CORPORATION FINANCE MAIL STOP 7010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549-7010

February 8, 2007

Mr. Marek Kreczmer President and Chief Executive Officer Northwestern Mineral Ventures Inc. 36 Toronto Street, Suite 1000 Toronto, Ontario, Canada M5C 2C5

> Re: Northwestern Mineral Ventures Inc.

> > Form 20-F/A2 for the Fiscal Year Ended December 31, 2005

Filed February 1, 2007

Form 20-F/A1 for the Fiscal Year Ended December 31, 2005

Filed November 1, 2006

Form 20-F for the Fiscal Year Ended December 31, 2005

Filed June 30, 2006

Response Letters Dated November 1, 2006, October 27, 2006 and

January 31, 2007 File No. 000-50822

Dear Mr. Kreczmer:

We have completed our review of your Form 20-F and related filings and do not, at this time, have any further comments.

Sincerely,

Karl Hiller **Branch Chief**

Mr. James Berns, cc:

Berns & Berns