

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549
FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2021
OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____.

Commission File Number: 1-8944



CLEVELAND-CLIFFS INC.

(Exact Name of Registrant as Specified in Its Charter)

Ohio	34-1464672
<i>(State or Other Jurisdiction of Incorporation or Organization)</i>	<i>(I.R.S. Employer Identification No.)</i>
200 Public Square, Cleveland, Ohio	44114-2315
<i>(Address of Principal Executive Offices)</i>	<i>(Zip Code)</i>

Registrant's Telephone Number, Including Area Code: (216) 694-5700

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common shares, par value \$0.125 per share	CLF	New York Stock Exchange

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No

The number of shares outstanding of the registrant's common shares, par value \$0.125 per share, was 499,734,892 as of July 26, 2021.

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DEFINITIONS

The following abbreviations or acronyms are used in the text. References in this report to the “Company,” “we,” “us,” “our” and “Cliffs” are to Cleveland-Cliffs Inc. and subsidiaries, collectively, unless stated otherwise or the context indicates otherwise.

Abbreviation or acronym	Term
4.625% 2029 Senior Notes	4.625% Senior Guaranteed Notes due 2029 issued by Cleveland-Cliffs Inc. on February 17, 2021 in an aggregate principal amount of \$500 million
4.875% 2031 Senior Notes	4.875% Senior Guaranteed Notes due 2031 issued by Cleveland-Cliffs Inc. on February 17, 2021 in an aggregate principal amount of \$500 million
ABL Facility	Asset-Based Revolving Credit Agreement, dated as of March 13, 2020, among Cleveland-Cliffs Inc., the lenders party thereto from time to time and Bank of America, N.A., as administrative agent, as amended as of March 27, 2020, and December 9, 2020, and as may be further amended from time to time
Acquisitions	The AK Steel Merger and AM USA Transaction, together
Adjusted EBITDA	EBITDA, excluding certain items such as EBITDA of noncontrolling interests, extinguishment of debt, severance, acquisition-related costs, acquisition-related loss on equity method investment, amortization of inventory step-up and impacts of discontinued operations
AK Steel	AK Steel Holding Corporation (n/k/a Cleveland-Cliffs Steel Holding Corporation) and its consolidated subsidiaries, including AK Steel Corporation (n/k/a Cleveland-Cliffs Steel Corporation), its direct, wholly owned subsidiary, collectively, unless stated otherwise or the context indicates otherwise
AK Steel Merger	The merger of Merger Sub with and into AK Steel, with AK Steel surviving the merger as a wholly owned subsidiary of Cleveland-Cliffs Inc., subject to the terms and conditions set forth in the AK Steel Merger Agreement, consummated on March 13, 2020
AK Steel Merger Agreement	Agreement and Plan of Merger, dated as of December 2, 2019, among Cleveland-Cliffs Inc., AK Steel and Merger Sub
AM USA Transaction	The acquisition of ArcelorMittal USA, consummated on December 9, 2020
AM USA Transaction Agreement	Transaction Agreement, dated as of September 28, 2020, by and between Cleveland-Cliffs Inc. and ArcelorMittal
AOCI	Accumulated Other Comprehensive Income (Loss)
ArcelorMittal	ArcelorMittal S.A., a company organized under the laws of Luxembourg and the former ultimate parent company of ArcelorMittal USA
ArcelorMittal USA	Substantially all of the operations of the former ArcelorMittal USA LLC, its subsidiaries and certain affiliates, and Kote and Tek, collectively
ASC	Accounting Standards Codification
ASU	Accounting Standards Update
Board	The Board of Directors of Cleveland-Cliffs Inc.
CARES Act	Coronavirus Aid, Relief, and Economic Security Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
COVID-19	A novel strain of coronavirus that the World Health Organization declared a global pandemic in March 2020
Dodd-Frank Act	Dodd-Frank Wall Street Reform and Consumer Protection Act
EAF	Electric arc furnace
EBITDA	Earnings before interest, taxes, depreciation and amortization
EDC	Export Development Canada
EPA	U.S. Environmental Protection Agency
EPS	Earnings per share
Exchange Act	Securities Exchange Act of 1934, as amended
FASB	Financial Accounting Standards Board
Fe	Iron
FMSH Act	Federal Mine Safety and Health Act of 1977, as amended
GAAP	Accounting principles generally accepted in the United States
GHG	Greenhouse gas
HBI	Hot briquetted iron
Hibbing	Iron ore mining property owned by Hibbing Taconite Company, an unincorporated joint venture between subsidiaries of Cliffs and U.S. Steel
HRC	Hot-rolled coil steel
IRB	Industrial Revenue Bond
Kote and Tek	I/N Kote L.P. (n/k/a Cleveland-Cliffs Kote L.P.) and I/N Tek L.P. (n/k/a Cleveland-Cliffs Tek L.P.), former joint ventures between subsidiaries of the former ArcelorMittal USA LLC and Nippon Steel Corporation
Long ton	2,240 pounds
Merger Sub	Pepper Merger Sub Inc., a direct, wholly owned subsidiary of Cliffs prior to the AK Steel Merger
Metric ton	2,205 pounds
MSHA	U.S. Mine Safety and Health Administration
Net ton	2,000 pounds
NPDES	National Pollutant Discharge Elimination System, authorized by the Clean Water Act
OPEB	Other postretirement benefits
Platts 62% price	Platts IODEX 62% Fe Fines CFR North China

Abbreviation or acronym	Term
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
SEC	U.S. Securities and Exchange Commission
Section 232	Section 232 of the Trade Expansion Act of 1962, as amended
Securities Act	Securities Act of 1933, as amended
SunCoke Middletown	Middletown Coke Company, LLC, a subsidiary of SunCoke Energy, Inc.
Topic 805	ASC Topic 805, Business Combinations
Topic 815	ASC Topic 815, Derivatives and Hedging
U.S.	United States of America
U.S. Steel	United States Steel Corporation and its subsidiaries, collectively, unless stated otherwise or the context indicates otherwise
USMCA	United States-Mexico-Canada Agreement
VIE	Variable interest entity

PART I
Item 1. Financial Statements
Statements of Unaudited Condensed Consolidated Financial Position

Cleveland-Cliffs Inc. and Subsidiaries

	(In Millions)	
	June 30, 2021	December 31, 2020
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 73	\$ 112
Accounts receivable, net	2,062	1,169
Inventories	4,280	3,828
Other current assets	159	189
Total current assets	<u>6,574</u>	<u>5,298</u>
Non-current assets:		
Property, plant and equipment, net	8,982	8,743
Goodwill	1,070	1,406
Deferred income taxes	333	537
Other non-current assets	787	787
TOTAL ASSETS	<u>\$ 17,746</u>	<u>\$ 16,771</u>
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$ 1,665	\$ 1,575
Accrued employment costs	550	460
Pension and OPEB liabilities, current	151	151
Other current liabilities	620	743
Total current liabilities	<u>2,986</u>	<u>2,929</u>
Non-current liabilities:		
Long-term debt	5,368	5,390
Pension and OPEB liabilities, non-current	3,841	4,113
Other non-current liabilities	1,272	1,260
TOTAL LIABILITIES	<u>13,467</u>	<u>13,692</u>
Commitments and contingencies (See Note 18)		
Series B Participating Redeemable Preferred Stock - no par value		
Authorized, Issued and Outstanding - 583,273 shares	738	738
Equity:		
Common shares - par value \$0.125 per share		
Authorized - 1,200,000,000 shares (2020 - 600,000,000 shares);		
Issued - 506,832,537 shares (2020 - 506,832,537 shares);		
Outstanding - 499,701,762 shares (2020 - 477,517,372 shares)	63	63
Capital in excess of par value of shares	5,491	5,431
Retained deficit	(2,168)	(2,989)
Cost of 7,130,775 common shares in treasury (2020 - 29,315,165 shares)	(87)	(354)
Accumulated other comprehensive loss	(66)	(133)
Total Cliffs shareholders' equity	<u>3,233</u>	<u>2,018</u>
Noncontrolling interest	308	323
TOTAL EQUITY	<u>3,541</u>	<u>2,341</u>
TOTAL LIABILITIES, REDEEMABLE PREFERRED STOCK AND EQUITY	<u>\$ 17,746</u>	<u>\$ 16,771</u>

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Statements of Unaudited Condensed Consolidated Operations

Cleveland-Cliffs Inc. and Subsidiaries

	(In Millions, Except Per Share Amounts)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Revenues	\$ 5,045	\$ 1,093	\$ 9,094	\$ 1,452
Operating costs:				
Cost of goods sold	(3,848)	(1,208)	(7,609)	(1,564)
Selling, general and administrative expenses	(104)	(62)	(199)	(90)
Acquisition-related costs	(1)	(19)	(14)	(61)
Miscellaneous – net	(25)	(12)	(28)	(24)
Total operating costs	(3,978)	(1,301)	(7,850)	(1,739)
Operating income (loss)	1,067	(208)	1,244	(287)
Other income (expense):				
Interest expense, net	(85)	(69)	(177)	(100)
Gain (loss) on extinguishment of debt	(22)	130	(88)	133
Net periodic benefit credits other than service cost component	46	15	93	21
Other non-operating income	4	—	4	—
Total other income (expense)	(57)	76	(168)	54
Income (loss) from continuing operations before income taxes	1,010	(132)	1,076	(233)
Income tax benefit (expense)	(216)	25	(225)	76
Income (loss) from continuing operations	794	(107)	851	(157)
Income (loss) from discontinued operations, net of tax	1	(1)	1	—
Net income (loss)	795	(108)	852	(157)
Income attributable to noncontrolling interest	(15)	(16)	(31)	(19)
Net income (loss) attributable to Cliffs shareholders	\$ 780	\$ (124)	\$ 821	\$ (176)
Earnings (loss) per common share attributable to Cliffs shareholders - basic				
Continuing operations	\$ 1.40	\$ (0.31)	\$ 1.48	\$ (0.51)
Discontinued operations	—	—	—	—
	\$ 1.40	\$ (0.31)	\$ 1.48	\$ (0.51)
Earnings (loss) per common share attributable to Cliffs shareholders - diluted				
Continuing operations	\$ 1.33	\$ (0.31)	\$ 1.42	\$ (0.51)
Discontinued operations	—	—	—	—
	\$ 1.33	\$ (0.31)	\$ 1.42	\$ (0.51)

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Statements of Unaudited Condensed Consolidated Comprehensive Income (Loss)

Cleveland-Cliffs Inc. and Subsidiaries

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Net income (loss)	\$ 795	\$ (108)	\$ 852	\$ (157)
Other comprehensive income (loss):				
Changes in pension and OPEB, net of tax	7	6	14	12
Changes in foreign currency translation	—	1	(1)	—
Changes in derivative financial instruments, net of tax	47	4	54	1
Total other comprehensive income	54	11	67	13
Comprehensive income (loss)	849	(97)	919	(144)
Comprehensive income attributable to noncontrolling interests	(15)	(16)	(31)	(19)
Comprehensive income (loss) attributable to Cliffs shareholders	\$ 834	\$ (113)	\$ 888	\$ (163)

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Statements of Unaudited Condensed Consolidated Cash Flows

Cleveland-Cliffs Inc. and Subsidiaries

	(In Millions)	
	Six Months Ended June 30,	
	2021	2020
OPERATING ACTIVITIES		
Net income (loss)	\$ 852	\$ (157)
Adjustments to reconcile net income (loss) to net cash provided (used) by operating activities:		
Depreciation, depletion and amortization	425	112
Amortization of inventory step-up	118	59
Deferred income taxes	225	(73)
Loss (gain) on extinguishment of debt	88	(133)
Other	24	(20)
Changes in operating assets and liabilities, net of business combination:		
Receivables and other assets	(903)	366
Inventories	(557)	(126)
Pension and OPEB payments and contributions	(223)	(17)
Payables, accrued expenses and other liabilities	83	(309)
Net cash provided (used) by operating activities	132	(298)
INVESTING ACTIVITIES		
Purchase of property, plant and equipment	(298)	(283)
Acquisition of AK Steel, net of cash acquired	—	(869)
Acquisition of ArcelorMittal USA, net of cash acquired	54	—
Other investing activities	2	—
Net cash used by investing activities	(242)	(1,152)
FINANCING ACTIVITIES		
Proceeds from issuance of common shares	322	—
Proceeds from issuance of debt	1,000	1,763
Debt issuance costs	(17)	(58)
Repayments of debt	(1,339)	(1,000)
Borrowings under credit facilities	2,680	800
Repayments under credit facilities	(2,490)	(250)
Repayments of leased liabilities	(46)	(5)
Other financing activities	(39)	(79)
Net cash provided by financing activities	71	1,171
Net decrease in cash and cash equivalents	(39)	(279)
Cash and cash equivalents at beginning of period	112	353
Cash and cash equivalents at end of period	\$ 73	\$ 74

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Statements of Unaudited Condensed Consolidated Changes in Equity

Cleveland-Cliffs Inc. and Subsidiaries

	(In Millions)							
	Number of Common Shares Outstanding	Par Value of Common Shares Issued	Capital in Excess of Par Value of Shares	Retained Deficit	Common Shares in Treasury	AOCI	Non-controlling Interests	Total
December 31, 2020	478	\$ 63	\$ 5,431	\$ (2,989)	\$ (354)	\$ (133)	\$ 323	\$ 2,341
Comprehensive income	—	—	—	41	—	13	16	70
Issuance of common stock	20	—	78	—	244	—	—	322
Stock and other incentive plans	1	—	(22)	—	17	—	—	(5)
Acquisition of ArcelorMittal USA - Measurement period adjustments	—	—	—	—	—	—	(1)	(1)
Net distributions to noncontrolling interests	—	—	—	—	—	—	(8)	(8)
March 31, 2021	499	\$ 63	\$ 5,487	\$ (2,948)	\$ (93)	\$ (120)	\$ 330	\$ 2,719
Comprehensive income	—	—	—	780	—	54	15	849
Stock and other incentive plans	1	—	4	—	6	—	—	10
Acquisition of ArcelorMittal USA - Measurement period adjustments	—	—	—	—	—	—	(13)	(13)
Net distributions to noncontrolling interests	—	—	—	—	—	—	(24)	(24)
June 30, 2021	500	\$ 63	\$ 5,491	\$ (2,168)	\$ (87)	\$ (66)	\$ 308	\$ 3,541

	(In Millions)							
	Number of Common Shares Outstanding	Par Value of Common Shares Issued	Capital in Excess of Par Value of Shares	Retained Deficit	Common Shares in Treasury	AOCI	Non-controlling Interests	Total
December 31, 2019	271	\$ 37	\$ 3,873	\$ (2,842)	\$ (391)	\$ (319)	\$ —	\$ 358
Comprehensive income (loss)	—	—	—	(52)	—	2	3	(47)
Stock and other incentive plans	1	—	(24)	—	26	—	—	2
Acquisition of AK Steel	127	16	602	—	—	—	330	948
Common stock dividends (\$0.06 per share)	—	—	—	(24)	—	—	—	(24)
Net distributions to noncontrolling interests	—	—	—	—	—	—	(6)	(6)
March 31, 2020	399	\$ 53	\$ 4,451	\$ (2,918)	\$ (365)	\$ (317)	\$ 327	\$ 1,231
Comprehensive income	—	—	—	(124)	—	11	16	(97)
Stock and other incentive plans	—	—	(7)	—	9	—	—	2
Net distributions to noncontrolling interests	—	—	—	—	—	—	(18)	(18)
June 30, 2020	399	\$ 53	\$ 4,444	\$ (3,042)	\$ (356)	\$ (306)	\$ 325	\$ 1,118

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Notes to Unaudited Condensed Consolidated Financial Statements

Cleveland-Cliffs Inc. and Subsidiaries

NOTE 1 - BASIS OF PRESENTATION AND SIGNIFICANT ACCOUNTING POLICIES

Business, Consolidation and Presentation

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with SEC rules and regulations and, in the opinion of management, include all adjustments (consisting of normal recurring adjustments) necessary to present fairly the financial position, results of operations, comprehensive income (loss), cash flows and changes in equity for the periods presented. The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Management bases its estimates on various assumptions and historical experience, which are believed to be reasonable; however, due to the inherent nature of estimates, actual results may differ significantly due to changed conditions or assumptions. The results of operations for the three and six months ended June 30, 2021 are not necessarily indicative of results to be expected for the year ending December 31, 2021 or any other future period. These unaudited condensed consolidated financial statements should be read in conjunction with the financial statements and notes included in our Annual Report on Form 10-K for the year ended December 31, 2020 and in our Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2021.

Business Operations

We are vertically integrated from the mining of iron ore and coal; to production of metallics and coke; through iron making, steelmaking, rolling and finishing; and to downstream tubular components, stamping and tooling. We have the unique advantage as a steel producer of being fully or partially self-sufficient with our production of raw materials for steel manufacturing, which includes iron ore pellets, HBI and coking coal.

We are organized into four operating segments based on differentiated products, Steelmaking, Tubular, Tooling and Stamping, and European Operations. We primarily operate through one reportable segment – the Steelmaking segment.

Basis of Consolidation

The unaudited condensed consolidated financial statements consolidate our accounts and the accounts of our wholly owned subsidiaries, all subsidiaries in which we have a controlling interest and VIEs for which we are the primary beneficiary. All intercompany transactions and balances are eliminated upon consolidation.

Investments in Affiliates

We have investments in several businesses accounted for using the equity method of accounting. We review an investment for impairment when circumstances indicate that a loss in value below its carrying amount is other than temporary.

As of June 30, 2021 and December 31, 2020, our investment in affiliates of \$ 116 million and \$ 105 million, respectively, was classified in *Other non-current assets*.

Significant Accounting Policies

A detailed description of our significant accounting policies can be found in the audited financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2020 filed with the SEC. There have been no material changes in our significant accounting policies and estimates from those disclosed therein.

Recent Accounting Pronouncements

Issued and Not Effective

In August 2020, the FASB issued *ASU 2020-06, Debt—Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging—Contracts in Entity's Own Equity (Subtopic 815-40)*. This update requires certain convertible instruments to be accounted for as a single liability measured at its amortized cost. Additionally, the update requires the use of the "if-converted" method, removing the treasury stock method, when calculating diluted shares. The two methods of adoption are the full and modified retrospective approaches. We expect to utilize the modified retrospective approach. Using this approach, the guidance shall be applied to transactions outstanding as of the beginning of the fiscal year in which the amendment is adopted. The final rule is effective for fiscal years beginning after December 15, 2021. Early adoption is permitted for fiscal years beginning after December 15, 2020, including interim periods within those fiscal years. We expect the adoption of this update to decrease our diluted EPS unless the additional shares under the if-converted method are anti-dilutive. We expect to adopt the update at the required adoption date of January 1, 2022.

NOTE 2 - SUPPLEMENTARY FINANCIAL STATEMENT INFORMATION

Allowance for Credit Losses

The following is a roll forward of our allowance for credit losses associated with *Accounts receivable, net*:

	(In Millions)	
	2021	2020
Allowance for credit losses as of January 1	\$ (5)	\$ —
Increase in allowance	—	(4)
Allowance for credit losses as of June 30	<u>\$ (5)</u>	<u>\$ (4)</u>

Inventories

The following table presents the detail of our *Inventories* in the Statements of Unaudited Condensed Consolidated Financial Position:

	(In Millions)	
	June 30, 2021	December 31, 2020
Product inventories		
Finished and semi-finished goods	\$ 2,452	\$ 2,125
Raw materials	1,558	1,431
Total product inventories	4,010	3,556
Manufacturing supplies and critical spares	270	272
Inventories	<u>\$ 4,280</u>	<u>\$ 3,828</u>

Cash Flow Information

A reconciliation of capital additions to cash paid for capital expenditures is as follows:

	(In Millions)	
	Six Months Ended June 30,	
	2021	2020
Capital additions	\$ 329	\$ 231
Less:		
Non-cash accruals	16	(92)
Right-of-use assets - finance leases	15	40
Cash paid for capital expenditures including deposits	<u>\$ 298</u>	<u>\$ 283</u>

Cash payments (receipts) for income taxes and interest are as follows:

	(In Millions)	
	Six Months Ended June 30,	
	2021	2020
Taxes paid on income	\$ 8	\$ —
Income tax refunds	(15)	(60)
Interest paid on debt obligations net of capitalized interest ¹	148	67

¹ Capitalized interest was \$3 million and \$23 million for the six months ended June 30, 2021 and 2020, respectively.

