

Rocks and Minerals: Unit Test

March 25th, 2011

Name: _____

Knowledge

Rock Type	How it is formed	Example (rock name)
1		
2		
3		

An intermittent volcano erupts:

- a) frequently
- b) regularly
- c) never

Niagara Falls moves 1 meter each year due to:

- a) smelting
- b) erosion
- c) sediments

Which layer of Earth is like a peach pit?

- a) outer core
- b) mantle
- c) inner core

When shale is under heat and pressure it turns into:

- a) smithsonite
- b) granite
- c) slate

Which rock type is slate? _____

Please circle all the **cons** of mining in the following list:

- mines can destroy plant and animal habitats
- mining provides minerals we need
- mining provides jobs
- working in mines can be very dangerous
- mines can make the landscape look ugly

Thinking and Communication

Please explain 2 ways we use salt and how it can harm the environment. Use full sentences and as much detail as you can.

Can you think of ONE mineral that is both a METAL mineral and a JEWELLERY mineral?

Can you think of ONE mineral that is and METAL mineral and we EAT it?

Which rock type do you think also means CHANGE?

- a) igneous
- b) sedimentary
- c) metamorphic

Why do you think that?

Application

Pretend you work in an underground mine. You need a new drill because your old one broke! Your drill needs a new drill bit, which is the sharp part of the drill that cuts through the ore. To make your drill bit you can choose from the minerals **SILVER**, **IRON** or **DIAMOND**.

In full sentences, tell me which mineral you would use for your new drill and WHY:

How do we get minerals?

“ WE _____ THE _____ FROM THE _____.”

BONUS: Tell me the name and colour of your birthstone:
