

# Iranian cleric: Promiscuous women cause quakes

AP Associated Press

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AP — FILE — In this Saturday, Dec. 1, 2007 file photo, two conservatively-dressed Iranian women walk past ...

 Earthquakes Video: **6.5 magnitude earthquake hit southwest of Taiwan**

By SCHEHEREZADE FARAMARZI, Associated Press Writer — Mon Apr 19, 1:35 pm ET

BEIRUT — A senior Iranian cleric says women who wear immodest clothing and behave promiscuously are to blame for earthquakes.

Iran is one of the world's most earthquake-prone countries, and the cleric's unusual explanation for why the earth shakes follows a prediction by [President Mahmoud Ahmadinejad](#) that a quake is certain to hit Tehran and that many of its 12 million inhabitants should relocate.

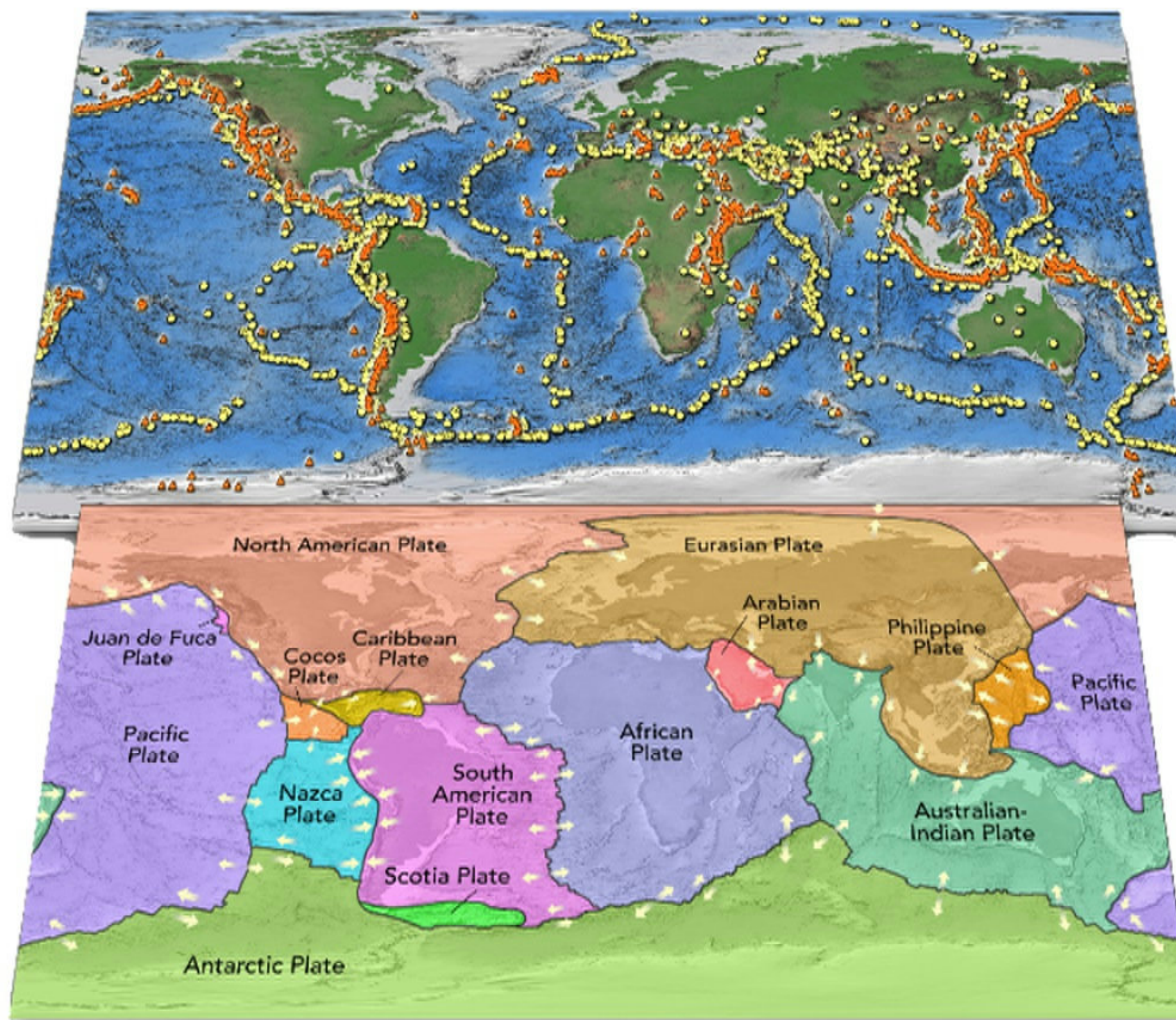
"Many women who do not dress modestly ... lead young men astray, corrupt their chastity and spread adultery in society, which (consequently) increases earthquakes," [Hojatoleslam Kazem Sedighi](#) was quoted as saying by Iranian media. Sedighi is Tehran's acting Friday prayer leader.

