CLIFFS NATURAL RESOURCES INC.
Form 424B5
September 15, 2010
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Filed Pursuant to Rule 424(b)(5)
Registration No. 333-165376

The information in this preliminary prospectus supplement is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities and we are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to completion, dated September 15, 2010

Preliminary Prospectus Supplement

To Prospectus dated March 10, 2010

$

Cliffs Natural Resources Inc.

$ % Senior Notes due 20

$ % Senior Notes due 20

We are offering $ aggregate principal amount of % senior notes due 20 , which we refer to in this prospectus supplement as our 20 senior notes, and $ aggregate principal amount of % senior notes due 20 , which we refer to in this prospectus supplement as our 20 senior notes. We collectively refer to both series of notes offered hereby as our notes.

We will pay interest on the notes on and of each year, beginning on , 2011. The 20 senior notes will mature on , 20 , and the 20 senior notes will mature on , 20 . The notes will be issued only in denominations of $2,000 and integral multiples of $1,000 above that amount.

We have the option to redeem some or all of the notes at any time and from time to time, as described under the heading Description of the Notes Optional Redemption. If a change of control triggering event occurs, we will be required to offer to purchase the notes at a purchase price equal to 101% of their principal amount, plus accrued and unpaid interest, if any, to the date of purchase. See Description of the Notes Change of Control Triggering Event.

The notes will be our senior unsecured obligations and will rank equally with all of our other existing and future senior unsecured and unsubordinated indebtedness, but will be effectively junior to any secured indebtedness which we may incur in the future. The notes will not be the obligation of any of our subsidiaries. For a more detailed description of the notes, see Description of the Notes.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the notes or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

See Risk Factors beginning on page S-9 of this prospectus supplement and the risk factors contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2009 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2010 and June 30, 2010, which are incorporated by reference herein, for a discussion of certain risks that you should consider in connection with an investment in the notes.

	Per 20 Senior Note	Total	Per 20 Senior Note	Total
Public Offering Price(1)	%	$	%	$
Underwriting Discount	%	$	%	$
Proceeds to us (before expenses)(1)	%	$	%	$

(1) Plus accrued interest, if any, from , 2010.

The notes will not be listed on any securities exchange. Currently, there is no public market for the notes.

The underwriters expect to deliver the notes to purchasers through the book-entry delivery system of The Depository Trust Company for the benefit of its participants, including Euroclear Bank S.A./N.V. and Clearstream Banking, société anonyme, on or about , 2010.

Joint Book-Running Managers

BofA Merrill Lynch **J.P. Morgan**

, 2010

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About This Prospectus Supplement

We provide information to you about this offering in two separate documents. The accompanying prospectus provides general information about us and the securities we may offer from time to time, some of which may not apply to this offering. This prospectus supplement describes the specific details regarding this offering. Generally, when we refer to the prospectus, we are referring to both documents combined. Additional information is incorporated by reference in this prospectus supplement. If information in this prospectus supplement is inconsistent with the accompanying prospectus, you should rely on this prospectus supplement.

We have not authorized anyone to provide any information other than contained or incorporated by reference in this prospectus supplement or in any free writing prospectus prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. You should not assume that the information contained in this prospectus supplement, the accompanying prospectus or any document incorporated by reference is accurate as of any date other than the date mentioned on the cover page of these documents. We are not, and the underwriters are not, making offers to sell the securities in any jurisdiction in which an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation.

References in this prospectus supplement to the terms we, us, the Company or Cliffs or other similar terms mean Cliffs Natural Resources Inc. and its consolidated subsidiaries, unless we state otherwise or the context indicates otherwise. As used in this prospectus supplement, the term ton means a long ton (equal to 2,240 pounds) when referring to our North American Iron Ore business segment, the term ton means a short ton (equal to 2,000 pounds) when referring to our North American Coal business segment and the term tonne means a metric ton (equal to 1,000 kilograms or 2,205 pounds).

Where You Can Find More Information

We are subject to the informational reporting requirements of the Securities Exchange Act of 1934. We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available over the Internet at the SEC s website at www.sec.gov. You may read and copy any reports, statements and other information filed by us at the SEC s Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call 1-800-SEC-0330 for further information on the Public Reference Room. You may also inspect our SEC reports and other information at the New York Stock Exchange, 20 Broad Street, New York, New York 10005, or at our website at www.cliffsnaturalresources.com. The information contained on or accessible through our website is not part of this prospectus supplement, other than the documents that we file with the SEC that are incorporated by reference in this prospectus supplement or the accompanying prospectus.

Information We Incorporate By Reference

The SEC allows us to incorporate by reference into this prospectus supplement the information in documents we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus supplement and information that we file later with the SEC will automatically update and supersede this information. Any statement contained in any document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus supplement to the extent that a statement contained in or omitted from this prospectus supplement, or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement.

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We incorporate by reference the documents listed below and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act until the completion of the offering of securities described in this prospectus supplement:

- our Annual Report on Form 10-K for the year ended December 31, 2009;
- our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2010 and June 30, 2010; and
- our Current Reports on Form 8-K, as filed with the SEC on January 13, 2010, January 25, 2010, February 3, 2010, March 10, 2010, March 12, 2010, March 16, 2010, May 12, 2010, May 14, 2010, May 25, 2010, June 2, 2010, June 7, 2010, June 16, 2010, June 28, 2010, July 6, 2010, July 7, 2010, July 15, 2010, July 20, 2010, July 27, 2010, August 2, 2010, August 6, 2010, September 14, 2010 and September 15, 2010.

We will not, however, incorporate by reference in this prospectus supplement any documents or portions thereof that are not deemed filed with the SEC, including any information furnished pursuant to Item 2.02 or Item 7.01 of our current reports on Form 8-K unless, and except to the extent, specified in such current reports.

You may obtain copies of these filings without charge by requesting the filings in writing or by telephone at the following address.

Cliffs Natural Resources Inc.

Investor Relations

200 Public Square

Suite 3300

Cleveland, Ohio 44114

Telephone Number: (216) 694-5700

Disclosure Regarding Forward-Looking Statements

This prospectus supplement and the accompanying prospectus, including the documents incorporated by reference, contain statements that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements may be identified by the use of predictive, future-tense or forward-looking terminology, such as believes, anticipates, expects, estimates, intends, may, will or similar terms. These statements speak only as of the date of this prospectus supplement or the date of the document incorporated by reference, as applicable, and we undertake no ongoing obligation, other than that imposed by law, to update these statements. These statements appear in a number of places in this prospectus supplement, including the documents incorporated by reference, and relate to, among other things, our intent, belief or current expectations of our directors or our officers with respect to: our future financial condition, results of operations or prospects; estimates of our economic iron ore and coal reserves; our business and growth strategies; and our financing plans and forecasts. You are cautioned that any such forward-looking statements are not guarantees of future performance and involve significant risks and uncertainties, and that actual results may differ materially from those contained in or implied by the forward-looking statements as a result of various factors, some of which are unknown, including, without limitation:

- the impact of the current global economic crisis, including downward pressure on prices;
- trends affecting our financial condition, results of operations or future prospects;

the ability to reach agreement with our iron ore customers regarding modifications to sales contract pricing escalation provisions to reflect the migration from annual international benchmark prices to a quarterly or spot-based pricing mechanism;

the outcome of any contractual disputes with our customers;

the ability of our customers to meet their obligations to us on a timely basis or at all;

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our actual economic iron ore and coal reserves;

the success of our business and growth strategies;

our ability to successfully identify and consummate any strategic investments;

adverse changes in currency values;

the outcome of any contractual disputes with our significant energy, material or service providers;

the success of our cost-savings efforts;

our ability to maintain adequate liquidity and successfully implement our financing plans;

our ability to maintain appropriate relations with unions and employees;

uncertainties associated with unanticipated geological conditions related to underground mining;

the potential existence of significant deficiencies or material weaknesses in our internal control over financial reporting;

our ability to successfully integrate the coal operations of INR Energy, LLC into our operations;

our ability to successfully broaden our mineral diversification, including our ability to successfully develop our recently acquired chromite deposits; and

the risk factors referred to in the Risk Factors section of this prospectus supplement.

These factors and the other risk factors described in this prospectus supplement and the accompanying prospectus, including the documents incorporated by reference, are not necessarily all of the important factors that could cause actual results to differ materially from those expressed in any of our forward-looking statements. Other unknown or unpredictable factors also could harm our results. Consequently, there can be no assurance that the actual results or developments anticipated by us will be realized or, even if substantially realized, that they will have the expected consequences to or effects on us. Given these uncertainties, prospective investors are cautioned not to place undue reliance on such forward-looking statements.

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Summary

This summary highlights information about us and the notes being offered by this prospectus supplement. This summary is not complete and may not contain all of the information that you should consider prior to investing in our notes. For a more complete understanding of our company, we encourage you to read this entire document, including the information incorporated by reference in this document and the other documents to which we have referred.

Our Company

Cliffs Natural Resources Inc. is an international mining and natural resources company. We are the largest producer of iron ore pellets in North America, a major supplier of direct-shipping lump and fines iron ore out of Australia and a significant producer of metallurgical coal. With core values of environmental and capital stewardship, our colleagues across the globe endeavor to provide all stakeholders operating and financial transparency as embodied in the Global Reporting Initiative framework. Our company s operations are organized according to product category and geographic location: North American Iron Ore; North American Coal; Asia Pacific Iron Ore; Asia Pacific Coal; Latin American Iron Ore; Ferroalloys; and our Global Exploration Group.

The North American business units are comprised of six iron ore mines owned or managed in Michigan, Minnesota and Canada, five metallurgical coal mines located in West Virginia and Alabama and one thermal coal mine located in West Virginia. The Asia Pacific business units are comprised of two iron ore mining complexes in Western Australia and a 45% economic interest in a coking and thermal coal mine in Queensland, Australia. The Latin American business unit includes a 30% interest in the Amapá Project, an iron ore project in the state of Amapá in Brazil. The Ferroalloys operating segment is comprised of our recently acquired chromite deposits in Northern Ontario, Canada. Our Global Exploration Group was established in 2009 and is focused on early involvement in exploration and development activities to identify new world-class projects for future development or projects that add significant value to existing operations.

The following map shows our global footprint:

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North American Iron Ore

We are the largest producer of iron ore pellets in North America and primarily sell our production to integrated steel companies in the United States and Canada. We manage and operate six North American iron ore mines located in Michigan, Minnesota and Eastern Canada that currently have an annual rated capacity of 38.1 million tons of iron ore pellet production, representing 45.1% of total North American pellet production capacity.[1] Based on our equity ownership in the North American iron ore mines we currently operate, which includes our purchase of the remaining equity shares in Wabush Mines that we did not already own from U.S. Steel Canada and ArcelorMittal Dofasco in February 2010, our share of the annual rated pellet production capacity is currently 29.5 million tons, representing 35.0% of total North American annual pellet capacity.

Our North American Iron Ore revenues are primarily derived from sales of iron ore pellets to the North American integrated steel industry, consisting of seven major customers. Generally, we have multi-year supply agreements with our customers. Sales volume under these agreements is largely dependent on customer requirements, and in many cases, we are the sole supplier of iron ore pellets to the customer. Each agreement has a base price that is adjusted annually using one or more adjustment factors. Factors that could result in a price adjustment include international pellet prices, measures of general industrial inflation and steel prices. Additionally, certain of our supply agreements have a provision that limits the amount of price increase or decrease in any given year.

Each of our North American Iron Ore mines is located near the Great Lakes or, in the case of Wabush, near the St. Lawrence Seaway, which is connected to the Great Lakes. The majority of our iron ore pellets are transported via railroads to loading ports for shipment via vessel to steelmakers in the United States or Canada.

For the year ended December 31, 2009, we produced a total of 19.6 million tons of iron ore pellets, including 17.1 million tons for our account and 2.5 million tons on behalf of steel company owners of the mines.

At the end of 2009, our North American Iron Ore mines had proven and probable mineral reserves totaling approximately 932 million tons.

We expect to maintain our leadership position in North American iron ore through continued capital investments and by increasing the productivity and efficiency of our operations. We have been a leader in iron ore mining technology for more than 160 years. We pioneered early open-pit and underground mining methods. From the first application of electrical power in Michigan s underground mines to the use of today s sophisticated computer networks and global positioning satellite systems, we have been a leader in the application of new technology to the centuries-old business of mineral extraction.

We will continue to leverage our strong technical competencies in the mining, processing and concentrating of lower-grade ores into high quality products that are critical inputs depended on by North American integrated steel producers.

North American Coal

We are a leading supplier of metallurgical coal in North America. As of June 30, 2010, we owned and operated two North American coking coal mining complexes located in West Virginia and Alabama that have a rated capacity of 5.5 million short tons of production annually. Each mine produces high-quality, low-volatility metallurgical coal, which is used to make coke, a key component in the steelmaking process. Metallurgical coal generally sells at a premium over the more prevalent and mined, thermal coal, which is generally used to

[1] North American pellet capacity as reported here includes plants in the United States and Canada but excludes Mexico.

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generate electricity. Metallurgical coal receives this premium because of its coking characteristics, which include expansion and contraction when heated, and volatility, which refers to the loss in mass when coal is heated in the absence of air. Coals with lower volatility produce more efficient coke for steelmaking and are more highly valued than coals with a higher volatility, all else being equal. At the end of 2009, Cliffs had approximately 222.5 million tons of high-quality, low-volatility in-place proven and probable reserves. For the year ended December 31, 2009, we sold a total of 1.9 million tons, compared with 3.2 million tons for the year ended December 31, 2008. Each of our North American coal mines is positioned near rail or barge lines providing access to international shipping ports, which allows for export of our coal production. Exports and domestic sales represented 65% and 35%, respectively, of our North American Coal sales in 2009.

On July 30, 2010, we closed the acquisition of all of the coal operations of INR Energy, LLC, a producer of high-volatile metallurgical and thermal coal located in southern West Virginia. The former INR operations have been renamed Cliffs Logan County Coal. Cliffs Logan County Coal s operations include two underground continuous mining method metallurgical coal mines and one open surface mine. The acquisition has allowed us to add complementary high-quality coal products to our existing operations and has provided certain advantages, including, among other things, long-life mine assets, operational flexibility and new equipment.

Asia Pacific Iron Ore

Our Asia Pacific Iron Ore operations are located in Western Australia and include our 100% owned Koolyanobbing complex and our 50% equity interest in Cockatoo Island. We serve the Asian iron ore markets with direct-shipping fines and lump ore. Production in 2009 was 8.3 million tonnes, compared with 7.7 million tonnes in 2008.

At the end of 2009, Cliffs had approximately 87.5 million tonnes of proven and probable reserves in our Asia Pacific Iron Ore business. In recent years, through a near-mine drilling program our reserve base has remained relatively constant, despite annual production of approximately eight million tonnes of iron ore.

We have five-year term supply agreements with steel producers in China and Japan that account for approximately 85% and 15% respectively, of sales. Sales volume under the agreements is partially dependent on customer requirements. Through 2009, each agreement was priced based on annual benchmark pricing established for Australian producers. During 2009, 2008 and 2007, we sold 8.5 million, 7.8 million and 8.1 million tonnes of iron ore, respectively, from our Western Australia mines. As a result of a recent shift in the industry toward shorter-term pricing arrangements that are linked to the spot market and elimination of the annual benchmark system, we have renegotiated the terms of our Asia Pacific Iron Ore customer supply agreements through the second quarter of 2010 to reflect prices based on a quarterly pricing mechanism.

Other Recent Developments

In 2010, we have increased our operating scale and presence as an international mining and natural resources company by expanding both geographically and through the minerals we mine and market. Our growth in North America, including the recent acquisitions of Wabush and Cliffs Logan County Coal discussed above, as well as acquisitions in minerals outside of iron ore and coal, illustrates the execution of this strategy. These acquisitions have allowed us to increase production capacity and add additional reserves at our North American businesses, gain additional access to the seaborne iron ore markets serving steelmakers in Europe and Asia, and further broaden our mineral diversification. The following provides additional information on certain other recent developments and strategic transactions.

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Ferroalloys

During 2009, we acquired approximately 12.4% of Freewest Resources Canada Inc., a Canadian-based mineral exploration company focused on acquiring, exploring and developing high-quality chromite, gold and base-metal properties in Eastern Canada. On January 27, 2010, we acquired all of the remaining outstanding capital stock of Freewest, including its interest in the Ring of Fire properties, which comprise three premier chromite deposits, including 100% interests in the Black Thor and Black Label chromite deposits and a 47% interest in the Big Daddy chromite deposit. The acquisition of Freewest is consistent with our strategy to broaden our mineral diversification and allows us to apply our expertise in open-pit mining and mineral processing to a chromite ore resource base that would form the foundation of North America s only ferrochrome production operation. The planned mine is expected to produce 1 million to 2 million tonnes of high-grade chromite ore annually, which will be further processed into 400 thousand to 800 thousand tonnes of ferrochrome.

Through July 2010, we have acquired approximately 85% of the outstanding capital stock of Spider Resources Inc., a Canadian-based mineral exploration company. Spider s main asset is a 26.5% interest in the Big Daddy chromite deposit. Accordingly, our acquisition of a substantial majority of Spider s capital stock, along with the Freewest acquisition, has given us effective control of 73.5% of the Big Daddy chromite deposit. We intend to proceed with a going private amalgamation transaction to acquire all of the remaining outstanding capital stock of Spider in compliance with applicable securities laws and regulations. We expect that this transaction will be completed in the fourth quarter of 2010.

Global Exploration Group

We also expect to achieve growth through early involvement in exploration and development activities by partnering with junior mining companies, which provide us low-cost entry points for potentially significant reserve additions. We have established a global exploration group, led by professional geologists who have the knowledge and experience to identify new world-class projects for future development or projects that add significant value to existing operations.

Corporate Information

Our principal executive offices are located at 200 Public Square, Suite 3300, Cleveland, Ohio 44114. Our main telephone number is (216) 694-5700, and our website address is www.cliffsnaturalresources.com. The information contained on or accessible through our website is not part of this prospectus supplement, other than the documents that we file with the SEC that are incorporated by reference in this prospectus supplement or the accompanying prospectus.

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The Offering

The following summary contains basic information about the notes and is not intended to be complete. It does not contain all of the information that is important to you. For a more detailed description of the notes, please refer to the section entitled Description of the Notes in this prospectus supplement and the section entitled Description of Debt Securities in the accompanying prospectus.

Issuer	Cliffs Natural Resources Inc.
Notes offered	$ aggregate principal amount of notes, consisting of $ aggregate principal amount of 20 senior notes and $ aggregate principal amount of 20 senior notes.
Maturity	The 20 senior notes will mature on , 20 , and the 20 senior notes will mature on , 20 .
Interest rate	The 20 senior notes will bear interest at % per year, and the 20 senior notes will bear interest at % per year.
Interest payment dates	and of each year, commencing on , 2011.
Ranking	The notes will be our senior unsecured obligations and will rank equally with all of our other senior unsecured indebtedness, including all other unsubordinated debt securities issued under the indenture, from time to time outstanding. The indenture does not restrict the issuance by us or our subsidiaries of senior unsecured indebtedness. See Description of the Notes.
Form and denomination	The notes will be issued in fully registered form in denominations of $2,000 or integral multiples of $1,000 in excess thereof.
Further issuances	We may create and issue further notes ranking equally and ratably with either series of notes offered by this prospectus supplement in all respects, so that such further notes will be consolidated and form a single series with the applicable series of notes offered by this prospectus supplement and will have the same terms as to status, redemption or otherwise.
Optional redemption	We may redeem the notes of either series, in whole or in part, at any time and from time to time as described under the heading Description of the Notes Optional Redemption.
Offer to repurchase upon change of control triggering event	If we experience a Change of Control Triggering Event (as defined herein), we will be required, unless we have already exercised our option to redeem the notes of the applicable series, to offer to purchase the notes of the applicable series at a purchase price equal to 101% of their principal amount, plus accrued and unpaid interest, if any, to the date of purchase. See Description of the Notes Change of Control Triggering Event.

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Certain covenants	The indenture governing the notes contains covenants that restrict our ability, with certain exceptions, to: incur debt secured by liens; and engage in sale and leaseback transactions. See Description of the Notes Certain Covenants.
DTC eligibility	The notes of each series will be represented by global certificates deposited with, or on behalf of, The Depository Trust Company, which we refer to as DTC, or its nominee. See Description of the Notes Book-Entry Delivery and Settlement.
Same-day settlement	Beneficial interests in the notes will trade in DTC s same-day funds settlement system until maturity. Therefore, secondary market trading activity in such interests will be settled in immediately available funds.
Use of proceeds	We expect to receive net proceeds, after deducting underwriting discounts but before deducting other offering expenses, of approximately $ million from this offering. We intend to use the net proceeds from this offering for the repayment of all of the borrowings outstanding under the revolving portion of our credit facility, as well as for general corporate purposes, including, without limitation, to fund capital expenditures and acquisitions.
No listing of the notes	We do not intend to apply to list the notes on any securities exchange or to have the notes quoted on any automated quotation system.
Governing law	The notes will be, and the indenture is, governed by the laws of the State of New York.
Risk factors	Investing in the notes involves risk. See Risk Factors on page S-9 of this prospectus supplement, in the accompanying prospectus and the documents incorporated by reference herein or therein for a discussion of certain risks you should consider in connection with an investment in the notes.
Trustee, registrar and paying agent	U.S. Bank National Association

Conflicts of Interest

Certain of the underwriters and/or their affiliates are lenders under our credit facility and will receive a portion of the net proceeds from this offering. Consequently, this offering will be made pursuant to the applicable provisions of FINRA Rule 5110(h) and in compliance with the requirements of NASD Rule 2720. See Underwriting (Conflicts of Interest).

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Summary Consolidated Financial Data

The table below sets forth a summary of our financial and other statistical data for the periods presented. We derived the financial data as of and for the years ended December 31, 2007, 2008 and 2009 from our audited consolidated financial statements. We derived the financial data as of and for the six months ended June 30, 2009 and 2010 from our unaudited consolidated financial statements. In the opinion of our management, our unaudited consolidated financial statements were prepared on the same basis as our audited consolidated financial statements and contain all adjustments (consisting of normal recurring adjustments) necessary to present fairly the information presented and may not necessarily be indicative of full year results. Prospective investors should read the summary of financial and other statistical data in conjunction with our consolidated financial statements, the related notes and other financial information incorporated by reference into this prospectus supplement.

	Year Ended December 31,			Six Months Ended June 30,	
	2007(1)	2008(2)	2009	2009	2010(3)
Financial data (in millions)					
Revenue from product sales and services	$ 2,275.2	$ 3,609.1	$ 2,342.0	$ 855.1	$ 1,912.0
Cost of goods sold and operating expenses	(1,813.2)	(2,449.4)	(2,033.1)	(824.4)	(1,347.3)
Other operating expense	(80.4)	(220.8)	(78.7)	(36.6)	(85.5)
Operating income (loss)	381.6	938.9	230.2	(5.9)	479.2
Income from continuing operations	285.4	537.0	204.3	37.6	354.1
Income from discontinued operations	0.2				
Net income	285.6	537.0	204.3	37.6	354.1
Less: Net income (loss) attributable to noncontrolling interest	15.6	21.2	(0.8)	(0.5)	(0.1)
Net income attributable to Cliffs shareholders	270.0	515.8	205.1	38.1	354.2
Preferred stock dividends	(5.2)	(1.1)			
Income attributable to Cliffs common shareholders	264.8	514.7	205.1	38.1	354.2
Total assets	3,075.8	4,111.1	4,639.3	4,296.4	5,636.3
Long-term obligations	490.9	580.2	644.3	639.4	839.1
Ratio of earnings to fixed charges	14.2x	15.2x	6.1x	21.3x	2.0x
Net cash from (used by) operating activities	288.9	853.2	185.7	(160.3)	235.7
Redeemable cumulative convertible perpetual preferred stock	134.7	0.2			
Distributions to preferred shareholders cash dividends	5.5	1.1			
Distributions to common shareholders cash dividends (4)	20.9	36.1	31.9	15.2	30.8
Repurchases of common shares	2.2				
Iron ore and coal production and sales statistics					
(tons in millions North America; tonnes in millions Asia Pacific)					
Production tonnage North American iron ore	34.6	35.2	19.6	8.9	13.8
North American coal	1.1	3.5	1.7	0.7	1.5
Asia Pacific iron ore	8.4	7.7	8.3	3.8	4.2
Production tonnage North American iron ore (Cliffs share)	21.8	22.9	17.1	6.2	11.3
Sales tonnage North American iron ore	22.3	22.7	16.4	4.3	11.0
North American coal	1.2	3.2	1.9	0.8	1.4
Asia Pacific iron ore	8.1	7.8	8.5	3.8	4.3

(1) On July 31, 2007, we completed the acquisition of Cliffs North American Coal LLC (formerly PinnOak), a producer of high-quality, low-volatile metallurgical coal. Results for 2007 include PinnOak s results since the acquisition.

(2) On April 19, 2005, we completed the acquisition of 80.4% of Portman, an iron ore mining company in Australia. On May 21, 2008, Portman authorized a tender offer to repurchase shares, and as a result, our ownership interest in Portman increased from 80.4% to 85.2% on June 24, 2008. On September 10, 2008, we announced an off-market takeover offer to acquire the remaining shares in Portman, which closed on November 3, 2008. We subsequently proceeded with a compulsory acquisition of the remaining shares and had full ownership of Portman as of December 31, 2008. Results for 2008 reflect the increase in our ownership of Portman since the date of each step acquisition. Effective July 1, 2008, we acquired the remaining 30% interest in United Taconite. Upon consummation of the purchase, our ownership interest in United Taconite increased from 70% to 100%. Results for 2008 reflect the increase in our ownership of United Taconite since the date of the step acquisition.

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(3) On January 27, 2010, we acquired all of the remaining outstanding capital stock of Freewest, a Canadian-based mineral exploration company. Results for the six months ended June 30, 2010 include Freewest s results since the acquisition. On February 1, 2010, we acquired the remaining 73.2% of Wabush, thereby increasing our ownership interest to 100%. The financial data as of and for the six months ended June 30, 2010 reflect the remaining interest in Wabush since the acquisition. Prior periods reflect our 26.8% ownership interest in Wabush as an equity method investment.

(4) On May 12, 2009, our board of directors enacted a 55% reduction in our quarterly common share dividend to $0.04 from $0.0875 for the second and third quarters of 2009 in order to enhance financial flexibility. The $0.04 common share dividends were paid on June 1, 2009 and September 1, 2009 to shareholders of record as of May 22, 2009 and August 14, 2009, respectively. In the fourth quarter of 2009, the dividend was reinstated to its previous level. On May 11, 2010, our board of directors increased our quarterly common share dividend from $0.0875 to $0.14. The increased cash dividend was paid on June 1, 2010 to shareholders of record as of May 14, 2010.

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Risk Factors

An investment in the notes involves risk. Prior to making a decision about investing in our notes, and in consultation with your own financial and legal advisors, you should carefully consider the following risk factors, as well as the risk factors discussed in our Annual Report on Form 10-K for the fiscal year ended December 31, 2009 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2010 and June 30, 2010, which are incorporated herein by reference. You should also refer to the other information in this prospectus supplement and the accompanying prospectus, including our consolidated financial statements and the related notes incorporated by reference in this prospectus supplement. Additional risks and uncertainties that are not yet identified may also materially harm our business, operating results and financial condition.

The notes are subject to prior claims of any secured creditors and the creditors of our subsidiaries, and if a default occurs we may not have sufficient funds to fulfill our obligations under the notes.

The notes are our unsecured general obligations, ranking equally with our other senior unsecured indebtedness and liabilities but below any secured indebtedness and effectively below the debt and other liabilities of our subsidiaries. The indenture governing the notes permits us and our subsidiaries to incur secured debt under specified circumstances. If we incur any secured debt, our assets and the assets of our subsidiaries will be subject to prior claims by our secured creditors. In the event of our bankruptcy, liquidation, reorganization or other winding up, assets that secure debt will be available to pay obligations on the notes only after all debt secured by those assets has been repaid in full. Holders of the notes will participate in our remaining assets ratably with all of our unsecured and unsubordinated creditors, including our trade creditors.

If we incur any additional obligations that rank equally with the notes, including trade payables, the holders of those obligations will be entitled to share ratably with the holders of the notes in any proceeds distributed upon our insolvency, liquidation, reorganization, dissolution or other winding up. This may have the effect of reducing the amount of proceeds paid to you. If there are not sufficient assets remaining to pay all of these creditors, all or a portion of the notes then outstanding would remain unpaid.

The indenture does not limit the amount of indebtedness that we and our subsidiaries may incur.

The indenture under which the notes will be issued does not limit the amount of indebtedness that we and our subsidiaries may incur. The indenture does not contain any financial covenants or other provisions that would afford the holders of the notes any substantial protection in the event we participate in a highly leveraged transaction.

Our existing and future indebtedness may limit cash flow available to invest in the ongoing needs of our business, which could prevent us from fulfilling our obligations under the notes.

