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Dr. J. W. Merks
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Dear Dr. Merks:

I regret that we shall not be able to publish your manuscript in its present form in *Mathematical Geology*. Enclosed are comments and evaluations by the referee for your paper.

If you have any questions, or if I can assist you in any way in this matter, do not hesitate to contact me.

Sincerely yours,

Robert Ehrlich
Editor

RE/cs

Enclosures

The text presents no equation, no development except for the trivial relative variance of a product of independent factors (p. 3-4). Variance of errors are mistaken for spatial variance, F-tests are called for forgetting the condition of independent samples, kriging variances are said to "violate the requirement of independence" when they were developed precisely to handle the case of (spatial) dependence, the central limit theorem is invoked for the trivial σ^2/n variance of estimation of the mean of n independent sample values, the list could go on and on.... Definitive statements such as "Only the variances for ordered or randomized sets of measured grades generate reliable and realistic precision estimates....." are put without even a definition of what an ordered set is, less any proof. The individual has some understanding of the statistics of sampling of particulate materials, and believes he can transfer such notions, as is, to problems involving spatial distributions.