

Reporting Person		
With	(6) Shared Voting Power	5,000
	(7) Sole Dispositive Power	319,000
	(8) Shared Dispositive Power	166,000
(9)	Aggregate Amount Beneficially Owned by Each Reporting Person	485,000
(10)	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)	
(11)	Percent of Class Represented by Amount in Row (9)	4.02
(12)	Type of Reporting Person (See Instructions)	HC

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G
(Under the Securities and Exchange Act of 1934)

Item 1(a) Name of Issuer:
Cleveland Cliffs Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:
1100 Superior Avenue
Cleveland, Ohio 44114-2589

Item 2 (a) Name of Person Filing:
Mellon Bank Corporation and its Subsidiaries
(including but not limited to the
Subsidiaries of The Boston Company, Inc.) as
listed on Exhibit I

Item 2(b) Address of Principal Business Office, or if None,
Residence:
Mellon Bank Corporation
One Mellon Bank Center
Pittsburgh, Pennsylvania 15258

Item 2(c) Citizenship:
United States

Item 2(d) Title of Class of Securities:
Cleveland Cliffs Inc. Common Stock, Par Value
\$1.00 per share

Item 2(e) CUSIP Number:
185896-107

Item 3 If this statement is filed pursuant to Rules
13d-1(b), or 13d-2(b), check whether the person
filing is a:

(a) Broker or Dealer registered under
Section 15 of the Act.

(b) Bank as defined in Section 3(a)(6) of

the Act.

SCHEDULE 13G (Continued)

- (c) [] Insurance Company as defined in Section 3(a)(19) of the Act.
- (d) [] Investment Company registered under Section 8 of the Investment Company H C

Company, Inc.) as noted on Exhibit I.

Item 8 Identification and Classification of Members of the Group:

N/A

Item 9 Notice of Dissolution of Group:

N/A

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

SIGNATURE

After reasonable inquiry gend

EXHIBIT II

(A) Mellon Bank, N.A. is the trustee of the issuer's employee benefit plan (the "Plan") which is subject to ERISA. The securities reported include all shares held of record by Mellon Bank, N.A. as trustee of the Plan. The reporting person, however, disclaims beneficial ownership of all shares that have been allocated to the individual accounts of employee participants in the Plan for which directions have been received and followed.

(B) This number includes securities not outstanding which are subject to options, warrants, rights or conversion privileges that are exercisable within 60 days.

(C) The filing of this Schedule 13G shall not be construed as an admission that Mellon Bank Corporation, or its subsidiaries and affiliates, including Mellon Bank, N.A., are, for the purposes of this Section 13(d) or 13(g) of the Act, the beneficial owners of any securities covered by this Schedule 13G.