Cheatography

Earth Science Cheat Sheet by Eunicornz via cheatography.com/33171/cs/10321/

② Relative	Silic			
Principle of Superposition:				
comparison of dates				
Principle of Lateral Continuity all				
rock form	silic			
ends to ha	Feld			
Deletive /		case		
Relative P	Age:Uncomformities	96%		
Non-	the boundary	Ear		
comfo-	between igneous/m-	com		
rmity	etamorphic and sedimentary	Silic		
Angular	part of the formation			
Angular	is tilted but it is	Non		
	covered by a flat			
	deposit	non rest		
discom	there is a gap in time	silic		
formity	between sedimentary	The		
	layers	Earl		
There are three types of unconf-				
ormities that you can observe in				
rock forma	Car			
		Hali		
Minerals vs Non-Minerals				
ls it	inorganic: not	Nati eler		
inorganic	? made of living			
	things or the	Oxio		
	remains of living			

Does it occur naturally Is it a Crystalline Solid	naturally: forms and exists in nature A crystalline solid is whe its atoms are arranged inan	
	orderly way	
Consistent	for each atom of	
chem.	this, there are atom	
comp.	of this	
If yes to all 4 questions, it is a		

things

mineral. Otherwise, it is not a mineral.

By Eunicornz

Silicates and Non-Silicates		Earthquakes (cont)		
Silicates		Body	travels through the	
Silicone + Oxyger	n + fledspar,	Wave	middle of the bodies	
potassium, or sodium is a silicate		P-waves	can go through solids, liquids, and gases and faster than S-waves	
Feldspar is the most common case of silicates				
96% of the Earth's crust is composed of	50% of the silicates are Feldspar and	S-waves	can only go through solids and slower than P-waves	
Silicates	quartz	<i>Surface</i> Wave	travels along the surface of the body	
		Rayleigh	elliptical rolling	
Non-silicates		Waves	motions	
non-silicates are basically the		Love	side-to-side	
rest of the minerals that are not		Waves		
silicates		Shadow	Parts of the Earth	
They make up the rest 4% of the Earth's crust		zones	where body waves can't reach	
They are split into 6 groups				
Carbonates	CO 3			
Halides	Cl or F + Na,K, or Ca			
Native elements	uncombined			
Oxides	O + anything but Si			

anything else

SO 4

S + I +

Earthquakes		
How	stress builds up at	
earthq-	fault to the point	
uakes	where it is locked	
start:	when pressure gets	
	too great, the rocks	
	slip and create the	
	earthquake	
Elastic	like a slinky, it	
rebound	deforms then settles	
	back to its original	
	spot	
Seismic Waves		

Sulfates

Sulfides

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