

CORE LABORATORIES N V
 Form 4
 May 12, 2006

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
VRIESENDORP ALEXANDER

2. Issuer Name and Ticker or Trading Symbol
CORE LABORATORIES N V [CLB]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

BREMHORSTLAAN 7, 2244 EN WASSENAAR

(Street)

THE NETHERLANDS

(City) (State) (Zip)

3. Date of Earliest Transaction (Month/Day/Year)
05/09/2006

Director 10% Owner
 Officer (give title below) Other (specify below)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Shares	05/09/2006		M		1,000 A \$ 26	31,943	D
Common Shares	05/09/2006		M		2,000 A \$ 16.1	33,943	D
Common Shares	05/09/2006		S		1,400 D \$ 66.5	32,543	D
Common Shares	05/09/2006		S		200 D \$ 66.51	32,343	D
Common Shares	05/09/2006		S		200 D \$ 66.52	32,143	D

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Common Shares	05/09/2006	S	200	D	\$ 66.53	31,943	D
Common Shares	05/09/2006	S	400	D	\$ 66.62	31,543	D
Common Shares	05/09/2006	S	600	D	\$ 66.64	30,943	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Option to Exercise	\$ 26	05/09/2006		M	1,000	05/25/2002 05/25/2011	Common Shares	1,000
Option to Exercise	\$ 16.1	05/09/2006		M	2,000	04/03/2003 04/03/2012	Common Shares	2,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
VRISENDORP ALEXANDER BREMHORSTLAAN 7 2244 EN WASSENAAR THE NETHERLANDS	X			

Signatures

/s/ Kinga Doris,
Attorney-in-fact

05/11/2006

__Signature of Reporting Person

Date

Explanation of Responses:

* 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.

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