NOTE 3 - ACQUISITIONS

In 2020, we acquired two major steelmakers, AK Steel and ArcelorMittal USA, vertically integrating our legacy iron ore business with steel production. Our fully-integrated portfolio includes custom-made pellets and HBI; flat-rolled carbon steel, stainless, electrical, plate, tinplate and long steel products; and carbon and stainless steel tubing, hot and cold stamping and tooling. The AK Steel Merger combined Cliffs, a producer of iron ore pellets, with AK Steel, a producer of flat-rolled carbon, stainless and electrical steel products, to create a vertically integrated producer of value-added iron ore and steel products. The AM USA Transaction transformed us into a fully-integrated steel enterprise with the size and scale to expand product offerings and improve through-the-cycle margins.

We now have a presence across the entire steel manufacturing process, from mining to pelletizing to the development and production of finished high value steel products. The combination is expected to create significant opportunities to generate additional value from market trends across the entire steel value chain and enable more consistent, predictable performance through normal market cycles.

Acquisition of ArcelorMittal USA

Overview

On December 9, 2020, pursuant to the terms of the AM USA Transaction Agreement, we purchased ArcelorMittal USA from ArcelorMittal. In connection with the closing of the AM USA Transaction, as contemplated by the terms of the AM USA Transaction Agreement, ArcelorMittal's former joint venture partner in Kote and Tek exercised its put right pursuant to the terms of the Kote and Tek joint venture agreements. As a result, we purchased all of such joint venture partner's interests in Kote and Tek. Following the closing of the AM USA Transaction, we own 100% of the interests in Kote and Tek.

We incurred acquisition-related costs excluding severance costs of \$2 million for the six months ended June 30, 2021, which were recorded in *Acquisition-related costs* on the Statements of Unaudited Condensed Consolidated Operations.

The AM USA Transaction was accounted for under the acquisition method of accounting for business combinations.

The fair value of the total purchase consideration was determined as follows:

	(In Millions)	
Fair value of Cliffs common shares issued	\$	990
Fair value of Series B Participating Redeemable Preferred Stock issued		738
Fair value of settlement of a pre-existing relationship		237
Cash consideration		639
Total purchase consideration	\$	2,604

The fair value of Cliffs common shares issued is calculated as follows:

Number of Cliffs common shares issued	78,186,671
Closing price of Cliffs common share as of December 9, 2020	\$ 12.66
Fair value of Cliffs common shares issued (in millions)	<u>\$ 990</u>

The fair value of Cliffs Series B Participating Redeemable Preferred Stock issued is calculated as follows:

Number of Cliffs Series B Participating Redeemable Preferred Stock issued	583,273
Redemption price per share as of December 9, 2020	\$ 1,266
Fair value of Cliffs Series B Participating Redeemable Preferred Stock issued (in millions)	<u>\$ 738</u>

The fair value of the estimated cash consideration is comprised of the following:

	(In Millions)
Cash consideration pursuant to the AM USA Transaction Agreement	\$ 505
Cash consideration for purchase of the remaining JV partner's interest of Kote and Tek	182
Total cash consideration receivable	<u>(48)</u>
Total cash consideration	<u>\$ 639</u>

The cash portion of the purchase price was subject to customary working capital adjustments, and the working capital adjustments were finalized during the second quarter of 2021. If the Company decides to make any elections under Section 338(h)(10) of the Internal Revenue Code of 1986, as amended, the final cash consideration could potentially change.

The fair value of the settlement of a pre-existing relationship is comprised of the following:

	(In Millions)
Accounts receivable	\$ 97
Freestanding derivative asset from customer supply agreement	140
Total fair value of settlement of a pre-existing relationship	<u>\$ 237</u>

Valuation Assumption and Preliminary Purchase Price Allocation

We estimated fair values at December 9, 2020 for the preliminary allocation of consideration to the net tangible and intangible assets acquired and liabilities assumed in connection with the AM USA Transaction. During the measurement period, we will continue to obtain information to assist in finalizing the fair value of assets acquired and liabilities assumed, which may differ materially from these preliminary estimates. If we determine any measurement period adjustments are material, we will apply those adjustments, including any related impacts to net income, in the reporting period in which the adjustments are determined. We are in the process of conducting a valuation of the assets acquired and liabilities assumed related to the AM USA Transaction, most notably, inventories, personal and real property, mineral reserves, deferred taxes, asset retirement obligations and the final allocation will be made when completed, including the result of any identified goodwill. Accordingly, the provisional measurements noted below are preliminary and subject to modification in the future.

The preliminary purchase price allocation to assets acquired and liabilities assumed in the AM USA Transaction was:

	(In Millions)		
	Initial Allocation of Consideration	Measurement Period Adjustments	Updated Allocation
Cash and cash equivalents	\$ 35	\$ —	\$ 35
Accounts receivable, net	349	(1)	348
Inventories	2,115	14	2,129
Other current assets	34	(4)	30
Property, plant and equipment	4,017	379	4,396
Other non-current assets	158	6	164
Accounts payable	(758)	25	(733)
Accrued employment costs	(271)	(1)	(272)
Pension and OPEB liabilities, current	(109)	—	(109)
Other current liabilities	(398)	(7)	(405)
Pension and OPEB liabilities, non-current	(3,195)	—	(3,195)
Other non-current liabilities	(598)	(80)	(678)
Noncontrolling interest	(13)	13	—
Net identifiable assets acquired	1,366	344	1,710
Goodwill	1,230	(336)	894
Total net assets acquired	<u>\$ 2,596</u>	<u>\$ 8</u>	<u>\$ 2,604</u>

During the period subsequent to the AM USA Transaction, we made certain measurement period adjustments to the acquired assets and liabilities assumed due to clarification of information utilized to determine fair value during the measurement period. The measurement period adjustment related to the revaluation of the Company's previously held equity method investment, which is now being consolidated post-acquisition, resulted in a loss of \$18 million, within *Miscellaneous – net* for the three and six months ended June 30, 2021.

The goodwill resulting from the acquisition of ArcelorMittal USA primarily represents the growth opportunities in the automotive, construction, appliances, infrastructure and machinery and equipment markets, as well as any synergistic benefits to be realized from the AM USA Transaction, and was assigned to our flat steel operations within our Steelmaking segment. Goodwill from the AM USA Transaction is expected to be deductible for U.S. federal income tax purposes.

Acquisition of AK Steel

Overview

On March 13, 2020, pursuant to the AK Steel Merger Agreement, we completed the acquisition of AK Steel, in which we were the acquirer. As a result of the AK Steel Merger, each share of AK Steel common stock issued and outstanding immediately prior to the effective time of the AK Steel Merger (other than excluded shares) was converted into the right to receive 0.400 Cliffs common shares and, if applicable, cash in lieu of any fractional Cliffs common shares.

The AK Steel Merger was accounted for under the acquisition method of accounting for business combinations. The acquisition date fair value of the consideration transferred totaled \$1,535 million. The following tables summarize the consideration paid for AK Steel and the estimated fair values of the assets acquired and liabilities assumed at the acquisition date.

The fair value of the total purchase consideration was determined as follows:

	(In Millions)
Fair value of AK Steel debt	\$ 914
Fair value of Cliffs common shares issued for AK Steel outstanding common stock ¹	618
Other ¹	3
Total purchase consideration	\$ 1,535

¹Included as non-cash investing activities in the Statement of Unaudited Condensed Consolidated Cash Flows for the six months ended June 30, 2020.

The fair value of Cliffs common shares issued for outstanding shares of AK Steel common stock and with respect to Cliffs common shares underlying converted AK Steel equity awards that vested upon completion of the AK Steel Merger is calculated as follows:

	(In Millions, Except Per Share Amounts)
Number of shares of AK Steel common stock issued and outstanding	317
Exchange ratio	0.400
Number of Cliffs common shares issued to AK Steel stockholders	127
Price per share of Cliffs common shares	\$ 4.87
Fair value of Cliffs common shares issued for AK Steel outstanding common stock	\$ 618

The fair value of AK Steel's debt included in the consideration is calculated as follows:

	(In Millions)
Credit Facility	\$ 590
7.50% Senior Secured Notes due July 2023	324
Fair value of debt included in consideration	\$ 914

Valuation Assumption and Purchase Price Allocation

The allocation of consideration to the net tangible and intangible assets acquired and liabilities assumed in connection with the AK Steel Merger is based on estimated fair values at March 13, 2020, and was finalized during the quarter ended March 31, 2021. The following is a summary of the purchase price allocation to assets acquired and liabilities assumed in the AK Steel Merger:

	(In Millions)		
	Initial Allocation of Consideration	Measurement Period Adjustments	Final Allocation of Consideration as of March 31, 2021
Cash and cash equivalents	\$ 38	\$ 1	\$ 39
Accounts receivable, net	666	(2)	664
Inventories	1,563	(243)	1,320
Other current assets	68	(16)	52
Property, plant and equipment	2,184	90	2,274
Deferred income taxes	—	69	69
Other non-current assets	475	(4)	471
Accounts payable	(636)	(8)	(644)
Accrued employment costs	(94)	1	(93)
Pension and OPEB liabilities, current	(75)	(3)	(78)
Other current liabilities	(236)	9	(227)
Long-term debt	(1,179)	—	(1,179)
Pension and OPEB liabilities, non-current	(873)	2	(871)
Other non-current liabilities	(507)	72	(435)
Noncontrolling interest	—	(1)	(1)
Net identifiable assets acquired	1,394	(33)	1,361
Goodwill	141	33	174
Total net assets acquired	<u>\$ 1,535</u>	<u>\$ —</u>	<u>\$ 1,535</u>

During the period subsequent to the AK Steel Merger, we made certain measurement period adjustments to the acquired assets and liabilities assumed due to clarification of information utilized to determine fair value during the measurement period.

The goodwill resulting from the acquisition of AK Steel was assigned to our downstream Tubular and Tooling and Stamping operating segments. Goodwill is calculated as the excess of the purchase price over the net identifiable assets recognized and primarily represents the growth opportunities in light weighting solutions to automotive customers, as well as any synergistic benefits to be realized. Goodwill from the AK Steel Merger is not expected to be deductible for income tax purposes.

The purchase price allocated to identifiable intangible assets and liabilities acquired was:

	(In Millions)	Weighted Average Life (In Years)
Intangible assets:		
Customer relationships	\$ 77	18
Developed technology	60	17
Trade names and trademarks	11	10
Total identifiable intangible assets	<u>\$ 148</u>	17
Intangible liabilities:		
Above-market supply contracts	<u>\$ (71)</u>	12

The above-market supply contracts relate to the long-term coke and energy supply agreements with SunCoke Energy, which includes SunCoke Middletown, a consolidated VIE. Refer to NOTE 16 - VARIABLE INTEREST ENTITIES for further information.

Pro Forma Results

The following table provides unaudited pro forma financial information, prepared in accordance with Topic 805, for the three and six months ended June 30, 2020, as if AK Steel had been acquired as of January 1, 2019:

	(In Millions)	
	Three Months Ended June 30, 2020	Six Months Ended June 30, 2020
Revenues	\$ 979	\$ 2,428
Net loss attributable to Cliffs shareholders	(125)	(164)

The unaudited pro forma financial information has been calculated after applying our accounting policies and adjusting the historical results with pro forma adjustments, net of tax, that assume the AK Steel Merger occurred on January 1, 2019. Significant pro forma adjustments include the following:

1. The elimination of intercompany revenues between Cliffs and AK Steel of \$ 114 million and \$259 million for the three and six months ended June 30, 2020, respectively.
2. The 2020 pro forma Net loss was adjusted to exclude \$ 36 million and \$59 million of non-recurring inventory acquisition accounting adjustments incurred during the three and six months ended June 30, 2020, respectively.
3. The elimination of nonrecurring transaction costs incurred by Cliffs and AK Steel in connection with the AK Steel Merger of \$ 2 million and \$28 million for the three and six months ended June 30, 2020, respectively.
4. Total other pro forma adjustments included expense of \$ 12 million and \$1 million for the three and six months ended June 30, 2020, respectively, primarily due to reduced interest and amortization expense, offset partially by additional depreciation expense and pension and OPEB expense.
5. The income tax impact of pro forma transaction adjustments that affect Net loss attributable to Cliffs shareholders at a statutory rate of 24.3% resulted in an income tax benefit of \$2 million and an income tax expense of \$3 million for the three and six months ended June 30, 2020, respectively.

The unaudited pro forma financial information does not reflect the potential realization of synergies or cost savings, nor does it reflect other costs relating to the integration of AK Steel. This unaudited pro forma financial information should not be considered indicative of the results that would have actually occurred if the AK Steel Merger had been consummated on January 1, 2019, nor are they indicative of future results.

NOTE 4 - REVENUES

We generate our revenue through product sales, in which shipping terms indicate when we have fulfilled our performance obligations and transferred control of products to our customer. Our revenue transactions consist of a single performance obligation to transfer promised goods. Our contracts with customers define the mechanism for determining the sales price, which is generally fixed upon transfer of control, but the contracts generally do not impose a specific quantity on either party. Quantities to be delivered to the customer are determined at a point near the date of delivery through purchase orders or other written instructions we receive from the customer. Spot market sales are made through purchase orders or other written instructions. We consider our performance obligation to be complete and recognize revenue when control transfers in accordance with shipping terms.

Revenue is measured as the amount of consideration we expect to receive in exchange for transferring product. We reduce the amount of revenue recognized for estimated returns and other customer credits, such as discounts and volume rebates, based on the expected value to be realized. Payment terms are consistent with terms standard to the markets we serve. Sales taxes collected from customers are excluded from revenues.

Prior to the AM USA Transaction, we had a supply agreement with ArcelorMittal USA, which included supplemental revenue or refunds based on the HRC price in the year the iron ore was consumed in ArcelorMittal USA's blast furnaces. As control transferred prior to consumption, the supplemental revenue was recorded in accordance with Topic 815. All sales occurring subsequent to the AM USA Transaction are intercompany and eliminated in consolidation. Included within *Revenues* related to Topic 815 for the supplemental revenue portion of the supply agreement is derivative revenue of \$ 31 million and \$6 million for the three and six months ended June 30, 2020, respectively.

The following table represents our *Revenues* by market:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Steelmaking:				
Automotive	\$ 1,130	\$ 309	\$ 2,428	\$ 411
Infrastructure and manufacturing	1,312	191	2,286	230
Distributors and converters	1,948	139	3,225	191
Steel producers	532	384	902	528
Total Steelmaking	4,922	1,023	8,841	1,360
Other Businesses:				
Automotive	96	49	201	65
Infrastructure and manufacturing	11	13	21	17
Distributors and converters	16	8	31	10
Total Other Businesses	123	70	253	92
Total revenues	\$ 5,045	\$ 1,093	\$ 9,094	\$ 1,452

The following tables represent our *Revenues* by product line:

	(Dollars in Millions, Sales Volumes in Thousands)			
	Three Months Ended June 30,			
	2021		2020	
	Revenue	Volume ¹	Revenue	Volume ¹
Steelmaking:				
Hot-rolled steel	\$ 1,485	1,386	\$ 42	63
Cold-rolled steel	773	720	88	123
Coated steel	1,379	1,247	301	333
Stainless and electrical steel	397	168	208	95
Plate steel	321	273	—	—
Other steel products	345	411	—	—
Iron products	155	849	377	3,718
Other	67	N/A	7	N/A
Total Steelmaking	4,922		1,023	
Other Businesses:				
Other	123	N/A	70	N/A
Total revenues	\$ 5,045		\$ 1,093	

¹ All steel product volumes are stated in net tons. Iron product volumes are stated in long tons.

	(Dollars in Millions, Sales Volumes in Thousands)			
	Six Months Ended June 30,			
	2021		2020	
	Revenue	Volume ¹	Revenue	Volume ¹
Steelmaking:				
Hot-rolled steel	\$ 2,404	2,568	\$ 61	94
Cold-rolled steel	1,417	1,468	116	163
Coated steel	2,703	2,616	391	432
Stainless and electrical steel	760	335	264	122
Plate steel	572	548	—	—
Other steel products	635	814	—	—
Iron products	225	1,449	519	5,069
Other	125	N/A	9	N/A
Total steelmaking	8,841		1,360	
Other Businesses:				
Other	253	N/A	92	N/A
Total revenues	\$ 9,094		\$ 1,452	

¹ All steel product volumes are stated in net tons. Iron product volumes are stated in long tons.

NOTE 5 - SEGMENT REPORTING

We are vertically integrated from the mining of iron ore and coal; to production of metallics and coke; through iron making, steelmaking, rolling, finishing; and to downstream tubing, stamping and tooling. We are organized into four operating segments based on our differentiated products - Steelmaking, Tubular, Tooling and Stamping, and European Operations. Our previous Mining and Pelletizing segment is included within the Steelmaking operating segment as iron ore pellets are a primary raw material for our steel products. We have one reportable segment - Steelmaking. The operating segment results of our Tubular, Tooling and Stamping, and European Operations that do not constitute reportable segments are combined and disclosed in the Other Businesses category. Our Steelmaking segment is the largest flat-rolled steel producer supported by being the largest iron ore pellet producer in North America, primarily serving the automotive, infrastructure and manufacturing, and distributors and converters markets. Our Other Businesses primarily include the operating segments that provide customer solutions with carbon and stainless steel tubing products, advanced-engineered solutions, tool design and build, hot- and cold-stamped steel components, and complex assemblies. All intersegment transactions were eliminated in consolidation.

We evaluate performance on an operating segment basis, as well as a consolidated basis, based on Adjusted EBITDA, which is a non-GAAP measure. This measure is used by management, investors, lenders and other external users of our financial statements to assess our operating performance and to compare operating performance to other companies in the steel industry. In addition, management believes Adjusted EBITDA is a useful measure to assess the earnings power of the business without the impact of capital structure and can be used to assess our ability to service debt and fund future capital expenditures in the business.

Our results by segment are as follows:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Revenues:				
Steelmaking	\$ 4,922	\$ 1,023	\$ 8,841	\$ 1,360
Other Businesses	123	70	253	92
Total revenues	\$ 5,045	\$ 1,093	\$ 9,094	\$ 1,452
Adjusted EBITDA:				
Steelmaking	\$ 1,395	\$ (54)	\$ 1,932	\$ (10)
Other Businesses	8	2	19	4
Corporate and eliminations	(43)	(30)	(78)	(53)
Total Adjusted EBITDA	\$ 1,360	\$ (82)	\$ 1,873	\$ (59)

The following table provides a reconciliation of our consolidated *Net income (loss)* to total Adjusted EBITDA:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Net income (loss)	\$ 795	\$ (108)	\$ 852	\$ (157)
Less:				
Interest expense, net	(85)	(69)	(177)	(100)
Income tax benefit (expense)	(216)	25	(225)	76
Depreciation, depletion and amortization	(208)	(77)	(425)	(112)
	1,304	13	1,679	(21)
Less:				
EBITDA of noncontrolling interests ¹	21	21	43	25
Gain (loss) on extinguishment of debt	(22)	130	(88)	133
Severance costs	(1)	(17)	(12)	(36)
Acquisition-related costs excluding severance costs	—	(2)	(2)	(25)
Acquisition-related loss on equity method investment	(18)	—	(18)	—
Amortization of inventory step-up	(37)	(36)	(118)	(59)
Impact of discontinued operations	1	(1)	1	—
Total Adjusted EBITDA	\$ 1,360	\$ (82)	\$ 1,873	\$ (59)

¹ EBITDA of noncontrolling interests includes the following:

Net income attributable to noncontrolling interests	\$ 15	\$ 16	\$ 31	\$ 19
Depreciation, depletion and amortization	6	5	12	6
EBITDA of noncontrolling interests	\$ 21	\$ 21	\$ 43	\$ 25

The following summarizes our assets by segment:

	(In Millions)	
	June 30, 2021	December 31, 2020
Assets:		
Steelmaking	\$ 16,966	\$ 15,849
Other Businesses	324	239
Total segment assets	17,290	16,088
Corporate	456	683
Total assets	<u>\$ 17,746</u>	<u>\$ 16,771</u>

The following table summarizes our capital additions by segment:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Capital additions¹:				
Steelmaking	\$ 146	\$ 66	\$ 279	\$ 220
Other Businesses	21	7	32	10
Corporate	—	—	18	1
Total capital additions	<u>\$ 167</u>	<u>\$ 73</u>	<u>\$ 329</u>	<u>\$ 231</u>

¹ Refer to NOTE 2 - SUPPLEMENTARY FINANCIAL STATEMENT INFORMATION for additional information.