After giving effect to this notes offering, assuming that we repay all of the amounts outstanding under the revolving portion of our credit facility, our total indebtedness at June 30, 2010 would have been approximately $ million. Additionally, we have the ability under our existing credit facility to incur substantial additional indebtedness in the future. Our level of indebtedness could have important consequences to you. For example, it could:

- require us to dedicate a substantial portion of our cash flow from operations to the payment of debt service, reducing the availability of our cash flow to fund working capital, capital expenditures, acquisitions and other general corporate purposes;
- increase our vulnerability to adverse economic or industry conditions;
- limit our ability to obtain additional financing in the future to enable us to react to changes in our business; or
- place us at a competitive disadvantage compared to businesses in our industry that have less indebtedness.

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Additionally, any failure to comply with covenants in the instruments governing our debt could result in an event of default which, if not cured or waived, would have a material adverse effect on us.

To service our indebtedness, we will require a significant amount of cash. Our ability to generate cash depends on many factors beyond our control. We also depend on the business of our subsidiaries to satisfy our cash needs. If we cannot generate the required cash, we may not be able to make the necessary payments under the notes.

Our ability to make payments on our indebtedness, including the notes, and to fund planned capital expenditures will depend on our ability to generate cash in the future. Our ability to generate cash, to a certain extent, is subject to general economic, financial, competitive, legislative, regulatory and other factors that are beyond our control.

A significant portion of our operations are conducted through our subsidiaries. As a result, our ability to service our debts, including our obligations under the notes and other obligations, is dependent to some extent on the earnings of our subsidiaries and the payment of those earnings to us in the form of dividends, loans or advances and through repayment of loans or advances from us. Our subsidiaries are separate and distinct legal entities. Our subsidiaries have no obligation to pay any amounts due on the notes or to provide us with funds to meet our payment obligations on the notes, whether in the form of dividends, distributions, loans or other payments. In addition, any payment of dividends, loans or advances by our subsidiaries could be subject to statutory or contractual restrictions. Payments to us by our subsidiaries will also be contingent upon our subsidiaries earnings and business considerations. Our right to receive any assets of any of our subsidiaries upon their liquidation or reorganization, and therefore the right of the holders of the notes to participate in those assets, will be effectively subordinated to the claims of that subsidiary s creditors, including trade creditors. In addition, even if we are a creditor of any of our subsidiaries, our rights as a creditor would be subordinate to any security interest in the assets of our subsidiaries and any indebtedness of our subsidiaries senior to that held by us. Finally, changes in the laws of foreign jurisdictions in which we operate may adversely affect the ability of some of our foreign subsidiaries to repatriate funds to us.

Additionally, our historical financial results have been, and we anticipate that our future financial results will be, subject to fluctuations. We cannot assure you that our business will generate sufficient cash flow from our operations or that future borrowings will be available to us in an amount sufficient to enable us to pay our indebtedness, including the notes, or to fund our other liquidity needs and make necessary capital expenditures.

An active trading market for the notes may not develop.

There is no existing market for the notes and we do not intend to apply for listing of the notes on any securities exchange or any automated quotation system. Accordingly, there can be no assurance that a trading market for the notes will ever develop or will be maintained. Further, there can be no assurance as to the liquidity of any market that may develop for the notes, your ability to sell your notes or the price at which you will be able to sell your notes. Future trading prices of the notes will depend on many factors, including prevailing interest rates, our financial condition and results of operations, the then-current ratings assigned to the notes and the market for similar debt securities. Any trading market that develops would be affected by many factors independent of and in addition to the foregoing, including:

- the time remaining to the maturity of the notes;
- the outstanding amount of the notes;
- the terms related to optional redemption of the notes; and
- the level, direction and volatility of market interest rates generally.

The underwriters have advised us that they currently intend to make a market in the notes of each series, but they are not obligated to do so and may cease market-making at any time in their sole discretion without notice.

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Use of Proceeds

We expect to receive net proceeds, after deducting underwriting discounts but before deducting other offering expenses, of approximately $ million from this offering. We intend to use a portion of the net proceeds from this offering for the repayment of all of the borrowings outstanding under the revolving portion of our credit facility. As of September 14, 2010, there was $350.0 million outstanding under the revolving portion of our credit facility, which bore interest at such date at LIBOR plus 0.95% per year (currently 1.22% per year) and matures on August 17, 2012.

We intend to use the remaining net proceeds from this offering for general corporate purposes, including, without limitation, to fund capital expenditures and acquisitions.

Pending final use, we may invest the net proceeds from this offering in short-term marketable securities.

Certain of the underwriters and/or their affiliates are lenders under our credit facility and may receive a portion of the net proceeds from this offering if such proceeds are applied to repay such indebtedness. Consequently, this offering will be made pursuant to the applicable provisions of FINRA Rule 5110(h) and in compliance with the requirements of NASD Rule 2720. See Underwriting (Conflicts of Interest).

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Capitalization

The following table sets forth our cash and cash equivalents and consolidated capitalization as of June 30, 2010:

on a historical basis; and

as adjusted to give effect to this offering and the application of the use proceeds therefrom as described under Use of Proceeds.

You should read this table in conjunction with our consolidated financial statements, the related notes and other financial information contained in our Quarterly Report on Form 10-Q for the quarter ended June 30, 2010, which is incorporated by reference in this prospectus supplement, as well as the other financial information incorporated by reference in this prospectus supplement and the accompanying prospectus.

	As of June 30, 2010	
(in millions)	**Actual**	**As adjusted**
Cash and cash equivalents	$ 527.5	$
Capitalization:		
Long-term debt		
Term loan	$	
Revolving portion of credit facility(1)		
5.90% senior notes due 2020	400.0	
Private placement senior notes	325.0	
20 senior notes offered hereby		
20 senior notes offered hereby		
Total long-term debt	725.0	
Total equity	$ 2,990.9	$
Total capitalization	$ 3,715.9	$

(1) We intend to use a portion of the net proceeds from this offering to repay all of the borrowings outstanding under the revolving portion of our credit facility. As of September 14, 2010, approximately $350.0 million was outstanding under the revolving portion of our credit facility.

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Description of the Notes

Each series of notes will constitute a series of debt securities to be issued under the indenture dated as of March 17, 2010 (the base indenture) between us and U.S. Bank National Association, as trustee (the trustee), as supplemented by a second supplemental indenture to be dated as of , 2010 and a third supplemental indenture to be dated as of , 2010 (in each case, a supplemental indenture, and together, in each case, with the base indenture, the indenture). The following description is only a summary of the material provisions of the notes and the indenture. You should read these documents in their entirety because they, and not this description, define your rights as holders of the notes. The following summary does not purport to be complete and is subject to, and is qualified in its entirety by reference to, the Trust Indenture Act of 1939 (the TIA), and to all of the provisions of the indenture and those terms made a part of the indenture by reference to the TIA. Unless the context requires otherwise, all references to we, us, our, and Cliffs in this section refer solely to Cliffs Natural Resources Inc. and not to its subsidiaries.

The following description of the particular terms of the notes offered hereby supplements the general description of debt securities set forth in the accompanying prospectus.

General

The 20 senior notes will be issued in an initial aggregate principal amount of $ and will mature on , 20 . The 20 senior notes will be issued in an initial aggregate principal amount of $ and will mature on , 20 . The notes will be issued only in fully registered form without coupons in minimum denominations of $2,000 and integral multiples of $1,000 above that amount. The notes will not be entitled to any sinking fund.

Interest on each series of notes will accrue at the applicable rate per annum shown on the cover of this prospectus supplement from , 2010, or from the most recent date to which interest has been paid or provided for, payable semi-annually on and of each year, beginning on , 2011, to the persons in whose names the notes are registered in the security register at the close of business on the or preceding the relevant interest payment date, except that interest payable at maturity shall be paid to the same persons to whom principal of the notes is payable. Interest will be computed on the notes on the basis of a 360-day year of twelve 30-day months.

The indenture does not limit the amount of notes that we may issue. We may from time to time, without notice to or the consent of the registered holders of either series of notes, create and issue additional notes ranking equally and ratably with either series of notes being issued in this offering in all respects (other than the issue price, the date of issuance, the payment of interest accruing prior to the issue date of such additional notes and the first payment of interest following the issue date of such additional notes), provided that such notes must be part of the same issue as the applicable series of notes being issued in this offering for U.S. federal income tax purposes. Any such additional notes shall be consolidated and form a single series with the applicable series of notes being issued in this offering, including for purposes of voting and redemptions.

The indenture does not limit our ability, or the ability of our subsidiaries, to incur additional indebtedness. The indenture and the terms of the notes will not contain any covenants (other than those described herein) designed to afford holders of any notes protection in a highly leveraged or other transaction involving us that may adversely affect holders of the notes.

There are no public trading markets for the notes, and we do not intend to apply for listing of the notes on any national securities exchange or for quotation of the notes on any automated dealer quotation system.

Ranking

The notes will be our senior unsecured obligations and will rank equally in right of payment with any of our existing and future unsecured and unsubordinated indebtedness. The notes will be effectively subordinated to any of our future secured indebtedness to the extent of the value of the assets securing such indebtedness and effectively junior to liabilities of our subsidiaries. As of June 30, 2010, the aggregate principal amount of our

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indebtedness was approximately $725.0 million (excluding intercompany liabilities), consisting of $725.0 million senior notes payable.

The notes will not be guaranteed by any of our subsidiaries and will therefore be structurally subordinated to all existing and future indebtedness and other obligations, including trade payables, of our subsidiaries. As of June 30, 2010, our subsidiaries had no liabilities (excluding intercompany liabilities).

Optional Redemption

We may, at our option, at any time and from time to time redeem the notes of either or both series, in whole or in part, on not less than 30 nor more than 60 days prior notice mailed to the holders of the applicable series of notes, with a copy provided to the trustee. The notes of either or both series will be redeemable at a redemption price, to be calculated by us, plus accrued and unpaid interest to the date of redemption, equal to the greater of (1) 100% of the principal amount of the notes to be redeemed and (2) the sum of the present values of the remaining scheduled payments of principal and interest on the notes to be redeemed (not including interest accrued to the date of redemption), discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus basis points with respect to the 20 senior notes and basis points with respect to the 20 senior notes, plus, in each case, accrued and unpaid interest on the notes to be redeemed to the date of redemption.

Comparable Treasury Issue means the United States Treasury security selected by an Independent Investment Banker that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of the notes. Independent Investment Banker means one of the Reference Treasury Dealers appointed by us.

Comparable Treasury Price means, with respect to any redemption date, (1) the average of the Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest of such Reference Treasury Dealer Quotations, or (2) if we obtain fewer than six such Reference Treasury Dealer Quotations, the average of all Quotations obtained.

Reference Treasury Dealer means each of Banc of America Securities LLC and J.P. Morgan Securities LLC, their respective successors and two other nationally recognized investment banking firms that are Primary Treasury Dealers specified from time to time by us, except that if any of the foregoing ceases to be a primary U.S. government securities dealer in the United States (a Primary Treasury Dealer), we are required to designate as a substitute another nationally recognized investment banking firm that is a Primary Treasury Dealer.

Reference Treasury Dealer Quotations means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by us, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to us by such Reference Treasury Dealer as of 3:30 p.m., New York City time, on the third business day preceding such redemption date.

Treasury Rate means, with respect to any redemption date, the rate per annum equal to the semi-annual equivalent yield to maturity (computed as of the third business day immediately preceding such redemption date) of the Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such redemption date.

On and after any redemption date, interest will cease to accrue on the notes called for redemption. Prior to any redemption date, we are required to deposit with a paying agent money sufficient to pay the redemption price of and accrued interest on the notes to be redeemed on such date. If we are redeeming less than all the notes, the trustee under the indenture must select the notes to be redeemed by such method as the trustee deems fair and appropriate in accordance with methods generally used at the time of selection by fiduciaries in similar circumstances.

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Change of Control Triggering Event

Upon the occurrence of a Change of Control Triggering Event with respect to the notes of either series, unless we have exercised our right to redeem the notes of the applicable series as described under Optional Redemption by giving irrevocable notice to the trustee in accordance with the indenture, each holder of notes of the applicable series will have the right to require us to purchase all or a portion of such holder s applicable series of notes pursuant to the offer described below (the Change of Control Offer), at a purchase price equal to 101% of the principal amount thereof plus accrued and unpaid interest, if any, to the date of purchase (the Change of Control Payment), subject to the rights of holders of the applicable series of notes on the relevant record date to receive interest due on the relevant interest payment date.

Unless we have exercised our right to redeem the notes of the applicable series, within 30 days following the date upon which the Change of Control Triggering Event occurred with respect to the applicable series of notes, or at our option, prior to any Change of Control but after the public announcement of the pending Change of Control, we will be required to send, by first class mail, a notice to each holder of the applicable series of notes, with a copy to the trustee, which notice will govern the terms of the Change of Control Offer. Such notice will state, among other things, the purchase date, which must be no earlier than 30 days nor later than 60 days from the date such notice is mailed, other than as may be required by law (the Change of Control Payment Date). The notice, if mailed prior to the date of consummation of the Change of Control, will state that the Change of Control Offer is conditioned on the Change of Control being consummated on or prior to the Change of Control Payment Date.

On the Change of Control Payment Date, we will, to the extent lawful:

accept or cause a third party to accept for payment all notes or portions of notes properly tendered pursuant to the Change of Control Offer;

deposit or cause a third party to deposit with the paying agent an amount equal to the Change of Control Payment in respect of all notes or portions of notes properly tendered; and

deliver or cause to be delivered to the trustee the notes properly accepted together with an officers certificate stating the aggregate principal amount of notes or portions of notes being repurchased and that all conditions precedent to the Change of Control Offer and to the repurchase by us of notes pursuant to the Change of Control Offer have been complied with.

We will not be required to make a Change of Control Offer with respect to the applicable series of notes if a third party makes such an offer in the manner, at the times and otherwise in compliance with the requirements for such an offer made by us and such third party purchases all the notes of the applicable series properly tendered and not withdrawn under its offer.

We will comply in all material respects with the requirements of Rule 14e-1 under the Securities Exchange Act of 1934, as amended (the Exchange Act), and any other securities laws and regulations thereunder to the extent those laws and regulations are applicable in connection with the repurchase of the notes of the applicable series as a result of a Change of Control Triggering Event. To the extent that the provisions of any such securities laws or regulations conflict with the Change of Control Offer provisions of the notes of the applicable series, we will comply with those securities laws and regulations and will not be deemed to have breached our obligations under the Change of Control Offer provisions of the notes by virtue of any such conflict.