Women in the Islamic Republic are required by law to cover from head to toe, but many, especially the young, ignore some of the more strict codes and wear tight coats and scarves pulled back that show much of the hair.

"What can we do to avoid being buried under the rubble?" Sedighi asked during a prayer sermon Friday. "There is no other solution but to take refuge in religion and to adapt our lives to Islam's moral codes."



Magnitude	Average Annually
8 and higher	1 <sup>1</sup>
7 - 7.9	15 <sup>1</sup>
6 - 6.9	134 <sup>2</sup>
5 - 5.9	1319 <sup>2</sup>
4 - 4.9	13,000
(estimated)	
3 - 3.9	130,000
(estimated)	
2 - 2.9	1,300,000
(estimated)	



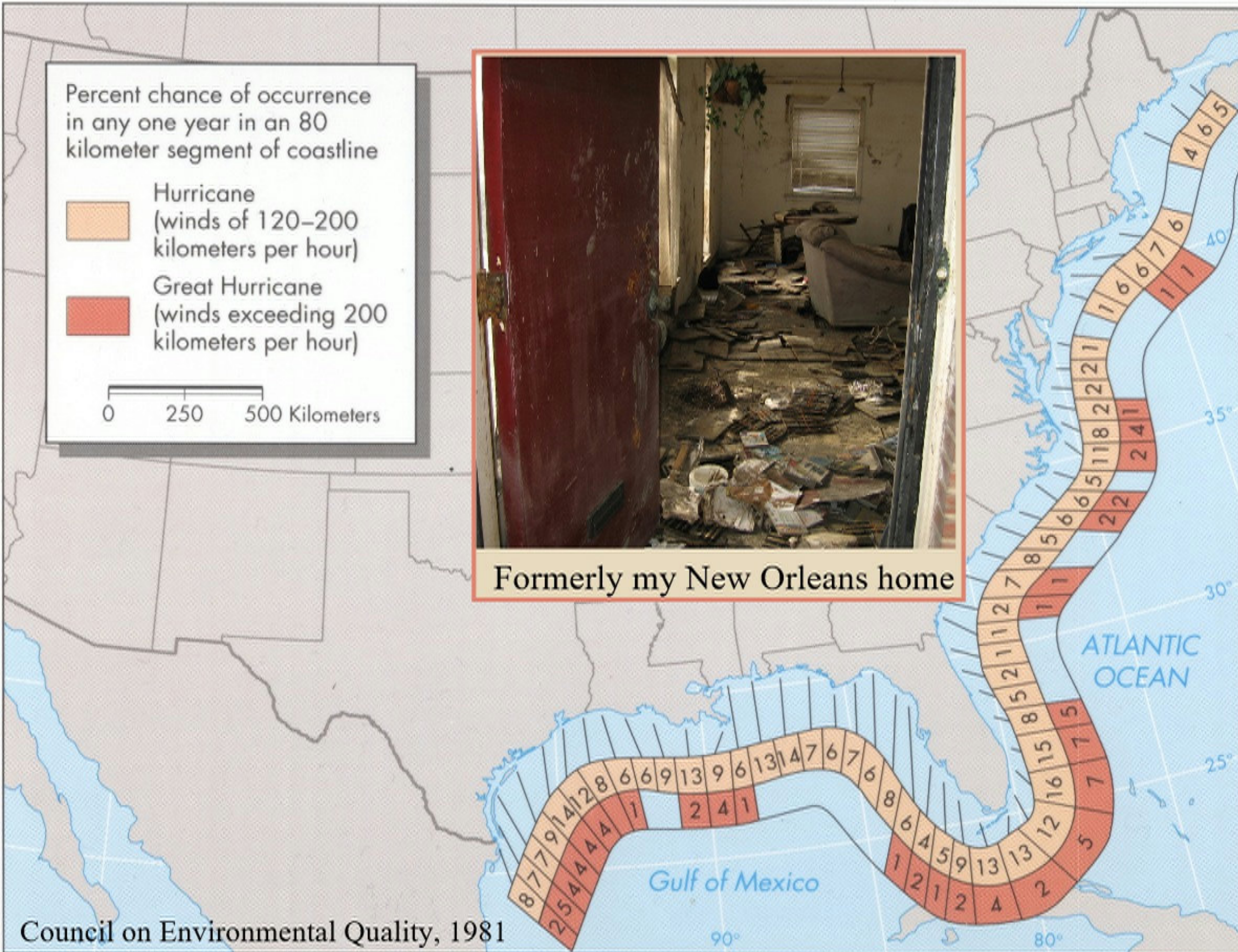
<sup>1</sup> Based on observations since 1900.

