bed
- other
- not known

Incline (degrees) _____

START OF AVALANCHE

Failure type (check one)

- loose snow
- slab
- unknown

Bed surface

Grain form _____

Grain size _____

Date buried _____

(yyymmdd)

Bed Surface (check one)

- new snow
- old snow
- ground
- ice
- unknown

Fracture dimensions (If failure type is SLAB):

Thickness, Average (0.1 m) _____ • _____

Thickness, Maximum (0.1 m) _____ • _____

Width (m) _____

SNOW CONDITIONS

Note features of the snowpack layering significant for avalanche release.
 Append a snow profile taken closest to the time of the avalanche.
 If possible, append a fracture line profile.

PEOPLE IN AVALANCHE

	Caught	Partially buried	Buried	Injured	Dead	Recovery Method	Time of Recovery (hhmm)	Burial Depth (m)	Position in avalanche
P1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
P2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
P3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
P4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
P5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
P6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

(check where appropriate)

Rescue transceiver usage. Note frequency, kHz.

	2.275	457	Dual	None
P1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(check where appropriate)

Mode of Travel (check one)

- Ski
- On foot
- Snowmobile
- Road vehicle
- Snowboard
- Other (specify) _____

Activity (check one)

- Skiing
- Snowboarding
- Helicopter skiing
- Ski touring
- Mountain climbing
- Snowmobiling
- Other recreation
- Avalanche control
- Inside building
- In transit on road

Total number of people in party _____

Total number of people with rescue transceivers _____

VEHICLES IN AVALANCHE, include snowmobiles. (check where appropriate)

	Type	Trapped	Partially Buried	Buried	Damaged
V1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Estimated total loss from damage to vehicles \$ _____ , _____ •00

STRUCTURES DAMAGED

Building Function	Construction Type	Damaged	Destroyed
B1		<input type="checkbox"/>	<input type="checkbox"/>
B2		<input type="checkbox"/>	<input type="checkbox"/>
B3		<input type="checkbox"/>	<input type="checkbox"/>
B4		<input type="checkbox"/>	<input type="checkbox"/>

(check where appropriate)

Facility	Type	Number Damaged	Number Destroyed	Length of cable down (m)
Lift towers				
Bridge				
Machinery				
Fuel Tanks				

(check where appropriate)

Utilities	Type	Number Damaged	Number Destroyed	Length of line down (m)
Power line towers				
Telephone poles				

Estimated total loss from damage to buildings, facilities and utilities:
 \$ _____ , _____ , _____ • 00

FOREST

Area of forest destroyed (ha) _____ • _____
 Tree species _____

OTHER DAMAGE _____

CAUSE OF ACCIDENT

Describe how the people or vehicles came to be involved with the avalanche, i.e. how the accident happened. Add a sketch of the avalanche slope showing location of the people, vehicles and or objects.

RESCUE

Facilitated by

- Self rescue
- Survivors of the party
- Others in the area
- Organised rescue

Means of location:

- Object on surface
- Transceiver
- Probing
- Shovelling
- Dog
- Machines
- Other, Specify

Time when search started _____ : _____
 Number of searchers _____

ORGANISED RESCUE

Name of Organisation

.....

Coordinator (Rescue Leader)

Accident Site Commander

Name and Address of Reporter

.....

.....

ENCLOSURES

Include additional information that is available, such as:

- Weather observations in greater detail.
- Snow profiles.
- Map with the location of the avalanche.
- Sketch map of the avalanche path showing the location of people, objects and defence structures before and after the avalanche.
- Photographs.
- A copy of the report of the rescue organisation.

Please send to: NZ Mountain Safety Council
PO Box 6027, Wellington
Telephone: (04) 385-7162 Fax: (04) 385-7366
Email: info@mountainsafety.org.nz

Note: This information is intended for public education and information. It may be summarised and published by the NZMSC. The reporter's name will not be published.