For purposes of the foregoing discussion of a Change of Control Offer, the following definitions are applicable:

Change of Control means the occurrence of any of the following after the date of issuance of the notes:

1. the direct or indirect sale, lease, transfer, conveyance or other disposition (other than by way of merger or consolidation), in one or a series of related transactions, of all or substantially all of the assets of Cliffs and its subsidiaries taken as a whole to any person or group (as those terms are used in Section 13(d)(3) of the Exchange Act) other than to Cliffs or one of its subsidiaries;

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2. the consummation of any transaction (including, without limitation, any merger or consolidation) the result of which is that any person or group (as those terms are used in Section 13(d)(3) of the Exchange Act, it being agreed that an employee of Cliffs or any of its subsidiaries for whom shares are held under an employee stock ownership, employee retirement, employee savings or similar plan and whose shares are voted in accordance with the instructions of such employee shall not be a member of a group (as that term is used in Section 13(d)(3) of the Exchange Act) solely because such employee s shares are held by a trustee under said plan) becomes the beneficial owner (as defined in Rules 13d-3 and 13d-5 under the Exchange Act), directly or indirectly, of Voting Stock representing more than 50% of the voting power of our outstanding Voting Stock or of the Voting Stock of any of Cliffs direct or indirect parent companies;

3. we consolidate with, or merge with or into, any Person, or any Person consolidates with, or merge with or into, us, in any such event pursuant to a transaction in which any of our outstanding Voting Stock or Voting Stock of such other Person is converted into or exchanged for cash, securities or other property, other than any such transaction where our Voting Stock outstanding immediately prior to such transaction constitutes, or is converted into or exchanged for, Voting Stock representing at least a majority of the voting power of the Voting Stock of the surviving Person immediately after giving effect to such transaction;

4. the first day on which a majority of the members of our board of directors or the board of directors of any of Cliffs direct or indirect parent companies are not Continuing Directors; or

5. the adoption of a plan relating to our liquidation or dissolution.

Notwithstanding the foregoing, a transaction will not be deemed to involve a Change of Control solely because we become a direct or indirect wholly-owned subsidiary of a holding company if the direct or indirect holders of the Voting Stock of such holding company immediately following that transaction are substantially the same as the holders of our Voting Stock immediately prior to that transaction.

Change of Control Triggering Event means, with respect to either series of notes, (i) the rating of such notes is lowered by each of the Rating Agencies on any date during the period (the Trigger Period) commencing on the earlier of (a) the occurrence of a Change of Control and (b) the first public announcement by us of any Change of Control (or pending Change of Control), and ending 60 days following consummation of such Change of Control (which Trigger Period will be extended following consummation of a Change of Control for so long as any of the Rating Agencies has publicly announced that it is considering a possible ratings change), and (ii) such notes are rated below Investment Grade by each of the Rating Agencies on any day during the Trigger Period; *provided* that a Change of Control Trigger Event will not be deemed to have occurred in respect of a particular Change of Control if each Rating Agency making the reduction in rating does not publicly announce or confirm or inform the trustee at our request that the reduction was the result, in whole or in part, of any event or circumstance comprised of or arising as a result of, or in respect of, the Change of Control.

Notwithstanding the foregoing, no Change of Control Triggering Event will be deemed to have occurred in connection with any particular Change of Control unless and until such Change of Control has actually been consummated.

Continuing Director means, as of any date of determination, any member of the applicable board of directors who: (1) was a member of such board of directors on the date of issuance of the notes or (2) was nominated for election, elected or appointed to such board of directors with the approval of a majority of the Continuing Directors who were members of such board of directors at the time of such nomination, election or appointment (either by a specific vote or by approval of a proxy statement in which such member was named as a nominee for election as a director).

Investment Grade means a rating of Baa3 or better by Moody s (or its equivalent under any successor rating category of Moody s) and a rating of BBB- or better by S&P (or its equivalent under any successor rating category of S&P), and the equivalent investment grade credit rating from any replacement rating agency or rating

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agencies selected by us under the circumstances permitting us to select a replacement agency and in the manner for selecting a replacement agency, in each case as set forth in the definition of Rating Agency.

Moody s means Moody s Investors Service, Inc., a subsidiary of Moody s Corporation, and its successors.

Rating Agency means each of Moody s and S&P; *provided*, that if any of Moody s or S&P ceases to provide rating services to issuers or investors, we may appoint another nationally recognized statistical rating organization within the meaning of Rule 15c3-1(c)(2)(vi)(F) under the Exchange Act as a replacement for such Rating Agency.

S&P means Standard & Poor s Ratings Services, a division of The McGraw-Hill Companies, Inc., and its successors.

Voting Stock of any specified Person as of any date means the capital stock of such Person that is at the time entitled to vote generally in the election of the board of directors of such Person.

For purposes of the notes, the following definition is applicable:

Person means any individual, corporation, partnership, limited liability company, business trust, association, joint-stock company, joint venture, trust, incorporated or unincorporated organization or government or any agency or political subdivision thereof.

The definition of Change of Control includes a phrase relating to the direct or indirect sale, lease, transfer, conveyance or other disposition of all or substantially all of the properties or assets of Cliffs and its subsidiaries taken as a whole. Although there is a limited body of case law interpreting the phrase substantially all, there is no precise, established definition of the phrase under applicable law. Accordingly, the applicability of the requirement that we offer to repurchase the notes as a result of a sale, lease, transfer, conveyance or other disposition of less than all of the assets of Cliffs and its subsidiaries taken as a whole to another Person or group may be uncertain.

Certain Covenants

Restriction on Liens

We will not, nor will we permit any Domestic Subsidiary to, incur, issue, assume or guarantee any Debt secured by a Lien upon any Principal Property or on any shares of stock or indebtedness of any Domestic Subsidiary (whether such Principal Property, shares of stock or indebtedness is now owned or hereafter acquired) without in any such case effectively providing that the notes (together with, if we shall so determine, any other indebtedness of or guaranteed by us or such Domestic Subsidiary ranking equally with the notes then existing or thereafter created) shall be secured equally and ratably with such Debt, except that the foregoing restrictions shall not apply to:

(i) Liens on property, shares of stock or indebtedness of or guaranteed by any Person existing at the time such Person becomes a Domestic Subsidiary;

(ii) Liens on property existing at the time of acquisition thereof, or to secure the payment of all or part of the purchase or construction price of property, or to secure Debt incurred or guaranteed for the purpose of financing all or part of the purchase or construction price of property or the cost of improvements on property, which Debt is incurred or guaranteed prior to, at the time of, or within 180 days after the later of such acquisition or completion of such improvements or construction or commencement of commercial operation of the property;

(iii) Liens in favor of us or any Subsidiary;

(iv) Liens on property of a Person existing at the time such Person is merged into or consolidated with us or a Domestic Subsidiary or at the time of a purchase, lease or other acquisition of the property of a Person as an entirety or substantially as an entirety by us or a Domestic Subsidiary;

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(v) Liens on our property or that of a Domestic Subsidiary in favor of the United States of America or any State thereof, or any political subdivision thereof, or in favor of any other country, or any political subdivision thereof, to secure certain payments pursuant to any contract or statute or to secure any indebtedness incurred or guaranteed for the purpose of financing all or any part of the purchase price or the cost of construction of the property subject to such Liens (including, but not limited to, Liens incurred in connection with pollution control industrial revenue bond or similar financing);

(vi) Liens imposed by law, for example mechanics , workmen s, repairmen s or other similar Liens arising in the ordinary course of business;

(vii) pledges or deposits under workmen s compensation or similar legislation or in certain other circumstances;

(viii) Liens in connection with legal proceedings;

(ix) Liens for taxes or assessments or governmental charges or levies not yet due or delinquent, of which can thereafter be paid without penalty, or which are being contested in good faith by appropriate proceedings;

(x) Liens consisting of restrictions on the use of real property that do not interfere materially with the property s use;

(xi) Liens existing on the date of the indenture; and

(xii) any refinancing, extension, renewal or replacement (or successive refinancings, extensions, renewals or replacements), in whole or in part, of any Lien referred to in any of the foregoing clauses.

Notwithstanding the above, we and any one or more of our Subsidiaries may, without securing the notes, incur, issue, assume or guarantee secured Debt which would otherwise be subject to the foregoing restrictions, provided that after giving effect thereto the aggregate amount of Debt which would otherwise be subject to the foregoing restrictions then outstanding (not including secured Debt permitted under the foregoing exceptions) plus Attributable Debt relating to sale and leaseback transactions (as described below) does not exceed 15% of our Consolidated Net Tangible Assets.

Restrictions on Sale and Leaseback Transactions.

Sale and leaseback transactions by us or any Domestic Subsidiary of any Principal Property (whether now owned or hereafter acquired) are prohibited unless:

(i) we or such Domestic Subsidiary would be entitled under the indenture to issue, assume or guarantee Debt secured by a Lien upon such Principal Property at least equal in amount to the Attributable Debt in respect of such transaction without equally and ratably securing the notes, *provided that* such Attributable Debt shall thereupon be deemed to be Debt subject to the provisions described above under Restrictions on Liens or

(ii) within 180 days, an amount in cash equal to such Attributable Debt is applied to the retirement of Funded Debt (debt that matures at or is extendible or renewable at the option of the obligor to a date more than twelve months after the date of the creation of such Debt) ranking *pari passu* with the notes, an amount not less than the greater of:

the net proceeds of the sale of the Principal Property leased pursuant to the arrangement, or

the fair market value of the Principal Property so leased.

The restrictions described above do not apply to the following:

(i) a sale and leaseback transaction between us and a Domestic Subsidiary or between Domestic Subsidiaries, or that involves the taking back of a lease for a period of less than three years, or

(ii) if, at the time of the sale and leaseback transaction, after giving effect to the transaction, the total discounted net amount of rent required to be paid during the remaining term of any lease relating to

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sale and leaseback transactions (other than transactions permitted by the previous bullet points) plus all outstanding secured Debt pursuant to the Restriction on Liens covenant above, does not exceed 15% of our Consolidated Net Tangible Assets.

Certain Definitions Relating to Our Restrictive Covenants. Following are the meanings of the terms that are important in understanding the restrictive covenants previously described.

Attributable Debt means the present value (discounted at the rate of interest implicit in the terms of the lease) of the obligation of a lessee for net rental payments during the remaining term of any lease (including any period for which such lease has been extended or may, at the option of the lessor, be extended).

Consolidated Net Tangible Assets means the aggregate amount of assets (less applicable reserves and other properly deductible items) after deducting therefrom (a) all current liabilities (excluding any indebtedness for money borrowed having a maturity of less than 12 months from the date of the most recent consolidated balance sheet of Cliffs but which by its terms is renewable or extendable beyond 12 months from such date at the option of the borrower) and (b) all goodwill, trade names, patents, unamortized debt discount and expense and any other like intangibles, all as set forth on the most recent consolidated balance sheet of Cliffs and computed in accordance with U.S. generally accepted accounting principles.

Debt means indebtedness for money borrowed that in accordance with applicable generally accepted accounting principles would be reflected on the balance sheet of the obligor as a liability as of the date on which Debt is to be determined.

Domestic Subsidiary means a Subsidiary that owns or leases any Principal Property except a Subsidiary (a) that transacts any substantial portion of its business and regularly maintains any substantial portion of its fixed assets outside of the United States or (b) that is engaged primarily in financing the operation of us or our Subsidiaries, or both, outside the United States.

Liens means any mortgage, pledge, lien or other encumbrance.

Principal Property means a single manufacturing or processing plant, warehouse distribution facility or office owned or leased by the Company or a Domestic Subsidiary which has a net book value in excess of 5% of Consolidated Net Tangible Assets other than a plant, warehouse, office, or portion thereof which, in the opinion of the Company s Board of Directors, is not of material importance to the business conducted by the Company and its Subsidiaries as an entirety.

Subsidiary means any corporation, partnership or other legal entity (a) the accounts of which are consolidated with ours in accordance with U.S. generally accepted accounting principles and (b) of which, in the case of a corporation, more than 50% of the outstanding voting stock is owned, directly or indirectly, by us or by one or more other Subsidiaries, or by us and one or more other Subsidiaries or, in the case of any partnership or other legal entity, more than 50% of the ordinary equity capital interests is, at the time, directly or indirectly owned or controlled by us or by one or more of the Subsidiaries or by us and one or more of the Subsidiaries.

Events of Default

You will have special rights if an event of default occurs and is not cured, as further described in the section Events of Default in the accompanying prospectus.

The term event of default with respect to either series of the notes means any of the following:

a default in the payment of any interest on the applicable series of the notes, when such payment becomes due and payable, and continuance of that default for a period of 30 days (unless the entire amount of the payment is deposited by Cliffs with the trustee or with a paying agent prior to the expiration of such period of 30 days);

default in the payment of principal on the applicable series of the notes when such payment becomes due and payable;

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default in the performance or breach of any other covenant or warranty by us in the indenture, which default continues uncured for a period of 60 days after written notice thereof has been given, by registered or certified mail, to us by the trustee or to us and the trustee by the holders of at least 25% in principal amount of the outstanding debt securities of that series, as provided in the indenture; or

certain events of bankruptcy, insolvency or reorganization of Cliffs.

Book-Entry Delivery and Settlement

Upon issuance, the notes of each series will be represented by one or more fully registered global certificates, each of which we refer to as a global security. Each such global security will be deposited with or on behalf of the Depository Trust Company (DTC), and registered in the name of DTC or a nominee thereof. Purchasers of the notes can hold beneficial interests in the global notes only through DTC, or through the accounts that Clearstream Banking, société anonyme, Luxembourg, or Euroclear Bank, S.A./N.V., as operator of the Euroclear System, maintain as participants in DTC.

A description of DTC s procedures with respect to the global securities is set forth in the sections Description of Debt Securities Transfer and Exchange Global Debt Securities and Book-Entry System in the accompanying prospectus.

Trustee

U.S. Bank National Association is the trustee under the indenture. Initially, the trustee will also act as the paying agent, registrar and custodian for the notes. In the ordinary course of their businesses, affiliates of the trustee have engaged in commercial banking transactions with us, and may in the future engage in commercial banking and other transactions with us.

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Material U.S. Federal Tax Considerations

The following is a summary of the material United States federal income and estate tax considerations relating to the ownership and disposition of the notes. It is not a complete analysis of all the potential tax considerations relating to the notes. This summary is based upon the provisions of the Internal Revenue Code of 1986, as amended, or the Code, Treasury Regulations promulgated under the Code, and currently effective administrative rulings and judicial decisions, all relating to the United States federal income tax treatment of debt instruments as of the date hereof. These authorities may be changed, perhaps with retroactive effect, so as to result in United States federal income tax consequences different from those set forth below.

