

Re: mineral,ore,rock,metal

Source: <http://sci.tech-archive.net/Archive/sci.chem/2004-12/1533.html>

raconte_at_hotmail.com

Date: 12/28/04

Date: 28 Dec 2004 10:23:03 -0800

I'll field the questions that interest me ...

edwin wrote:

- > *Hi~..everybody.....It is lucky for me to find this type of academic*
- > *forum. I am just a secondary 3 student . And I come from Hong Kong (I*
- > *says CANTONESE in my daily life).I have some problems about*
- chemistry.*
- > *And I hope that you can solve my questions. thank a lot. Please*
- forget*
- > *the grammatic mistakes because my first language is not ENGLISH (My*
- > *English is also poor)..! In fact , I want to know which country this*
- > *web forum belongs to.I will be glad to know which people of country I*
- > *am communicating with.If you reply to me, please use the words as*
- > *simple as possible .I am afraid that I am not able to understand your*
- > *whole meaning. :P*
- > *start.....now*

The Usenet is a world-wide distributed Peer-to-peer network. You're connecting through GroupSrv, but they have nothing to do with the content. Who you are, where you live, and your original language are meaningless trivia. If you go to Google groups, you'll see everything written since the late 1980's archived, and personal info just isn't suited to storage for posterity.

- >
- > *1)My chemistry book write that:*
- >
- > *The individual chemical*
- > *compounds that make up rocks called minerals. Rocks/minerals from*
- > *which we obtain metals are called*
- > *ores.*
- >
- > *that means ore=rock?? And rock is composed of mineral??*
- > *can u also tell me the relationship and the difference among*
- > *mineral,ore, rock and metal??*

You're correct. Rocks can be made of several minerals or just one.
The ores mined will be a rock or mineral.

Re: mineral,ore,rock,metal

>And also which is mixture and which is
> compound??Thx
>

OK, the last question showed some work on your part. This one doesn't. People take a dim view of that behavior around here. You say you've got a book. Read it more carefully.

> b)Would you also tell me the relationship and the difference among
> limestone, calcite and calcium carbonate ??Also which is mixture and
> which is compound??
>

Limestone is a rock, its principal (sometimes only) mineral is calcite. Calcium carbonate is the compound that makes up the mineral calcite. The difference between calcite and calcium carbonate is the crystal type. Oyster shells are also calcium carbonate. Look up how oyster shells differ from calcite.

>
>
>

> 2)My book also write that:

>

> [size=12:490b33e161][color=red:490b33e161]calcium hydroxide is often

> called slaked lime.It is slightly soluble in water .The saturated

> solution formed is called

> limewater.[/color:490b33e161][/size:490b33e161]

>

See what GroupSev's little button bar did to your message around the world? What'd your message really gain with the color anyway?

> Is calcium hydroxide=slaked lime=lime water??

>

>

> 3a) calcium carbonate-----heat----->calcium oxide+carbon dioxide

>

> b) calcium oxide+water---->calcium hydroxide

>

> c) carbon dioxide+calcium hydroxide--->calcium carbonate+water

>

> d)calciumcarbonate+carbondioxide+water->calcium hydrogencarbonate

>

> e)calcium carbonate+dilute hydrochloric acid-->calcium

> chloride+water+carbon dioxide

>

>

>

> May you tell me which is physical change and which chemical change

> from a-e??, thx a lot:P

>

No. Ask your teacher if you can try the reactions out and see what

happens.

> *-----*
> *Posted at:*
> *www.GroupSrv.com*
> *-----*

We all have a favorite uncle who has a specific opinion on that tagline.