NOTE 6 - PROPERTY, PLANT AND EQUIPMENT

The following table indicates the carrying value of each of the major classes of our depreciable assets:

	(In Millions)	
	June 30, 2021	December 31, 2020
Land, land improvements and mineral rights	\$ 1,274	\$ 1,213
Buildings	865	703
Equipment	8,104	6,786
Other	205	151
Construction in progress	430	1,364
Total property, plant and equipment ¹	10,878	10,217
Allowance for depreciation and depletion	(1,896)	(1,474)
Property, plant and equipment, net	<u>\$ 8,982</u>	<u>\$ 8,743</u>

¹ Includes right-of-use assets related to finance leases of \$376 million and \$361 million as of June 30, 2021 and December 31, 2020, respectively.

We recorded depreciation and depletion expense of \$ 208 million and \$423 million for the three and six months ended June 30, 2021, respectively, and \$75 million and \$ 111 million for the three and six months ended June 30, 2020, respectively.

NOTE 7 - GOODWILL AND INTANGIBLE ASSETS AND LIABILITIES
Goodwill

The following is a summary of *Goodwill* by segment:

	(In Millions)	
	June 30, 2021	December 31, 2020
Steelmaking	\$ 896	\$ 1,232
Other Businesses	174	174
Total goodwill	<u>\$ 1,070</u>	<u>\$ 1,406</u>

The decrease of \$336 million in the balance of *Goodwill* in our Steelmaking segment as of June 30, 2021, compared to December 31, 2020, is due to the change in estimated identified goodwill as a result of measurement period adjustments to the preliminary purchase price allocation for the acquisition of ArcelorMittal USA. Refer to NOTE 3 - ACQUISITIONS for further details.

Intangible Assets and Liabilities

The following is a summary of our intangible assets and liabilities:

	(In Millions)					
	June 30, 2021			December 31, 2020		
	Gross Amount	Accumulated Amortization	Net Amount	Gross Amount	Accumulated Amortization	Net Amount
Intangible assets ¹ :						
Customer relationships	\$ 77	\$ (6)	\$ 71	\$ 77	\$ (3)	\$ 74
Developed technology	60	(5)	55	60	(3)	57
Trade names and trademarks	11	(1)	10	11	(1)	10
Mining permits	72	(25)	47	72	(25)	47
Total intangible assets	<u>\$ 220</u>	<u>\$ (37)</u>	<u>\$ 183</u>	<u>\$ 220</u>	<u>\$ (32)</u>	<u>\$ 188</u>
Intangible liabilities ² :						
Above-market supply contracts	<u>\$ (71)</u>	<u>\$ 10</u>	<u>\$ (61)</u>	<u>\$ (71)</u>	<u>\$ 7</u>	<u>\$ (64)</u>

¹ Intangible assets are classified as *Other non-current assets*. Amortization related to mining permits is recognized in *Cost of goods sold*. Amortization of all other intangible assets is recognized in *Selling, general and administrative expenses*.

² Intangible liabilities are classified as *Other non-current liabilities*. Amortization of all intangible liabilities is recognized in *Cost of goods sold*.

Amortization expense related to intangible assets was \$ 2 million and \$ 5 million for the three and six months ended June 30, 2021, respectively, and \$ 3 million and \$ 4 million for the three and six months ended June 30, 2020, respectively. Estimated future amortization expense is \$ 5 million for the remainder of 2021 and \$ 10 million annually for the years 2022 through 2026.

Income from amortization related to the intangible liabilities was \$ 2 million and \$ 3 million for the three and six months ended June 30, 2021, respectively, and \$ 1 million and \$ 3 million for the three and six months ended June 30, 2020, respectively. Estimated future income from amortization is \$ 4 million for the remainder of 2021 and \$ 5 million annually for the years 2022 through 2026.

NOTE 8 - DEBT AND CREDIT FACILITIES

The following represents a summary of our long-term debt:

(In Millions)						
June 30, 2021						
Debt Instrument	Issuer ¹	Annual Effective Interest Rate	Total Principal Amount	Unamortized Debt Issuance Costs	Unamortized Premiums (Discounts)	Total Debt
Senior Secured Notes:						
9.875% 2025 Senior Secured Notes	Cliffs	10.57%	\$ 607	\$ (4)	\$ (15)	\$ 588
6.75% 2026 Senior Secured Notes	Cliffs	6.99%	845	(18)	(8)	819
Senior Unsecured Notes:						
1.50% 2025 Convertible Senior Notes	Cliffs	6.26%	296	(3)	(45)	248
7.00% 2027 Senior Notes	Cliffs	9.24%	73	—	(7)	66
7.00% 2027 AK Senior Notes	AK Steel	9.24%	56	—	(5)	51
5.875% 2027 Senior Notes	Cliffs	6.49%	556	(4)	(17)	535
4.625% 2029 Senior Notes	Cliffs	4.63%	500	(8)	—	492
4.875% 2031 Senior Notes	Cliffs	4.88%	500	(9)	—	491
6.25% 2040 Senior Notes	Cliffs	6.34%	263	(2)	(3)	258
IRBs due 2024 to 2028	AK Steel	Various	92	—	2	94
EDC Revolving Facilities ³	*	Various	80	—	—	56
ABL Facility ³	Cliffs ²	2.24%	3,500	—	—	1,670
Total long-term debt						\$ 5,368

* Our subsidiaries, Fleetwood Metal Industries Inc. and The Electromac Group Inc., are the borrowers under the EDC Revolving Facilities.

¹ Unless otherwise noted, references in this column and throughout this NOTE 8 - DEBT AND CREDIT FACILITIES to "Cliffs" are to Cleveland-Cliffs Inc., and references to "AK Steel" are to AK Steel Corporation (n/k/a Cleveland-Cliffs Steel Corporation).

² Refers to Cleveland-Cliffs Inc. as borrower under our ABL Facility.

³ The total principal amounts for the indicated credit facilities are stated at their respective maximum borrowing capacities.

(In Millions)						
December 31, 2020						
Debt Instrument	Issuer ¹	Annual Effective Interest Rate	Total Principal Amount	Unamortized Debt Issuance Costs	Unamortized Premiums (Discounts)	Total Debt
Senior Secured Notes:						
4.875% 2024 Senior Notes	Cliffs	5.00%	\$ 395	\$ (3)	\$ (1)	\$ 391
9.875% 2025 Senior Secured Notes	Cliffs	10.57%	955	(8)	(25)	922
6.75% 2026 Senior Secured Notes	Cliffs	6.99%	845	(20)	(9)	816
Senior Unsecured Notes:						
7.625% 2021 AK Senior Notes	AK Steel	7.33%	34	—	—	34
7.50% 2023 AK Senior Notes	AK Steel	6.17%	13	—	—	13
6.375% 2025 Senior Notes	Cliffs	8.11%	64	—	(4)	60
6.375% 2025 AK Senior Notes	AK Steel	8.11%	29	—	(2)	27
1.50% 2025 Convertible Senior Notes	Cliffs	6.26%	296	(4)	(49)	243
5.75% 2025 Senior Notes	Cliffs	6.01%	396	(3)	(4)	389
7.00% 2027 Senior Notes	Cliffs	9.24%	73	—	(8)	65
7.00% 2027 AK Senior Notes	AK Steel	9.24%	56	—	(6)	50
5.875% 2027 Senior Notes	Cliffs	6.49%	556	(4)	(18)	534
6.25% 2040 Senior Notes	Cliffs	6.34%	263	(2)	(3)	258
IRBs due 2024 to 2028	AK Steel	Various	92	—	2	94
EDC Revolving Facility ³	*	3.25%	40	—	—	18
ABL Facility ³	Cliffs ²	2.15%	3,500	—	—	1,510
Total debt						5,424
Less: current debt						34
Total long-term debt						\$ 5,390

* Our subsidiaries, Fleetwood Metal Industries Inc. and The Electromac Group Inc., are the borrowers under the EDC Revolving Facility.

¹ Unless otherwise noted, references in this column and throughout this NOTE 8 - DEBT AND CREDIT FACILITIES to "Cliffs" are to Cleveland-Cliffs Inc., and references to "AK Steel" are to AK Steel Corporation (n/k/a Cleveland-Cliffs Steel Corporation).

² Refers to Cleveland-Cliffs Inc. as borrower under our ABL Facility.

³ The total principal amounts for the indicated credit facilities are stated at their respective maximum borrowing capacities.

Debt Extinguishments - 2021

On June 28, 2021, we redeemed all of the \$396 million aggregate principal amount outstanding of the 5.75% 2025 Senior Notes using available liquidity. During the second quarter of 2021, we also repurchased \$25 million aggregate principal amount of 9.875% 2025 Senior Secured Notes.

On March 11, 2021, we purchased an aggregate principal amount of \$322 million of the 9.875% 2025 Senior Secured Notes using the net proceeds from the February 11, 2021 issuance of 20 million common shares and cash on hand. On March 12, 2021, we fully redeemed the 4.875% 2024 Senior Secured Notes, 7.625% 2021 AK Senior Notes, 7.50% 2023 AK Senior Notes, 6.375% 2025 Senior Notes and 6.375% 2025 AK Senior Notes, which totaled an aggregate principal amount of \$535 million.

The following is a summary of the debt extinguished and the respective impact on extinguishment:

Debt Instrument	(In Millions)			
	Three Months Ended June 30, 2021		Six Months Ended June 30, 2021	
	Debt Extinguished	(Loss) on Extinguishment	Debt Extinguished	(Loss) on Extinguishment
9.875% 2025 Senior Secured Notes	\$ 25	\$ (5)	\$ 347	\$ (47)
4.875% 2024 Senior Secured Notes	—	—	395	(14)
7.625% 2021 AK Senior Notes	—	—	34	—
7.50% 2023 AK Senior Notes	—	—	13	—
6.375% 2025 Senior Notes	—	—	64	(7)
6.375% 2025 AK Senior Notes	—	—	29	(3)
5.75% 2025 Senior Notes	396	(17)	396	(17)
	<u>\$ 421</u>	<u>\$ (22)</u>	<u>\$ 1,278</u>	<u>\$ (88)</u>

Debt Extinguishments - 2020

On April 24, 2020, we used the net proceeds from the offering of the additional 9.875% 2025 Senior Secured Notes to repurchase \$ 736 million aggregate principal amount of our outstanding senior notes of various series, which resulted in debt reduction of \$181 million. During the second quarter of 2020, we also repurchased an additional \$12 million aggregate principal amount of our outstanding senior notes of various series with cash on hand. On June 1, 2020, we redeemed \$7 million aggregate principal amount of our outstanding 2020 IRBs.

On March 13, 2020, in connection with the AK Steel Merger, we purchased \$ 364 million aggregate principal amount of 7.625% 2021 AK Senior Notes and \$311 million aggregate principal amount of 7.50% 2023 AK Senior Notes upon early settlement of tender offers made by Cliffs. The net proceeds from the offering of 6.75% 2026 Senior Secured Notes, along with a portion of the ABL Facility borrowings, were used to fund such purchases. As the 7.625% 2021 AK Senior Notes and 7.50% 2023 AK Senior Notes were recorded at fair value just prior to being purchased, there was no gain or loss on extinguishment. Additionally, in connection with the final settlement of the tender offers, we purchased \$9 million aggregate principal amount of the 7.625% 2021 AK Senior Notes and \$57 million aggregate principal amount of the 7.50% 2023 AK Senior Notes with cash on hand.

The following is a summary of the debt extinguished and the respective impact on extinguishment:

Debt Instrument	(In Millions)			
	Three Months Ended June 30, 2020		Six Months Ended June 30, 2020	
	Debt Extinguished	Gain on Extinguishment	Debt Extinguished	Gain on Extinguishment
7.625% 2021 AK Senior Notes	\$ —	\$ —	\$ 373	\$ —
7.50% 2023 AK Senior Notes	—	—	367	3
4.875% 2024 Senior Secured Notes	6	1	6	1
6.375% 2025 Senior Notes	168	21	168	21
1.50% 2025 Convertible Senior Notes	20	1	20	1
5.75% 2025 Senior Notes	77	16	77	16
7.00% 2027 Senior Notes	247	29	247	29
5.875% 2027 Senior Notes	194	49	194	49
6.25% 2040 Senior Notes	36	13	36	13
	<u>\$ 748</u>	<u>\$ 130</u>	<u>\$ 1,488</u>	<u>\$ 133</u>

ABL Facility

As of June 30, 2021, we were in compliance with the ABL Facility liquidity requirements and, therefore, the springing financial covenant requiring a minimum fixed charge coverage ratio of 1.0 to 1.0 was not applicable.

The following represents a summary of our borrowing capacity under the ABL Facility:

	(In Millions)
	June 30, 2021
Available borrowing base on ABL Facility ¹	\$ 3,500
Borrowings	(1,670)
Letter of credit obligations ²	(235)
Borrowing capacity available	\$ 1,595

¹As of June 30, 2021, the ABL Facility has a maximum borrowing base of \$3.5 billion. The available borrowing base is determined by applying customary advance rates to eligible accounts receivable, inventory and certain mobile equipment.

²We issued standby letters of credit with certain financial institutions in order to support business obligations including, but not limited to, workers' compensation, employee severance, insurance, operating agreements, IRBs and environmental obligations.

Debt Maturities

The following represents a summary of our maturities of debt instruments based on the principal amounts outstanding at June 30, 2021:

	(In Millions)
	Maturities of Debt
2021 (remaining period of year)	\$ —
2022	—
2023	56
2024	62
2025	2,573
Thereafter	2,823
Total maturities of debt	\$ 5,514

NOTE 9 - FAIR VALUE MEASUREMENTS

The carrying values of certain financial instruments (e.g., *Accounts receivable, net*, *Accounts payable* and *Other current liabilities*) approximate fair value and, therefore, have been excluded from the table below. A summary of the carrying value and fair value of other financial instruments were as follows:

	Classification	(In Millions)			
		June 30, 2021		December 31, 2020	
		Carrying Value	Fair Value	Carrying Value	Fair Value
Senior Notes	Level 1	\$ 3,548	\$ 4,446	\$ 3,802	\$ 4,446
IRBs due 2024 to 2028	Level 1	94	94	94	91
EDC Revolving Facilities - outstanding balance	Level 2	56	56	18	18
ABL Facility - outstanding balance	Level 2	1,670	1,670	1,510	1,510
Total long-term debt		\$ 5,368	\$ 6,266	\$ 5,424	\$ 6,065

The fair value of long-term debt was determined using quoted market prices.

NOTE 10 - PENSIONS AND OTHER POSTRETIREMENT BENEFITS

We offer defined benefit pension plans, defined contribution pension plans and OPEB plans to a significant portion of our employees and retirees. Benefits are also provided through multiemployer plans for certain union members.

The following are the components of defined benefit pension and OPEB costs (credits):

Defined Benefit Pension Costs (Credits)

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Service cost	\$ 14	\$ 6	\$ 28	\$ 11
Interest cost	26	15	52	23
Expected return on plan assets	(90)	(37)	(180)	(55)
Amortization:				
Net actuarial loss	8	6	16	13
Net periodic benefit credits	\$ (42)	\$ (10)	\$ (84)	\$ (8)

OPEB Costs (Credits)

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Service cost	\$ 12	\$ 1	\$ 25	\$ 2
Interest cost	19	5	37	7
Expected return on plan assets	(10)	(4)	(20)	(9)
Amortization:				
Prior service credits	—	—	—	(1)
Net actuarial loss	1	—	2	1
Net periodic benefit costs	\$ 22	\$ 2	\$ 44	\$ —

Based on funding requirements, we made defined benefit pension contributions of \$ 7 million and \$153 million for the three and six months ended June 30, 2021, respectively, compared to defined benefit pension contributions of \$4 million for the six months ended June 30, 2020. As a result of the CARES Act enacted on March 27, 2020, we deferred \$118 million of 2020 pension contributions, which were paid on January 4, 2021. For both the three and six months ended June 30, 2021, we made contributions of \$5 million for our voluntary employee benefit association trust plans. Based on funding requirements, no contributions for our voluntary employee benefit association trust plans were required or made for the three and six months ended June 30, 2020.

NOTE 11 - INCOME TAXES

Our 2021 estimated annual effective tax rate before discrete items as of June 30, 2021 is 21%. The estimated annual effective tax rate mirrors the U.S. statutory rate of 21%, as the adjusting items, including percentage depletion in excess of cost depletion, net to zero. The 2020 estimated annual effective tax rate before discrete items as of June 30, 2020 was 31%. The decrease in the estimated annual effective tax rate before discrete items is driven by the change in income.

NOTE 12 - ASSET RETIREMENT OBLIGATIONS

The following is a summary of our asset retirement obligations:

	(In Millions)	
	June 30, 2021	December 31, 2020
Asset retirement obligations ¹	\$ 397	\$ 342
Less: current portion	31	7
Long-term asset retirement obligations	<u>\$ 366</u>	<u>\$ 335</u>

¹ Includes \$243 million and \$190 million related to our active operations as of June 30, 2021 and December 31, 2020, respectively.

The accrued closure obligation provides for contractual and legal obligations related to our indefinitely idled and closed operations and for the eventual closure of our active operations. The closure date for each of our active mine sites was determined based on the exhaustion date of the remaining mineral reserves and the amortization of the related asset and accretion of the liability is recognized over the estimated mine lives. The closure date and expected timing of the capital requirements to meet our obligations for our indefinitely idled or closed mines is determined based on the unique circumstances of each property. For indefinitely idled or closed mines, the accretion of the liability is recognized over the anticipated timing of remediation. As the majority of our asset retirement obligations at our steelmaking operations have indeterminate settlement dates, asset retirement obligations have been recorded at present values using estimated ranges of the economic lives of the underlying assets.

The following is a roll forward of our asset retirement obligation liability:

	(In Millions)	
	2021	2020
Asset retirement obligation as of January 1	\$ 342	\$ 165
Increase from Acquisitions	57	14
Accretion expense	8	5
Remediation payments	(10)	(1)
Asset retirement obligation as of June 30	<u>\$ 397</u>	<u>\$ 183</u>

The increase from Acquisitions for the six months ended June 30, 2021 relates to measurement period adjustments as a result of the preliminary purchase price allocation of the AM USA Transaction.

NOTE 13 - CAPITAL STOCK
Underwritten Public Offering

On February 11, 2021, we sold 20 million of our common shares and 40 million common shares were sold by an affiliate of ArcelorMittal in an underwritten public offering. In each case, shares were sold at a price per share of \$16.12. Prior to this sale, ArcelorMittal held approximately 78 million common shares, which were issued as a part of the consideration in connection with the AM USA Transaction. We did not receive any proceeds from the sale of the 40 million common shares sold on behalf of ArcelorMittal. We used the net proceeds from the offering, plus cash on hand, to redeem \$322 million aggregate principal amount of our outstanding 9.875% 2025 Senior Secured Notes.

Acquisition of AK Steel

As more fully described in NOTE 3 - ACQUISITIONS, we acquired AK Steel on March 13, 2020. At the effective time of the AK Steel Merger, each share of AK Steel common stock issued and outstanding prior to the effective time of the AK Steel Merger was converted into, and became exchangeable for, 0.400 Cliffs common shares, par value \$ 0.125 per share. We issued a total of 127 million common shares in connection with the AK Steel Merger at a fair value of \$618 million. Following the closing of the AK Steel Merger, AK Steel's common stock was de-listed from the New York Stock Exchange.

Acquisition of ArcelorMittal USA

As more fully described in NOTE 3 - ACQUISITIONS, we acquired ArcelorMittal USA on December 9, 2020. Pursuant to the terms of the AM USA Transaction Agreement, we issued 78,186,671 common shares and 583,273

shares of a new series of our Serial Preferred Stock, Class B, without par value, designated as the "Series B Participating Redeemable Preferred Stock," in each case to an indirect, wholly owned subsidiary of ArcelorMittal as part of the consideration paid by us in connection with the closing of the AM USA Transaction.

Amendment to Articles of Incorporation

On April 29, 2021, we filed a Certificate of Amendment to our Fourth Amended Articles of Incorporation, as amended, to increase the total number of authorized common shares from 600,000,000 to 1,200,000,000.

Preferred Stock

We have 3,000,000 shares of Serial Preferred Stock, Class A, without par value, authorized, of which, none are issued or outstanding. We also have 4,000,000 shares of Serial Preferred Stock, Class B, without par value, authorized, of which, 583,273 shares were issued and outstanding as of June 30, 2021 and December 31, 2020.

Dividends

The below table summarizes our dividend activity during 2020:

Declaration Date	Record Date	Payment Date	Dividend Declared per Common Share
2/18/2020	4/3/2020	4/15/2020	\$ 0.06
12/2/2019	1/3/2020	1/15/2020	0.06

Subsequent to the dividend paid on April 15, 2020, our Board suspended future dividends.

