
To:	Nicola Banton KGHM Ajax Mine Kamloops, BC	From:	Peter Reid Stantec Consulting Ltd. Kamloops, BC
File:	123510762	Date:	March 25, 2016

Reference: **Response IR COK-SLR0051**

IR COK-SLR0051 dated 16/02/2016

Comment COK-SLR0051:

Appendix 10.1-A page 38: Does the currently-collected Ajax site windrose generally match the MM5/CALMET-extracted windrose at the same location for the period 2003-05? If so, this will provide more confidence in the local wind flow being modeled.

Response COK-SLR0051:

Figure1 shows 2015 measured and 2003-2005 MM5-CALMET predicted wind roses at Ajax Upwind station.

In both measured and predicted the dominant winds come from south, southwest and southeast for both. In both measured and predicted winds from the north and east are relatively infrequent.

The 2015 measured winds show more light winds (less than 2 m/s). The 2003-2005 MM5-CALMET predicted wind speeds >8 m/s are less frequent.

Generally speaking, both measured and predicted wind roses show reasonable agreement considering the complexity of the terrain. Some differences may be attributed to terrain features in the vicinity of the Ajax Upwind station that are smoothed out in the CALMET terrain files.

Reference: Response IR COK-SLR0051

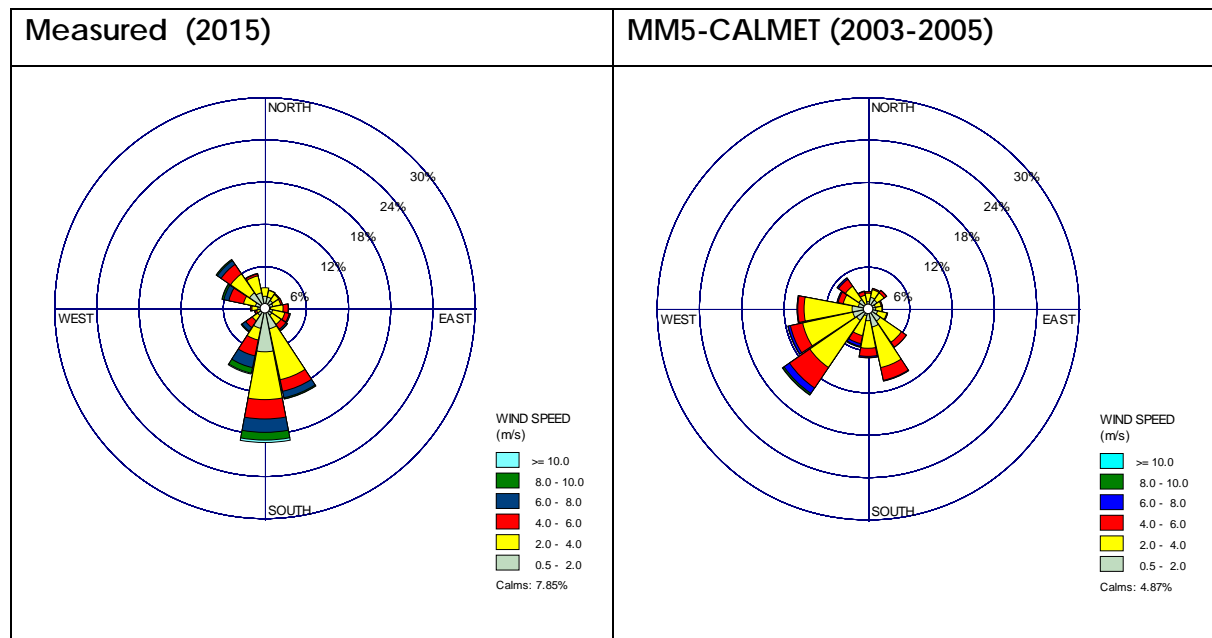


Figure 1. Comparison of Measured (2015) and Predicted (2003-2005) Wind roses at Ajax Upwind Station

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Attachment: Attachment

Design with community in mind

March 25, 2016

Nicola Banton

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c. C.C.