



# EMGOLD MINING CORPORATION

## IDAHO - MARYLAND TECHNICAL REPORT

### 2.0 INTRODUCTION

This Technical Report has been prepared for Emgold Mining Corporation (Emgold) to support information of a scientific and technical nature contained in Emgold's annual information form. This Technical Report is an update of information compiled in a 2002 Technical Report and a 2004 Preliminary Economic Assessment, both completed by Stephen Juras for AMEC. Since then, minor changes have occurred to the project and are described in each section of this report. The primary changes include a small increase by approximately three percent to the gold resources and progress in the project permitting. The 2004 report contained a preliminary assessment of a ceramics project in addition to definition of gold resources. The ceramics has been omitted from this report because of Emgold's decision to treat that subject separately in a future technical report, and its intention to separate and independently finance its 100% owned subsidiary, Golden Bear Ceramics Company as a separate and independently financed company. This updated 2009 Technical Report has been written to comply with disclosure and reporting requirements defined in National Instrument 43-101, Standards of Disclosure for Mineral Projects, Companion Policy 43-101CP, and Form 43-101F1.

### 2.1 Terms of Reference

This report has been prepared by Robert Pease, an employee of Emgold's subsidiary company, Idaho-Maryland Mining Corporation. Mr. Pease is also Chief Geologist and Qualified Person, as defined by National Instrument 43-101, for Idaho-Maryland Mining Corporation. He is not independent but serves as the Qualified Person on the Idaho-Maryland Project.

Information and data for the review and report preparation were obtained from the Idaho-Maryland project site where information is located and the Qualified Person is employed. Mr. Pease has access to the project data daily, and has inspected and used the historic data needed for preparation of this report. The primary sources of information are the 2002 Technical Report and the 2004 Preliminary Economic Assessment prepared by AMEC under the direction of Stephen Juras, Qualified Person for AMEC.

Permitting and land status information in Section 4 of this report were provided by the following people who are Qualified Persons and are not independent. The author is familiar with these issues and feels that the descriptions contained in Section 4 are accurate. Those people who assisted are:



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- David Watkinson, Professional Engineer (Ontario), President of Emgold Mining Corporation, provided the property description and information on the status of the permitting of the project.
- Patricia Nelson, Registered Environmental Assessor (California), investigated and reviewed matters pertaining to permitting in the State of California.

The Idaho-Maryland project is located in Grass Valley, California. The primary standard of measurement used in this report is the U.S. Standards of Measurement, as defined by the United States Department of Commerce, National Institute of Technology (NIST), in accordance with Appendix C of NIST Handbook 44. Appropriate metric conversions have been provided in parentheses. All grades are expressed in ounces per ton using the conversion factor 1 oz/ton = 34.287 g/tonne.