NOTE 14 - ACCUMULATED OTHER COMPREHENSIVE LOSS

The following tables reflect the changes in *Accumulated other comprehensive loss* related to Cliffs shareholders' equity:

	(In Millions)			
	Postretirement Benefit Liability, net of tax	Foreign Currency Translation	Derivative Financial Instruments, net of tax	Accumulated Other Comprehensive Loss
December 31, 2020	\$ (135)	\$ 3	\$ (1)	\$ (133)
Other comprehensive income (loss) before reclassifications	—	(1)	8	7
Net (income) loss reclassified from accumulated other comprehensive loss	7	—	(1)	6
March 31, 2021	\$ (128)	\$ 2	\$ 6	\$ (120)
Other comprehensive income before reclassifications	—	—	51	51
Net (income) loss reclassified from accumulated other comprehensive loss	7	—	(4)	3
June 30, 2021	\$ (121)	\$ 2	\$ 53	\$ (66)

	(In Millions)			
	Postretirement Benefit Liability, net of tax	Foreign Currency Translation	Derivative Financial Instruments, net of tax	Accumulated Other Comprehensive Loss
December 31, 2019	\$ (316)	\$ —	\$ (3)	\$ (319)
Other comprehensive loss before reclassifications	—	(1)	(5)	(6)
Net loss reclassified from accumulated other comprehensive loss	6	—	2	8
March 31, 2020	\$ (310)	\$ (1)	\$ (6)	\$ (317)
Other comprehensive income before reclassifications	—	1	1	2
Net loss reclassified from accumulated other comprehensive loss	6	—	3	9
June 30, 2020	\$ (304)	\$ —	\$ (2)	\$ (306)

The following table reflects the details about *Accumulated other comprehensive loss* components reclassified from Cliffs shareholders' equity:

Details about Accumulated Other Comprehensive Loss Components	(In Millions)				Affected Line Item in the Statement of Unaudited Condensed Consolidated Operations
	Amount of (Income)/Loss Reclassified into Income, Net of Tax				
	Three Months Ended June 30,		Six Months Ended June 30,		
	2021	2020	2021	2020	
Changes in pension and OPEB:					
Prior service credits	\$ —	\$ (1)	\$ —	\$ (1)	Net periodic benefit credits other than service cost component
Net actuarial loss	9	8	18	15	Net periodic benefit credits other than service cost component
	9	7	18	14	Total before taxes
Income tax benefit	(2)	(1)	(4)	(2)	Income tax benefit (expense)
Net of taxes	\$ 7	\$ 6	\$ 14	\$ 12	
Changes in derivative financial instruments:					
Commodity contracts	\$ (5)	\$ 4	\$ (6)	\$ 7	Cost of goods sold
Income tax (benefit) expense	1	(1)	1	(2)	Income tax benefit (expense)
Net of taxes	\$ (4)	\$ 3	\$ (5)	\$ 5	
Total reclassifications for the period, net of tax	\$ 3	\$ 9	\$ 9	\$ 17	

NOTE 15 - RELATED PARTIES

We have certain co-owned joint ventures with companies from the steel and mining industries, including integrated steel companies, their subsidiaries and other downstream users of steel and iron ore products.

Hibbing is a co-owned joint venture in which we own 85.3% and U.S. Steel owns 14.7% as of June 30, 2021. As a result of the AM USA Transaction, we acquired an additional 62.3% ownership stake in Hibbing and became the majority owner and mine manager. Prior to the AM USA Transaction, ArcelorMittal was a related party due to its ownership interest in Hibbing. As such, for the three and six months ended June 30, 2020, certain long-term contracts with ArcelorMittal resulted in *Revenues* from related parties. As of June 30, 2020, we owned 23% of Hibbing.

Revenues from related parties were as follows:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Revenues from related parties	\$ 35	\$ 282	\$ 112	\$ 293
Revenues	\$ 5,045	\$ 1,093	\$ 9,094	\$ 1,452
Related party revenues as a percent of Revenues	1 %	26 %	1 %	20 %
Purchases from related parties	\$ 15	\$ 9	\$ 42	\$ 12

The following table presents the classification of related party assets and liabilities in the Statements of Unaudited Condensed Consolidated Financial Position:

Balance Sheet Location of Assets (Liabilities)	(In Millions)	
	June 30, 2021	December 31, 2020
Accounts receivable, net	\$ 3	\$ 2
Accounts payable	(8)	(6)

NOTE 16 - VARIABLE INTEREST ENTITIES

SunCoke Middletown

We purchase all the coke and electrical power generated from SunCoke Middletown's plant under long-term supply agreements and have committed to purchase all the expected production from the facility through 2032. We consolidate SunCoke Middletown as a VIE because we are the primary beneficiary despite having no ownership interest in SunCoke Middletown. SunCoke Middletown had income before income taxes of \$15 million and \$32 million for the three and six months ended June 30, 2021, respectively, compared to \$16 million and \$20 million for the three and six months ended June 30, 2020, respectively, that was included in our consolidated income before income taxes.

The assets of the consolidated VIE can only be used to settle the obligations of the consolidated VIE and not obligations of the Company. The creditors of SunCoke Middletown do not have recourse to the assets or general credit of the Company to satisfy liabilities of the VIE. The Statements of Unaudited Condensed Consolidated Financial Position includes the following amounts for SunCoke Middletown:

	(In Millions)	
	June 30, 2021	December 31, 2020
Cash and cash equivalents	\$ —	\$ 5
Inventories	22	21
Property, plant and equipment, net	302	308
Accounts payable	(11)	(15)
Other assets (liabilities), net	(6)	(10)
Noncontrolling interests	(307)	(309)

NOTE 17 - EARNINGS PER SHARE

The following table summarizes the computation of basic and diluted earnings per share:

	(In Millions, Except Per Share Amounts)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Income (loss) from continuing operations	\$ 794	\$ (107)	\$ 851	\$ (157)
Income from continuing operations attributable to noncontrolling interest	(15)	(16)	(31)	(19)
Net income (loss) from continuing operations attributable to Cliffs shareholders	779	(123)	820	(176)
Income (loss) from discontinued operations, net of tax	1	(1)	1	—
Net income (loss) attributable to Cliffs shareholders	<u>\$ 780</u>	<u>\$ (124)</u>	<u>\$ 821</u>	<u>\$ (176)</u>
Weighted average number of shares:				
Basic	500	399	495	348
Redeemable preferred shares	58	—	58	—
Convertible senior notes	22	—	21	—
Employee stock plans	5	—	5	—
Diluted	<u>585</u>	<u>399</u>	<u>579</u>	<u>348</u>
Earnings (loss) per common share attributable to Cliffs shareholders - basic ¹ :				
Continuing operations	\$ 1.40	\$ (0.31)	\$ 1.48	\$ (0.51)
Discontinued operations	—	—	—	—
	<u>\$ 1.40</u>	<u>\$ (0.31)</u>	<u>\$ 1.48</u>	<u>\$ (0.51)</u>
Earnings (loss) per common share attributable to Cliffs shareholders - diluted:				
Continuing operations	\$ 1.33	\$ (0.31)	\$ 1.42	\$ (0.51)
Discontinued operations	—	—	—	—
	<u>\$ 1.33</u>	<u>\$ (0.31)</u>	<u>\$ 1.42</u>	<u>\$ (0.51)</u>

¹ For the three and six months ended June 30, 2021, basic earnings per share is calculated by dividing *Net income (loss) attributable to Cliffs shareholders*, less \$82 million and \$86 million, respectively, of earnings attributed to Series B Participating Redeemable Preferred Stock, by the weighted average number of basic common shares outstanding during the period presented.

For both the three and six months ended June 30, 2020, we had 2 million shares related to employee stock plans that were excluded from the diluted EPS calculation as they were anti-dilutive. There was no dilution during the three and six months ended June 30, 2020 related to the common share equivalents for the convertible senior notes as our common shares average price did not exceed the conversion price.

NOTE 18 - COMMITMENTS AND CONTINGENCIES
Purchase Commitments

We purchase portions of the principal raw materials required for our steel manufacturing operations under annual and multi-year agreements, some of which have minimum quantity requirements. We also use large volumes of natural gas, electricity and industrial gases in our steel manufacturing operations. We negotiate most of our purchases of chrome, industrial gases and a portion of our electricity under multi-year agreements. Our purchases of coke are made under annual or multi-year agreements with periodic price adjustments. We typically purchase coal under annual fixed-price agreements. We also purchase certain transportation services under multi-year contracts with minimum quantity requirements.

Contingencies

We are currently the subject of, or party to, various claims and legal proceedings incidental to our current and historical operations. These claims and legal proceedings are subject to inherent uncertainties and unfavorable rulings could occur. An unfavorable ruling could include monetary damages, additional funding requirements or an injunction. If an unfavorable ruling were to occur, there exists the possibility of a material adverse effect on the financial position and results of operations for the period in which the ruling occurs or future periods. However, based on currently available information we do not believe that any pending claims or legal proceedings will result in a material adverse effect in relation to our consolidated financial statements.

Environmental Contingencies

Although we believe our operating practices have been consistent with prevailing industry standards, hazardous materials may have been released at operating sites or third-party sites in the past, including operating sites that we no longer own. If we reasonably can, we estimate potential remediation expenditures for those sites where future remediation efforts are probable based on identified conditions, regulatory requirements or contractual obligations arising from the sale of a business or facility. For sites involving government required investigations, we typically make an estimate of potential remediation expenditures only after the scope of remediation is determined or approved by the relevant environmental agencies. In general, the material factors in these estimates include the costs associated with investigations, delineations, risk assessments, remedial work, governmental response and oversight, site monitoring, and preparation of reports to the appropriate environmental agencies.

The following is a summary of our environmental obligations:

	(In Millions)	
	June 30, 2021	December 31, 2020
Environmental obligations	\$ 159	\$ 135
Less: current portion	15	18
Long-term environmental obligations	<u>\$ 144</u>	<u>\$ 117</u>

The increase in environmental obligations as of June 30, 2021, compared to December 31, 2020, relates to measurement period adjustments as a result of the preliminary purchase price allocation of the AM USA Transaction.

We cannot predict the ultimate costs for each site with certainty because of the evolving nature of the investigation and remediation process. Rather, to estimate the probable costs, we must make certain assumptions. The most significant of these assumptions is for the nature and scope of the work that will be necessary to investigate and remediate a particular site and the cost of that work. Other significant assumptions include the cleanup technology that will be used, whether and to what extent any other parties will participate in paying the investigation and remediation costs, reimbursement of past response costs and future oversight costs by governmental agencies, and the reaction of the governing environmental agencies to the proposed work plans. Costs for future investigation and remediation are not discounted to their present value, unless the amount and timing of the cash disbursements are readily known. To the extent that we have been able to reasonably estimate future liabilities, we do not believe that there is a reasonable possibility that we will incur a loss or losses that exceed the amounts we accrued for the environmental matters discussed below that would, either individually or in the aggregate, have a material adverse effect on our consolidated financial condition, results of operations or cash flows. However, since we recognize amounts in the consolidated financial statements in accordance with GAAP that exclude potential losses that are not probable or that may not be currently estimable, the ultimate costs of these environmental matters may be higher than the liabilities we currently have recorded in our consolidated financial statements.

Pursuant to RCRA, which governs the treatment, handling and disposal of hazardous waste, the EPA and authorized state environmental agencies may conduct inspections of RCRA-regulated facilities to identify areas where there have been releases of hazardous waste or hazardous constituents into the environment and may order the facilities to take corrective action to remediate such releases. Likewise, the EPA or the states may require closure or post-closure care of residual, industrial and hazardous waste management units, including, but not limited to, landfills and deep injection wells. Environmental regulators have the authority to inspect all of our facilities. While we cannot predict the future actions of these regulators, it is possible that they may identify conditions in future inspections of these facilities that they believe require corrective action.

Pursuant to CERCLA, the EPA and state environmental authorities have conducted site investigations at some of our facilities and other third-party facilities, portions of which previously may have been used for disposal of

materials that are currently regulated. The results of these investigations are still pending, and we could be directed to spend funds for remedial activities at the former disposal areas. Because of the uncertain status of these investigations, however, we cannot reasonably predict whether or when such spending might be required or its magnitude.

On April 29, 2002, AK Steel entered a mutually agreed-upon administrative order with the consent of the EPA pursuant to Section 122 of CERCLA to perform a RI/FS of the Hamilton plant site located in New Miami, Ohio. The plant ceased operations in 1990 and all of its former structures have been demolished. AK Steel submitted the investigation portion of the RI/FS and completed supplemental studies. Until the RI/FS is complete, we cannot reasonably estimate the additional costs, if any, we may incur for potentially required remediation of the site or when we may incur them.

EPA Administrative Order In Re: Ashland Coke

On September 26, 2012, the EPA issued an order under Section 3013 of RCRA requiring a plan to be developed for investigation of four areas at the Ashland Works coke plant. The Ashland Works coke plant ceased operations in 2011 and all of its former structures have been demolished and removed. In 1981, AK Steel acquired the plant from Honeywell International Corporation (as successor to Allied Corporation), who had managed the coking operations there for approximately 60 years. In connection with the sale of the coke plant, Honeywell agreed to indemnify AK Steel against certain claims and obligations that could arise from the investigation, and we intend to pursue such indemnification from Honeywell, if necessary. We cannot reasonably estimate how long it will take to complete the site investigation. On March 10, 2016, the EPA invited AK Steel to participate in settlement discussions regarding an enforcement action. Settlement discussions between the parties are ongoing, though whether the parties will reach agreement and any such agreement's terms are uncertain. Until the site investigation is complete, we cannot reasonably estimate the costs, if any, we may incur for potential additional required remediation of the site or when we may incur them.

Burns Harbor Water Issues

In August 2019, ArcelorMittal Burns Harbor LLC (n/k/a Cleveland-Cliffs Burns Harbor LLC) suffered a loss of the blast furnace cooling water recycle system, which led to the discharge of cyanide and ammonia in excess of the Burns Harbor plant's NPDES permit limits. Since that time, the facility has taken numerous steps to prevent recurrence and maintain compliance with its NPDES permit. Since the August 2019 event, we have been engaged in settlement discussions with the U.S. Department of Justice, the EPA and the State of Indiana to resolve any alleged violations of environmental laws or regulations. Also, ArcelorMittal Burns Harbor LLC was served with a subpoena on December 5, 2019, from the United States District Court for the Northern District of Indiana relating to the August 2019 event and has responded to the subpoena requests. In addition, the plaintiffs in *Environmental Law & Policy Center et al. v. ArcelorMittal Burns Harbor LLC et al.* (U.S. District Court, N.D. Indiana Case No. 19-cv-473), which was filed on December 20, 2019, have alleged violations resulting from the August 2019 event and other Clean Water Act claims. Although we cannot accurately estimate the amount of civil penalty, the cost of any injunctive relief requirements, or the costs to resolve third-party claims, including potential natural resource damages claims, they are likely to exceed the reporting threshold in total.

In addition to the foregoing matters, we are from time to time involved in proceedings with various regulatory authorities that may require us to pay fines, comply with more rigorous standards or other requirements or incur capital and operating expenses for environmental compliance. We believe that the ultimate disposition of any such proceedings will not have, individually or in the aggregate, a material adverse effect on our consolidated financial condition, results of operations or cash flows.

Tax Matters

The calculation of our tax liabilities involves dealing with uncertainties in the application of complex tax regulations. We recognize liabilities for anticipated tax audit issues based on our estimate of whether, and the extent to which, additional taxes will be due. If we ultimately determine that payment of these amounts is unnecessary, we reverse the liability and recognize a tax benefit during the period in which we determine that the liability is no longer necessary. We also recognize tax benefits to the extent that it is more likely than not that our positions will be sustained when challenged by the taxing authorities. To the extent we prevail in matters for which liabilities have been established, or are required to pay amounts in excess of our liabilities, our effective tax rate in a given period could be materially affected. An unfavorable tax settlement would require use of our cash and result in an increase in our effective tax rate in the year of resolution. A favorable tax settlement would be recognized as a reduction in our effective tax rate in the year of resolution. Refer to NOTE 11 - INCOME TAXES for further information.

Other Contingencies

In addition to the matters discussed above, there are various pending and potential claims against us and our subsidiaries involving product liability, commercial, employee benefits and other matters arising in the ordinary course of business. Because of the considerable uncertainties that exist for any claim, it is difficult to reliably or accurately estimate what the amount of a loss would be if a claimant prevails. If material assumptions or factual understandings we rely on to evaluate exposure for these contingencies prove to be inaccurate or otherwise change, we may be required to record a liability for an adverse outcome. If, however, we have reasonably evaluated potential future liabilities for all of these contingencies, including those described more specifically above, it is our opinion, unless we otherwise noted, that the ultimate liability from these contingencies, individually or in the aggregate, should not have a material adverse effect on our consolidated financial position, results of operations or cash flows.

NOTE 19 - SUBSEQUENT EVENTS

On July 27, 2021, the Company redeemed with cash all 583,273 shares outstanding of the Series B Participating Redeemable Preferred Stock at a redemption price of approximately \$1.2 billion in the aggregate. There were no accumulated and unpaid dividends on the Series B Participating Redeemable Preferred Stock as of the redemption date.

Item 2. *Management's Discussion and Analysis of Financial Condition and Results of Operations*

Management's Discussion and Analysis of Financial Condition and Results of Operations is designed to provide a reader of our financial statements with a narrative from the perspective of management on our financial condition, results of operations, liquidity and other factors that may affect our future results. We believe it is important to read our Management's Discussion and Analysis of Financial Condition and Results of Operations in conjunction with our Annual Report on Form 10-K for the year ended December 31, 2020, as well as other publicly available information.

Overview

Cliffs is the largest flat-rolled steel producer in North America. Founded in 1847 as a mine operator, we are also the largest manufacturer of iron ore pellets in North America. We are vertically integrated from mined raw materials and direct reduced iron to primary steelmaking and downstream finishing, stamping, tooling, and tubing. We serve a diverse range of markets due to our comprehensive offering of flat-rolled steel products and are the largest supplier of steel to the automotive industry in North America. Headquartered in Cleveland, Ohio, we employ approximately 25,000 people across our mining, steel and downstream manufacturing operations in the United States and Canada.

Economic Overview

The fundamentals for our business have rebounded strongly since the COVID-19 pandemic disruption that occurred during 2020. The price for domestic HRC, the most significant index in driving our revenues and profitability, currently is at an all-time high. The HRC index averaged \$1,374 per net ton for the first six months of 2021, 155% higher than the same period last year.

The dramatic increase in the HRC price is a result of both supply and demand factors. Healthy consumer balance sheets have driven strong demand for light vehicles and consumer goods, such as HVAC products and appliances. Demand from machinery and equipment producers has also been robust. On the supply side, spot steel availability remains very limited. Import penetration has grown slightly but remains lower than its prior five-year average due to healthy demand globally as well as trade restrictions such as the Section 232 tariffs.

Along with these supply-demand factors, pricing for HRC has also risen due to the rise in price of steelmaking input costs both domestically and globally, most notably for iron units. The price of busheling scrap, a necessary input for flat-rolled steel production in EAFs in the U.S., averaged \$571 per long ton during the first six months of 2021, a 79% increase from the prior-year period. We expect the price of busheling scrap to remain elevated due to decreasing prime scrap generation from original equipment manufacturers and the growth of EAF capacity in the U.S., along with a push for expanded scrap use globally. As we are fully-integrated and have primarily a blast furnace footprint, the rising prices for busheling scrap in the U.S. bolster our competitive advantage, as we source the majority of our iron feedstock from our stable-cost mining and pelletizing operations in Minnesota and Michigan. The rising price of busheling scrap should also benefit the profitability of our HBI sold externally and provide greater cost savings potential for HBI used internally.

The price of iron ore has also risen dramatically over the past year, which along with strong demand, has been an important factor in rising steel prices globally. The Platts 62% Price averaged \$183 per metric ton in the first six months of 2021, a 101% increase compared to the same period in 2020. While higher iron ore prices play a role in increased steel prices, we also directly benefit from higher iron ore prices for the portion of iron ore pellets we sell to third parties.

The largest market for our steel products is the automotive industry in North America, which makes light vehicle production a key driver of demand. In the first six months of 2021, North American light vehicle production was approximately 6.8 million units, a 32% increase from the prior year's comparable period. This increase is primarily due to the ongoing recovery from the COVID-19 pandemic, though automotive production has been adversely affected in 2021 by the global semiconductor shortage, as well as other material shortages and supply chain disruptions. This has caused several outages amongst light vehicle manufacturers. In light of these production outages, we have been able to redirect certain volumes originally intended for this end market to the spot market, where demand has been strong and pricing continues to be at an all-time high.

