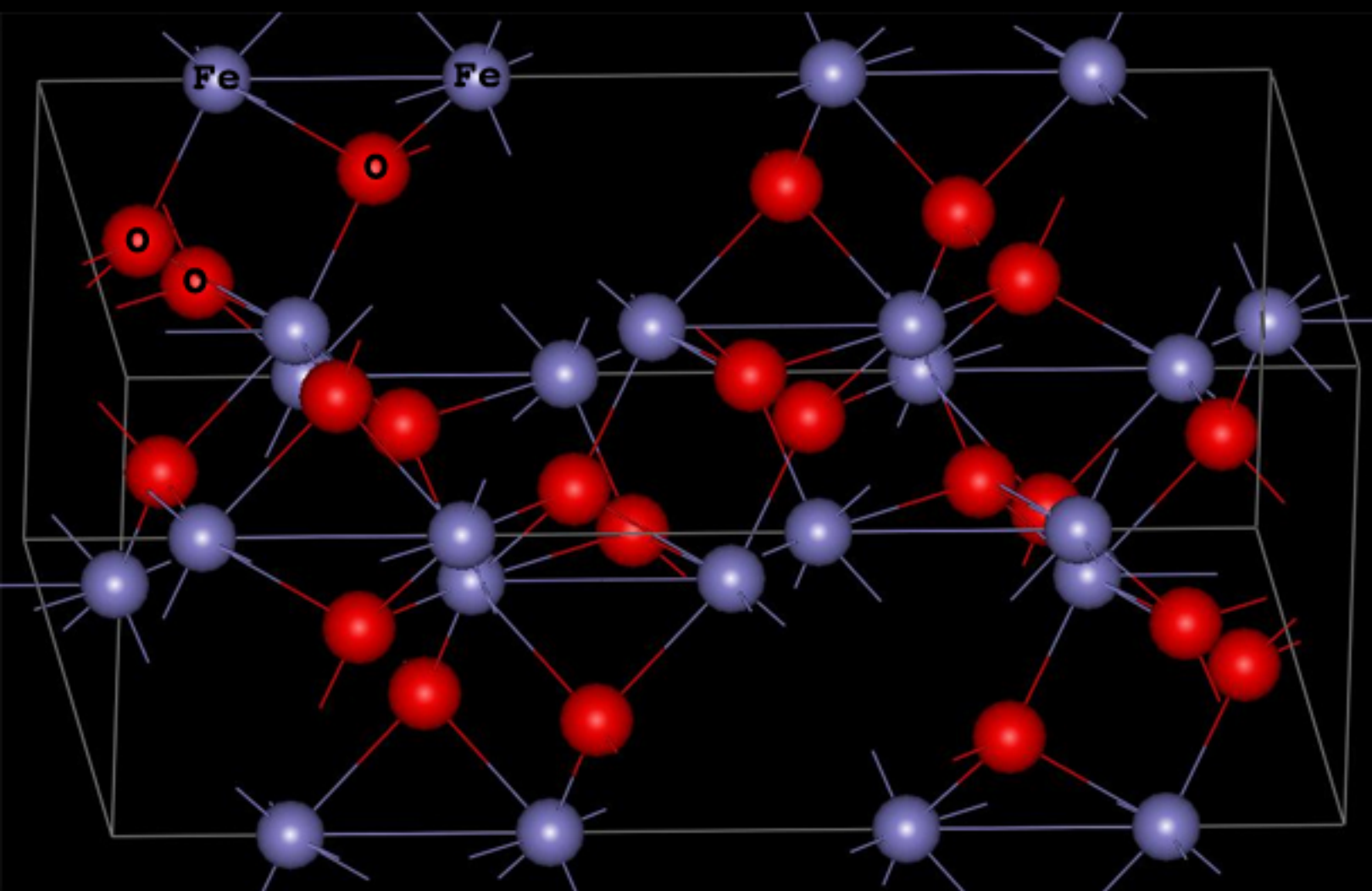



F e 2 O 3 .

What is this iron oxide?

Hematite, of course!





Such a range of looks!