This summary assumes that you purchased your outstanding notes upon their initial issuance at their initial offering price and that you held your outstanding notes, and you will hold your notes, as capital assets for United States federal income tax purposes. This summary does not address the tax considerations arising under the laws of any foreign, state or local jurisdiction. In addition, this discussion does not address all tax considerations that may be applicable to holders particular circumstances or to holders that may be subject to special tax rules, such as, for example:

holders subject to the alternative minimum tax;

banks, insurance companies, or other financial institutions;

tax-exempt organizations;

dealers in securities or commodities;

expatriates;

traders in securities that elect to use a mark-to-market method of accounting for their securities holdings;

U.S. Holders (as defined below) whose functional currency is not the United States dollar;

persons that will hold the notes as a position in a hedging transaction, straddle, conversion transaction or other risk reduction transaction;

persons deemed to sell the notes under the constructive sale provisions of the Code; or

partnerships or other pass-through entities.

If a partnership holds notes, the tax treatment of a partner in the partnership will generally depend upon the status of the partner and the activities of the partnership. If you are a partner of a partnership that will hold notes, you should consult your tax advisor regarding the tax consequences of holding the notes to you.

You are urged to consult your tax advisor with respect to the application of United States federal income tax laws to your particular situation as well as any tax consequences arising under the United States federal estate or gift tax rules or under the laws of any state, local, foreign or other taxing jurisdiction or under any applicable tax treaty.

Consequences to U.S. Holders

The following is a summary of the general United States federal income tax consequences that will apply to you if you are a U.S. Holder of the notes. Certain consequences to Non-U.S. Holders of the notes are described under Consequences to Non-U.S. Holders, below. U.S. Holder means a beneficial owner of a note that is, for United States federal income tax purposes:

a citizen or resident of the United States;

a corporation (or other entity treated as a corporation for United States federal income tax purposes) created or organized in or under the laws of the United States or any political subdivision of the United States;

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an estate the income of which is subject to United States federal income taxation regardless of its source; or

a trust that (1) is subject to the supervision of a court within the United States and the control of one or more U.S. persons or (2) has a valid election in effect under applicable Treasury Regulations to be treated as a U.S. person.

Payments of Interest

Stated interest on the notes will be taxable to you as ordinary income at the time it is paid or accrued in accordance with your method of accounting for United States federal income tax purposes.

Disposition of Notes

Upon the sale, exchange, redemption or other taxable disposition of a note, you will recognize taxable gain or loss equal to the difference between the amount realized on such disposition (except to the extent any amount realized is attributable to accrued but unpaid interest, which is treated as interest as described above) and your adjusted tax basis in the note. A U.S. Holder s adjusted tax basis in a note generally will equal the cost of the note to such holder.

Gain or loss recognized on the disposition of a note generally will be capital gain or loss, and will be long-term capital gain or loss if, at the time of such disposition, the U.S. Holder s holding period for the note is more than 12 months. The deductibility of capital losses by U.S. Holders is subject to certain limitations.

Information Reporting and Backup Withholding

In general, information reporting requirements will apply to certain payments of principal, premium (if any) and interest on and the proceeds of certain sales of notes unless you are an exempt recipient. Backup withholding (currently at a rate of 28%) will apply to such payments if you fail to provide your taxpayer identification number or certification of exempt status or have been notified by the Internal Revenue Service, or IRS, that payments to you are subject to backup withholding.

Any amounts withheld under the backup withholding rules will generally be allowed as a refund or a credit against your United States federal income tax liability provided that you furnish the required information to the IRS on a timely basis.

For taxable years beginning after December 31, 2012, U.S. Holders that are individuals, estates or trusts and whose income exceeds certain thresholds generally will be subject to a 3.8% Medicare contribution tax on unearned income, including, among other things, interest and gain on the disposition of notes. U.S. Holders should consult their own tax advisors regarding the effect, if any, of such tax on their investment in notes.

Consequences to Non-U.S. Holders

Non-U.S. Holders

As used in this prospectus supplement, the term Non-U.S. Holder means a beneficial owner of a note that is, for United States federal income tax purposes:

a nonresident alien individual;

a foreign corporation;

an estate the income of which is not subject to United States federal income taxation on a net income basis; or

a trust that (1) is either not subject to the supervision of a court within the United States or does not have any United States person with authority to control all substantial decisions of the trust and (2) does not have a valid election in effect under applicable Treasury regulations to be treated as a United States person.

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If a partnership, including any entity treated as a partnership for United States federal income tax purposes, is a holder of a note, the United States federal income tax treatment of a partner in such a partnership will generally depend on the status of the partner and the activities of the partnership. Partners in such a partnership should consult their tax advisors as to the particular United States federal income tax consequences applicable to them of acquiring, holding or disposing of the notes.

Under United States federal income tax law, and subject to the discussion of backup withholding below, if you are a Non-U.S. Holder of a note:

The withholding agent generally will not be required to deduct United States withholding tax from payments of interest to you if:

1. you do not actually or constructively own 10% or more of the total combined voting power of all classes of our stock entitled to vote;

2. you are not a controlled foreign corporation that is directly or indirectly related to us through stock ownership;

3. you are not a bank whose receipt of interest on a note is pursuant to a loan agreement entered into in the ordinary course of business; and

4. the withholding agent does not have actual knowledge or reason to know that you are a United States person and

   you have furnished to the withholding agent an IRS Form W-8BEN or an acceptable substitute form upon which you certify, under penalties of perjury, that you are a non-United States person;

   in the case of payments made outside the United States to you at an offshore account (generally, an account maintained by you at a bank or other financial institution at any location outside the United States), you have furnished to the withholding agent documentation that establishes your identity and your status as a non-United States person;

   the withholding agent has received a withholding certificate (furnished on an appropriate IRS Form W-8 or an acceptable substitute form or statement) from a person claiming to be a (1) withholding foreign partnership, (2) qualified intermediary, or (3) securities clearing organization, bank or other financial institution that holds customers securities in the ordinary course of its trade or business, and such person is permitted to certify under United States Treasury regulations, and does certify, either that it assumes primary withholding tax responsibility with respect to the interest payment or has received an IRS Form W-8BEN (or acceptable substitute form) from you or from other holders of notes on whose behalf it is receiving payment; or

   the withholding agent otherwise possesses documentation upon which it may rely to treat the payment as made to a non-United States person in accordance with United States Treasury regulations.

If you cannot satisfy the requirements described above, payments of interest made to you on the notes will generally be subject to the 30% United States federal withholding of tax, unless you provide the withholding agent either with (1) a properly executed IRS Form W-8BEN (or successor form) claiming an exemption from (or a reduction of) withholding under the benefits of an applicable tax treaty or (2) a properly executed IRS Form W-8ECI (or successor form) stating that interest paid on the note is not subject to withholding of tax because the interest is effectively connected with your conduct of a trade or business in the United States (and, generally in the case of an applicable tax treaty, attributable to your permanent establishment in the United States).

Generally, no deduction for any United States federal withholding of tax will be made from any principal payments or from gain that you realize on the sale, exchange or other disposition of your note. In addition, a Non-U.S. Holder of a note will not be subject to United States federal income tax on gain realized on the sale,

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exchange or other disposition of such note, unless: (1) that gain or income is effectively connected with the conduct of a trade or business in the United States by the Non-U.S. Holder or (2) the Non-U.S. Holder is an individual who is present in the United States for 183 days or more in the taxable year of that disposition, and certain other conditions are met. If you are described in clause (1), see Income or Gain Effectively Connected with a United States Trade or Business, below. If you are described in clause (2), any gain realized from the sale, redemption, exchange, retirement or other taxable disposition of the notes will be subject to United States federal income tax at a 30% rate (or lower applicable treaty rate), although the amount of gain subject to tax may be offset by certain losses.

Further, generally, a note held by an individual who at death is not a citizen or resident of the United States should not be includible in the individual s gross estate for United States federal estate tax purposes if:

- the decedent did not actually or constructively own 10% or more of the total combined voting power of all classes of our stock entitled to vote at the time of death, and
- the income on the note would not have been, if received at the time of death, effectively connected with a United States trade or business of the decedent.

Income or Gain Effectively Connected with a United States Trade or Business

If any interest on the notes or gain from the sale, redemption, exchange, retirement or other taxable disposition of the notes is effectively connected with a United States trade of business conducted by you (and, generally in the case of an applicable tax treaty, attributable to your permanent establishment in the United States), then the income or gain will be subject to United States federal income tax at regular graduated income tax rates, but will not be subject to United States withholding of tax if certain certification requirements are satisfied. You can generally meet these certification requirements by providing a properly executed IRS Form W-8ECI or appropriate substitute form to us, or our paying agent. If you are a corporation, the portion of your earnings and profits that is effectively connected with your United States trade of business (and, generally in the case of an applicable tax treaty, attributable to your permanent establishment in the United States) may be subject to an additional branch profits tax at a 30% rate, although an applicable tax treaty may provide for a lower rate.

Backup Withholding and Information Reporting

Generally, information returns will be filed with the United States IRS in connection with payments on the notes. Information reporting may be filed with the IRS in respect of payments on the notes and proceeds from the sale or other disposition of the notes. You may be subject to backup withholding of tax on these payments unless you comply with certain certification procedures to establish that you are not a United States person. The certification procedures required to claim an exemption from withholding tax on interest described above will satisfy the certification requirements necessary to avoid backup withholding as well. The amount of any backup withholding from a payment to you will be allowed as a credit against your United States federal income tax liability and may entitle you to a refund, provided that the required information is timely furnished to the IRS.

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Certain ERISA Considerations

The following summary regarding certain aspects of the United States Employee Retirement Income Security Act of 1974, as amended, or ERISA, and the Code is based on ERISA and the Code, judicial decisions and United States Department of Labor and IRS regulations and rulings that are in existence on the date of this prospectus supplement. This summary is general in nature and does not address every issue pertaining to ERISA that may be applicable to us, the notes or a particular investor. Accordingly, each prospective investor, including plan fiduciaries, should consult with his, her or its own advisors or counsel with respect to the advisability of an investment in the notes, and potentially adverse consequences of such investment, including, without limitation, certain ERISA-related issues that affect or may affect the investor with respect to this investment and the possible effects of changes in the applicable laws.

ERISA and the Code impose certain requirements on employee benefit plans that are subject to Title I of ERISA and plans subject to Section 4975 of the Code (each such employee benefit plan or plan, a Plan) and on those persons who are fiduciaries with respect to Plans. In considering an investment of the assets of a Plan subject to Title I of ERISA in the notes, a fiduciary must, among other things, discharge its duties solely in the interest of the participants of such Plan and their beneficiaries and for the exclusive purpose of providing benefits to such participants and beneficiaries and defraying reasonable expenses of administering the Plan. A fiduciary must act prudently and must diversify the investments of a Plan subject to Title I of ERISA so as to minimize the risk of large losses, as well as discharge its duties in accordance with the documents and instruments governing such Plan. In addition, ERISA generally requires fiduciaries to hold all assets of a Plan subject to Title I of ERISA in trust and to maintain the indicia of ownership of such assets within the jurisdiction of the district courts of the United States. A fiduciary of a Plan subject to Title I of ERISA should consider whether an investment in the notes satisfies these requirements.

An investor who is considering acquiring the notes with the assets of a Plan must consider whether the acquisition and holding of the notes will constitute or result in a non-exempt prohibited transaction. Section 406(a) of ERISA and Sections 4975(c)(1)(A), (B), (C) and (D) of the Code prohibit certain transactions that involve a Plan and a party in interest as defined in Section 3(14) of ERISA or a disqualified person as defined in Section 4975(e)(2) of the Code with respect to such Plan. Examples of such prohibited transactions include, but are not limited to, sales or exchanges of property (such as the notes) or extensions of credit between a Plan and a party in interest or disqualified person. Section 406(b) of ERISA and Sections 4975(c)(1)(E) and (F) of the Code generally prohibit a fiduciary with respect to a Plan from dealing with the assets of the Plan for its own benefit (for example when a fiduciary of a Plan uses its position to cause the Plan to make investments in connection with which the fiduciary (or a party related to the fiduciary) receives a fee or other consideration).

ERISA and the Code contain certain exemptions from the prohibited transactions described above, and the Department of Labor has issued several exemptions, although certain exemptions do not provide relief from the prohibitions on self-dealing contained in Section 406(b) of ERISA and Sections 4975(c)(1)(E) and (F) of the Code. Exemptions include Section 408(b)(17) of ERISA and Section 4975(d)(20) of the Code pertaining to certain transactions with non-fiduciary service providers; Department of Labor Prohibited Transaction Class Exemption (PTCE) 95-60, applicable to transactions involving insurance company general accounts; PTCE 90-1, regarding investments by insurance company pooled separate accounts; PTCE 91-38, regarding investments by bank collective investment funds; PTCE 84-14, regarding investments effected by a qualified professional asset manager; and PTCE 96-23, regarding investments effected by an in-house asset manager. There can be no assurance that any of these exemptions will be available with respect to the acquisition of the notes, even if the specified conditions are met. Under Section 4975 of the Code, excise taxes or other liabilities may be imposed on disqualified persons who participate in non-exempt prohibited transactions (other than a fiduciary acting only as such).

In addition, because the acquisition and holding of the notes may be deemed to involve an extension of credit or other transaction between a Plan and a party in interest or disqualified person, the notes may not be purchased or held by any Plan, or any person investing plan assets of any such Plan, if we or any of our affiliates

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(a) has investment or administrative discretion with respect to the assets of the Plan used to effect such purchase; (b) has the authority or responsibility to give, or regularly gives, investment advice with respect to such assets, for a fee and pursuant to an agreement or understanding that such advice (1) will serve as a primary basis for investment decisions with respect to such assets, and (2) will be based on the particular investment needs of such Plan; or (c) unless one of the above exemptions applies, is an employer maintaining or contributing to such Plan.

As a general rule, a governmental plan, as defined in Section 3(32) of ERISA (a Governmental Plan), a church plan, as defined in Section 3(33) of ERISA, that has not made an election under Section 410(d) of the Code (a Church Plan) and non-United States plans are not subject to the requirements of ERISA or Section 4975 of the Code. Accordingly, assets of such plans may be invested without regard to the fiduciary and prohibited transaction considerations described above. Although a Governmental Plan, a Church Plan or a non-United States plan is not subject to ERISA or Section 4975 of the Code, it may be subject to other United States federal, state or local laws or non-United States laws that regulate its investments (a Similar Law). A fiduciary of a Government Plan, a Church Plan or a non-United States plan should make its own determination as to the requirements, if any, under any Similar Law applicable to the acquisition of the notes.

