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Dear Marilyn,

Introduction

On October 15, 2011, Dr. Salway flew down the southeast side of Perry Ridge, from Slocan to Vallican and observed the headwater areas of the creeks. Figure 1 is a copy of the Perry Ridge Local Resource Use Plan, showing all of the creeks. He also investigated the south end of the ridge and to a certain extent the northwest flank. Figure 2 shows the slope between McFayden and Talbot Creeks. Photographic documentation was obtained (Appendix 1). Appendix 2 contains 6 photographs, taken by government employees, a day after the March 12, 2007 Vallican slide, near the Vallican Whole. Appendix 3 contains 4 photographs of the same slide path, taken by Dr. Salway on July 23, 2008.

Headwaters of Perry Ridge Creeks

Photos 2 to 10 (Appendix 1) show the headwaters of Avis, Jerome, Hird, Benninger, Watson, Newcomen, McFayden and Talbot Creeks. These headwaters appear essentially undisturbed. Hird Creek headwaters are the largest and contained within an upper basin. Hird Creek headwaters were also viewed from the northwest side, looking easterly (Photos 15 and 16). It is important to note the existence of a number of tributaries, entrenched in the north side of the basin, some of which have exhibited signs of slides. The other headwaters are essentially the upper ends of narrow V-shaped gullies. Note also that Photo 17 shows the new blocks at the north end of the ridge. In particular, Block 3 is draped over the height of land towards the east. Photo 18 show the Slocan Valley bottom and the draped block.

South End of Perry Ridge

Figures 3 and 4 are Google Earth photographs showing the upper end logging and the lower slopes to the west of the Vallican Whole.

Logging Impacts

The south end of the ridge has old and new logging, the impact of which has been considerable. Photos 11 and 12 show a large swath on both sides of a logging road right of way. Photos 13 and 14 show a large new clearcut and a smaller, older cutblock, along with the associated roads.

Vallican Slide, March 12, 2007

Government photographs A to F (Appendix 2), taken on March 13, 2007, show the Vallican slide in some detail. Photos A, B and C detail the bottom of the debris flow gully, containing mud and surface flows. Photo D shows a house below the slide which was surrounded by the mud flow. Photo E shows the mud slide fan and Photo F shows dwellings that were also impacted by this slide.

Vallican Slide

Photos I to III, taken on July 23, 2008, show the lower reach of the gully and Photo IV shows the Vallican Whole. The Whole is a significant structure, located just east of the slide. This structure has been used, in the past, to house the Whole School.

Yours Truly

Dr. A. Salway, P.Geo.
IHP Ltd.

APPENDIX 1

AERIAL SURVEY PHOTOGRAPHS 1 TO 18

APPENDIX 2

MARCH 12, 2007, VALLICAN SLIDE PHOTOGRAPHS A TO F

APPENDIX 3

VALLICAN SLIDE PHOTOGRAPHS I TO IV