<sup>2</sup> Based on observations since 1990.

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(Haitian Earthquake, 2010: Magnitude 7)





Formerly my New Orleans home

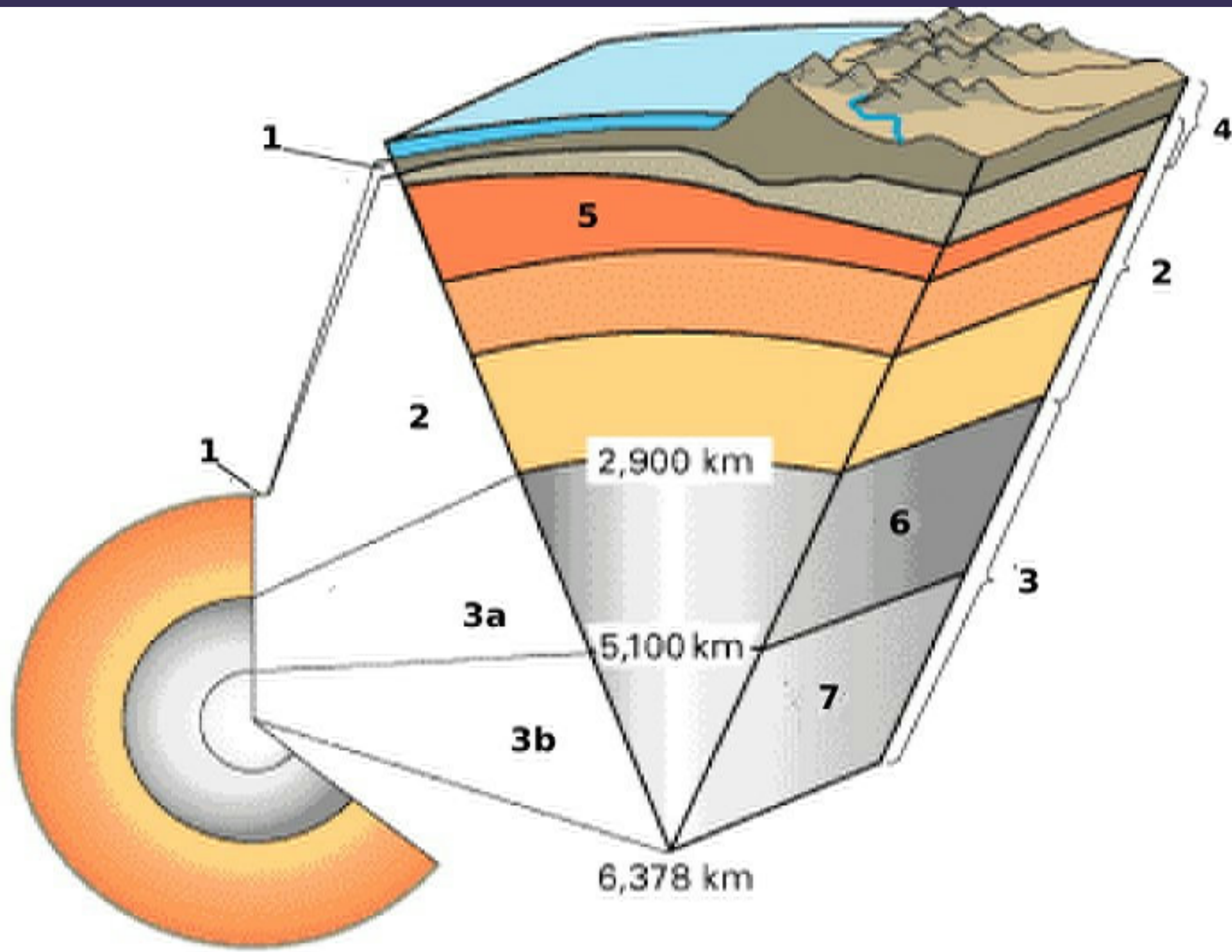