**Black, grey, silver,
red, or brown;**

Metallic to dull.

Tabular crystals

Or shapeless masses, but there's

ALWAYS a red streak.

Rust makes tinted clay.

This rouge powder's been handled

For thousands of years.

Used across cultures

For pigments and medicines.

They call it ochre.





Jewelry and art:

Lots made from this mineral.

It's dark, hard, and dense.



Is it magnetic?



It depends on the moment.

Heat it up a bit...


Want more hematite?



Extract through magnetation



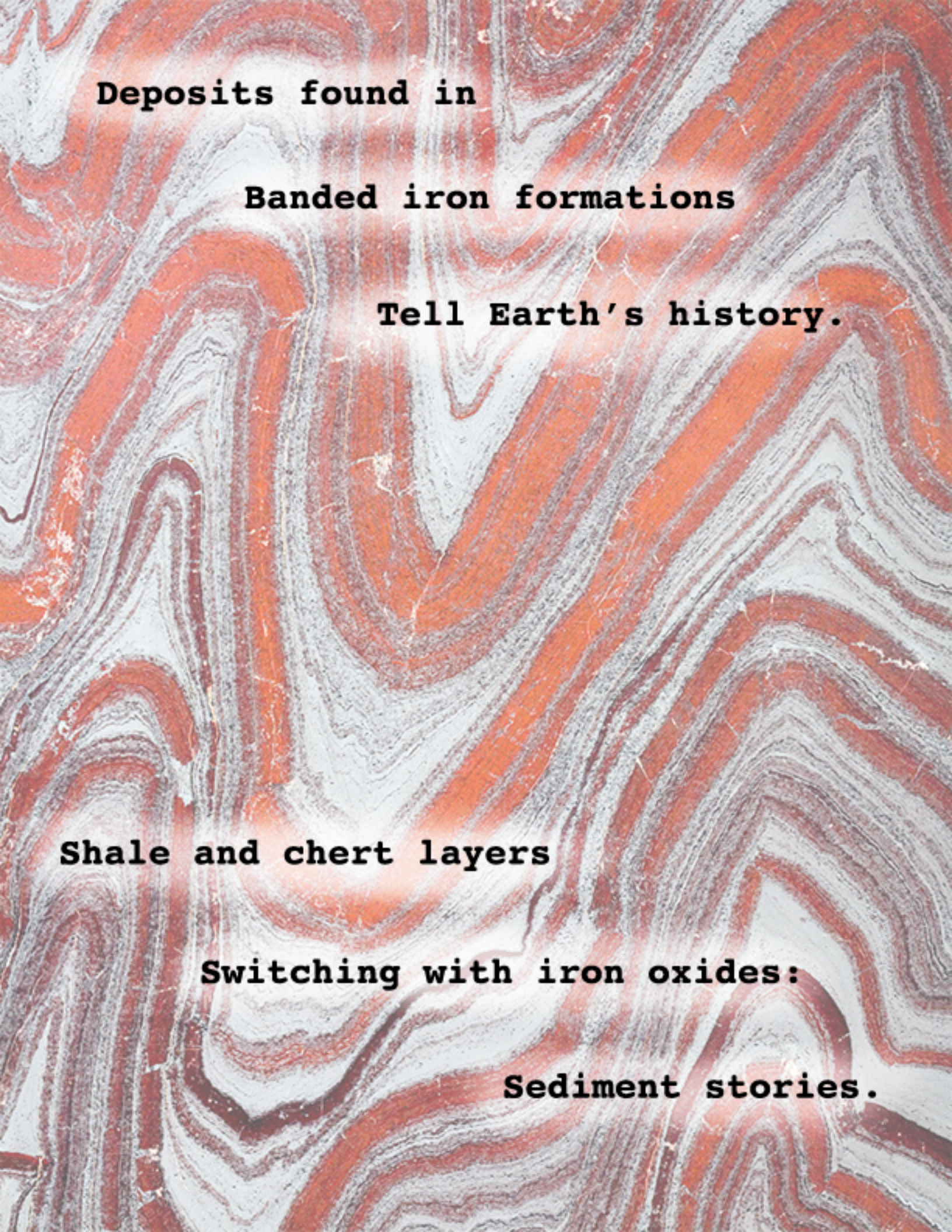
From iron mine waste.



