

*Mineral...or **NOT**?*

Directions: For each of the following items, you need to decide if it is a mineral, or not. You must list the characteristics of minerals that the object DOES have, as well as any characteristics it DOES NOT. Remember, if it doesn't have all 5 characteristics, then it isn't a mineral.

A mineral is a (1) naturally occurring, (2) inorganic, (3) solid, with a (4) crystalline structure, and a (5) definite chemical composition.

1) Water (H₂O)

YES

Ex) *Naturally Occurring*

NO

2) Gold (Au)

YES

NO

3) Coal (C-H-O – always in it in different amounts)

YES

NO

4) **Red Clay (Al_2O_3)**

YES

NO

5) **Diamond (C)**

YES

NO

6) **Sea Glass (S-O are always in it, but in different amounts)**

YES

NO
