

MINERALI



Kaj je mineral?



Kaj je mineral?

- **je naravna spojina,**
- **nastali s pomočjo geoloških procesov,**
- **Mineralogija**
- **Zapleteni(silikoni), preprosti diamant,**
- **ogromno vrst, predstavil Vam jih bom samo nekaj**

Mohsova trdotna lestvica



Lojevec (1)



Sadra (2)



Kalcit (3)



Fluorit (4)



Apatit (5)



Ortoklaz (6)



Kremen (7)



topaz (8)



Korund (9)



Diamant (10)

Nahajališča mineralov

- Južna Amerika

Pirit

- Visoka temperatura strup
- Peru



Kategorija:
Silikati

NaAlSi₃O₈

**Lom: raven,
školjkast**

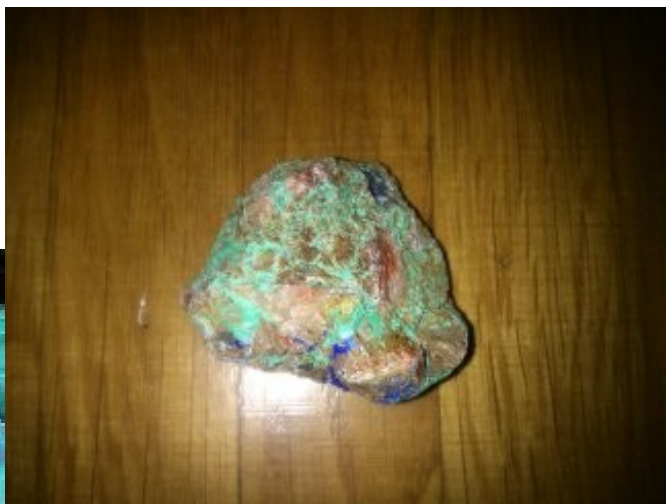
**Barva: bela, siva,
modra,
rdeča, zelena**

Sijaj: steklast

Fluorescenca: brez

Malahit

- Ni strupen
- Maroko



Kategorija: minerali

($\text{Ca}_2\text{CO}_3(\text{OH})$)

Lom: raven

Barva: zelena, rjava, modra

Sijaj: brez

Fluorescenca: brez

Albit

- Ni strupen
- Braziliia



Kategorija: silikati

$\text{NaAlSi}_3\text{O}_8$

Lom: raven

Barva: Bela, siva, modra, zelena, rdeča

Sijaj: brez sijaja

Flourescenca: brez

Ametist

Zelo razširjen



**Kategorija: oksidi,
hidroksidi**

Silicijev dioksid (SiO_2)

Lom: školjkast

Barva: škrlatna,
vijolična

Sijaj: steklast, bleščeč

Cinober (ruda živega srebra Hg)

- Rudnik tudi v Sloveniji



kategorija: II. sulfati

Živosrebrov sulfid (HgS)

Lom:raven do podškolkast

Barva:Škrlatno rdeča, rjavo rdeča in svinčeno siva

Sijaj: Diamanten, kovinski

Flourescenca: brez

Ahat

Nakit



Kategorija: Silikati

SiO_2

Lom: školjkast

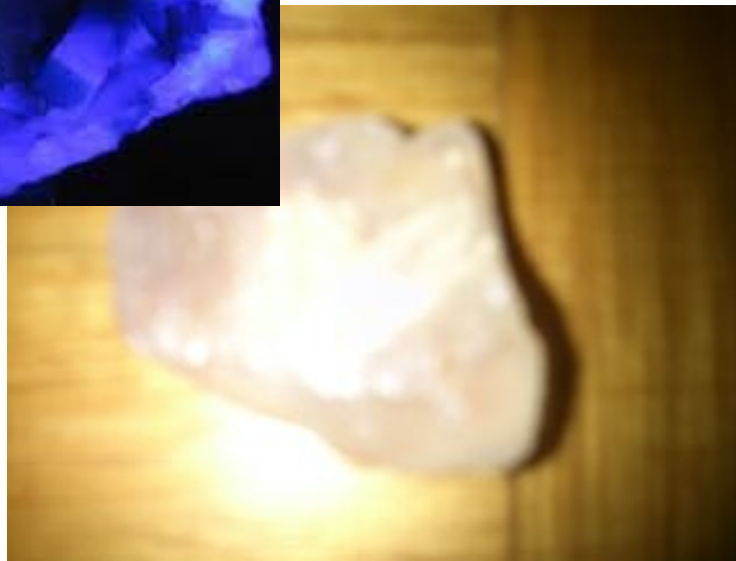
Barva: Bela, siva, modra, oranžna, rdeča, črna

Sijaj: voščen

Flourescenca: brez

Fluorit

- Kitajska
- Flourescenca



Kategorija: Haloidi

Kalcijev difluorid
(CaF₂)

Lom: podškolkast,
neraven

Barva: Brezbarvna,
bela, vijolična, modra,
zelena, rumena,
oranžna, rdeča,
rožnata

Galenit

□ Brazilija



Kategorija: Sulfidi

PbS železov sulfid

Lom: podškolkast

Barva: Svinčeno siv, srebrn

Sijaj: kovinski

Kianit

Brazilija



Kategorija: silikati

Al_2SiO_5 ali $\text{Al}_2\text{O}_3\text{SiO}_2$

Lom: razcepljen

Barva: Modra, zelena, bela, siva, črna

Sijaj: steklast, bisern

Flourescenca: brez

Viri in literatura

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