

**MINISTRY OF FORESTS, LANDS AND NATURAL RESOURCE OPERATIONS,
POST-WILDFIRE RISK ANALYSIS – PRELIMINARY REPORT**

NOTE: The results given on this form are preliminary in nature and are intended to be a warning of potential hazards and risks. It is not a final risk analysis and further work may alter the conclusions. Please contact the author for more information.

FIRE: N70252 Skimmerhorn Mtn.		FIRE YEAR: 2012	DATE OF REPORT: 17 Jan 2013	
AUTHOR: Peter Jordan				
REPORT PREPARED FOR: Selkirk Resource District (Kootenay Lake FD), and Southeast Fire Centre				
FIRE SIZE, LOCATION, AND LAND STATUS: 53.6 ha. Fire is on steep slopes of Skimmerhorn Mtn, 1 to 2 km east of unincorporated community of Bountiful. Crown land.				
VALUES AT RISK: Three springs with domestic water licenses, at the base of the slope. Houses and farmland west of the springs.				
WATERSHEDS AFFECTED: Slope above Rykert Creek – poorly defined drainages which probably have little or no surface flow	TOTAL AREA 200 ha	AREA BURNED 53 ha	BURN SEVERITY 10% H, 40% M, 50% L (estimated from photos)	
SUMMARY OF HAZARDS AND RISKS: <u>Hazard:</u> possible small debris flows on steep slopes (65-90%) within burn - moderate. <u>Risks:</u> A. Water quality in springs – consequence is low. The springs are separated from the base of the slope by about 400m of gently sloping (10-30%) ridged terrain, and there is no surface water connection. Risk is therefore low. (see map attached) B. Risk to houses – consequence is very low. The houses are further separated from the base of the slope by flat land along Rykert Cr. Only one or two houses are east of Rykert Cr. The likelihood of a debris flow reaching any of the houses is extremely low. Risk is therefore very low.			HAZARD ¹	RISK ²
			M	L
			M	VL
1. Hazard = P(H), the probability of occurrence of a hazardous event 2. Risk = Partial risk P(HA) = P(H) × the probability of it reaching or affecting an element at risk				
FURTHER ACTIONS: none				
POTENTIAL MITIGATION: none				
COMMENTS: No field inspection was done. Information was obtained from maps and photos in Fire Centre files, and discussion with IC Ron Ewanyshyn.				
SIGNATURE: Peter Jordan, P.Geo.		ATTACHMENTS: maps and photo on following pages		

Southern Interior Forest Region, preliminary report form version 1.0, 22 July 2010



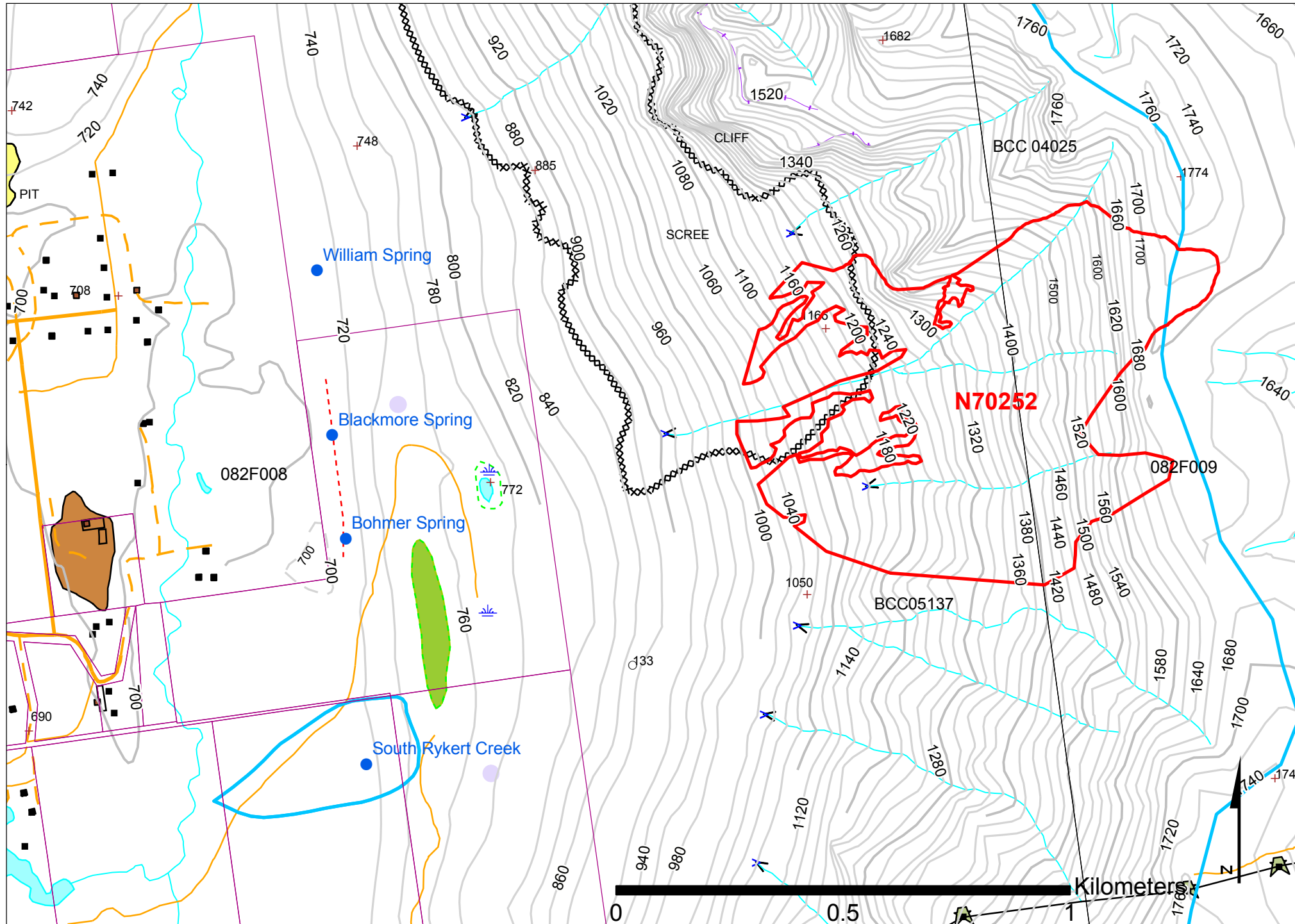
Aerial view of fire N70252. Photo DSCN1111, Southeast Fire Centre, 17 Aug 2012.

