



ERDENE RESOURCE DEVELOPMENT CORP.

For Immediate Release

ERDENE ACQUIRES SHARES OF ADVANCED PRIMARY MINERALS CORP.

August 6, 2010 – Halifax, Nova Scotia - Erdene Resource Development Corporation ("Erdene") ("TSX: ERD") would like to announce that it acquired 2,333,333 common shares ("Shares") of Advanced Primary Minerals Corporation ("APM") (or 8.9% of the issued and outstanding Shares) at \$0.15 per Share under a private placement offering announced by APM on June 28, 2010 (the "Offering"). In addition, Erdene acquired an additional 2,527,340 Shares (or 9.6% of the issued and outstanding Shares) pursuant to a debt settlement transaction (the "Transaction") in settlement of CAD \$379,101 in existing debt owed by APM to Erdene. Following the closing of the Offering and the Transaction, Erdene holds 15,717,748 (59.68%) of APM's issued and outstanding Shares. Erdene acquired the Shares issued under the Offering and the Transaction for investment purposes only and has no current intent of acquiring any further securities of APM other than under an agreement between Erdene and APM pursuant to which an additional 5,142,857 Shares are to be issued by APM to Erdene provided certain permits are obtained by APM by February 27, 2012.

About ERD

Erdene Resource Development Corp. is a diversified resource company with multiple projects at various stages of development from exploration to production. All projects are focused on high-growth commodities. These projects include a 25% interest in Xstrata's eastern Canadian Donkin Coking Coal Project, a 100% interest in the large tonnage Zuun Mod Molybdenum Project in Mongolia, a royalty interest in a developing construction material project in the United States as well as a 59.68% equity interest in TSX-V listed APM. Erdene has a current working capital position of approximately \$11.3 million, including that of APM, with 89,230,877 common shares issued and outstanding and a fully diluted position of 93,034,877 common shares.

Forward-Looking Statements

Certain information regarding Erdene contained herein may constitute forward-looking statements within the meaning of applicable securities laws. Forward-looking statements may include estimates, plans, expectations, opinions, forecasts, projections, guidance or other statements that are not statements of fact. Although Erdene believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to have been correct. Erdene cautions that actual performance will be affected by a number of factors, most of which are beyond its control, and that future events and results may vary substantially from what Erdene currently foresees. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration results, continued availability of capital and financing and general economic, market or business conditions. The forward-looking statements are expressly qualified in their entirety by this cautionary statement. Discussion of the various factors that may affect future results is contained in Erdene's Annual Information Form dated March 29, 2010, which is available at www.sedar.com. The information contained herein is stated as of the current date and subject to change after that date. The Corporation does not assume the obligation to revise or update forward-looking statements, except as may be required under applicable securities laws.

**NO REGULATORY AUTHORITY HAS APPROVED OR DISAPPROVED THE CONTENTS OF THIS
RELEASE**

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