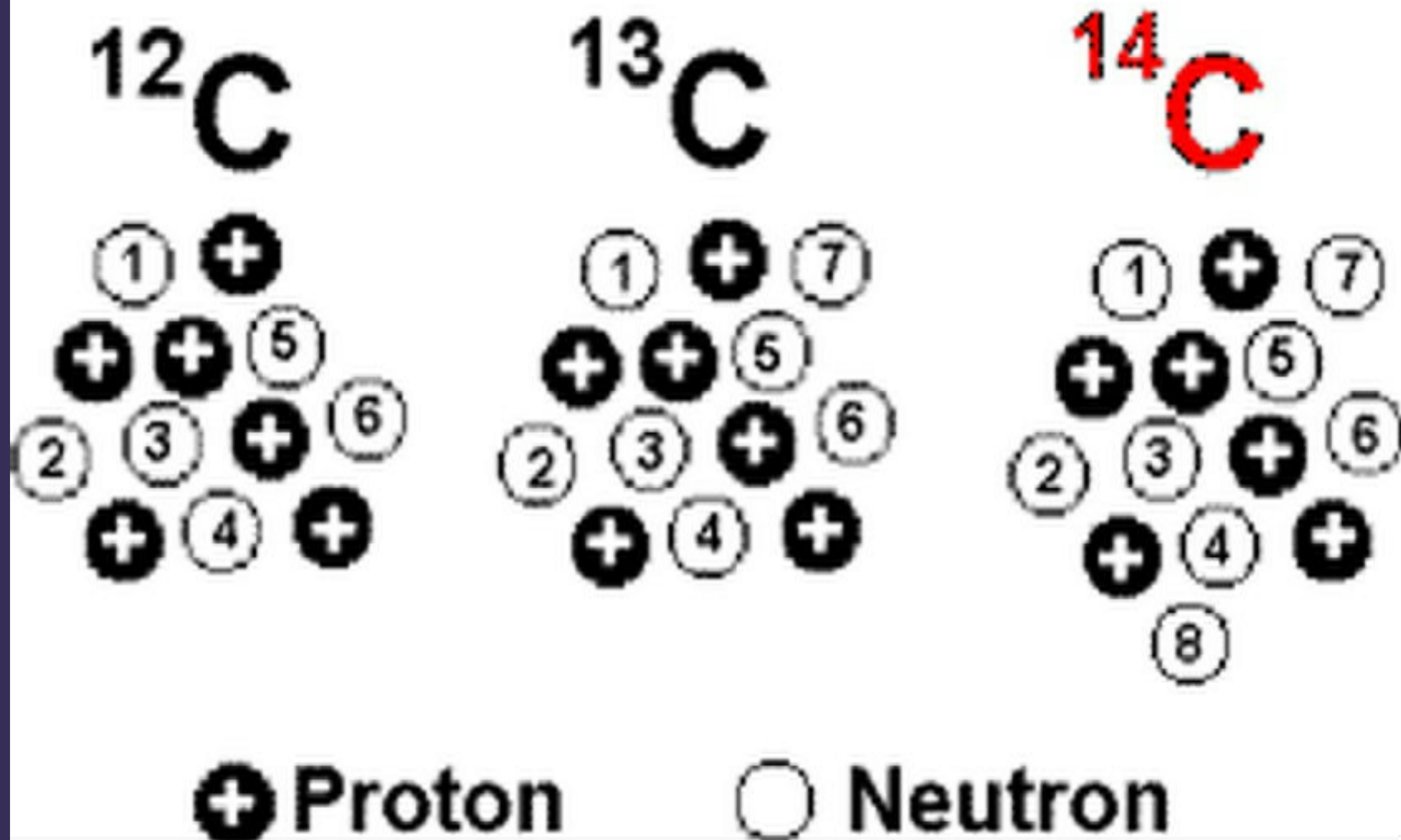




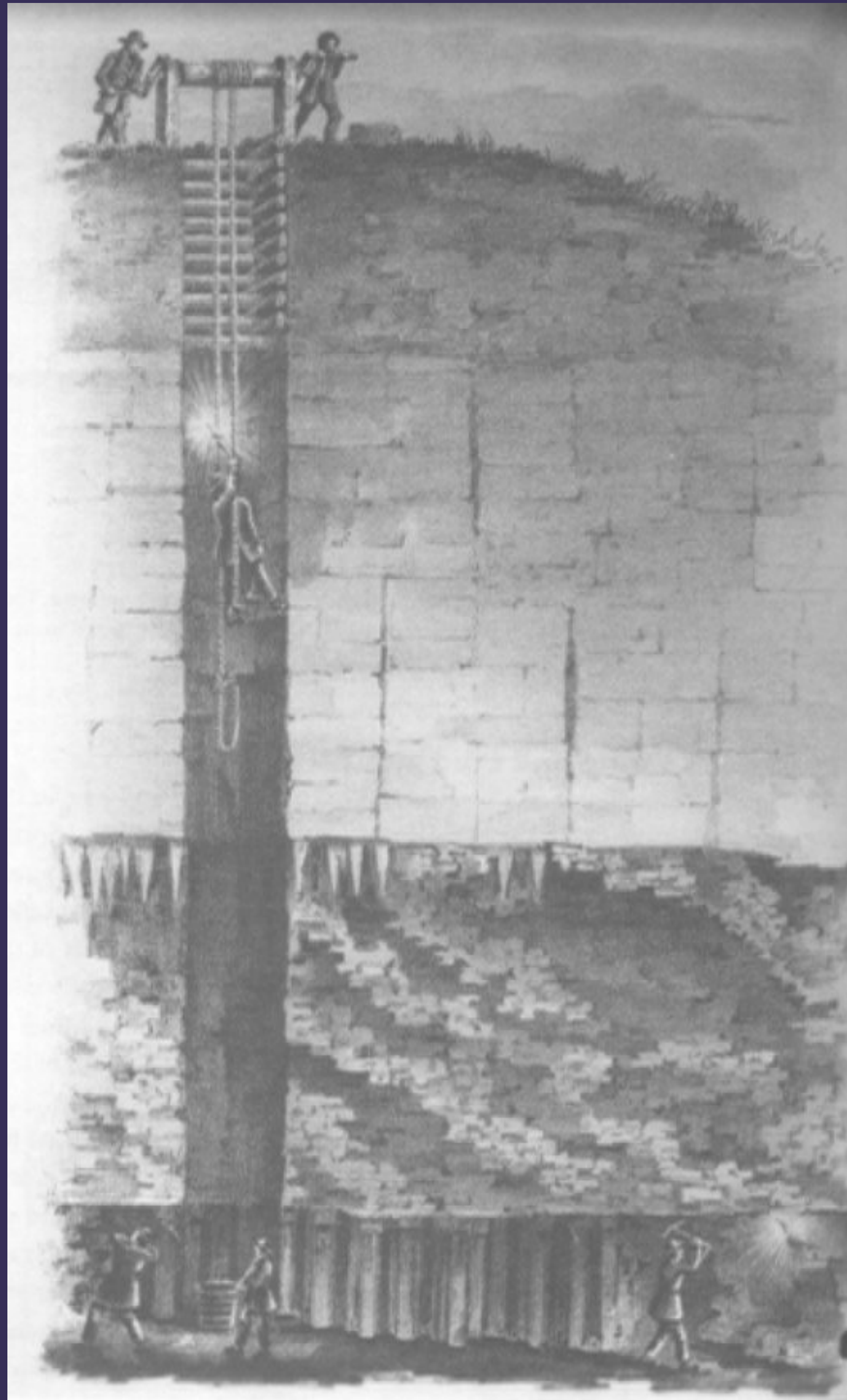
EON	ERA	PERIOD	MILLIONS OF YEARS AGO	KEY EVENTS
Phanerozoic	Caenozoic	Quaternary	1.6	Humans evolve
		Tertiary		
	Mesozoic	Cretaceous	138	Extinction of Dinosaurs
		Jurassic		
		Triassic		
	Paleozoic	Permian	240	Permian mass extinction
		Carboniferous	330	
		Devonian	410	Invertebrates become common
		Silurian		
		Ordovician		
Cambrian	500			
Proterozoic		Also known as Precambrian	3500	Earliest life
Archean				
Hadean				