During the second quarter of 2021, light vehicle sales in the U.S. saw a seasonally adjusted annualized rate of 17.0 million units with 3.9 million passenger cars and 13.1 million light trucks sold. The second quarter average represents a 50% increase over the second quarter of 2020. These healthy sales, combined with continued production difficulties, brought light vehicle inventories to an all-time low of 23 days' supply during the second quarter of 2021.

Competitive Strengths

As the largest flat-rolled steel producer in North America, we benefit from having the size and scale necessary in a competitive, capital intensive business. Our sizeable operating footprint provides us with the operational leverage, flexibility and cost performance to achieve competitive margins throughout the business cycle. We also have a unique vertically integrated profile, which begins at the mining stage and goes all the way through the manufacturing of steel products, including stamping, tooling and tubing. This positioning gives us both lower and more predictable costs throughout the supply chain and more control over both our manufacturing inputs and our end product destination.

Our legacy business of producing iron ore pellets, which is our primary steelmaking raw material input, is another competitive advantage. Mini-mills (producers using EAFs) now comprise about 71% of steel production in the U.S. Their primary iron input is scrap metal, which has unpredictable and often volatile pricing. By controlling our iron ore pellet supply, our primary steelmaking raw material feedstock can be secured at a stable and predictable cost and not be subject to factors outside of our control.

We are also the largest supplier of automotive-grade steel in the U.S. Compared to other steel end markets, automotive steel is generally higher quality and more operationally and technologically intensive to produce. As such, it often generates higher through-the-cycle margins, making it a desirable end market for the steel industry. With our continued technological innovation, as well as leading delivery performance, we expect to remain the leader in supplying this industry.

We believe we offer the most comprehensive flat-rolled steel product selection in the industry, along with several complementary products and services. A sampling of this offering includes advanced high-strength steel, hot-dipped galvanized, aluminized, galvalume, electrogalvanized, galvaneal, HRC, cold-rolled coil, plate, tinplate, grain oriented electrical steel, non-oriented electrical steel, stainless steels, tool and die, stamped components, rail and slabs. Across the quality spectrum and the supply chain, our customers can frequently find the solutions they need from our product selection.

We are the first and the only producer of HBI in the Great Lakes region. Construction of our Toledo, Ohio, direct reduction plant was completed in the fourth quarter of 2020. From this modern plant, we produce a high-quality, low-cost and low-carbon intensive HBI product that can be used in our blast furnaces as a productivity enhancer or our basic oxygen furnaces and EAFs as a scrap alternative. With increasing tightness in the scrap market and our own internal needs for scrap and metallics, we expect our Toledo direct reduction plant to support healthy Steelmaking margins for us going forward.

Strategy

Optimizing Our Fully-Integrated Steelmaking Footprint

We have transformed into a fully-integrated steel enterprise with the size and scale to achieve improved through-the-cycle margins and are the largest flat-rolled steel producer in North America.

Now that the AM USA Transaction is completed, our focus is on the integration of these facilities within our footprint while meeting the currently strong demand environment for steel. These assets build upon our existing high-end steelmaking and raw material capabilities and also open up new markets to us. The combination provides us the additional scale and technical capabilities necessary in a competitive and increasingly quality-focused marketplace. We have ample opportunities to implement improvements in logistics, procurement, utilization and quality.

Maximizing Our Commercial Strengths

With the Acquisitions completed, we now have enhanced our offering to a full suite of flat steel products encompassing all steps of the steel manufacturing process. We have an industry-leading market share in the automotive sector, where our portfolio of high-end products delivers a broad range of differentiated solutions for this highly sought after customer base.

We believe we have the broadest flat steel product offering in North America, and can meet customer needs from a variety of end markets and quality specifications. We have several finishing and downstream facilities with advanced technological capabilities.

We are also proponents of the “value over volume” approach in terms of steel supply. We take our leadership role in the industry very seriously and intend to manage our steel output in a responsible manner.

Expanding to New Markets

We are seeking to expand our customer base with the rapidly growing and desirable electric vehicle market. At this time, we believe the North American automotive industry is approaching a monumental inflection point, with the adoption of electrical motors in passenger vehicles. As this market grows, it will require more advanced steel applications to meet the needs of electric vehicle producers and consumers. With our unique technical capabilities, we believe we are positioned better than any other North American steelmaker to supply the steel and parts necessary to fill these needs.

We also have the right products to meet the growing demand for renewable energy as well as for the modernization of the U.S. electrical grid. For example, we offer plate products that can be used in windmills. By 2030, offshore wind projects could generate 7 million tons of new steel demand, according to a recent statement by the U.S. Departments of Interior, Energy and Commerce. We are currently the sole producer of electrical steel in the United States, which can facilitate the modernization of the U.S. electrical grid.

While the majority of our HBI is currently being used internally, our Toledo direct reduction plant allows us to offer another unique, high-quality product to discerning raw material buyers. It is our view that demand for HBI will continue to grow as the scrap market tightens in response to announced EAF steel capacity additions coming online.

Improving Financial Flexibility

Given the cyclicity of our business, it is important to us to be in the financial position to easily withstand any negative demand or pricing pressure we may encounter. As such, our top priority for the allocation of our free cash flow is to improve our balance sheet via the reduction of long-term debt. During the COVID-19 pandemic, we were able to issue secured debt to provide insurance capital through the uncertain industry conditions that the pandemic caused. Now that business conditions have improved and we expect to generate healthy free cash flow during 2021, we have the ability to lower our long-term debt balance.

We anticipate that the current strong market environment will provide us ample opportunities to reduce our debt with our own free cash flow generation. We will also continue to review the composition of our debt, as we are interested in both extending our average maturity profile and increasing our ratio of unsecured debt to secured debt, which we demonstrated by executing a series of favorable debt and equity capital markets transactions during February 2021. In addition, in June 2021, we redeemed all \$396 million aggregate principal amount outstanding of the 5.75% 2025 Senior Notes. These actions will better prepare us to navigate more easily through potentially volatile industry conditions in the future.

Enhance our Commitment to Environmental Sustainability

As we integrate our facilities, our commitment to operating our business in a more environmentally responsible manner remains constant. One of the most important issues impacting our industry, our stakeholders and our planet is climate change. As a result, we are continuing our proactive approach by committing to reduce GHG emissions 25% from 2017 levels by 2030. This goal represents combined Scope 1 (direct) and Scope 2 (indirect) GHG emission reductions across all of our operations.

Prior to setting this goal with our newly acquired steel assets, we exceeded our previous 26% GHG reduction target at our legacy facilities six years ahead of our 2025 goal. In 2019, we reduced our combined Scope 1 and Scope 2 GHG emissions by 42% on a mass basis from 2005 baseline levels. Our goal is to further reduce those emissions in coming years.

Additionally, many of our steel assets have improved plant and energy efficiency through participation in programs like the U.S. Department of Energy's Better Plants program and the EPA's Energy Star program. With our longstanding focus on plant and energy efficiency, we aim to build on our previous successes across our newly integrated enterprise.

Our GHG reduction commitment is based on executing the following five strategic priorities:

- Developing domestically sourced, high quality iron ore feedstock and utilizing natural gas in the production of HBI;
- Implementing energy efficiency and clean energy projects;
- Investing in the development of carbon capture technology;
- Enhancing our GHG emissions transparency and sustainability focus; and
- Supporting public policies that facilitate GHG reduction in the domestic steel industry.

Recent Developments

Financing Transactions

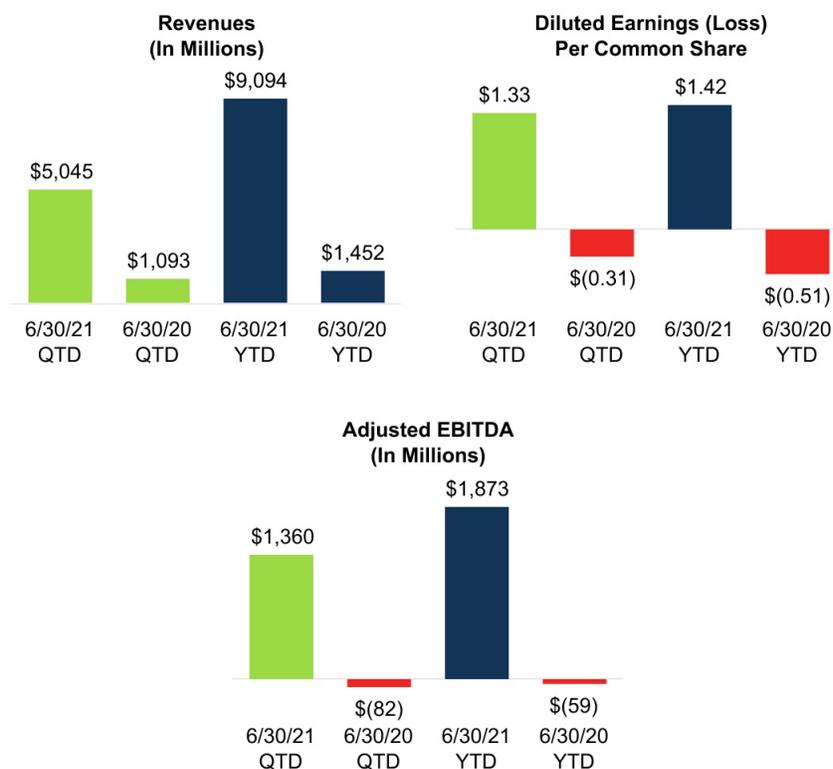
On June 28, 2021, we redeemed the entirety of our outstanding 5.75% 2025 Senior Notes using available liquidity. Pursuant to the terms on the indenture governing the 5.75% 2025 Senior Notes, we paid \$415 million, including \$396 million aggregate principal amount, plus make-whole premiums and accrued and unpaid interest to, but not including, the redemption date.

On July 27, 2021, we redeemed with cash all 583,273 shares outstanding of our Series B Participating Redeemable Preferred Stock at a redemption price of approximately \$1.2 billion in the aggregate. There were no accumulated and unpaid dividends on the Series B Participating Redeemable Preferred Stock as of the redemption date.

Results of Operations

Overview

For the three and six months ended June 30, 2021, we had *Net income* of \$795 million and \$852 million, respectively, compared to a *Net loss* of \$108 million and \$157 million for the three and six months ended June 30, 2020, respectively. Our *Revenues*, diluted EPS and Adjusted EBITDA for the three and six months ended June 30, 2021 and 2020 were as follows:



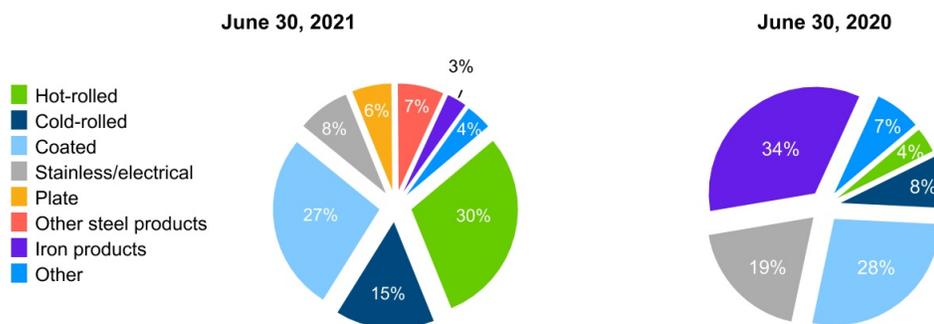
See "— Results of Operations — Adjusted EBITDA" below for a reconciliation of our *Net income (loss)* to Adjusted EBITDA.

Revenues

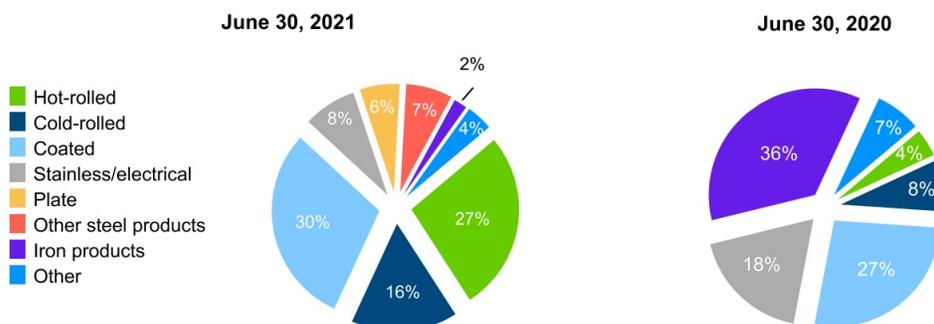
During the three and six months ended June 30, 2021, our consolidated *Revenues* increased by \$4.0 billion and \$7.6 billion, respectively, compared to the prior-year periods. The increase for the three months ended June 30, 2021, was primarily due to our Steelmaking segment, which had an increase in steel shipments of 3.6 million net tons and an increase in the average steel product selling price of \$77 per net ton. The increase for the six months ended June 30, 2021, was primarily due to the addition of 7.5 million net tons of steel shipments from our Steelmaking segment.

Revenues by Product Line

The following represents our consolidated *Revenues* by product line for the three months ended:



The following represents our consolidated *Revenues* by product line for the six months ended:



Revenues by Market

The following table represents our consolidated *Revenues* and percentage of revenues from each of the markets we supply:

	(In Millions)							
	Three Months Ended June 30,				Six Months Ended June 30,			
	2021		2020		2021		2020	
	Revenue	%	Revenue	%	Revenue	%	Revenue	%
Automotive	\$ 1,226	24 %	\$ 358	33 %	\$ 2,629	29 %	\$ 476	33 %
Infrastructure and Manufacturing	1,323	26 %	204	19 %	2,307	25 %	247	17 %
Distributors and Converters	1,964	39 %	147	13 %	3,256	36 %	201	14 %
Steel Producers	532	11 %	384	35 %	902	10 %	528	36 %
Total revenues	\$ 5,045		\$ 1,093		\$ 9,094		\$ 1,452	

Operating Costs

Cost of goods sold

During the three and six months ended June 30, 2021, *Cost of goods sold* increased by \$2.6 billion and \$6.0 billion, respectively, as compared to the prior-year periods. The increases were primarily due to the addition of 3.6

million and 7.5 million net tons of steel shipments from our Steelmaking segment for the three and six months ended June 30, 2021, respectively.

Selling, general and administrative expenses

As a result of the Acquisitions, our *Selling, general and administrative expenses* increased by \$42 million and \$109 million during the three and six months ended June 30, 2021, respectively, as compared to the prior-year periods.

Acquisition-related costs

The following table represents the components of *Acquisition-related costs*:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Severance	\$ (1)	\$ (17)	\$ (12)	\$ (36)
Third-party expenses	—	(2)	(2)	(25)
Total	\$ (1)	\$ (19)	\$ (14)	\$ (61)

Refer to NOTE 3 - ACQUISITIONS for further information on the Acquisitions.

Miscellaneous – net

Miscellaneous – net expense increased by \$13 million and \$4 million for the three and six months ended June 30, 2021, respectively, as compared to the prior-year periods. The incremental expense was primarily due to the acquisition-related loss on equity method investment during the three months ended June 30, 2021, which was partially offset by a decrease in expenses incurred at our Toledo direct reduction plant recorded in *Miscellaneous – net* prior to start of production in December 2020.

Other Income (Expense)

Interest expense, net

Interest expense, net increased by \$16 million and \$77 million for the three and six months ended June 30, 2021, respectively, as compared to the prior-year periods. The increases were primarily due to the incremental debt that we incurred in connection with the AK Steel Merger, along with borrowings on the ABL Facility, and a decrease in capitalized interest during 2021, due to the completion of our Toledo direct reduction plant in December 2020.

Gain (loss) on extinguishment of debt

The loss on extinguishment of debt of \$22 million for the three months ended June 30, 2021, resulted from the repurchase of \$396 million aggregate principal amount of 5.75% 2025 Senior Notes and the repurchase of \$25 million aggregate principal amount of 9.875% 2025 Senior Secured Notes. The loss on extinguishment of debt of \$88 million for the six months ended June 30, 2021, was also impacted by the repurchases in the first quarter of 2021 of \$322 million in aggregate principal amount of 9.875% 2025 Senior Secured Notes and \$535 million in aggregate principal amount of our outstanding senior notes of various series.

The gain on extinguishment of debt of \$130 million for the three months ended June 30, 2020, resulted from the repurchase of \$748 million aggregate principal amount of our outstanding senior notes. The six months ended June 30, 2020, was also impacted by the purchase of \$57 million aggregate principal amount of 7.50% 2023 AK Senior Notes and \$9 million aggregate principal amount of 7.625% 2021 AK Senior Notes.

Refer to NOTE 8 - DEBT AND CREDIT FACILITIES for further details.

Net periodic benefit credits other than service cost component

The increases in *Net periodic benefit credits other than service cost component* of \$31 million and \$72 million for the three and six months ended June 30, 2021, respectively, as compared to the prior-year periods, primarily relate to an increase in the expected return on pension and voluntary employee benefit association trust assets acquired as a result of the Acquisitions. Refer to NOTE 10 - PENSIONS AND OTHER POSTRETIREMENT BENEFITS for further details.

Income Taxes

Our effective tax rate is impacted by permanent items, primarily depletion. It also is affected by discrete items that may occur in any given period, but are not consistent from period to period. The following represents a summary of our tax provision and corresponding effective rates:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Income tax benefit (expense)	\$ (216)	\$ 25	\$ (225)	\$ 76
Effective tax rate	21 %	19 %	21 %	33 %

The difference in the effective rate and income tax expense from the comparable prior-year period primarily relates to the change in income.

Our 2021 estimated annual effective tax rate before discrete items is 21%. This estimated annual effective tax rate mirrors the U.S. statutory rate of 21%, as the adjusting items, including percentage depletion in excess of cost depletion, net to zero. The 2020 estimated annual effective tax rate before discrete items at June 30, 2020 was 31%. The decrease in the estimated annual effective tax rate before discrete items is driven by the change in income.

Adjusted EBITDA

We evaluate performance on an operating segment basis, as well as a consolidated basis, based on Adjusted EBITDA, which is a non-GAAP measure. This measure is used by management, investors, lenders and other external users of our financial statements to assess our operating performance and to compare operating performance to other companies in the steel industry. In addition, management believes Adjusted EBITDA is a useful measure to assess the earnings power of the business without the impact of capital structure and can be used to assess our ability to service debt and fund future capital expenditures in the business.

The following table provides a reconciliation of our *Net income (loss)* to Adjusted EBITDA:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Net income (loss)	\$ 795	\$ (108)	\$ 852	\$ (157)
Less:				
Interest expense, net	(85)	(69)	(177)	(100)
Income tax benefit (expense)	(216)	25	(225)	76
Depreciation, depletion and amortization	(208)	(77)	(425)	(112)
Total EBITDA	<u>\$ 1,304</u>	<u>\$ 13</u>	<u>\$ 1,679</u>	<u>\$ (21)</u>
Less:				
EBITDA of noncontrolling interests ¹	\$ 21	\$ 21	\$ 43	\$ 25
Gain (loss) on extinguishment of debt	(22)	130	(88)	133
Severance costs	(1)	(17)	(12)	(36)
Acquisition-related costs excluding severance costs	—	(2)	(2)	(25)
Acquisition-related loss on equity method investment	(18)	—	(18)	—
Amortization of inventory step-up	(37)	(36)	(118)	(59)
Impact of discontinued operations	1	(1)	1	—
Total Adjusted EBITDA	<u>\$ 1,360</u>	<u>\$ (82)</u>	<u>\$ 1,873</u>	<u>\$ (59)</u>
¹ EBITDA of noncontrolling interests includes the following:				
Net income attributable to noncontrolling interests	\$ 15	\$ 16	\$ 31	\$ 19
Depreciation, depletion and amortization	6	5	12	6
EBITDA of noncontrolling interests	<u>\$ 21</u>	<u>\$ 21</u>	<u>\$ 43</u>	<u>\$ 25</u>

The following table provides a summary of our Adjusted EBITDA by segment:

	(In Millions)			
	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Adjusted EBITDA:				
Steelmaking	\$ 1,395	\$ (54)	\$ 1,932	\$ (10)
Other Businesses	8	2	19	4
Corporate and eliminations	(43)	(30)	(78)	(53)
Total Adjusted EBITDA	<u>\$ 1,360</u>	<u>\$ (82)</u>	<u>\$ 1,873</u>	<u>\$ (59)</u>

Adjusted EBITDA from our Steelmaking segment for the three and six months ended June 30, 2021, increased by \$1,449 million and \$1,942 million, respectively, as compared to the prior-year periods. The results were favorably impacted by the operating results related to the acquired steelmaking operations. Our Steelmaking segment Adjusted EBITDA included \$61 million of *Selling, general and administrative expenses*. See “—Steelmaking” below for further detail.

