



A TETRA TECH COMPANY

February 23, 2012

Prosperity Goldfields Corp.
1166 Alberni Street – Suite 605
Vancouver, BC V6E 3Z3

ISSUED FOR USE
EBA FILE: C31101440.001

Via email: csiron@fullmetalmaterials.com

Confidential

Attention: Mr. Chris Siron

Dear Mr. Siron,

Subject: Kiyuk Lake Airstrip Conceptual Runway Design and Material Quantity Takeoffs

CONFIDENTIALITY STATEMENT

This document contains confidential commercial and technical information and must not be released in whole, or in part, to any third party without the express written consent of EBA Engineering Consultants Ltd. operating as EBA, A Tetra Tech Company.

Please find attached two drawings showing the conceptual runway design options for the proposed Kiyuk Lake airstrip. The Kiyuk Lake airstrip is being proposed to serve the Kiyuk Lake gold project during summer months when winter roads are no longer in use. The purpose of this work is to determine potential earthwork volumes required for upgrading the airstrip.

The two options, Option 1 – Cut to Fill (no permafrost) and Option 2 – Fill Only (permafrost option), exhibit conceptual runway profiles and associated material quantity takeoffs based on topographic survey of the proposed site provided to EBA Engineering Consultants Ltd. operating as EBA, A Tetra Tech Company (EBA) by Prosperity Goldfields Corp. The proposed site follows an esker to the east of Kiyuk Lake and is northeast of the Kiyuk Lake camp.

EBA would like to emphasize that this exercise is conceptual in nature and further comprehensive site investigations are recommended to establish the final configuration of the airstrip.

Items of note:

- Runway threshold coordinates have been provided based on latitude and longitude, provided in the survey file, and shall be confirmed;
- Survey limits constrained the fill slopes for Option 2 to 1V:5H. Option 1 is designed to the recommended slope of 1V:7H;
- No design aircraft is identified nor have local weather or ground conditions (prevailing winds, geotechnical, etc.) have been assessed for this location;
- Presence of permafrost conditions is not confirmed, the site is being reviewed by our Senior Project Geologist;

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- Refer to general notes on the attached drawings for a complete list of estimated earthwork volumes and conceptual design parameters.

We trust this submission meets your present requirements. Should you have any questions, or require additional information, please contact the undersigned.

Respectfully submitted,
EBA Engineering Consultants Ltd.



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Attachments (2): Design Option 1 – Cut to Fill
Design Option 2 – Fill Only

cc: Kevin Jones, P.Eng., Senior Project Director – Arctic Development

