

April 19, 1994

Mr James A Thomas, President  
American Society for Testing and Materials  
ASTM Headquarters  
1916 Race Street  
Philadelphia, PA  
USA 19103

**Subject: Geostatistics for Geotechnical and Environmental Applications**

Dear Sir:

Enclosed please find some correspondence and information that shows my concern about geostatistics. I submit that, unless the fundamental requirements of probability theory and applied statistics are no longer valid, geostatistical theory is fatally flawed. Because I have been an ASTM Member for so many years, I felt it appropriate to bring this matter to your attention. I am confident that ASTM Committee E-11 is in an excellent position to assess whether the geostatistical variant of probability and statistics has a role to play in ASTM Standard Methods for Soil and Rock.

Yours truly,

J W Merks  
President

cc: Senate Committee for Commerce, Science and Transportation

Miscellaneous Enclosures

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