Adjusted EBITDA from Corporate and eliminations primarily relates to *Selling, general and administrative expenses* at our Corporate headquarters.

Steelmaking

The following is a summary of our Steelmaking segment results included in our consolidated financial statements for the three and six months ended June 30, 2021 and 2020. The results for 2021 include full period

results for all Steelmaking operations. The results for 2020 include AK Steel operations subsequent to March 13, 2020, and our results from operations previously reported as part of our Mining and Pelletizing segment.

The following is a summary of our Steelmaking segment operating results:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2021	2020	2021	2020
Operating Results - In Millions				
Revenues	\$ 4,922	\$ 1,023	\$ 8,841	\$ 1,360
Cost of goods sold	\$ (3,730)	\$ (1,142)	\$ (7,374)	\$ (1,477)
Selling Price - Per Ton				
Average net selling price per net ton of steel products	\$ 1,118	\$ 1,041	\$ 1,017	\$ 1,026

The following tables represent our Steelmaking segment *Revenues* by product line:

	(Dollars In Millions, Sales Volumes In Thousands)			
	Three Months Ended June 30,			
	2021		2020	
	Revenue	Volume ¹	Revenue	Volume ¹
Hot-rolled steel	\$ 1,485	1,386	\$ 42	63
Cold-rolled steel	773	720	88	123
Coated steel	1,379	1,247	301	333
Stainless and electrical steel	397	168	208	95
Plate steel	321	273	—	—
Other steel products	345	411	—	—
Iron products	155	849	377	3,718
Other	67	N/A	7	N/A
Total	\$ 4,922		\$ 1,023	

¹ All steel product volumes are stated in net tons. Iron product volumes are stated in long tons.

	(Dollars In Millions, Sales Volumes In Thousands)			
	Six Months Ended June 30,			
	2021		2020	
	Revenue	Volume ¹	Revenue	Volume ¹
Hot-rolled steel	\$ 2,404	2,568	\$ 61	94
Cold-rolled steel	1,417	1,468	116	163
Coated steel	2,703	2,616	391	432
Stainless and electrical steel	760	335	264	122
Plate steel	572	548	—	—
Other steel products	635	814	—	—
Iron products	225	1,449	519	5,069
Other	125	N/A	9	N/A
Total	\$ 8,841		\$ 1,360	

¹ All steel product volumes are stated in net tons. Iron product volumes are stated in long tons.

Operating Results

Steelmaking revenues for the three and six months ended June 30, 2021 increased by \$3,899 million and \$7,481 million, respectively, compared to the prior-year periods, primarily due to the addition of sales following the Acquisitions. The three and six months ended June 30, 2021 included results of the operations acquired in the Acquisitions for the full six months, compared to the three and six months ended June 30, 2020, which included the operating results from AK Steel during the period of March 13, 2020 through June 30, 2020. Results for the three and six months ended June 30, 2021 were impacted positively by the increase in the price for domestic HRC, which is the most significant index driving our revenues and profitability. The HRC index averaged \$1,374 per net ton for the first six months of 2021, 155% higher than the same period last year and currently at an all-time high as a direct result of favorable supply-demand dynamics following the COVID-19 pandemic. We have also benefited from higher steel shipments due to stronger demand.

Cost of goods sold for the three and six months ended June 30, 2021 increased by \$2,588 million and \$5,897 million, respectively, compared to the prior-year periods, predominantly due to additional sales as discussed above.

As a result, Adjusted EBITDA was \$1,395 million and \$1,932 million for the three and six months ended June 30, 2021, respectively, compared to negative Adjusted EBITDA of \$54 million and \$10 million for the three and six months ended June 30, 2020, respectively. Adjusted EBITDA for the three and six months ended June 30, 2021 was positively impacted by the addition of sales following the Acquisitions, the increase in the price for HRC and the higher demand for steel products, as discussed above.

Production

During the first six months of 2021, we produced 9.6 million net tons of raw steel, 13.6 million long tons of iron ore products and 1.5 million net tons of coke. Our Monessen facility acquired through the AM USA Transaction was temporarily idled due to impacts of the COVID-19 pandemic but is expected to resume production during the third quarter of 2021. We restarted our temporarily idled Columbus Coatings facility during the second quarter of 2021. During the first six months of 2020, we produced 0.8 million net tons of raw steel, 6.9 million long tons of iron ore pellets and 0.2 million net tons of coke.

Liquidity, Cash Flows and Capital Resources

Our primary sources of liquidity are *Cash and cash equivalents* and cash generated from our operations, availability under the ABL Facility and other financing activities. Our capital allocation decision-making process is focused on preserving healthy liquidity levels while maintaining the strength of our balance sheet and creating financial flexibility to manage through the inherent cyclical demand for our products and volatility in commodity prices. We are focused on maximizing the cash generation of our operations, reducing debt, and aligning capital investments with our strategic priorities and the requirements of our business plan, including regulatory and permission-to-operate related projects.

Following the onset of the COVID-19 pandemic in the U.S. in 2020, our primary focus was to maintain adequate levels of liquidity to manage through a potentially prolonged economic downturn. Now that business conditions have improved and we expect to generate healthy free cash flow during the remaining six months of 2021, we believe we will have the ability to lower our long-term debt balance. We also look at the composition of our debt, as we are interested in both extending our average maturity length and increasing our ratio of unsecured debt to secured debt, which can be accomplished with cash provided by operating activities. These actions will better prepare us to navigate more easily through potentially volatile industry conditions in the future. In furtherance of these goals, we consummated the following financing transactions during the first six months of 2021.

On February 11, 2021, we sold 20 million common shares at a price per share of \$16.12. We used the net proceeds from the offering, plus cash on hand, to redeem \$322 million aggregate principal amount of our outstanding 9.875% 2025 Senior Secured Notes. Prior to such use, the net proceeds were used to temporarily reduce the outstanding borrowings under our ABL Facility.

On February 17, 2021, we issued \$500 million aggregate principal amount of 4.625% 2029 Senior Notes and \$500 million aggregate principal amount of 4.875% 2031 Senior Notes in an offering that was exempt from the registration requirements of the Securities Act. We used the net proceeds from the notes offering to redeem all of the outstanding 4.875% 2024 Senior Secured Notes and 6.375% 2025 Senior Notes issued by Cleveland-Cliffs Inc. and all of the outstanding 7.625% 2021 AK Senior Notes, 7.50% 2023 AK Senior Notes and 6.375% 2025 AK Senior Notes issued by AK Steel Corporation (n/k/a Cleveland-Cliffs Steel Corporation), and pay fees and expenses in connection with such redemptions, and reduce borrowings under our ABL Facility.

The application of the net proceeds to us from the February 2021 financing transactions shifted our debt horizon by providing a four-year window in which none of our long-term senior notes are due, clearing the way for us to fully focus on operational integration.

Additionally, on June 28, 2021, we redeemed the entirety of our outstanding 5.75% 2025 Senior Notes using available liquidity. Pursuant to the terms of the indenture governing the 5.75% 2025 Senior Notes, we paid \$415 million, including \$396 million aggregate principal amount, plus make-whole premiums and accrued and unpaid interest to, but not including, the redemption date.

Based on our outlook for the next 12 months, which is subject to continued changing demand from customers and volatility in domestic steel prices, we expect to have ample liquidity through cash generated from operations and availability under our ABL Facility sufficient to meet the needs of our operations and service our debt obligations.

The following discussion summarizes the significant items impacting our cash flows during the six months ended June 30, 2021 and 2020 as well as expected impacts to our future cash flows over the next 12 months. Refer to the Statements of Unaudited Condensed Consolidated Cash Flows for additional information.

Operating Activities

Net cash provided by operating activities was \$132 million for the six months ended June 30, 2021, compared to net cash used by operating activities of \$298 million for the six months ended June 30, 2020. The increase in cash provided by operating activities during the first six months of 2021, compared to 2020, was driven by improved operating results, partially offset by changes in working capital. Changes in working capital included increases in inventory primarily related to the automotive chip shortage, as well as increases in receivables primarily related to rising prices. The increase in cash provided by operating activities was also offset by deferred pension contributions.

Investing Activities

Net cash used by investing activities was \$242 million and \$1,152 million for the six months ended June 30, 2021 and 2020, respectively. We had capital expenditures of \$298 million and \$283 million for the six months ended June 30, 2021 and 2020, respectively. We had cash outflows for the development of the Toledo direct reduction plant of \$54 million and \$213 million for the six months ended June 30, 2021 and 2020, respectively. Additionally, we spent \$244 million and \$70 million on sustaining capital expenditures during the six months ended June 30, 2021 and 2020, respectively. Sustaining capital spend includes infrastructure, mobile equipment, fixed equipment, product quality, environment, health and safety.

During the first six months of 2020, we had net cash outflows of \$869 million for the acquisition of AK Steel, net of cash acquired, which included \$590 million used to repay the former AK Steel Corporation revolving credit facility and \$324 million used to purchase outstanding 7.50% 2023 AK Senior Notes.

We anticipate total cash used for capital expenditures during the next 12 months to be between \$700 and \$750 million.

Financing Activities

Net cash provided by financing activities was \$71 million and \$1,171 million for the six months ended June 30, 2021 and 2020, respectively. Cash inflows from financing activities for the six months ended June 30, 2021 included the issuances of \$500 million aggregate principal amount of 4.625% 2029 Senior Notes, \$500 million aggregate principal amount of 4.875% 2031 Senior Notes and 20 million common shares for proceeds of \$322 million, along with net borrowings of \$190 million under credit facilities. We used available liquidity to redeem all \$396 million aggregate principal amount outstanding of our 5.75% 2025 Senior Notes. We used the net proceeds from the issuance of the 20 million common shares, and cash on hand, to repurchase \$322 million in aggregate principal amount of 9.875% 2025 Senior Secured Notes. We used the net proceeds from the issuances of the 4.625% 2029 Senior Notes and 4.875% 2031 Senior Notes to redeem all of the outstanding 4.875% 2024 Senior Secured Notes, 6.375% 2025 Senior Notes, 7.625% 2021 AK Senior Notes, 7.50% 2023 AK Senior Notes and 6.375% 2025 AK

Senior Notes, and pay fees and expenses in connection with such redemptions, and reduce borrowings under our ABL Facility.

Net cash provided by financing activities for the six months ended June 30, 2020 primarily related to the issuances of \$845 million aggregate principal amount of 6.75% 2026 Senior Secured Notes, \$955 million aggregate principal amount of 9.875% 2025 Senior Secured Notes and borrowings of \$800 million under the ABL Facility. The net proceeds from the initial issuance of \$725 million aggregate principal amount of the 6.75% 2026 Senior Secured Notes, along with cash on hand, were used to purchase \$373 million aggregate principal amount of 7.625% 2021 AK Senior Notes and \$367 million aggregate principal amount of 7.50% 2023 AK Senior Notes and to pay for the \$44 million of debt issuance costs in the first quarter of 2020. The net proceeds from the additional issuance of \$555 million aggregate principal amount of the 9.875% 2025 Senior Secured Notes were used to repurchase \$736 million aggregate principal amount of our outstanding senior notes. Additionally, during the second quarter of 2020, we repaid \$250 million under the ABL Facility.

On July 27, 2021, we redeemed with cash all 583,273 shares outstanding of our Series B Participating Redeemable Preferred Stock at a redemption price of approximately \$1.2 billion in the aggregate. There were no accumulated and unpaid dividends on the Series B Participating Redeemable Preferred Stock as of the redemption date.

We anticipate future uses of cash during the next 12 months to include repayment of our ABL balance, as well as opportunistic transactions, including other debt repayments.

Capital Resources

The following represents a summary of key liquidity measures:

	(In Millions)
	June 30, 2021
Cash and cash equivalents	\$ 73
Available borrowing base on ABL Facility ¹	\$ 3,500
Borrowings	(1,670)
Letter of credit obligations	(235)
Borrowing capacity available	\$ 1,595

¹ As of June 30, 2021, the ABL Facility had a maximum borrowing base of \$3.5 billion. The available borrowing base is determined by applying customary advance rates to eligible accounts receivable, inventory and certain mobile equipment.

Our primary sources of funding are cash and cash equivalents, which totaled \$73 million as of June 30, 2021, cash generated by our business, availability under the ABL Facility and other financing activities. The combination of cash and availability under the ABL Facility gives us \$1.7 billion in liquidity entering the third quarter of 2021, which is expected to be adequate to fund operations, letter of credit obligations, sustaining and expansion capital expenditures and other cash commitments for at least the next 12 months.

As of June 30, 2021, we were in compliance with the ABL Facility liquidity requirements and, therefore, the springing financial covenant requiring a minimum fixed charge coverage ratio of 1.0 to 1.0 was not applicable.

Off-Balance Sheet Arrangements

In the normal course of business, we are a party to certain arrangements that are not reflected on our Statements of Unaudited Condensed Consolidated Financial Position. These arrangements include minimum "take or pay" purchase commitments, such as minimum electric power demand charges, minimum coal, diesel and natural gas purchase commitments, minimum railroad transportation commitments and minimum port facility usage commitments, and financial instruments with off-balance sheet risk, such as bank letters of credit and bank guarantees.

Information about our Guarantors and the Issuer of our Guaranteed Securities

The accompanying summarized financial information has been prepared and presented pursuant to SEC Regulation S-X, Rule 3-10, "Financial Statements of Guarantors and Issuers of Guaranteed Securities Registered or Being Registered," and Rule 13-01 "Financial Disclosures about Guarantors and Issuers of Guaranteed Securities"

and Affiliates Whose Securities Collateralized a Registrant's Securities." Certain of our subsidiaries (the "Guarantor subsidiaries") have fully and unconditionally, and jointly and severally, guaranteed the obligations under (a) the 5.875% 2027 Senior Notes, the 7.00% 2027 Senior Notes, the 4.625% 2029 Senior Notes and the 4.875% 2031 Senior Notes issued by Cleveland-Cliffs Inc. on a senior unsecured basis and (b) the 6.75% 2026 Senior Secured Notes and the 9.875% 2025 Senior Secured Notes on a senior secured basis. See NOTE 8 - DEBT AND CREDIT FACILITIES for further information.

The following presents the summarized financial information on a combined basis for Cleveland-Cliffs Inc. (parent company and issuer of the guaranteed obligations) and the Guarantor subsidiaries, collectively referred to as the obligated group. Transactions between the obligated group have been eliminated. Information for the non-Guarantor subsidiaries was excluded from the combined summarized financial information of the obligated group.

Each Guarantor subsidiary is consolidated by Cleveland-Cliffs Inc. as of June 30, 2021. Refer to [Exhibit 22](#), incorporated herein by reference, for the detailed list of entities included within the obligated group as of June 30, 2021.

The guarantee of a Guarantor subsidiary with respect to Cliffs' 6.75% 2026 Senior Secured Notes, the 5.875% 2027 Senior Notes, the 7.00% 2027 Senior Notes, the 9.875% 2025 Senior Secured Notes, the 4.625% 2029 Senior Notes and the 4.875% 2031 Senior Notes will be automatically and unconditionally released and discharged, and such Guarantor subsidiary's obligations under the guarantee and the related indentures (the "Indentures") will be automatically and unconditionally released and discharged, upon the occurrence of any of the following, along with the delivery to the trustee of an officer's certificate and an opinion of counsel, each stating that all conditions precedent provided for in the applicable Indenture relating to the release and discharge of such Guarantor subsidiary's guarantee have been complied with:

- (a) any sale, exchange, transfer or disposition of such Guarantor subsidiary (by merger, consolidation, or the sale of) or the capital stock of such Guarantor subsidiary after which the applicable Guarantor subsidiary is no longer a subsidiary of the Company or the sale of all or substantially all of such Guarantor subsidiary's assets (other than by lease), whether or not such Guarantor subsidiary is the surviving entity in such transaction, to a person which is not the Company or a subsidiary of the Company; provided that (i) such sale, exchange, transfer or disposition is made in compliance with the applicable Indenture, including the covenants regarding consolidation, merger and sale of assets and, as applicable, dispositions of assets that constitute notes collateral, and (ii) all the obligations of such Guarantor subsidiary under all debt of the Company or its subsidiaries terminate upon consummation of such transaction;
- (b) designation of any Guarantor subsidiary as an "excluded subsidiary" (as defined in the Indentures); or
- (c) defeasance or satisfaction and discharge of the Indentures.

Each entity in the summarized combined financial information follows the same accounting policies as described in the consolidated financial statements. The accompanying summarized combined financial information does not reflect investments of the obligated group in non-Guarantor subsidiaries. The financial information of the obligated group is presented on a combined basis; intercompany balances and transactions within the obligated group have been eliminated. The obligated group's amounts due from, amounts due to, and transactions with, non-Guarantor subsidiaries and related parties have been presented in separate line items.

Summarized Combined Financial Information of the Issuer and Guarantor Subsidiaries:

The following table is summarized combined financial information from the Statements of Unaudited Condensed Consolidated Financial Position of the obligated group:

	(In Millions)	
	June 30, 2021	December 31, 2020
Current assets	\$ 5,987	\$ 4,903
Non-current assets	10,360	10,535
Current liabilities	(2,863)	(2,767)
Non-current liabilities	(10,096)	(10,563)

The following table is summarized combined financial information from the Statements of Unaudited Condensed Consolidated Operations of the obligated group:

	(In Millions)	
	Six Months Ended	
	June 30, 2021	
Revenues	\$	8,952
Cost of goods sold		(7,525)
Income from continuing operations		816
Net income		822
Net income attributable to Cliffs shareholders		822

As of June 30, 2021 and December 31, 2020, the obligated group had the following balances with non-Guarantor subsidiaries and other related parties:

	(In Millions)	
	June 30, 2021	December 31, 2020
Balances with non-Guarantor subsidiaries:		
Accounts receivable, net	\$ 42	\$ 69
Accounts payable	(22)	(17)
Balances with other related parties:		
Accounts receivable, net	\$ 3	\$ 2
Accounts payable	(8)	(6)

Additionally, for the six months ended June 30, 2021, the obligated group had *Revenues* of \$112 million and *Cost of goods sold* of \$86 million, in each case with other related parties.

Market Risks

We are subject to a variety of risks, including those caused by changes in commodity prices and interest rates. We have established policies and procedures to manage such risks; however, certain risks are beyond our control.

Pricing Risks

In the ordinary course of business, we are exposed to market risk and price fluctuations related to the sale of our products, which are impacted primarily by market prices for HRC, and the purchase of energy and raw materials used in our operations, which are impacted by market prices for electricity, natural gas, ferrous and stainless steel scrap, chrome, coal, coke, nickel and zinc. Our strategy to address market risk has generally been to obtain competitive prices for our products and services and allow operating results to reflect market price movements dictated by supply and demand; however, we make forward physical purchases and enter into hedge contracts to manage exposure to price risk related to the purchases of certain raw materials and energy used in the production process.

Our financial results can vary for our operations as a result of fluctuations in market prices. We attempt to mitigate these risks by aligning fixed and variable components in our customer pricing contracts, supplier purchasing agreements and derivative financial instruments.

Some customer contracts have fixed-pricing terms, which increase our exposure to fluctuations in raw material and energy costs. To reduce our exposure, we enter into annual, fixed-price agreements for certain raw materials. Some of our existing multi-year raw material supply agreements have required minimum purchase quantities. Under adverse economic conditions, those minimums may exceed our needs. Absent exceptions for force majeure and other circumstances affecting the legal enforceability of the agreements, these minimum purchase requirements may compel us to purchase quantities of raw materials that could significantly exceed our anticipated needs or pay damages to the supplier for shortfalls. In these circumstances, we would attempt to negotiate agreements for new purchase quantities. There is a risk, however, that we would not be successful in reducing

purchase quantities, either through negotiation or litigation. If that occurred, we would likely be required to purchase more of a particular raw material in a particular year than we need, negatively affecting our results of operations and cash flows.

