

## 1.0 INTRODUCTION

Golder Associates Ltd. (Golder) was retained by Western Copper Corporation (WCC) to provide geotechnical design services for the Carmacks Copper Project. To facilitate preparation of the detailed design, a geotechnical site investigation program was carried out to assess foundation conditions beneath the proposed mine facilities, assess potential borrow source material availability and quality, and provide input for geotechnical design parameters. The investigation program utilized a combination of test pits and boreholes to inspect, sample and test conditions. The program was conducted in the summer and fall of 2007.

The following report provides a summary of the results from the site investigation, including observations of the surficial and subsurface soil and bedrock conditions, observations of frozen ground and ice, ground temperature data and laboratory results.

The scope of work for this investigation was limited to geotechnical aspects only. No investigation of soil or groundwater for environmental purposes or baseline evaluation was conducted as part of this investigation.

The reader is referred to the *Important Information and Limitation of this Report* included at the end of this report.

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