

U.S. SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person\* FINOVA Mezzanine Capital Inc.
2. Issuer Name and Ticker or Trading Symbol Environmental Tectonics Corporation (ETC)
6. Relationship of Reporting Person to Issuer (Check all applicable) Director X 10% Owner
4. Statement for Month/Year December 1999
5. If Amendment, Date of Original (Month/Year)
7. Individual or Joint/Group Filing (Check applicable line) X Form filed by one Reporting Person

TABLE I -- NON-DERIVATIVE SECURITIES ACQUIRED, DISPOSED OF, OR BENEFICIALLY OWNED

Table with 7 columns: 1. Title of Security, 2. Transaction Date, 3. Transaction Code, 4. Securities Acquired or Disposed of (D), 5. Amount of Securities Beneficially Owned at End of Month, 6. Ownership Form, 7. Nature of Ownership. Includes entries for Environmental Tectonics Corporation Common Stock.

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1474 (7-96)

FORM 4 (CONTINUED) TABLE II -- DERIVATIVE SECURITIES ACQUIRED, DISPOSED OF, OR BENEFICIALLY OWNED (E.G., PUTS, CALLS, WARRANTS, OPTIONS, CONVERTIBLE SECURITIES)

Table with 8 columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date, 4. Transaction Code, 5. Number of Derivative Securities, 6. Date Exercisable and Expiration Date, 7. Title and Amount of Underlying Securities, 8. Price of Derivative Security. Includes entry for ETC Stock Purchase Warrant.

| 1. Title of Derivative Security (Instr. 3) | 9. Number of Derivative Securities Beneficially Owned at End of Month (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
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|----------------------------|---------|---|--|
| ETC Stock Purchase Warrant | 332,820 | D |  |
|----------------------------|---------|---|--|

Explanation of Responses:

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

/s/ Philip S. Clark 01/10/00

Philip S. Clark Date  
 Vice President -- Group Counsel  
 \*\*Signature of Reporting Person

Note. File three copies of this form, one of which must be manually signed. If space provided 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.