Maps attached:

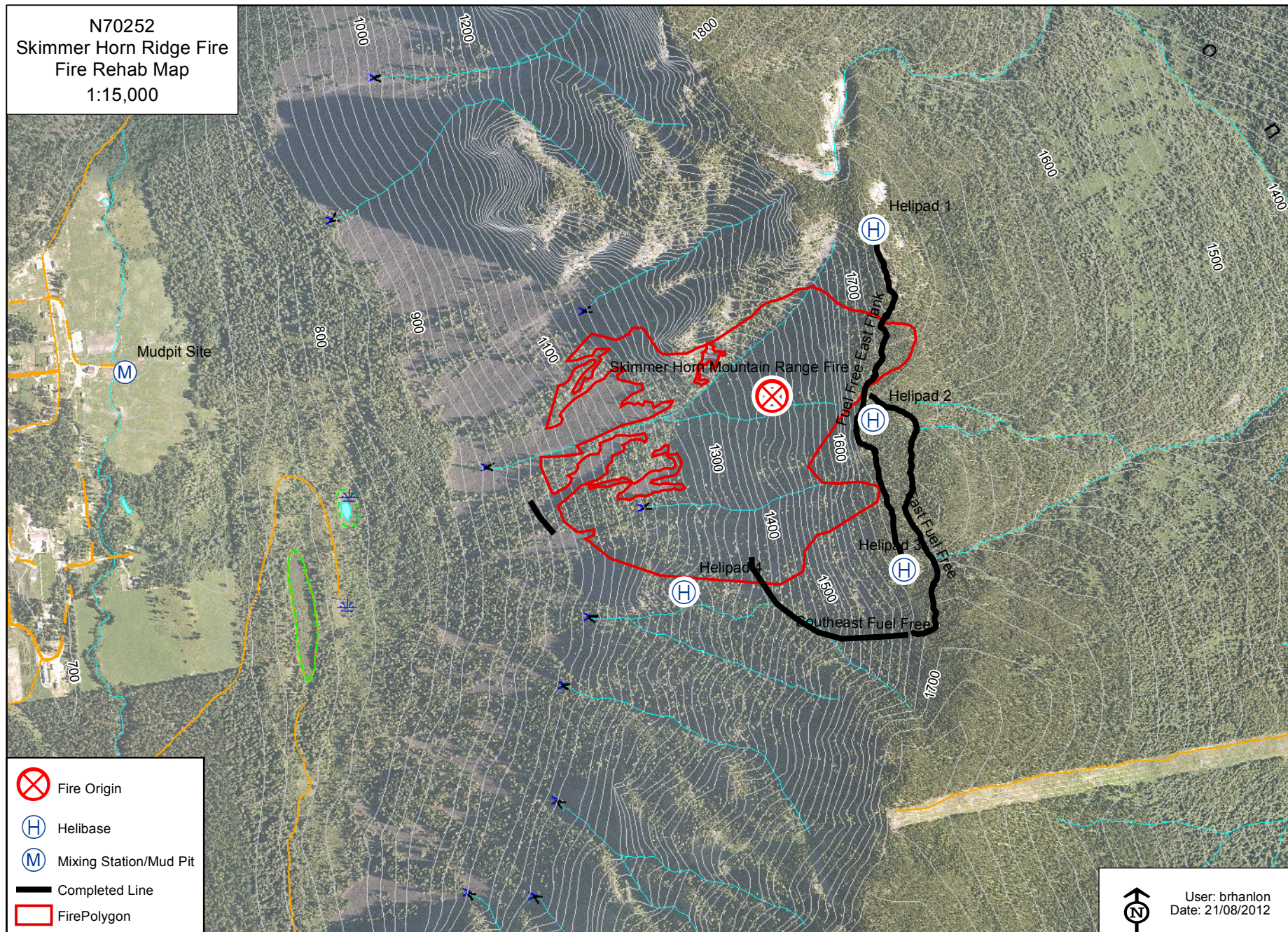
Fire_N70252_PJ_aug2012.pdf

N70252_Rehab_Aug202012_8-5x11.pdf

Fire 2012 N70252 Skimmerhorn Mountain 1 : 10,000



N70252
Skimmer Horn Ridge Fire
Fire Rehab Map
1:15,000



- Fire Origin
- Helibase
- Mixing Station/Mud Pit
- Completed Line
- FirePolygon

User: brhanlon
Date: 21/08/2012