Week 10 Assignment 1

Due on 2018-04-04, 23:59 IST

1. How continuity of an ore body and nature of the mineralisation affect the mineral inventory estimation?
2. Mention different types of dilution of an ore body and also state how mineral inventory estimation gets affected by dilution?
3. What is regionalized variable? Give some examples.
4. Differentiate stationary and non-stationary regionalized variable.
5. What do you mean by semivariogram and why is it is used?
6. Define the following words in the context of semivariogram. (a) Nugget effect, (b) Drift effect
7. Compare Isotropic and Anisotropic semivariogram models?
8. What is Data Outlier and how it affects geostatistical estimations?
9. Define kriging and why is it used?
10. How is ‘ordinary’ or ‘punctual kriging' different from Universal kriging?

Due Date Exceeded.
As per our records you have not submitted this assignment.