The notes may be acquired by a Plan, an entity whose underlying assets include plan assets by reason of investments in such entity by any Plans (a Plan Asset Entity), and any person investing in plan assets of any Plan or Plan Asset Entity or by a Governmental Plan, a Church Plan or a non United States Plan, but only if the acquisition will not result in a non-exempt prohibited transaction under ERISA or Section 4975 of the Code or a violation of Similar Law. Therefore, any investor in the notes will be deemed to represent and warrant to us and the trustee that (1)(a) it is not (i) a Plan, (ii) a Plan Asset Entity, (iii) a Governmental Plan, (iv) a Church Plan or (v) a non-United States plan, (b) it is a Plan or a Plan Asset Entity and the acquisition and holding of the notes will not result in a non-exempt prohibited transaction under Section 406 of ERISA or Section 4975 of the Code, or (c) it is a Governmental Plan, a Church Plan or a non-United States plan that is not subject to (i) ERISA, (ii) Section 4975 of the Code or (iii) any Similar Law that prohibits or taxes (in terms of an excise or penalty tax) the acquisition or holding of the notes; and (2) it will notify us and the trustee immediately if, at any time, it is no longer able to make the representations contained in clause (1) above. Any purported transfer of the notes to a transferee that does not comply with the foregoing requirements shall be null and *void ab initio*.

This offer is not a representation by us or the underwriters that an acquisition of the notes meets all legal requirements applicable to investments by Plans, Plan Asset Entities, Governmental Plans, Church Plans or non-United States plans or that such an investment is appropriate for any particular Plan, entities whose underlying assets include assets of a Plan, Governmental Plan, Church Plan or non-United States plan.

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Underwriting (Conflicts of Interest)

Subject to the terms and conditions in the underwriting agreement among us, Banc of America Securities LLC and J.P. Morgan Securities LLC, as representatives of the underwriters named below, we have agreed to sell to each underwriter, and each underwriter has severally agreed to purchase from us, the principal amount of notes set forth opposite the names of the underwriters below:

Underwriter	Principal Amount of 20 Senior Notes	Principal Amount of 20 Senior Notes
Banc of America Securities LLC	$	$
J.P. Morgan Securities LLC		
Total	$	$

The underwriting agreement provides that the underwriters severally and not jointly agree to purchase all of the notes if any of them are purchased. If an underwriter defaults, the underwriting agreement provides that the purchase commitments of the non-defaulting underwriters may be increased or the underwriting agreement may be terminated.

The underwriters initially propose to offer the notes to the public at the public offering prices that appear on the cover page of this prospectus supplement. The underwriters may offer the notes to selected dealers at the public offering price minus a concession of up to % of the principal amount of the 20 senior notes and % of the principal amount of the 20 senior notes. In addition, the underwriters may allow, and those selected dealers may reallow, a concession of up to % of the principal amount of the 20 senior notes and % of the principal amount of the 20 senior notes to certain other dealers. After the initial offering, the underwriters may change the public offering price and any other selling terms. The underwriters may offer and sell the notes through certain of their affiliates.

The following table shows the underwriting discounts and commissions to be paid to the underwriters in connection with this offering (expressed as a percentage of the principal amount of the notes).

	Paid by us
Per 20 senior note	%
Per 20 senior note	%

In the underwriting agreement, we have agreed that:

We will pay our expenses related to the offering, which we estimate will be approximately $500,000.

We will indemnify the underwriters against certain liabilities, including liabilities under the Securities Act of 1933, or contribute to payments that the underwriters may be required to make in respect of those liabilities.

The underwriters are offering the notes, subject to prior sale, when, as and if issued to and accepted by them, subject to approval of legal matters by their counsel, including the validity of the notes, and other conditions contained in the underwriting agreement, such as the receipt by the underwriters of an officer s certificate and legal opinions. The underwriters reserve the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

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Each of the series of notes is a new issue of securities, and there is currently no established trading market for either series of notes. We do not intend to apply for the notes to be listed on any securities exchange or to arrange for the notes to be quoted on any quotation system. The underwriters have advised us that they intend to make a market in each series of notes, but they are not obligated to do so. The underwriters may discontinue any market making in either series of notes at any time in their sole discretion without notice. Accordingly, we cannot assure you that liquid trading markets will develop for the notes, that you will be able to sell your notes at a particular time or that the prices that you receive when you sell will be favorable.

In connection with the offering of the notes, the underwriters may engage in over-allotment, stabilizing transactions and syndicate covering transactions. Over-allotment involves sales in excess of the offering size, which creates a short position for the underwriters. Stabilizing transactions involve bids to purchase the notes in the open market for the purpose of pegging, fixing or maintaining the price of the notes. Syndicate-covering transactions involve purchases of the notes in the open market after the distribution has been completed in order to cover short positions. Stabilizing transactions and syndicate-covering transactions may cause the prices of the notes to be higher than it would otherwise be in the absence of those transactions. If the underwriters engage in stabilizing or syndicate-covering transactions, they may discontinue them at any time without notice.

Selling Restrictions

The notes may be offered and sold in the United States and certain jurisdictions outside of the United States in which such offer and sale is permitted.

European Economic Area

In relation to each member state of the European Economic Area that has implemented the Prospectus Directive (each, a relevant member state), each underwriter has represented and agreed with effect from and including the date on which the Prospectus Directive is implemented in that relevant member state (the relevant implementation date), an offer of securities described in this prospectus supplement may not be made to the public in that relevant member state other than:

- to any legal entity that is authorized or regulated to operate in the financial markets or, if not so authorized or regulated, whose corporate purpose is solely to invest in securities;
- to any legal entity that has two or more of: (1) an average of at least 250 employees during the last financial year; (2) a total balance sheet of more than 43 million; and (3) an annual net turnover of more than 50 million, as shown in its last annual or consolidated accounts;
- to fewer than 100 natural or legal persons (other than qualified investors as defined below); or
- in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of notes shall require the publication of a prospectus pursuant to Article 3 of the Prospectus Directive.

Each purchaser of notes described in this prospectus supplement located within a relevant member state will be deemed to have represented, acknowledged and agreed that it is a qualified investor within the meaning of Article 2(1)(e) of the Prospectus Directive.

For purposes of this provision, the expression an offer of securities to the public in any relevant member state means the communication in any form and by any means of sufficient information on the terms of the offer and the securities to be offered so as to enable an investor to decide to purchase or subscribe the securities, as the expression may be varied in that relevant member state by any measure implementing the Prospectus Directive in that relevant member state, and the expression Prospectus Directive means Directive 2003/71/EC and includes any relevant implementing measure in each relevant member state.

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The sellers of the notes have not authorized and do not authorize the making of any offer of notes through any financial intermediary on their behalf, other than offers made by the underwriters with a view to the final placement of the notes as contemplated in this prospectus supplement. Accordingly, no purchaser of the notes, other than the underwriters, is authorized to make any further offer of the notes on behalf of the sellers or the underwriters.

United Kingdom

This prospectus supplement is only being distributed to, and is only directed at, persons in the United Kingdom that are qualified investors within the meaning of Article 2(1)(e) of the Prospectus Directive who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the Order); and/ or (ii) are high net worth entities falling within Article 49(2)(a) to (d) of the Order; and (iii) other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as relevant persons). This prospectus supplement and its contents are confidential and should not be distributed, published or reproduced (in whole or in part) or disclosed by recipients to any other persons in the United Kingdom. Any person in the United Kingdom that is not a relevant person should not act or rely on this document or any of its contents.

Conflicts of Interest

Certain of the underwriters and their affiliates have provided in the past to us and our affiliates and may provide from time to time in the future, various financial advisory, commercial banking or investment banking and other services for us and such affiliates in the ordinary course of their business, for which they have received and may continue to receive customary fees and commissions. In particular, affiliates of Banc of America Securities LLC and J.P. Morgan Securities LLC are parties to and lenders under our credit facility. Our credit facility was negotiated on an arms length basis and contains customary terms pursuant to which the lenders receive customary fees. A portion of the proceeds from this offering will be used for the repayment of all of the borrowings outstanding under the revolving portion of our credit facility. Accordingly, because more than 10% of the net proceeds from this offering could potentially be paid to affiliates of the underwriters, this offering will be made pursuant to the applicable provisions of FINRA Rule 5110(h) and in compliance with the requirements of NASD Rule 2720. See Use of Proceeds. In addition, from time to time, certain of the underwriters and their affiliates may effect transactions for their own account or the account of customers, and hold on behalf of themselves or their customers, long or short positions in our debt or equity securities or loans, and may do so in the future.

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Legal Matters

Jones Day will pass upon the validity of the notes. Certain legal matters relating to the offering of the notes will be passed upon for the underwriters by Davis Polk & Wardwell LLP.

Experts

The consolidated financial statements, and the related financial statement schedule, incorporated in this prospectus supplement by reference from Cliffs Natural Resources Inc. s Annual Report on Form 10-K for the year ended December 31, 2009, and the effectiveness of Cliffs Natural Resources Inc. s internal control over financial reporting have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference. Such financial statements and financial statement schedule have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

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PROSPECTUS

Cliffs Natural Resources Inc.

Debt Securities

We may offer and sell from time to time our debt securities. We may sell these debt securities in one or more offerings at prices and on other terms to be determined at the time of offering.

We will provide the specific terms of the debt securities to be offered in one or more supplements to this prospectus. You should read this prospectus and the applicable prospectus supplement carefully before you invest in our debt securities. This prospectus may not be used to offer and sell our debt securities unless accompanied by a prospectus supplement describing the method and terms of the offering of those offered debt securities.

We may offer our debt securities through agents, underwriters or dealers or directly to investors. Each prospectus supplement will provide the amount, price and terms of the plan of distribution relating to the debt securities to be sold pursuant to such prospectus supplement. We will set forth the names of any underwriters or agents in the accompanying prospectus supplement, as well as the net proceeds we expect to receive from such sale.

Investing in any of our debt securities involves risk. Please read carefully the section entitled Risk Factors on page 4 of this prospectus and the information included and incorporated by reference in this prospectus.

Our common shares are listed on the New York Stock Exchange and the Professional Segment of NYSE Euronext Paris under the symbol CLF. If we decide to seek a listing of any debt securities offered by this prospectus, we will disclose the exchange or market on which the debt securities will be listed, if any, or where we have made an application for listing, if any, in one or more supplements to this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is March 10, 2010

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission using a shelf registration process. Under this shelf registration process, we may from time to time sell the debt securities described in this prospectus in one or more offerings at prices and on other terms to be determined at the time of offering.

This prospectus provides you with a general description of the debt securities we may offer. Each time we sell debt securities, we will provide a prospectus supplement that will contain more specific information about the terms of that offering. For a more complete understanding of the offering of the debt securities, you should refer to the registration statement, including its exhibits. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information under the heading Where You Can Find More Information and Information We Incorporate By Reference.

You should rely only on the information contained or incorporated by reference in this prospectus and in any prospectus supplement or in any free writing prospectus that we may provide to you. We have not authorized anyone to provide you with different information. You should not assume that the information contained in this prospectus, any prospectus supplement or any document incorporated by reference is accurate as of any date other than the date mentioned on the cover page of these documents. We are not making offers to sell the debt securities in any jurisdiction in which an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation.

References in this prospectus to the terms we, us, our or Cliffs or other similar terms mean Cliffs Natural Resources Inc. and its consolidated subsidiaries, unless we state otherwise or the context indicates otherwise.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational reporting requirements of the Securities Exchange Act of 1934. We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available over the Internet at the SEC s website at www.sec.gov. You may read and copy any reports, statements and other information filed by us at the SEC s Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call 1-800-SEC-0330 for further information on the Public Reference Room. You may also inspect our SEC reports and other information at the New York Stock Exchange, 20 Broad Street, New York, New York 10005 or at our website at http://www.cliffsnaturalresources.com. We do not intend for information contained on our website to be part of this prospectus, other than documents that we file with the SEC that are incorporated by reference in this prospectus.

INFORMATION WE INCORPORATE BY REFERENCE

The SEC allows us to incorporate by reference into this prospectus the information in documents we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. Any statement contained in any document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in or omitted from this prospectus or any accompanying prospectus supplement, or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

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We incorporate by reference the documents listed below and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act until the completion of the offering of securities described in this prospectus:

- our Annual Report on Form 10-K for the year ended December 31, 2009;
- our Current Reports on Form 8-K, as filed with the SEC on January 13, 2010, January 25, 2010, February 3, 2010 and March 10, 2010; and
- our Definitive Proxy Statement on Schedule 14A, as filed with the SEC on March 23, 2009.

We will not, however, incorporate by reference in this prospectus any documents or portions thereof that are not deemed filed with the SEC, including any information furnished pursuant to Item 2.02 or Item 7.01 of our Current Reports on Form 8-K unless, and except to the extent, specified in such Current Reports.

We will provide you with a copy of any of these filings (other than an exhibit to these filings, unless the exhibit is specifically incorporated by reference into the filing requested) at no cost, if you submit a request to us by writing or telephoning us at the following address and telephone number:

Cliffs Natural Resources Inc.

Investor Relations

200 Public Square

Suite 3300

Cleveland, Ohio 44114

(216) 694-5700

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DISCLOSURE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, including the documents incorporated by reference, contains, and any prospectus supplement may contain, statements that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements may be identified by the use of predictive, future-tense or forward-looking terminology, such as believes, anticipates, expects, estimates, intends, may, will or similar terms. These statements speak only as of the date of this prospectus or the date of the document incorporated by reference, as applicable, and we undertake no ongoing obligation, other than that imposed by law, to update these statements. These statements appear in a number of places in this prospectus, including the documents incorporated by reference, and relate to, among other things, our intent, belief or current expectations of our directors or our officers with respect to: our future financial condition, results of operations or prospects; estimates of our economic iron ore and coal reserves; our business and growth strategies; and our financing plans and forecasts. You are cautioned that any such forward-looking statements are not guarantees of future performance and involve significant risks and uncertainties, and that actual results may differ materially from those contained in or implied by the forward-looking statements as a result of various factors, some of which are unknown, including, without limitation:

- the impact of the current global economic crisis, including downward pressure on prices;
- trends affecting our financial condition, results of operations or future prospects;
- the outcome of any contractual disputes with our customers;
- the ability of our customers to meet their obligations to us on a timely basis or at all;
- our actual economic iron ore and coal reserves;
- the success of our business and growth strategies;
- our ability to successfully identify and consummate any strategic investments;
- adverse changes in currency values;
- the outcome of any contractual disputes with our significant energy, material or service providers;
- the success of our cost-savings efforts;
- our ability to maintain adequate liquidity and successfully implement our financing plans;
- our ability to maintain appropriate relations with unions and employees;

uncertainties associated with unanticipated geological conditions related to underground mining;

the potential existence of significant deficiencies or material weakness in our internal control over financial reporting; and

the risk factors referred to in the Risk Factors section of this prospectus.

These factors and the other risk factors described in this prospectus, including the documents incorporated by reference, are not necessarily all of the important factors that could cause actual results to differ materially from those expressed in any of our forward-looking statements. Other unknown or unpredictable factors also could harm our results. Consequently, there can be no assurance that the actual results or developments anticipated by us will be realized or, even if substantially realized, that they will have the expected consequences to or effects on us. Given these uncertainties, prospective investors are cautioned not to place undue reliance on such forward-looking statements.