Certain of our customer contracts include variable-pricing mechanisms that adjust selling prices in response to changes in the costs of certain raw materials and energy, while other of our customer contracts exclude such mechanisms. We may enter multi-year purchase agreements for certain raw materials with similar variable-price mechanisms, allowing us to achieve natural hedges between the customer contracts and supplier purchase agreements. Therefore, in some cases, price fluctuations for energy (particularly natural gas and electricity), raw materials (such as scrap, chrome, zinc and nickel) or other commodities may be, in part, passed on to customers rather than absorbed solely by us. There is a risk, however, that the variable-price mechanisms in the sales contracts may not necessarily change in tandem with the variable-price mechanisms in our purchase agreements, negatively affecting our results of operations and cash flows.

Our strategy to address volatile natural gas rates and electricity rates includes improving efficiency in energy usage, identifying alternative providers and utilizing the lowest cost alternative fuels. If we are unable to align fixed and variable components between customer contracts and supplier purchase agreements, we use cash-settled commodity price swaps and options to hedge the market risk associated with the purchase of certain of our raw materials and energy requirements. Additionally, we routinely use these derivative instruments to hedge a portion of our natural gas, electricity and zinc requirements. Our hedging strategy is designed to protect us from excessive pricing volatility. However, since we do not typically hedge 100% of our exposure, abnormal price increases in any of these commodity markets might still negatively affect operating costs. The following table summarizes the impact of a 10% and 25% change in market price from the June 30, 2021 estimated price on our derivative instruments, thereby impacting our pre-tax income by the same amount.

Commodity Derivative	(In Millions)			
	Positive or Negative Effect on Pre-tax Income			
	10% Increase or Decrease		25% Increase or Decrease	
Natural gas	\$	28	\$	70
Electricity		1		1
Zinc		3		9

Valuation of Goodwill and Other Long-Lived Assets

We assign goodwill arising from acquired companies to the reporting units that are expected to benefit from the synergies of the acquisition. Goodwill is tested on a qualitative basis for impairment at the reporting unit level on an annual basis (October 1) and between annual tests if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying value. These events or circumstances could include a significant change in the business climate, legal factors, operating performance indicators, competition or sale or disposition of a significant portion of a reporting unit. As necessary, should our qualitative test indicate that it is more likely than not that the fair value of a reporting unit is less than its carry amount, we perform a quantitative test to determine the amount of impairment, if any, to the carrying value of the reporting unit and its associated goodwill.

Application of the goodwill impairment test requires judgment, including the identification of reporting units, assignment of assets and liabilities to reporting units, assignment of goodwill to reporting units and if a quantitative assessment is deemed necessary in determination of the fair value of each reporting unit. The fair value of each reporting unit is estimated using a discounted cash flow methodology, which considers forecasted cash flows discounted at an estimated weighted average cost of capital. Assessing the recoverability of our goodwill requires significant assumptions regarding the estimated future cash flows and other factors to determine the fair value of a reporting unit, including, among other things, estimates related to forecasts of future revenues, expected Adjusted EBITDA, expected capital expenditures and working capital requirements, which are based upon our long-range plan estimates. The assumptions used to calculate the fair value of a reporting unit may change from year to year based on operating results, market conditions and other factors. Changes in these assumptions could materially affect the determination of fair value for each reporting unit.

Long-lived assets are reviewed for impairment upon the occurrence of events or changes in circumstances that would indicate that the carrying value of the assets may not be recoverable. Such indicators may include: a significant decline in expected future cash flows; a sustained, significant decline in market pricing; a significant adverse change in legal or environmental factors or in the business climate; changes in estimates of our recoverable

reserves; and unanticipated competition. Any adverse change in these factors could have a significant impact on the recoverability of our long-lived assets and could have a material impact on our consolidated statements of operations and statement of financial position.

A comparison of each asset group's carrying value to the estimated undiscounted net future cash flows expected to result from the use of the assets, including cost of disposition, is used to determine if an asset is recoverable. Projected future cash flows reflect management's best estimate of economic and market conditions over the projected period, including growth rates in revenues and costs, and estimates of future expected changes in operating margins and capital expenditures. If the carrying value of the asset group is higher than its undiscounted net future cash flows, the asset group is measured at fair value and the difference is recorded as a reduction to the long-lived assets. We estimate fair value using a market approach, an income approach or a cost approach. For the six months ended June 30, 2021, we concluded that an event triggering the need for an impairment assessment did not occur.

Interest Rate Risk

Interest payable on our senior notes is at fixed rates. Interest payable under our ABL Facility is at a variable rate based upon the applicable base rate plus the applicable base rate margin depending on the excess availability. As of June 30, 2021, we had \$1,670 million outstanding under the ABL Facility. An increase in prevailing interest rates would increase interest expense and interest paid for any outstanding borrowings from the ABL Facility. For example, a 100 basis point change to interest rates under the ABL Facility at the current borrowing level would result in a change of \$17 million to interest expense on an annual basis.

Supply Concentration Risks

Many of our operations and mines rely on one source each of electric power and natural gas. A significant interruption or change in service or rates from our energy suppliers could materially impact our production costs, margins and profitability.

Forward-Looking Statements

This report contains statements that constitute "forward-looking statements" within the meaning of the federal securities laws. As a general matter, forward-looking statements relate to anticipated trends and expectations rather than historical matters. Forward-looking statements are subject to uncertainties and factors relating to our operations and business environment that are difficult to predict and may be beyond our control. Such uncertainties and factors may cause actual results to differ materially from those expressed or implied by the forward-looking statements. These statements speak only as of the date of this report, and we undertake no ongoing obligation, other than that imposed by law, to update these statements. Investors are cautioned not to place undue reliance on forward-looking statements. Uncertainties and risk factors that could affect our future performance and cause results to differ from the forward-looking statements in this report include, but are not limited to:

- disruptions to our operations relating to the COVID-19 pandemic, including the heightened risk that a significant portion of our workforce or on-site contractors may suffer illness or otherwise be unable to perform their ordinary work functions;
- continued volatility of steel and iron ore market prices, which directly and indirectly impact the prices of the products that we sell to our customers;
- uncertainties associated with the highly competitive and cyclical steel industry and our reliance on the demand for steel from the automotive industry, which has been experiencing a trend toward light weighting and supply chain disruptions, such as the microchip shortage, that could result in lower steel volumes being consumed;
- potential weaknesses and uncertainties in global economic conditions, excess global steelmaking capacity, oversupply of iron ore, prevalence of steel imports and reduced market demand, including as a result of the COVID-19 pandemic;
- severe financial hardship, bankruptcy, temporary or permanent shutdowns or operational challenges, due to the COVID-19 pandemic or otherwise, of one or more of our major customers, including customers in the automotive market, key suppliers or contractors, which, among other adverse effects, could lead to reduced demand for our products, increased difficulty collecting receivables, and customers and/or suppliers asserting force majeure or other reasons for not performing their contractual obligations to us;

- our ability to reduce our indebtedness or return capital to shareholders within the expected timeframes or at all;
- risks related to U.S. government actions with respect to Section 232, the USMCA and/or other trade agreements, tariffs, treaties or policies, as well as the uncertainty of obtaining and maintaining effective antidumping and countervailing duty orders to counteract the harmful effects of unfairly traded imports;
- impacts of existing and increasing governmental regulation, including climate change and other environmental regulation that may be proposed under the Biden Administration, and related costs and liabilities, including failure to receive or maintain required operating and environmental permits, approvals, modifications or other authorizations of, or from, any governmental or regulatory authority and costs related to implementing improvements to ensure compliance with regulatory changes, including potential financial assurance requirements;
- potential impacts to the environment or exposure to hazardous substances resulting from our operations;
- our ability to maintain adequate liquidity, our level of indebtedness and the availability of capital could limit cash flow necessary to fund working capital, planned capital expenditures, acquisitions, and other general corporate purposes or ongoing needs of our business;
- adverse changes in credit ratings, interest rates, foreign currency rates and tax laws;
- limitations on our ability to realize some or all of our deferred tax assets, including our NOLs;
- our ability to realize the anticipated synergies and benefits of the Acquisitions and to successfully integrate the businesses of AK Steel and ArcelorMittal USA into our existing businesses, including uncertainties associated with maintaining relationships with customers, vendors and employees;
- additional debt we assumed, incurred or issued in connection with the Acquisitions, as well as additional debt we incurred in connection with enhancing our liquidity during the COVID-19 pandemic, may negatively impact our credit profile and limit our financial flexibility;
- known and unknown liabilities we assumed in connection with the Acquisitions, including significant environmental, pension and OPEB obligations;
- the ability of our customers, joint venture partners and third-party service providers to meet their obligations to us on a timely basis or at all;
- supply chain disruptions or changes in the cost or quality of energy sources or critical raw materials and supplies, including iron ore, industrial gases, graphite electrodes, scrap, chrome, zinc, coke and coal;
- liabilities and costs arising in connection with any business decisions to temporarily idle or permanently close a mine or production facility, which could adversely impact the carrying value of associated assets and give rise to impairment charges or closure and reclamation obligations, as well as uncertainties associated with restarting any previously idled mine or production facility;
- problems or disruptions associated with transporting products to our customers, moving products internally among our facilities or suppliers transporting raw materials to us;
- uncertainties associated with natural or human-caused disasters, adverse weather conditions, unanticipated geological conditions, critical equipment failures, infectious disease outbreaks, tailings dam failures and other unexpected events;
- our level of self-insurance and our ability to obtain sufficient third-party insurance to adequately cover potential adverse events and business risks;
- disruptions in, or failures of, our information technology systems, including those related to cybersecurity;
- our ability to successfully identify and consummate any strategic investments or development projects, cost-effectively achieve planned production rates or levels, and diversify our product mix and add new customers;

- our actual economic iron ore and coal reserves or reductions in current mineral estimates, including whether we are able to replace depleted reserves with additional mineral bodies to support the long-term viability of our operations;
- the outcome of any contractual disputes with our customers, joint venture partners, lessors, or significant energy, raw material or service providers, or any other litigation or arbitration;
- our ability to maintain our social license to operate with our stakeholders, including by fostering a strong reputation and consistent operational and safety track record;
- our ability to maintain satisfactory labor relations with unions and employees;
- availability of workers to fill critical operational positions and potential labor shortages caused by the COVID-19 pandemic, as well as our ability to attract, hire, develop and retain key personnel;
- unanticipated or higher costs associated with pension and OPEB obligations resulting from changes in the value of plan assets or contribution increases required for unfunded obligations; and
- potential significant deficiencies or material weaknesses in our internal control over financial reporting.

For additional factors affecting our business, refer to *Part II – Item 1A. Risk Factors* of this Quarterly Report on Form 10-Q. You are urged to carefully consider these risk factors.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Information regarding our market risk is presented under the caption "Market Risks," which is included in our Annual Report on Form 10-K for the year ended December 31, 2020, and *Part I – Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations* of this Quarterly Report on Form 10-Q.

Item 4. Controls and Procedures

We maintain disclosure controls and procedures that are designed to ensure that information required to be disclosed in our Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our President and Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure based solely on the definition of "disclosure controls and procedures" in Rule 13a-15(e) promulgated under the Exchange Act. In designing and evaluating the disclosure controls and procedures, management recognized that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives, and management necessarily was required to apply its judgment in evaluating the cost-benefit relationship of possible controls and procedures.

As of the end of the period covered by this report, we carried out an evaluation under the supervision and with the participation of our management, including our President and Chief Executive Officer and our Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. Based on the foregoing, our President and Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective.

There was no change in the Company's internal control over financial reporting during the quarter ended June 30, 2021 that materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings

JSW Steel Litigation. On June 8, 2021, JSW Steel (USA) Inc. and JSW Steel USA Ohio, Inc. (collectively, "JSW Steel") filed a complaint against Cleveland-Cliffs Inc., AK Steel Holding Corporation (now known as Cleveland-Cliffs Steel Holding Corporation), Nucor Corporation and United States Steel Corporation in the United States District Court for the Southern District of Texas. JSW Steel alleges that the defendants engaged in a group boycott against JSW Steel in violation of federal and Texas antitrust laws by refusing to sell semi-finished steel slabs to JSW Steel, beginning in 2018 and continuing through the present; civil conspiracy among the defendants; and tortious interference with JSW Steel's contractual rights and business relations involving its vendors and customers. JSW Steel's allegations involve the tariffs and quotas imposed on steel imports by the U.S. government under Section 232 beginning in March 2018, which JSW Steel alleges raised the price of imported slabs, and statements made to the U.S. government related to exemption requests submitted by JSW Steel in 2018 and 2021. JSW Steel further claims that this alleged anticompetitive conduct negatively impacted JSW Steel's costs, production and revenues and prevented it from pursuing expansion plans at its Ohio and Texas facilities that would compete with the defendants. JSW Steel is seeking to hold the defendants jointly and severally liable for treble damages in an amount in excess of \$500 million and other relief. We believe the claims asserted against us are without merit, and we intend to vigorously defend against them.

SEC regulations require us to disclose certain information about administrative or judicial proceedings involving the environment and to which a governmental authority is a party if we reasonably believe that such proceedings may result in monetary sanctions above a stated threshold. Pursuant to SEC regulations, we use a threshold of \$1 million for purposes of determining whether disclosure of any such proceedings is required. We believe that this threshold is reasonably designed to result in disclosure of any such proceedings that are material to our business or financial condition.

We have described the other material pending legal proceedings, including administrative or judicial proceedings involving the environment, to which we are a party in our Annual Report on Form 10-K for the year ended December 31, 2020, and in NOTE 18 - COMMITMENTS AND CONTINGENCIES to the consolidated financial statements in *Part I – Item 1. Financial Statements* of this Quarterly Report on Form 10-Q, which is incorporated herein by reference.

Item 1A. Risk Factors

Our Annual Report on Form 10-K for the year ended December 31, 2020, includes a detailed discussion of our risk factors.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

The following table presents information with respect to repurchases by the Company of our common shares during the periods indicated:

ISSUER PURCHASES OF EQUITY SECURITIES

Period	Total Number of Shares (or Units) Purchased ¹	Average Price Paid per Share (or Unit)	Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs	Maximum Number (or Approximate Dollar Value) of Shares (or Units) that May Yet Be Purchased Under the Plans or Programs
April 1 - 30, 2021	541	\$ 19.42	—	\$ —
May 1 - 31, 2021	628	20.36	—	—
June 1 - 30, 2021	—	—	—	—
Total	1,169	\$ 19.92	—	\$ —

¹ All shares were delivered to us to satisfy tax withholding obligations due upon the vesting or payment of stock awards.

Item 4. Mine Safety Disclosures

We are committed to protecting the occupational health and well-being of each of our employees. Safety is one of our core values and we strive to ensure that safe production is the first priority for all employees. Our internal objective is to achieve zero injuries and incidents across the Company by focusing on proactively identifying needed prevention activities, establishing standards and evaluating performance to mitigate any potential loss to people, equipment, production and the environment. We have implemented intensive employee training that is geared toward maintaining a high level of awareness and knowledge of safety and health issues in the work environment through the development and coordination of requisite information, skills and attitudes. We believe that through these policies, we have developed an effective safety management system.

Under the Dodd-Frank Act, each operator of a coal or other mine is required to include certain mine safety results within its periodic reports filed with the SEC. As required by the reporting requirements included in §1503(a) of the Dodd-Frank Act and Item 104 of Regulation S-K, the required mine safety results regarding certain mining safety and health matters for each of our mine locations that are covered under the scope of the Dodd-Frank Act are included in Exhibit 95 of *Part II – Item 6. Exhibits* of this Quarterly Report on Form 10-Q.

Item 5. Other Information

None.

Item 6. Exhibits

All documents referenced below have been filed pursuant to the Securities Exchange Act of 1934 by Cleveland-Cliffs Inc., file number 1-09844, unless otherwise indicated.

Exhibit Number	Exhibit
3.1	Fourth Amended Articles of Incorporation of Cliffs, as filed with the Secretary of State of the State of Ohio on September 25, 2020 (filed as Exhibit 3.2 to Cliffs' Form 8-K on September 28, 2020 and incorporated herein by reference).
3.2	Certificate of Amendment to Fourth Amended Articles of Incorporation of Cliffs, as filed with the Secretary of State of the State of Ohio on December 7, 2020 (filed as Exhibit 3.1 to Cliffs Form 8-K on December 9, 2020 and incorporated herein by reference).
3.3	Certificate of Amendment to Fourth Amended Articles of Incorporation of Cliffs, as amended, as filed with the Secretary of State of the State of Ohio on April 29, 2021 (filed as Exhibit 3.1 to Cliffs Form 8-K on April 30, 2021 and incorporated herein by reference).
10.1	*Cleveland-Cliffs Inc. 2021 Equity and Incentive Compensation Plan (filed as Exhibit 10.1 to Cliffs' Form 8-K filed on April 30, 2021 and incorporated herein by reference).
10.2	*Cleveland-Cliffs Inc. 2021 Nonemployee Directors' Compensation Plan (filed as Exhibit 10.2 to Cliffs' Form 8-K filed on April 30, 2021 and incorporated herein by reference).
10.3	*Form of Restricted Shares Agreement for Nonemployee Directors (filed herewith).
10.4	*Form of Deferred Shares Agreement for Nonemployee Directors (filed herewith).
22	Schedule of the obligated group, including the parent and issuer and the subsidiary guarantors that have guaranteed the obligations under the 6.75% 2026 Senior Secured Notes, the 5.875% 2027 Senior Notes, the 7.00% 2027 Senior Notes, the 9.875% 2025 Senior Secured Notes, the 4.625% 2029 Senior Notes and the 4.875% 2031 Senior Notes issued by Cleveland-Cliffs Inc. (filed herewith).
31.1	Certification Pursuant to 15 U.S.C. Section 7241, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, signed and dated by Lourenco Goncalves as of July 28, 2021 (filed herewith).
31.2	Certification Pursuant to 15 U.S.C. Section 7241, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, signed and dated by Keith A. Koci as of July 28, 2021 (filed herewith).
32.1	Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, signed and dated by Lourenco Goncalves, Chairman, President and Chief Executive Officer of Cleveland-Cliffs Inc., as of July 28, 2021 (filed herewith).
32.2	Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, signed and dated by Keith A. Koci, Executive Vice President, Chief Financial Officer of Cleveland-Cliffs Inc., as of July 28, 2021 (filed herewith).
95	Mine Safety Disclosures (filed herewith).
101	The following financial information from Cleveland-Cliffs Inc.'s Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2021 formatted in Inline XBRL (Extensible Business Reporting Language) includes: (i) the Statements of Unaudited Condensed Consolidated Financial Position, (ii) the Statements of Unaudited Condensed Consolidated Operations, (iii) the Statements of Unaudited Condensed Consolidated Comprehensive Income (Loss), (iv) the Statements of Unaudited Condensed Consolidated Cash Flows, (v) the Statements of Unaudited Condensed Consolidated Changes in Equity, and (vi) Notes to the Unaudited Condensed Consolidated Financial Statements.
104	The cover page from this Quarterly Report on Form 10-Q, formatted in Inline XBRL and contained in Exhibit 101.

* _____ Indicates management contract or other compensatory arrangement.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CLEVELAND-CLIFFS INC.

By: /s/ Kimberly A. Floriani

Name: Kimberly A. Floriani

Title: Vice President, Corporate Controller & Chief Accounting Officer

Date: July 28, 2021

CLEVELAND-CLIFFS INC.

Restricted Shares Agreement for Nonemployee Directors

Participant: _____

Date of Grant: _____

Cleveland-Cliffs Inc. (the "Company") pursuant to the Cleveland-Cliffs Inc. 2021 Nonemployee Directors' Compensation Plan (the "Plan") has this day granted to you, the above-named Participant, a total of XXXX Shares subject to the following terms, conditions, limitations and restrictions (the "Restricted Shares"). Capitalized terms used, but not otherwise defined, in this agreement (this "Agreement") will have the meanings given to such terms in the Plan.

1. Rights of the Participant. The Restricted Shares subject to this grant shall be fully paid and non-assessable and shall be represented by book entry shares registered in your name and deposited in a restricted stock account at Broadridge Corporate Issuer Solutions, Inc. (or another transfer agent selected by the Company) with the restrictions hereinafter set forth. You shall have all the rights of a shareholder with respect to such shares, including the right to vote the shares and receive all dividends paid thereon, provided that such shares, and any additional shares that you may become entitled to receive by virtue of a share dividend, a merger or reorganization in which the Company is the surviving corporation or any other change in the capital structure of the Company, shall be subject to the restrictions applicable to the Restricted Shares as hereinafter set forth. For the avoidance of doubt, any such dividends or other distributions on Restricted Shares will be deferred until, and paid contingent upon, the vesting of such Restricted Shares.