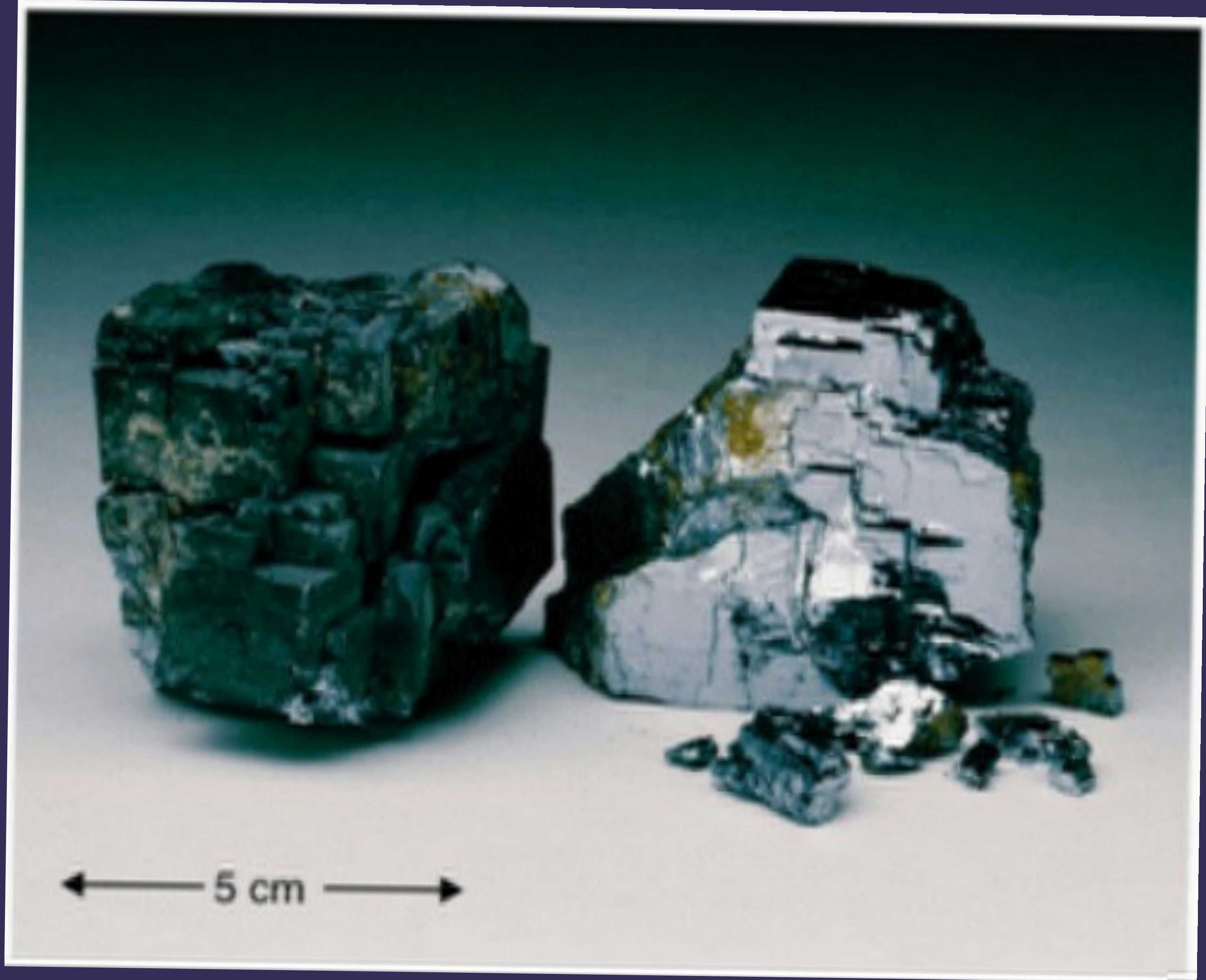
# Atomic Nuclei of Three Isotopes of Carbon