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OUR BUSINESS

Cliffs Natural Resources Inc. traces its corporate history back to 1847. Today, we are an international mining and natural resources company. We are the largest producer of iron ore pellets in North America, a major supplier of direct-shipping lump and fines iron ore out of Australia, and a significant producer of metallurgical coal. With core values of environmental and capital stewardship, our colleagues across the globe endeavor to provide all stakeholders operating and financial transparency as embodied in the GRI framework. Our company s operations are organized according to product category and geographic location: North American Iron Ore, North American Coal, Asia Pacific Iron Ore, Asia Pacific Coal and Latin American Iron Ore.

In North America, we operate six iron ore mines in Michigan, Minnesota and Eastern Canada, and two coking coal mining complexes located in West Virginia and Alabama. Our Asia Pacific operations are comprised of two iron ore mining complexes in Western Australia, serving the Asian iron ore markets with direct-shipping fines and lump ore, and a 45 percent economic interest in a coking and thermal coal mine located in Queensland, Australia. In Latin America, we have a 30 percent interest in a Brazilian iron ore project. In addition, we have recently established a global exploration group under which we have several projects and potential opportunities to diversify our products, expand our production volumes, extend our mine lives and develop large-scale ore bodies through early involvement in exploration and development activities globally. Cliffs principal executive offices are located at: 200 Public Square, Suite 3300, Cleveland, Ohio 44114, and its telephone number is: (216) 694-5700.

RISK FACTORS

Investing in our debt securities involves risk. Prior to making a decision about investing in our debt securities, you should carefully consider the specific factors discussed under the heading Risk Factors in our most recent Annual Report on Form 10-K filed with the SEC, in each case as these risk factors are amended or supplemented by subsequent Quarterly Reports on Form 10-Q, which have been or will be incorporated by reference into this document. The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties that are not yet identified may also materially harm our business, operating results and financial condition and could result in a complete loss of your investment.

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USE OF PROCEEDS

Unless we inform you otherwise in the applicable prospectus supplement, we expect to use the net proceeds from the sale of our debt securities to which this prospectus relates for general corporate purposes. These purposes may include, but are not limited to:

- reduction or refinancing of outstanding indebtedness or other corporate obligations;
- additions to working capital;
- capital expenditures; and
- acquisitions.

Pending any specific application, we may initially invest funds in short-term marketable securities.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratio of consolidated earnings to fixed charges for the periods presented:

	Year ended December 31,				
	2009	**2008**	**2007**	**2006**	**2005**
Ratio of Earnings to Fixed Charges	6.1x	15.2x	14.2x	37.4x	40.0x

Fixed charges represent interest expense, capitalized interest, acceleration of debt issuance costs and the interest portion of rental expense.

Earnings represent the consolidated pretax income from continuing operations before extraordinary items (excluding undistributed earnings of non-consolidated affiliates), net adjustments for capitalized interest and fixed charges deducted from earnings.

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DESCRIPTION OF DEBT SECURITIES

The following description sets forth certain general terms and provisions of the debt securities that we may issue. We will set forth the particular terms of the debt securities we offer in a prospectus supplement and the extent, if any, to which the following general terms and provisions will apply to particular debt securities.

The debt securities will be issued under an indenture to be entered into between us and U.S. Bank National Association, as trustee. The indenture, and any supplemental indentures thereto, will be subject to, and governed by, the Trust Indenture Act of 1939, as amended. The following description of general terms and provisions relating to the debt securities and the indenture under which the debt securities will be issued is a summary only and therefore is not complete and is subject to, and qualified in its entirety by reference to, the terms and provisions of the indenture. The form of the indenture has been filed with the SEC as an exhibit to the registration statement, of which this prospectus forms a part, and you should read the indenture for provisions that may be important to you. For more information on how you can obtain a copy of the form of the indenture, see Where You Can Find More Information.

Capitalized terms used in this section and not defined herein have the meanings specified in the indenture. When we refer to we, us, our or Cliffs in this section, we mean Cliffs Natural Resources Inc. excluding, unless the context otherwise requires or as otherwise expressly stated, its subsidiaries.

Unless otherwise specified in a prospectus supplement, the debt securities will be our direct, unsecured obligations and will rank equally with all of our other unsecured indebtedness.

General

The terms of each series of debt securities will be established by or pursuant to a resolution of our Board of Directors and set forth or determined in the manner provided in a resolution of our Board of Directors, supplemental indenture or officers certificate. The particular terms of each series of debt securities will be described in a prospectus supplement relating to such series (including any pricing supplement or term sheet).

We can issue an unlimited amount of debt securities under the indenture that may be in one or more series. Debt securities may differ between series in respect to any matter, but all series of debt securities will be equally and ratably entitled to the benefits of the indenture. We will set forth in a prospectus supplement (including any pricing supplement or term sheet) relating to any series of debt securities being offered, the aggregate principal amount and the following terms of the debt securities, if applicable:

- the title of the series of debt securities;
- the price or prices (expressed as a percentage of the principal amount) at which the series of debt securities will be issued;
- any limit on the aggregate principal amount of the series of debt securities;
- the date or dates on which the principal on the series of debt securities is payable;
- the rate or rates (which may be fixed or variable) per annum, if applicable, or the method used to determine such rate or rates (including any commodity, commodity index, stock exchange index or financial index) at which the series of debt securities will bear interest, if any, the date or dates from which such interest, if any, will accrue, the date or dates on which such interest, if any, will commence and be payable and any regular record date for the interest payable on any interest payment date;
- the place or places where the principal of and interest, if any, on the series of debt securities will be payable;

if applicable, the period within which, the price at which and the terms and conditions upon which the series of debt securities may be redeemed (in whole or in part, at our option);

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any obligation we may have to redeem or purchase the series of debt securities pursuant to any sinking fund or analogous provisions or at the option of a holder of the series of debt securities and the terms and conditions of such obligation;

the dates, if any, on which and the price or prices at which we will repurchase the series of debt securities at the option of the holders of that series of debt securities and other detailed terms and provisions of such repurchase obligations;

the denominations in which the series of debt securities will be issued, if other than denominations of $1,000 and any integral multiple thereof;

the form of the series of debt securities and whether the series of debt securities will be issuable as global debt securities and any appropriate legends if the debt securities are discount securities;

the portion of principal amount of the series of debt securities payable upon declaration of acceleration of the maturity date, if other than the principal amount;

the currency of denomination of the series of debt securities and, if other than U.S. Dollars or the ECU, the agency responsible for overseeing such currency;

the designation of the currency, currencies or currency units in which payment of principal of, premium and interest, if any, on the series of debt securities will be made;

if payments of principal of, premium or interest, if any, on the series of debt securities will be made in one or more currencies or currency units other than that or those in which the series of debt securities are denominated, the manner in which the exchange rate with respect to such payments will be determined;

the manner in which the amounts of payment of principal of or interest on the series of debt securities will be determined, if such amounts may be determined by reference to an index based on a currency or currencies or by reference to a commodity, commodity index, stock exchange index or financial index;

any provisions relating to any security provided for the series of debt securities;

any addition to or change in the Events of Default described in this prospectus or in the indenture which applies to the series of debt securities and any change in the right of the trustee or the holders of the series of debt securities to declare the principal amount thereof due and payable;

any addition to or change in the covenants described in this prospectus or in the indenture with respect to the series of debt securities;

any other terms of the series of debt securities (which may supplement, modify or delete any provision of the indenture as it applies to such series);

any depositaries, interest rate calculation agents, exchange rate calculation agents or other agents with respect to the series of debt securities, if other than appointed in the indenture;

any provisions relating to conversion of the series of debt securities; and

whether the series of debt securities will be senior or subordinated debt securities and a description of the subordination thereof.

In addition, the indenture does not limit our ability to issue subordinated debt securities. Any subordination provisions of a particular series of debt securities will be set forth in the resolution of our Board of Directors, the officers certificate or supplemental indenture related to that series of debt securities and will be described in the relevant prospectus supplement.

We may issue debt securities that provide for an amount less than their stated principal amount to be due and payable upon declaration of acceleration of their maturity pursuant to the terms of the indenture. We will provide you with information on the federal income tax considerations and other special considerations applicable to any of these debt securities in the applicable prospectus supplement.

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If we denominate the purchase price of any of the debt securities in a foreign currency or currencies or a foreign currency unit or units, or if the principal of and any premium and interest on any series of debt securities is payable in a foreign currency or currencies or a foreign currency unit or units, we will provide you with information on the restrictions, elections, general tax considerations, specific terms and other information with respect to that issue of debt securities and such foreign currency or currencies or foreign currency unit or units in the applicable prospectus supplement.

Transfer and Exchange

Each debt security will be represented by either one or more global securities registered in the name of The Depository Trust Company, as Depositary (the Depositary), or a nominee (we will refer to any debt security represented by a global debt security as a book-entry debt security), or a certificate issued in definitive registered form (we will refer to any debt security represented by a certificated security as a certificated debt security) as set forth in the applicable prospectus supplement. Except as set forth under the heading Global Debt Securities and Book-Entry System below, book-entry debt securities will not be issuable in certificated form.

Certificated Debt Securities. You may transfer or exchange certificated debt securities at any office we maintain for this purpose in accordance with the terms of the indenture. No service charge will be made for any transfer or exchange of certificated debt securities (except as expressly permitted under the indenture), but we may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection with a transfer or exchange.

You may effect the transfer of certificated debt securities and the right to receive the principal of and interest on certificated debt securities only by surrendering the certificate representing those certificated debt securities and either reissuance by us of the certificate to the new holder or the issuance by us of a new certificate to the new holder.

Global Debt Securities and Book-Entry System. Each global debt security representing book-entry debt securities will be issued to the Depositary or a nominee of the Depositary and registered in the name of the Depositary or a nominee of the Depositary.

The Depositary has indicated it intends to follow the following procedures with respect to book-entry debt securities.

Ownership of beneficial interests in book-entry debt securities will be limited to persons that have accounts with the Depositary for the related global debt security (participants) or persons that may hold interests through participants. Upon the issuance of a global debt security, the Depositary will credit, on its book-entry registration and transfer system, the participants accounts with the respective principal amounts of the book-entry debt securities represented by such global debt security beneficially owned by such participants. The accounts to be credited will be designated by any dealers, underwriters or agents participating in the distribution of the book-entry debt securities. Ownership of book-entry debt securities will be shown on, and the transfer of such ownership interests will be effected only through, records maintained by the Depositary for the related global debt security (with respect to interests of participants) and on the records of participants (with respect to interests of persons holding through participants). The laws of some states may require that certain purchasers of securities take physical delivery of such securities in definitive form. These laws may impair the ability to own, transfer or pledge beneficial interests in book-entry debt securities.

So long as the Depositary for a global debt security, or its nominee, is the registered owner of that global debt security, the Depositary or its nominee, as the case may be, will be considered the sole owner or holder of the book-entry debt securities represented by such global debt security for all purposes under the indenture. Except as described below, beneficial owners of book-entry debt securities will not be entitled to have securities

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registered in their names, will not receive or be entitled to receive physical delivery of a certificate in definitive form representing securities and will not be considered the owners or holders of those securities under the indenture. Accordingly, each person beneficially owning book-entry debt securities must rely on the procedures of the Depositary for the related global debt security and, if such person is not a participant, on the procedures of the participant through which such person owns its interest, to exercise any rights of a holder under the indenture.

We understand, however, that under existing industry practice, the Depositary will authorize the persons on whose behalf it holds a global debt security to exercise certain rights of holders of debt securities, and the indenture provides that we, the trustee and our respective agents will treat as the holder of a debt security the persons specified in a written statement of the Depositary with respect to such global debt security for purposes of obtaining any consents, declarations, waivers or directions required to be given by holders of the debt securities pursuant to the indenture.

We will make payments of principal of, and premium and interest, if any, on book-entry debt securities to the Depositary or its nominee, as the case may be, as the registered holder of the related global debt security. Cliffs, the trustee and any other agent of ours or agent of the trustee will not have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a global debt security or for maintaining, supervising or reviewing any records relating to beneficial ownership interests.

We expect that the Depositary, upon receipt of any payment of principal of, premium or interest, if any, on a global debt security, will immediately credit participants accounts with payments in amounts proportionate to the respective amounts of book-entry debt securities held by each participant as shown on the records of such Depositary. We also expect that payments by participants to owners of beneficial interests in book-entry debt securities held through those participants will be governed by standing customer instructions and customary practices, as is now the case with the securities held for the accounts of customers in bearer form or registered in street name, and will be the responsibility of those participants.

We will issue certificated debt securities in exchange for each global debt security only if (i) the Depositary notifies us that it is unwilling or unable to continue as Depositary for such global debt security or if at any time such Depositary ceases to be a clearing agency registered under the Exchange Act, and, in either case, we fail to appoint a successor Depositary registered as a clearing agency under the Exchange Act within 90 days of such event or (ii) we execute and deliver to the trustee an officers certificate to the effect that such global debt security shall be so exchangeable. Any certificated debt securities issued in exchange for a global debt security will be registered in such name or names as the Depositary shall instruct the trustee. We expect that such instructions will be based upon directions received by the Depositary from participants with respect to ownership of book-entry debt securities relating to such global debt security.

We have obtained the foregoing information concerning the Depositary and the Depositary s book-entry system from sources we believe to be reliable, but we take no responsibility for the accuracy of this information.

No Protection In the Event of a Change of Control

Unless we state otherwise in the applicable prospectus supplement, the debt securities will not contain any provisions which may afford holders of the debt securities protection in the event we have a change in control or in the event of a highly leveraged transaction (whether or not such transaction results in a change in control) that could adversely affect holders of debt securities.

Covenants

We will set forth in the applicable prospectus supplement any restrictive covenants applicable to any issue of debt securities.

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Consolidation, Merger and Sale of Assets

We may not consolidate with or merge with or into, or convey, transfer or lease all or substantially all of our properties and assets to, any person (a successor person) unless:

- we are the surviving corporation or the successor person (if other than Cliffs) is a corporation organized and validly existing under the laws of any U.S. domestic jurisdiction and expressly assumes our obligations on the debt securities and under the indenture;
- immediately after giving effect to the transaction, no Event of Default, and no event which, after notice or passage of time, or both, would become an Event of Default, shall have occurred and be continuing under the indenture; and
- certain other conditions provided for in the indenture are met.

Notwithstanding the above, any subsidiary of Cliffs may consolidate with, merge into or transfer all or part of its properties to Cliffs or its subsidiaries.