2. Restrictions on Transfer of Shares. Except as otherwise provided in the Plan, the Restricted Shares subject to this grant may not be assigned, exchanged, pledged, sold, transferred or otherwise disposed of by you, except to the Company, and shall be subject to forfeiture as herein provided until the earliest to occur of one of the following events (each, a "Vesting Event"): (a) the first anniversary of the Date of Grant, (b) a Change in Control, and (c) your death or Permanent Disability (as defined below). Any purported transfer in violation of the provisions of this paragraph shall be null and void, and the purported transferee shall obtain no rights with respect to such shares. For purposes of this Agreement, "Permanent Disability" means a medically determinable physical or mental impairment that can be expected to result in death or can be expected to last for a continuous period of not less than 12 months and that results in your being unable to engage in any substantial gainful activity.

3. Forfeiture of Award. All of the Restricted Shares subject to this grant that are then forfeitable shall be forfeited by you if your service as a Director is terminated before the occurrence of a Vesting Event; provided, however, that if your service as a Director is terminated before a Vesting Event as a result of your removal as a Director without cause, a portion of the Restricted Shares that then remain forfeitable shall become freely transferable and non-forfeitable. Such portion shall be in an amount equal to the product of (a) the total number of Restricted Shares that then remain forfeitable, multiplied by (b) a fraction, the numerator of which is the number of full months from the Date of Grant to the date of termination, and the denominator of which is 12. The balance of the Restricted Shares shall be forfeited to the Company.

4. Retention of Shares. During the period in which the restrictions on transfer and risk of forfeiture provided in Section 2 above are in effect, the Restricted Shares shall be held by the Company's transfer agent in book entry form.

5 . Severability. If any provision of this Agreement or the application of any provision hereof to any person or circumstances is held invalid, unenforceable or otherwise illegal, the remainder of this Agreement and the application of such provision to any other person or circumstances shall not be affected, and the provisions so held to be invalid, unenforceable or otherwise illegal shall be reformed to the extent (and only to the extent) necessary to make it enforceable, valid and legal.

6 . Processing of Information. Information about you and your participation in the Plan may be collected, recorded and held, used and disclosed for any purpose related to the administration of the Plan. You understand that such processing of this information may need to be carried out by the Company and by third party administrators whether such persons are located within your country or elsewhere, including the United States of America. You consent to the processing of information relating to you and your participation in the Plan in any one or more of the ways referred to above.

7 . Amendments. This Agreement can be amended at any time by the Committee. Any amendment to the Plan shall be deemed to be an amendment to this Agreement to the extent that the amendment is applicable hereto. Except for amendments necessary to bring this Agreement into compliance with current law including Section 409A of the Code, no amendment to this Agreement shall materially and adversely affect your rights without your written consent.

8 . Adjustments. The Restricted Shares evidenced by this Agreement are subject to adjustment as provided in Section 12 of the Plan.

9 . Governing Law. This Agreement is governed by and construed in accordance with the internal substantive laws of the State of Ohio.

10 . Relation to the Plan. The Restricted Shares are subject to all of the terms and conditions of the Plan.

Dated this XX day of XXXX, 20XX

CLEVELAND-CLIFFS INC.

By: _____
Name: _____
Title: _____

Accepted and agreed to:

Dated: _____

CLEVELAND-CLIFFS INC.

Deferred Shares Agreement for Nonemployee Directors

Participant: _____

Date of Grant: _____

Cleveland-Cliffs Inc. (the "Company") pursuant to the Cleveland-Cliffs Inc. 2021 Nonemployee Directors' Compensation Plan (the "Plan") has this day granted to you, the above-named Participant, a total of XXXX Deferred Shares subject to the following terms, conditions, limitations and restrictions (the "Deferred Shares") because you have elected to defer the receipt of all or a portion of your award under the Plan pursuant to a Deferral Commitment in accordance with the terms of the Plan and Section 409A of the Code. Capitalized terms used, but not otherwise defined, in this agreement (this "Agreement") will have the meanings given to such terms in the Plan.

1. **Deferred Share Account.** The Deferred Shares evidenced by this Agreement shall be credited to your Deferred Share Account as of the Date of Grant.

2. **Vesting of Award.** The Deferred Shares shall only result in the issuance of Common Shares equal in number to the Deferred Shares to the extent you are "Vested" in the Deferred Shares on the date the Deferred Shares are to be paid as specified in Section 3. The Deferred Shares shall Vest on the earliest to occur of one of the following events (each, a "Vesting Event"): (a) the first anniversary of the Date of Grant, (b) a Change in Control, and (c) your death or Permanent Disability (as defined below). For purposes of this Agreement, "Permanent Disability" means a medically determinable physical or mental impairment that can be expected to result in death or can be expected to last for a continuous period of not less than 12 months and that results in your being unable to engage in any substantial gainful activity.

3. **Payment of Award.** Any Deferred Shares that have Vested as of the Settlement Date shall be paid to you (or your Beneficiary in the event of your death) in accordance with the terms of the Plan (including Section 16(d), if applicable), your Deferral Commitment and any Payment Election with respect to the Deferred Shares in effect at such time.

4. **Forfeiture of Awards.** Notwithstanding Section 2 of this Agreement, all of the Deferred Shares subject to this grant shall be forfeited by you if your service as a Director is terminated before the occurrence of a Vesting Event; provided, however, that if your service as a Director is terminated before a Vesting Event as a result of your removal as a Director without cause, a portion of the Deferred Shares shall Vest. Such portion shall be in an amount equal to the product of (a) the total number of Deferred Shares, multiplied by (b) a fraction, the numerator of which is the number of full months from the Date of Grant to the date of termination, and the denominator of which is 12. The balance of the Deferred Shares shall be forfeited to the Company.

5. **No Shareholder Rights.** You will not have any rights of ownership in the Deferred Shares or any right to vote the Common Shares underlying the Deferred Shares until the Common Shares are issued at the time provided in Section 9 of the Plan.

6. **Dividend Equivalents.** During the period beginning on the Date of Grant and ending on the date that the Deferred Shares are paid in accordance with Section 3, at the end of each Accounting Period, you will be entitled to dividend equivalents on the Deferred Shares equal in value to the amount of cash dividends paid by the Company during such Accounting Period on that number of Common Shares

equivalent to the number of Deferred Shares in your Deferred Share Account during such Accounting Period. Such accrued dividend equivalents (a) will Vest and become payable upon the same terms and at the same time of settlement as the Deferred Shares to which they relate, and (b) will be credited as additional Deferred Shares in your Deferred Share Account in accordance with Section 8(b) of the Plan.

7. Transferability. Except as otherwise provided in the Plan, the Deferred Shares are non-transferable and any attempts to assign, pledge, hypothecate or otherwise alienate or encumber (whether by law or otherwise) any Deferred Shares shall be null and void.

8. Severability. If any provision of this Agreement or the application of any provision hereof to any person or circumstances is held invalid, unenforceable or otherwise illegal, the remainder of this Agreement and the application of such provision to any other person or circumstances shall not be affected, and the provisions so held to be invalid, unenforceable or otherwise illegal shall be reformed to the extent (and only to the extent) necessary to make it enforceable, valid and legal.

9. Processing of Information. Information about you and your participation in the Plan may be collected, recorded and held, used and disclosed for any purpose related to the administration of the Plan. You understand that such processing of this information may need to be carried out by the Company and by third party administrators whether such persons are located within your country or elsewhere, including the United States of America. You consent to the processing of information relating to you and your participation in the Plan in any one or more of the ways referred to above.

10. Amendments. This Agreement can be amended at any time by the Committee. Any amendment to the Plan shall be deemed to be an amendment to this Agreement to the extent that the amendment is applicable hereto. Except for amendments necessary to bring this Agreement into compliance with current law including Section 409A of the Code, no amendment to this Agreement shall materially and adversely affect your rights without your written consent.

11. Adjustments. The Deferred Shares evidenced by this Agreement are subject to adjustment as provided in Section 12 of the Plan.

12. Governing Law. This Agreement is governed by and construed in accordance with the internal substantive laws of the State of Ohio.

13. Relation to the Plan. This Agreement and the Deferred Shares are subject to all of the terms and conditions of the Plan.

14. Section 409A of the Code. To the extent applicable, it is intended that this Agreement and the Plan comply with the provisions of Section 409A of the Code.

Dated this XX day of XXXX, 20XX

CLEVELAND-CLIFFS INC.

By:

Name:

Title:

Accepted and agreed to:

Dated:

The following entities are included in the obligated group as of June 30, 2021, as defined in the Quarterly Report on Form 10-Q of Cleveland-Cliffs Inc. to which this document is being filed as an exhibit, including Cleveland-Cliffs Inc., as the parent and issuer, and the subsidiary guarantors that have guaranteed the obligations under the 6.75% 2026 Senior Secured Notes, the 5.875% 2027 Senior Notes, the 7.00% 2027 Senior Notes, the 9.875% 2025 Senior Secured Notes, the 4.625% 2029 Senior Notes and the 4.875% 2031 Senior Notes issued by Cleveland-Cliffs Inc.

Exact Name of Issuer or Guarantor Subsidiary (1)	State of Incorporation or Organization	IRS Employer Identification Number
Cleveland-Cliffs Inc.	Ohio	34-1464672
Cleveland-Cliffs Burns Harbor LLC	Delaware	20-0653414
Cleveland-Cliffs Cleveland Works LLC	Delaware	04-3634649
Cleveland-Cliffs Columbus LLC	Delaware	01-0807137
Cleveland-Cliffs Investments Inc.	Ohio	31-1283531
Cleveland-Cliffs Kote Inc.	Delaware	36-3665216
Cleveland-Cliffs Kote L.P.	Delaware	36-3665288
Cleveland-Cliffs Minorca Mine Inc.	Delaware	36-2814042
Cleveland-Cliffs Monessen Coke LLC	Delaware	25-1850170
Cleveland-Cliffs Plate LLC	Delaware	20-0653500
Cleveland-Cliffs Railways Inc.	Delaware	56-2348283
Cleveland-Cliffs Riverdale LLC	Delaware	74-3062732
Cleveland-Cliffs South Chicago & Indiana Harbor Railway Inc.	Delaware	04-3634638
Cleveland-Cliffs Steel Corporation	Delaware	31-1267098
Cleveland-Cliffs Steel Holding Corporation	Delaware	31-1401455
Cleveland-Cliffs Steel LLC	Delaware	71-0871875
Cleveland-Cliffs Steel Management Inc.	Delaware	51-0390893
Cleveland-Cliffs Steel Properties Inc.	Delaware	51-0390894
Cleveland-Cliffs Steelton LLC	Delaware	20-0653772
Cleveland-Cliffs Steelworks Railway Inc.	Delaware	04-3634622
Cleveland-Cliffs Tek Inc.	Delaware	36-3519946
Cleveland-Cliffs Tek Kote Acquisition Corporation	Ohio	85-4304182
Cleveland-Cliffs Tek L.P.	Delaware	363525438
Cleveland-Cliffs Tooling and Stamping Company (f/k/a Precision Partners Holding Company)	Delaware	22-3639336
Cleveland-Cliffs Tooling and Stamping Holdings LLC (f/k/a PPHC Holdings, LLC)	Delaware	31-1283531
Cleveland-Cliffs Tubular Components LLC	Delaware	31-1283531
Cleveland-Cliffs Weirton LLC	Delaware	56-2435202
Cleveland-Cliffs Steel Holdings Inc.	Ohio	85-4084783
Cannon Automotive Solutions - Bowling Green, Inc.	Delaware	26-0766559
Cliffs Mining Company	Delaware	34-1120353
Cliffs Minnesota Mining Company	Delaware	42-1609117
Cliffs TIOP Holding, LLC	Delaware	47-2182060
Cliffs TIOP, Inc.	Michigan	34-1371049
Cliffs TIOP II, LLC	Delaware	61-1857848
Cliffs UTAC Holding LLC	Delaware	26-2895214
Fleetwood Metal Industries, LLC	Delaware	98-0508950
IronUnits LLC	Delaware	34-1920747
Lake Superior & Ishpeming Railroad Company	Michigan	38-6005761
Metallics Sales Company	Delaware	84-2076079
Mid-Vol Coal Sales, Inc.	West Virginia	55-0761501
Mountain State Carbon, LLC	Delaware	31-1267098
Northshore Mining Company	Delaware	84-1116857
Silver Bay Power Company	Delaware	84-1126359
SNA Carbon, LLC	Delaware	31-1267098
The Cleveland-Cliffs Iron Company	Ohio	34-0677332
Tilden Mining Company L.C.	Michigan	34-1804848
United Taconite LLC	Delaware	42-1609118

(1) The address and phone number of each issuer and guarantor subsidiary is c/o Cleveland-Cliffs Inc., 200 Public Square, Suite 3300, Cleveland, Ohio 44114, (216) 694-5700.

CERTIFICATION

I, Lourenco Goncalves, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Cleveland-Cliffs Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)), for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected or is reasonably likely to materially affect the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: July 28, 2021

By: /s/ Lourenco Goncalves

Lourenco Goncalves
Chairman, President and Chief Executive Officer

CERTIFICATION

I, Keith A. Koci, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Cleveland-Cliffs Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)), for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected or is reasonably likely to materially affect the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: July 28, 2021

By: /s/ Keith A. Koci

Keith A. Koci
Executive Vice President, Chief Financial Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of Cleveland-Cliffs Inc. (the "Company") on Form 10-Q for the period ended June 30, 2021, as filed with the Securities and Exchange Commission on the date hereof (the "Form 10-Q"), I, Lourenco Goncalves, Chairman, President and Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to such officer's knowledge:

- (1) The Form 10-Q fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and
- (2) The information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company as of the dates and for the periods expressed in the Form 10-Q.

Date: July 28, 2021

/s/ Lourenco Goncalves
By: _____
Lourenco Goncalves
Chairman, President and Chief Executive Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of Cleveland-Cliffs Inc. (the "Company") on Form 10-Q for the period ended June 30, 2021, as filed with the Securities and Exchange Commission on the date hereof (the "Form 10-Q"), I, Keith A. Koci, Executive Vice President, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to such officer's knowledge:

- (1) The Form 10-Q fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and
- (2) The information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company as of the dates and for the periods expressed in the Form 10-Q.

Date: July 28, 2021

/s/ Keith A. Koci

Keith A. Koci
Executive Vice President, Chief Financial Officer

Mine Safety Disclosures

The operation of our mines located in the United States is subject to regulation by MSHA under the FMSH Act. MSHA inspects these mines on a regular basis and issues various citations and orders when it believes a violation has occurred under the FMSH Act. We present information below regarding certain mining safety and health citations that MSHA has issued with respect to our mining operations. In evaluating this information, consideration should be given to factors such as: (i) the number of citations and orders will vary depending on the size of the mine; (ii) the number of citations issued will vary from inspector to inspector and mine to mine; and (iii) citations and orders can be contested and appealed and, in that process, are often reduced in severity and amount, and are sometimes dismissed.

Under the Dodd-Frank Act, each operator of a coal or other mine is required to include certain mine safety results within its periodic reports filed with the SEC. As required by the reporting requirements included in §1503(a) of the Dodd-Frank Act, we present the following items regarding certain mining safety and health matters, for the period presented, for each of our mine locations that are covered under the scope of the Dodd-Frank Act:

- (A) The total number of violations of mandatory health or safety standards that could significantly and substantially contribute to the cause and effect of a coal or other mine safety or health hazard under section 104 of the FMSH Act (30 U.S.C. 814) for which the operator received a citation from MSHA;
- (B) The total number of orders issued under section 104(b) of the FMSH Act (30 U.S.C. 814(b));
- (C) The total number of citations and orders for unwarrantable failure of the mine operator to comply with mandatory health or safety standards under section 104(d) of the FMSH Act (30 U.S.C. 814(d));
- (D) The total number of imminent danger orders issued under section 107(a) of the FMSH Act (30 U.S.C. 817(a));
- (E) The total dollar value of proposed assessments from MSHA under the FMSH Act (30 U.S.C. 801 *et seq.*);
- (F) Legal actions pending before the Federal Mine Safety and Health Review Commission involving such coal or other mine as of the last day of the period;
- (G) Legal actions instituted before the Federal Mine Safety and Health Review Commission involving such coal or other mine during the period; and
- (H) Legal actions resolved before the Federal Mine Safety and Health Review Commission involving such coal or other mine during the period.

During the three months ended June 30, 2021, our U.S. mine locations did not receive any flagrant violations under section 110(b)(2) of the FMSH Act (30 U.S.C. 820(b)(2)), or any written notices of a pattern of violations, or the potential to have such a pattern of violations, under section 104(e) of the FMSH Act (30 U.S.C. 814(e)). In addition, there were no mining-related fatalities at any of our U.S. mine locations during this same period.

Following is a summary of the information listed above for the three months ended June 30, 2021:

		Three Months Ended June 30, 2021							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Mine Name/ MSHA ID No.	Operation	Section 104 S&S Citations	Section 104(b) Orders	Section 104(d) Orders	Section 107(a) Citations & Orders	Total Dollar Value of MSHA Proposed Assessments (1)	Legal Actions Pending as of Last Day of Period	Legal Actions Instituted During Period	Legal Actions Resolved During Period
Tilden / 2000422	Iron Ore	3	—	—	—	\$ 21,448	2 (2)	2	—
Empire / 2001012	Iron Ore	—	—	—	—	\$ —	—	—	—
Northshore Plant / 2100831	Iron Ore	—	—	—	—	\$ 3,951	5 (3)	2	2
Northshore Mine / 2100209	Iron Ore	—	—	—	—	\$ —	1 (4)	1	—
United Taconite Plant / 2103404	Iron Ore	17	—	—	—	\$ 106,002	3 (5)	2	—
United Taconite Mine / 2103403	Iron Ore	—	—	—	—	\$ —	—	—	—
Hibbing / 2101600	Iron Ore	4	—	—	—	\$ 7,199	3 (6)	—	—
Minorca Mine / 2102449	Iron Ore	7	—	—	—	\$ 57,388	—	1	1
AK Coal / North Fork / 3610041	Coal	—	—	—	—	\$ —	—	—	—
Virginia Point No. 1 Surface Mine / 4407172	Coal	—	—	—	—	\$ —	—	—	—
Low Gap Surface Mine / 4605741	Coal	—	—	—	—	\$ —	—	—	—
Eckman Surface Mine / 4608647	Coal	1	—	—	—	\$ 2,375	—	—	—
Redhawk Surface Mine / 4609300	Coal	—	—	—	—	\$ —	—	—	—
Dry Branch Surface Mine / 4609395	Coal	1	—	—	—	\$ —	—	—	—
Dans Branch Surface Mine / 4609517	Coal	—	—	—	—	\$ —	—	—	—
Eckman Loadout / 4603341	Coal	—	—	—	—	\$ 500	—	—	—
Roadfork Loadout / 4608278	Coal	—	—	—	—	\$ —	—	—	—
Eckman Plant / 4609357	Coal	1	—	—	—	\$ 2,237	—	—	1
Mine No. 35 / 4608131	Coal	—	—	—	—	\$ —	—	—	—
Mine No. 39 / 4609261	Coal	22	—	—	—	\$ 91,261	3 (7)	6	10
Mine No. 43 / 4609496	Coal	1	—	—	—	\$ 4,713	4 (8)	3	2

- (1) Amounts included under the heading "Total Dollar Value of MSHA Proposed Assessments" are the total dollar amounts for proposed assessments received from MSHA on or before June 30, 2021.
- (2) This number consists of 2 pending legal actions related to contests of proposed penalties referenced in Subpart C of FMSH Act's procedural rules.
- (3) This number consists of 1 pending legal action related to contests of proposed penalties referenced in Subpart C of FMSH Act's procedural rules and 4 pending legal actions related to appeals of judges' decisions or orders to the Federal Mine Safety and Health Review Commission referenced in Subpart H of FMSH Act's procedural rules.
- (4) This number consists of 1 pending legal action related to contests of proposed penalties referenced in Subpart C of FMSH Act's procedural rules.
- (5) This number consists of 3 pending legal actions related to contests of proposed penalties referenced in Subpart C of FMSH Act's procedural rules.
- (6) This number consists of 3 pending legal actions related to contests of proposed penalties referenced in Subpart C of FMSH Act's procedural rules.
- (7) This number consists of 3 pending legal actions related to contests of proposed penalties referenced in Subpart C of FMSH Act's procedural rules.
- (8) This number consists of 4 pending legal actions related to contests of proposed penalties referenced in Subpart C of FMSH Act's procedural rules.