Not only in mines,

It's found coloring soil red

All over the world.



Deposits found in

Banded iron formations

Tell Earth's history.

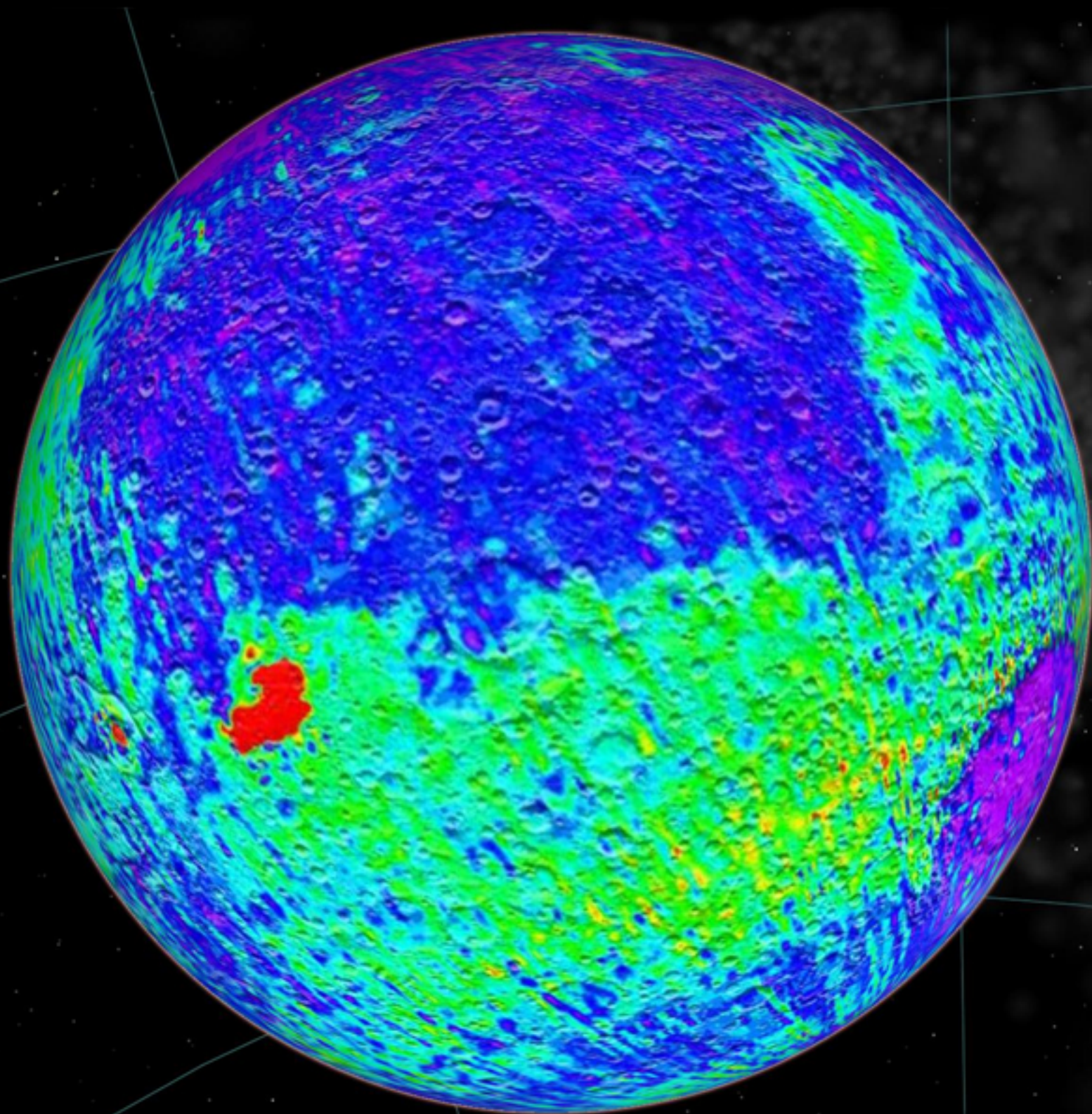
Shale and chert layers

Switching with iron oxides:

Sediment stories.