Events of Default

Event of Default means with respect to any series of debt securities, any of the following events, unless in the board resolution, supplemental indenture or officers certificate, it is provided that such series of debt securities shall not have the benefit of a particular Event of Default:

- default in the payment of any interest upon any debt security of that series when it becomes due and payable, and continuance of that default for a period of 30 days (unless the entire amount of the payment is deposited by us with the trustee or with a paying agent prior to the expiration of such period of 30 days);
- default in the payment of principal of any debt security of that series at maturity or which such principal otherwise becomes due and payable;
- default is made in the deposit of any sinking fund payment when as due by the terms of a security;
- default in the performance or breach of any other covenant or warranty by us in the indenture (other than a covenant or warranty that has been included in the indenture solely for the benefit of a series of debt securities other than that series), which default continues uncured for a period of 60 days after written notice thereof has been given, by registered or certified mail, to us by the trustee or to us and the trustee by the holders of at least 25% in principal amount of the outstanding debt securities of that series, as provided in the indenture;
- certain events of bankruptcy, insolvency or reorganization of Cliffs; and
- any other Event of Default provided with respect to debt securities of that series that is described in the applicable board resolution, supplemental indenture or officers certificate establishing such series of debt securities.

No Event of Default with respect to a particular series of debt securities (except as to certain events of bankruptcy, insolvency or reorganization) necessarily constitutes an Event of Default with respect to any other series of debt securities. The occurrence of certain Events of Default or an acceleration under the indenture may constitute an event of default under certain of our other indebtedness outstanding from time to time.

If an Event of Default with respect to debt securities of any series at the time outstanding occurs and is continuing, then the trustee or the holders of not less than 25% in principal amount of the outstanding debt securities of that series may, by a notice in writing to us (and to the trustee if given by the holders), declare to be due and payable immediately the principal (or, if the debt securities of that series are discount securities, that portion of the principal amount as may be specified in the terms of that series) of accrued and unpaid interest, if

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any, on all debt securities of that series. In the case of an Event of Default resulting from certain events of bankruptcy, insolvency or reorganization, the principal (or such specified amount) of and accrued and unpaid interest, if any, on all outstanding debt securities will become and be immediately due and payable without any declaration or other act on the part of the trustee or any holder of outstanding debt securities. At any time after a declaration of acceleration with respect to debt securities of any series has been made, and before a judgment or decree for payment of the money due has been obtained by the trustee, the holders of a majority in principal amount of the outstanding debt securities of that series may rescind and annul the acceleration if all Events of Default, other than the non-payment of accelerated principal and interest, if any, with respect to debt securities of that series, have been cured or waived as provided in the indenture. We will describe in the prospectus supplement relating to any series of debt securities that are discount securities the particular provisions relating to acceleration of a portion of the principal amount of such discount securities upon the occurrence of an Event of Default.

The indenture provides that the trustee will be under no obligation to exercise any of its rights or powers under the indenture unless the trustee receives indemnity satisfactory to it against any loss, liability or expense. Subject to certain rights of the trustee, the holders of a majority in principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred on the trustee, with respect to the debt securities of that series.

No holder of any debt security of any series will have any right to institute any proceeding, judicial or otherwise, with respect to the indenture or for the appointment of a receiver or trustee, or for any remedy under the indenture, unless:

- that holder has previously given to the trustee written notice of a continuing Event of Default with respect to debt securities of that series; and
- the holders of not less than 25% in principal amount of the outstanding debt securities of that series have made written request, and offered reasonable indemnity against the costs, expenses and liabilities to be incurred in compliance with such request, to the trustee to institute the proceeding as trustee, and the trustee has not received from the holders of a majority in principal amount of the outstanding debt securities of that series a direction inconsistent with that request and has failed to institute the proceeding within 60 days.

Notwithstanding any other provision of the indenture, the holder of any debt security will have an absolute and unconditional right to receive payment of the principal of, premium and interest, if any, on that debt security on or after the due dates expressed in that debt security and to institute suit for the enforcement of payment.

The indenture requires us, within 120 days after the end of our fiscal year, to furnish to the trustee an officers certificate as to compliance with the indenture. The indenture provides that the trustee may withhold notice to the holders of debt securities of any series of any event which, after notice or passage of time, or both, would become an Event of Default or any Event of Default (except in payment of principal of or interest on any debt securities of that series) with respect to debt securities of that series if the trustee in good faith determines that withholding notice is in the interest of the holders of those debt securities.

Modification and Waiver

We may modify and amend the indenture with the consent of the holders of at least a majority in principal amount of the outstanding debt securities of each series affected by the modifications or amendments. We may not make any modification or amendment without the consent of the holders of each affected debt security then outstanding if that amendment will:

- reduce the principal amount of debt securities whose holders must consent to an amendment, supplement or waiver;

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reduce the rate of or extend the time for payment of interest (including default interest) on any debt security;

reduce the principal or change the stated maturity date of any debt security or reduce the amount of, or postpone the date fixed for, the payment of any sinking fund or analogous obligation with respect to any series of debt securities;

reduce the principal amount of discount securities payable upon acceleration of maturity;

waive a default in the payment of the principal of or interest, if any, on any debt security (except a rescission of acceleration of the debt securities of any series by the holders of at least a majority in aggregate principal amount of the then outstanding debt securities of that series and a waiver of the payment default that resulted from such acceleration);

make the principal of or interest on any debt security payable in currency other than that stated in the debt security;

make any change to certain provisions of the indenture relating to, among other things, the right of holders of debt securities to receive payment of the principal of and interest on those debt securities and to institute suit for the enforcement of any such payment and to waivers or amendments; or

waive a redemption payment, provided that it is made at the option of Cliffs, with respect to any debt security.

Except for certain specified provisions, the holders of at least a majority in principal amount of the outstanding debt securities of any series may on behalf of the holders of all debt securities of that series waive our compliance with provisions of the indenture. The holders of a majority in principal amount of the outstanding debt securities of any series may on behalf of the holders of all the debt securities of such series waive any past default under the indenture with respect to that series and its consequences, except a default in the payment of the principal of, premium or interest, if any, on any debt security of that series; provided, however, that the holders of a majority in principal amount of the outstanding debt securities of any series may rescind an acceleration and its consequences, including any related payment default that resulted from such acceleration.

Defeasance of Debt Securities and Certain Covenants in Certain Circumstances

Legal Defeasance. The indenture provides that, unless otherwise provided by the terms of the applicable series of debt securities, we may be discharged from any and all obligations in respect of the debt securities of any series (except for certain obligations to register the transfer or exchange of debt securities of such series, to replace stolen, lost or mutilated debt securities of such series, and to maintain paying agencies and certain provisions relating to the treatment of funds held by paying agents). We will be so discharged upon the deposit with the trustee, in trust, of money and/or U.S. Government Obligations or, in the case of debt securities denominated in a single currency other than U.S. dollars, Foreign Government Obligations, that, through the payment of interest and principal in accordance with their terms, will provide not later than one day before the due date of any payment of money, an amount in cash, sufficient, in the opinion of a nationally recognized firm of independent public accountants to pay and discharge each installment of principal, premium and interest on and any mandatory sinking fund payments in respect of the debt securities of that series on the stated maturity of those payments in accordance with the terms of the indenture and those debt securities.

This discharge may occur only if, among other things, that such deposit will not result in a breach or violation of, or constitute a default under the indenture or any other material agreement to which Cliffs is bound and we have delivered to the trustee an officers certificate and an opinion of counsel stating that we have received from, or there has been published by, the U.S. Internal Revenue Service a ruling or, since the date of execution of the indenture, there has been a change in the applicable U.S. federal income tax law, in either case to the effect that, and based thereon such opinion shall confirm that, the holders of the debt securities of that

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series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the deposit, defeasance and discharge and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would have been the case if the deposit, defeasance and discharge had not occurred.

Defeasance of Certain Covenants. The indenture provides that, unless otherwise provided by the terms of the applicable series of debt securities, upon compliance with certain conditions as described below:

- we may omit to comply with the covenant described under the heading Consolidation, Merger and Sale of Assets and certain other covenants set forth in the indenture, as well as any additional covenants which may be described in the applicable prospectus supplement; and

- any omission to comply with those covenants will not constitute an event which, after notice or passage of time, or both, would become an Event of Default or an Event of Default with respect to the debt securities of that series (covenant defeasance).

The conditions include:

- depositing with the trustee money and/or U.S. Government Obligations or, in the case of debt securities denominated in a single currency other than U.S. dollars, Foreign Government Obligations, that, through the payment of interest and principal in accordance with their terms, will provide not later than one day before the due date of any payment of money, an amount in cash, sufficient, in the opinion of a nationally recognized firm of independent public accountants to pay and discharge each installment of principal of, premium and interest on and any mandatory sinking fund payments in respect of the debt securities of that series on the stated maturity of those payments in accordance with the terms of the indenture and those debt securities;

- that such deposit will not result in a breach or violation of, or constitute a default under the indenture or any other agreement to which Cliffs is bound; and

- delivering to the trustee an opinion of counsel to the effect that the holders of the debt securities of that series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the deposit and related covenant defeasance and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would have been the case if the deposit and related covenant defeasance had not occurred.

Covenant Defeasance and Events of Default. In the event we exercise our option to effect covenant defeasance with respect to any series of debt securities and the debt securities of that series are declared due and payable because of the occurrence of any Event of Default, the amount of money and/or U.S. Government Obligations or Foreign Government Obligations on deposit with the trustee will be sufficient to pay amounts due on the debt securities of that series at the time of their stated maturity but may not be sufficient to pay amounts due on the debt securities of that series at the time of the acceleration resulting from the Event of Default. However, we shall remain liable for those payments.

Certain Defined Terms

Foreign Government Obligations means, with respect to debt securities of any series that are denominated in a currency other than U.S. dollars:

- direct obligations of the government that issued or caused to be issued such currency for the payment of which obligations its full faith and credit is pledged; or

- obligations of a person controlled or supervised by or acting as an agency or instrumentality of that government the timely payment of which is unconditionally guaranteed as a full faith and credit obligation by that government,

which, in either case are not callable or redeemable at the option of the issuer thereof.

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U.S. Government Obligations means debt securities that are:

direct obligations of The United States of America for the payment of which its full faith and credit is pledged; or

obligations of a person controlled or supervised by and acting as an agency or instrumentality of The United States of America the full and timely payment of which is unconditionally guaranteed as full faith and credit obligation by The United States of America, which, in either case, are not callable or redeemable at the option of the issuer itself and shall also include a depository receipt issued by a bank or trust company as custodian with respect to any such U.S. Government Obligation or a specific payment of interest on or principal of any such U.S. Government Obligation held by such custodian for the account of the holder of a depository receipt. Except as required by law, such custodian is not authorized to make any deduction from the amount payable to the holder of such depository receipt from any amount received by the custodian in respect of the U.S. Government Obligation evidenced by such depository receipt.

Governing Law

The indenture and the debt securities will be governed by, and construed in accordance with, the internal laws of the State of New York.

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PLAN OF DISTRIBUTION

We may sell the offered debt securities in and outside the United States:

- through underwriters or dealers;
- directly to purchasers;
- through agents; or
- through a combination of any of these methods.

The prospectus supplement will include the following information:

- the terms of the offering;
- the names of any underwriters or agents;
- the name or names of any managing underwriter or underwriters;
- the purchase price or initial public offering price of the debt securities;
- the net proceeds from the sale of the debt securities;
- any delayed delivery arrangements;
- any underwriting discounts, commissions and other items constituting underwriters compensation;
- any discounts or concessions allowed or reallowed or paid to dealers;
- any commissions paid to agents; and
- any securities exchanges on which the debt securities may be listed.

Sale through Underwriters or Dealers

If underwriters are used in the sale, we will execute an underwriting agreement with them regarding the debt securities. The underwriters will acquire the debt securities for their own account, subject to conditions in the underwriting agreement. The underwriters may resell the debt securities from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. Underwriters may offer the debt securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless we inform you otherwise in the prospectus supplement, the obligations of the underwriters to purchase the debt securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered debt securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallowed or paid to dealers.

During and after an offering through underwriters, the underwriters may purchase and sell the debt securities in the open market. To the extent expressly set forth in the applicable prospectus supplement, these transactions may include over-allotment and stabilizing transactions and purchases to cover syndicate short positions created in connection with the offering. The underwriters may also impose a penalty bid, which means that selling concessions allowed to syndicate members or other broker-dealers for the offered debt securities sold for their account may be reclaimed by the syndicate if the offered debt securities are repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the offered debt securities, which may be higher than the price that might otherwise prevail in the open market. If commenced, the underwriters may discontinue these activities at any time.

Some or all of the debt securities that we offer though this prospectus may be new issues of debt securities with no established trading market. Any underwriters to whom we sell our debt securities for public offering and

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may make a market in those debt securities, but they will not be obligated to do so and they may discontinue any market making at any time without notice. Accordingly, we cannot assure you of the liquidity of, or continued trading markets for, any debt securities that we offer.

If dealers are used in the sale of the debt securities, we will sell the debt securities to them as principals. They may then resell the debt securities to the public at varying prices determined by the dealers at the time of resale. We will include in the prospectus supplement the names of the dealers and the terms of the transaction.

Direct Sales and Sales through Agents

We may sell the debt securities directly. In this case, no underwriters or agents would be involved. We may also sell the debt securities through agents designated from time to time. In the prospectus supplement, we will name any agent involved in the offer or sale of the offered debt securities, and we will describe any commissions payable to the agent. Unless we inform you otherwise in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the debt securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act of 1933 with respect to any sale of those securities. We will describe the terms of any sales of these debt securities in the prospectus supplement.

Remarketing Arrangements

Offered debt securities may also be offered and sold, if so indicated in the applicable prospectus supplement, in connection with a remarketing upon their purchase, in accordance with a redemption or repayment pursuant to their terms, or otherwise, by one or more remarketing firms, acting as principals for their own accounts or as agents for us. Any remarketing firm will be identified and the terms of its agreements, if any, with us and its compensation will be described in the applicable prospectus supplement.

Delayed Delivery Contracts

If we so indicate in the prospectus supplement, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase debt securities from us at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The prospectus supplement will describe the commission payable for solicitation of those contracts.

General Information

We may have agreements with the agents, dealers, underwriters and remarketing firms to indemnify them against certain civil liabilities, including liabilities under the Securities Act, or to contribute with respect to payments that the agents, dealers, underwriters or remarketing firms may be required to make. Agents, dealers, underwriters and remarketing firms may be customers of, engage in transactions with or perform services for us in the ordinary course of their businesses.

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LEGAL MATTERS

Jones Day will pass upon the validity of the debt securities being offered hereby.

EXPERTS

The consolidated financial statements, and the related financial statement schedule, incorporated in this Prospectus by reference from Cliffs Natural Resources Inc. s Annual Report on Form 10-K, and the effectiveness of Cliffs Natural Resources Inc. s internal control over financial reporting have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference. Such financial statements and financial statement schedule have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

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