

the Rock Magnet

for junior & teen rockhounds

Marcellus Shale

MHVG+MS

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editor: Mrs. ROCK

Rock Magnet News

Some of our topics we will cover:

Earth Stuff!

Rock On!

About Minerals!

Fossil Funny Bones!

Volcanoes!

Earthquakes!!!!

What's that?

Ask an expert!

Puzzles!

Stories by Juniors & Teens!

Poems! /Jokes!

Drawings!

Just Plain Neat Stuff!

Sedimentary ROCK

Know your Rockcuts!



#1 Notable Roadcut

Westend of the Mid-Hudson Bridge
Shale, Mudstone and siltstone

This is layered sedimentary rock. Why is it tilted ?

Why are the layers uneven thicknesses ?

A "rockologist", petrologist, call rock layers **strata!** *

*(A horizontal layer of material, especially one of several parallel layers arranged one on top of another)



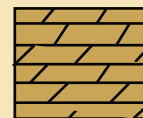
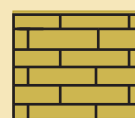
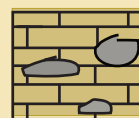
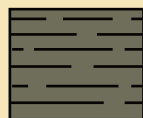
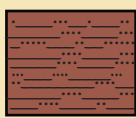
What is the difference between a roadcut and a rock outcrop ?

Send your answers to Mrs. ROCK at sunstone33@verizon.net



DRAW YOUR OWN MID-HUDSON VALLEY SEDIMENTARY ROADCUT

USING GEOLOGY MAP SYMBOLS!



Mudstone
Mu

Siltstone
Si

Shale
Sh

Sandstone
SS

Graywacke
Gw

Conglomerate
Cgl

Chert in
Limestone
Ch

Limestone
Ls

Dolostone
Do

Colored Pencils Work the Best!

Bring your drawings to the next meeting to share, don't forget to repeat rock layers just like nature does~!!

Secret Coded Message!

Rocks of Fortune!

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
		Q						N				P		C				Y							I

$\frac{I}{N}$ $\frac{M}{T}$ $\frac{P}{P}$ $\frac{T}{T}$ $\frac{O}{O}$ $\frac{C}{C}$ $\frac{Q}{G}$ $\frac{M}{P}$ $\frac{R}{T}$ $\frac{D}{R}$ $\frac{V}{D}$ $\frac{K}{K}$ $\frac{A}{A}$ $\frac{S}{S}$ $\frac{O}{C}$

$\frac{I}{Z}$ $\frac{N}{N}$ $\frac{G}{G}$ $\frac{V}{V}$ $\frac{S}{Y}$ $\frac{O}{K}$ $\frac{C}{C}$ $\frac{C}{Q}$ $\frac{O}{C}$ $\frac{Z}{Z}$ $\frac{Z}{Z}$ $\frac{V}{V}$ $\frac{C}{Q}$ $\frac{K}{K}$

$\frac{S}{Y}$ $\frac{I}{V}$ $\frac{M}{E}$ $\frac{M}{N}$ $\frac{P}{P}$ $\frac{V}{V}$ $\frac{D}{D}$ $\frac{K}{K}$ $\frac{T}{T}$ $\frac{O}{O}$ $\frac{I}{I}$

$\frac{O}{O}$ $\frac{C}{C}$ $\frac{Q}{Q}$ $\frac{G}{G}$ $\frac{S}{Y}$!

Refer your questions to our panel of club experts!

Mrs. Rock - Carolyn Reynard
 Dr. Dinosaur - Stephanie LaRose
 Captain Dig - Eric Orlowski
 Freddie Fluorescent - Chris Powell

Mineral Man - Steve Kelland
 Gem Stone Patty - Patty Kuczyna
 Rockcutter - Ed Smith
 Silver Queen - Lorraine Costello