



EMGOLD MINING CORPORATION

IDAHO - MARYLAND TECHNICAL REPORT

20.0 RECOMMENDATIONS

The current phase of work on the Idaho-Maryland Mine Project consists of gold exploration and mine development planning using historic data. The following updated recommendations for the project address the needs to complete this phase of work:

1. The general geologic model of the Idaho-Maryland and New Brunswick gold deposits is well understood and will be a useful exploration and development guide. Using this model and the historic data, Emgold should assess the inter-relationships of the primary and secondary veins and other mineralized zones in more detail than has been done before. This information could then be used for mine development planning. This work may take approximately three months to complete and would be accomplished by Emgold employees.
2. Emgold's geology staff has been preparing a computerized geologic model of the Idaho-Maryland and New Brunswick gold deposits using historic data. It is estimated that the current vein model is approximately 60 percent complete. Emgold should complete this computerized geologic model to include veins, stringer zones, mineralized wall rocks, faults, lithologic units and alteration zones, for use in mine development and exploration planning. This work could take an estimated two years to complete and would be accomplished by Emgold employees.
3. The existing gold resource blocks and exploration targets that have been defined within the Idaho-Maryland and New Brunswick gold deposits will be very useful to guide future exploration but many (particularly above the Idaho 2000 level) are scattered throughout the deposits and therefore may not be contiguous enough for mine development. Emgold's geology staff has been updating and computerizing the gold resource model and is currently modeling the veins, stringer zones, and mineralized wall rocks around the veins with the intent of developing a revised NI 43-101-compliant gold resource estimate. One goal of the next technical report should be to delineate new and contiguous gold resource blocks within individual vein systems for use in mine planning. This report would utilize geostatistical analysis to assign grades to the veins and stringer zones, and to classify the resources as measured, indicated, and inferred. Most work can be accomplished by Emgold employees although independent consultants would be used to review and assist with the evaluation and preparation of the resource estimate and technical report.
4. Following modeling of historic data, environmental studies and permitting, Emgold's next phase of work would be to conduct underground exploration drilling and sampling. In preparation for this, and after completion of a new



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gold resource estimate and technical report, Emgold should develop a Preliminary Economic Assessment Report for a potential underground gold development and mining project. Although based on historic data, this report would provide preliminary costs on project details such as construction and/or repair of shafts and development drifts, plus exploration/development drilling and sampling. Some of the work would be accomplished by Emgold employees but independent consultants would review and assist with the preparation of the assessment. The combined reports, including both the technical report and preliminary economic assessment, would take approximately four months to complete at an estimated cost of \$250,000.

5. Emgold should continue to define gold resource blocks from historic mine and drill data to use as future exploration targets. This task would be separate from the updated resource modeling described above, because that work would be used for mine planning purposes. This exploration-focused resource definition should assume the same criteria including thickness and cutoff grade that was used in the 2002 technical report. This work would be ongoing and would be accomplished by Emgold's technical staff.
6. The assay log books reviewed in 2009 contain additional data not listed on assay maps. This new data has not yet been used in any resource calculations, and prior to using this data, an independent review should be conducted to determine if it is usable. At the same time independent review would verify the accuracy of those specific assays listed on the maps. This study would take approximately 80 hours to complete at an estimated cost of \$10,400.



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21.0 REFERENCES

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