

CLIFFS NATURAL RESOURCES INC.

Reported by
IRELAND JAMES D III

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 07/02/03 for the Period Ending 07/01/03

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

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
IRELAND JAMES D III,	X			

Signatures

/s/ J. E. Lenhard; by power of attorney

7/2/2003

** Signature of Reporting Person

Date

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.