

CLIFFS NATURAL RESOURCES INC.

FORM FWP

(Free Writing Prospectus - Filing under Securities Act Rules 163/433)

Filed 03/10/10

Address	200 PUBLIC SQUARE STE. 3300 CLEVELAND, OH 44114-2315
Telephone	216-694-5700
CIK	0000764065
Symbol	CLF
SIC Code	1000 - Metal Mining
Industry	Metal Mining
Sector	Basic Materials
Fiscal Year	12/31

CLIFFS NATURAL RESOURCES INC.

Pricing Term Sheet

\$400,000,000 5.900% Notes due 2020

Issuer:	Cliffs Natural Resources Inc.
Size:	\$400,000,000
Maturity:	March 15, 2020
Coupon (Interest Rate):	5.900%
Yield to Maturity:	5.977%
Spread to Benchmark Treasury:	T+225 bps
Benchmark Treasury:	3.625% due February 15, 2020
Benchmark Treasury Price and Yield:	99-05 / 3.727%
Interest Payment Dates:	March 15 and September 15, commencing September 15, 2010
Redemption Provision:	T+35 bps
Price to Public:	99.427%
Settlement Date:	T+5; March 17, 2010
CUSIP / ISIN	18683K AA9 / US18683KAA97
Ratings*:	Baa3 (stable) by Moody's Investors Service, Inc. / BBB- (stable) by Standard & Poor's Ratings Services
Joint Book-Running Managers	Banc of America Securities LLC J.P. Morgan Securities Inc.
Co-Managers	Fifth Third Securities, Inc KeyBanc Capital Markets Inc. PNC Capital Markets LLC RBS Securities Inc.

***Note: A securities rating is not a recommendation to buy, sell or hold securities and may be subject to revision or withdrawal at any time.**

The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the

prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC Web site at www.sec.gov. Alternatively, Banc of America Securities LLC and J.P. Morgan Securities Inc. can arrange to send you the prospectus if you request it by calling Banc of America Securities LLC at 1-800-294-1322, or calling J.P. Morgan Securities Inc. collect at 1-212-834-4533.