But now, beyond Earth.

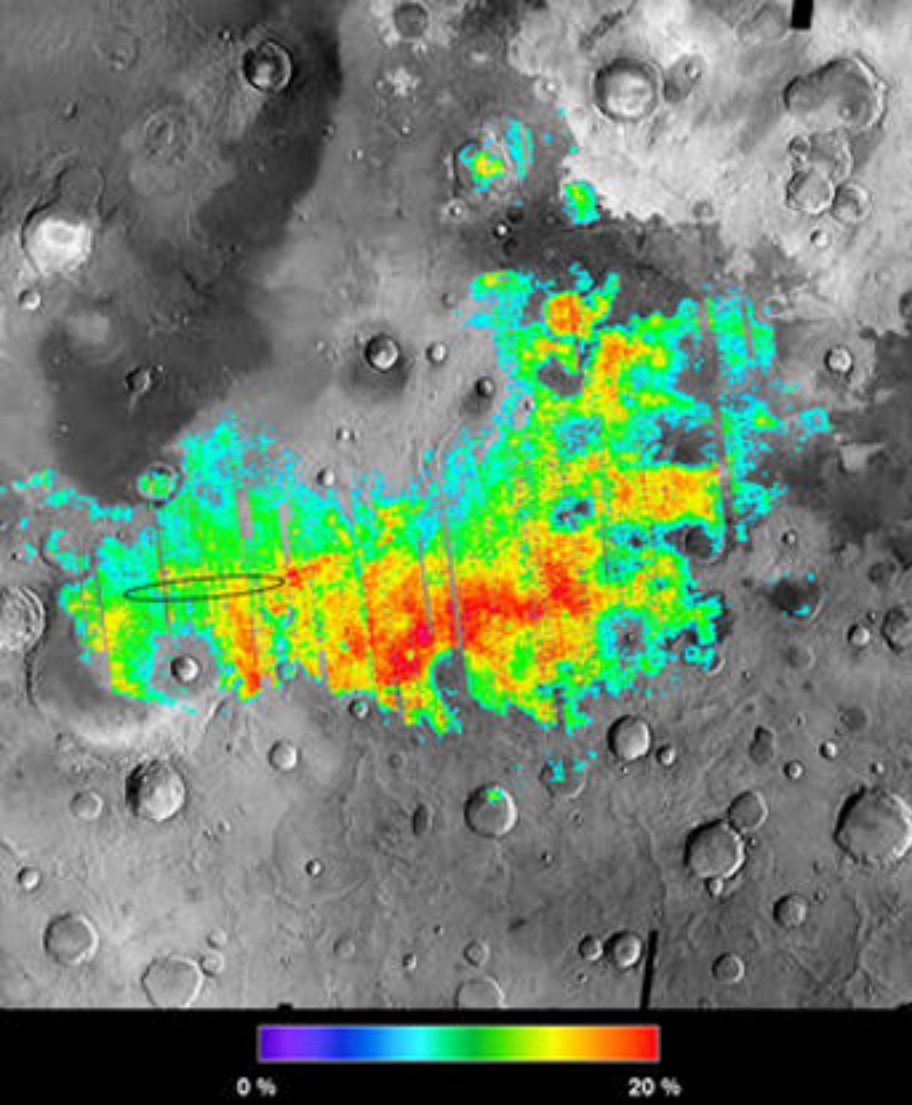
It's not just terrestrial:



They found it on Mars.

Grey hematite's there.
It's been spotted all over.
So how did it form?

On Earth, if it's grey
It often formed with water.
Could Mars have that too?



'Sup with that planet?

How did these deposits form?

Scientists theorize.

Some say volcanoes.

But others think the action

Started in water.



Whether wet or dry,

Hematite can hint at the

History of Mars.

This mineral gets

Around, and has been around.

Good old hematite.



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hematite

a collection of haiku