

Mapping Unstable Ground

Simon Fraser University, Centre for Natural Hazard Research
April 15, 2011,
Halpern Centre, SFU, "urna#y

- >es+ "y 7 arc Andre, thou0h not in detail #y us for this (or'+
 - Cross1la'e photo0rammetry (as done to measure the lineaments and planar features in the roc'+
- hatis the roc' type,
- "edroc' is 0ranodiorite (ith some sills and volcanic deposits-
- as (or' done in the river do (nstream from the la'e,
- A hydrolo0ist from 7 inistry of the 5nvironments made some o#servations+

#ic\$ Roberts, SFU

Nic' descri#ed ho (they mapped the la'e shore that (as devastated #y the landslide-induced tsunami

Ric\$ Guthrie, !e%%era

Ric' descri#ed the Au0ust E, !1! 7 out 7 ea0re ?Capricorn Cree' B slide and de#ris flo (+ He tal 'ed a#out the issues of translatin0 hazard ' no (led0e into hazard potential and then into ris'+ . he lahar hazard of /illooet River (as used as a discussion point+

Questions and Comments:

Some discussion over the /illooet River lahar hazard analysis+

9oes the ener0y of fra0mentation slo (the flo (and shorten the runout,

- 7 ay#e+ . he material fra0mented very soon after initial failure+

. hree factors affect the de#ris flo (runout# (ater content, clay content and travel path+

9id ice melt to form frictionless surface,

- 9iscounted 0lacier meltin0 li'ely contri#uted to the initial failure+

/illooet River /ahar model #ased on empirical flo (models+

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"ert offered opportunity to Dojin Ris' Assessment Users : roup and the Canadian Hazus Users : roup+
Send him an email if you want to participate through online services and teleconference and face to
face meetings?#strui ' L nrcan+0c+caB+ See <http://www.nrc.ca/raucan/raucan.htm> : eoris'+info RAU : and CanHU : (or 'spaces for
some information+

WRAP-UP

.han' you to the presenters and participants for sharing their valuable time and ideas; hope you found
it useful and had a good time; if you have suggestions for other workshops like this next year, let me
know. Thanks to Nic' and John for their support to make this happen and to Maria for helping
spontaneously with the reception table and putting up posters+

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