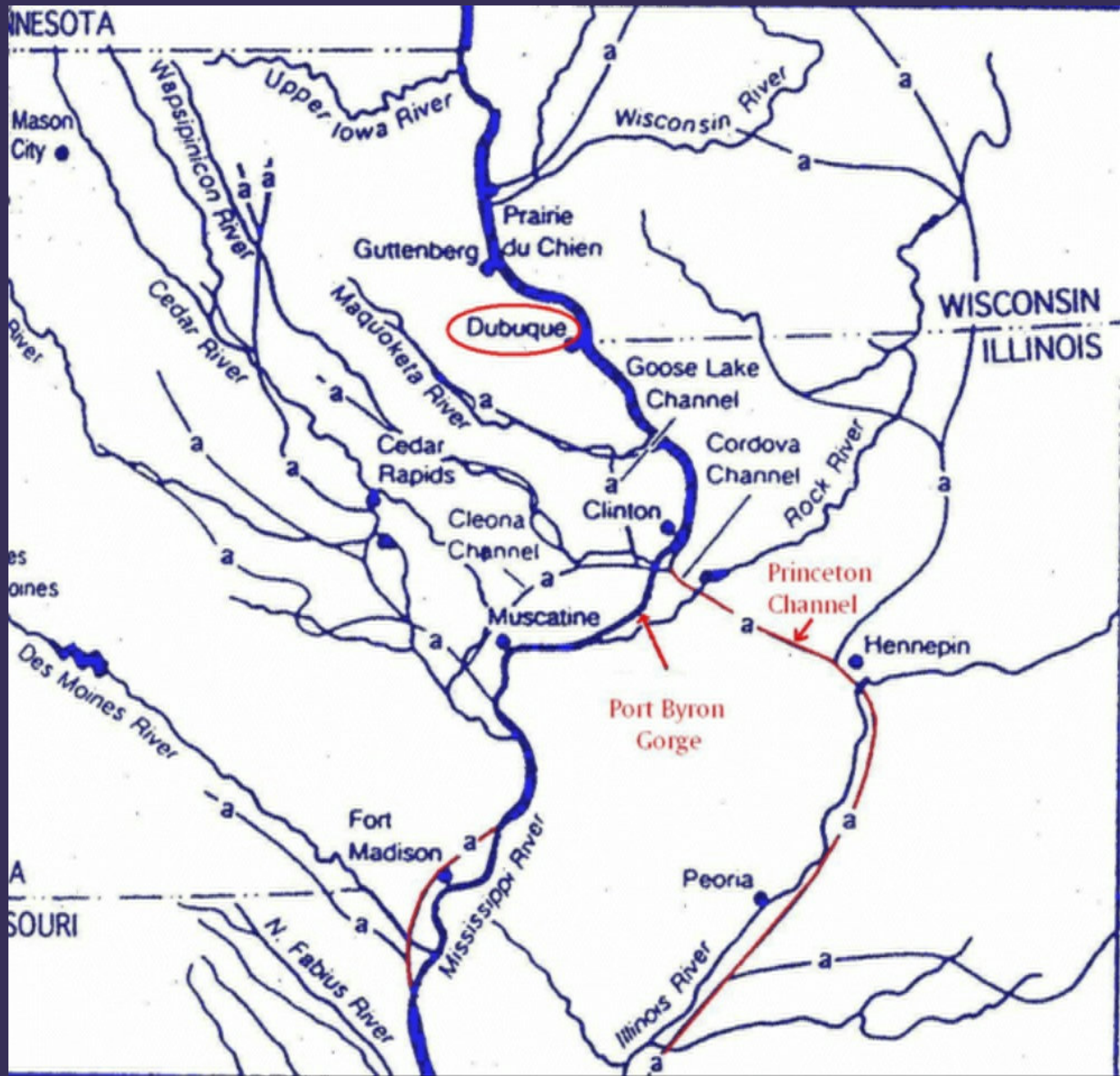




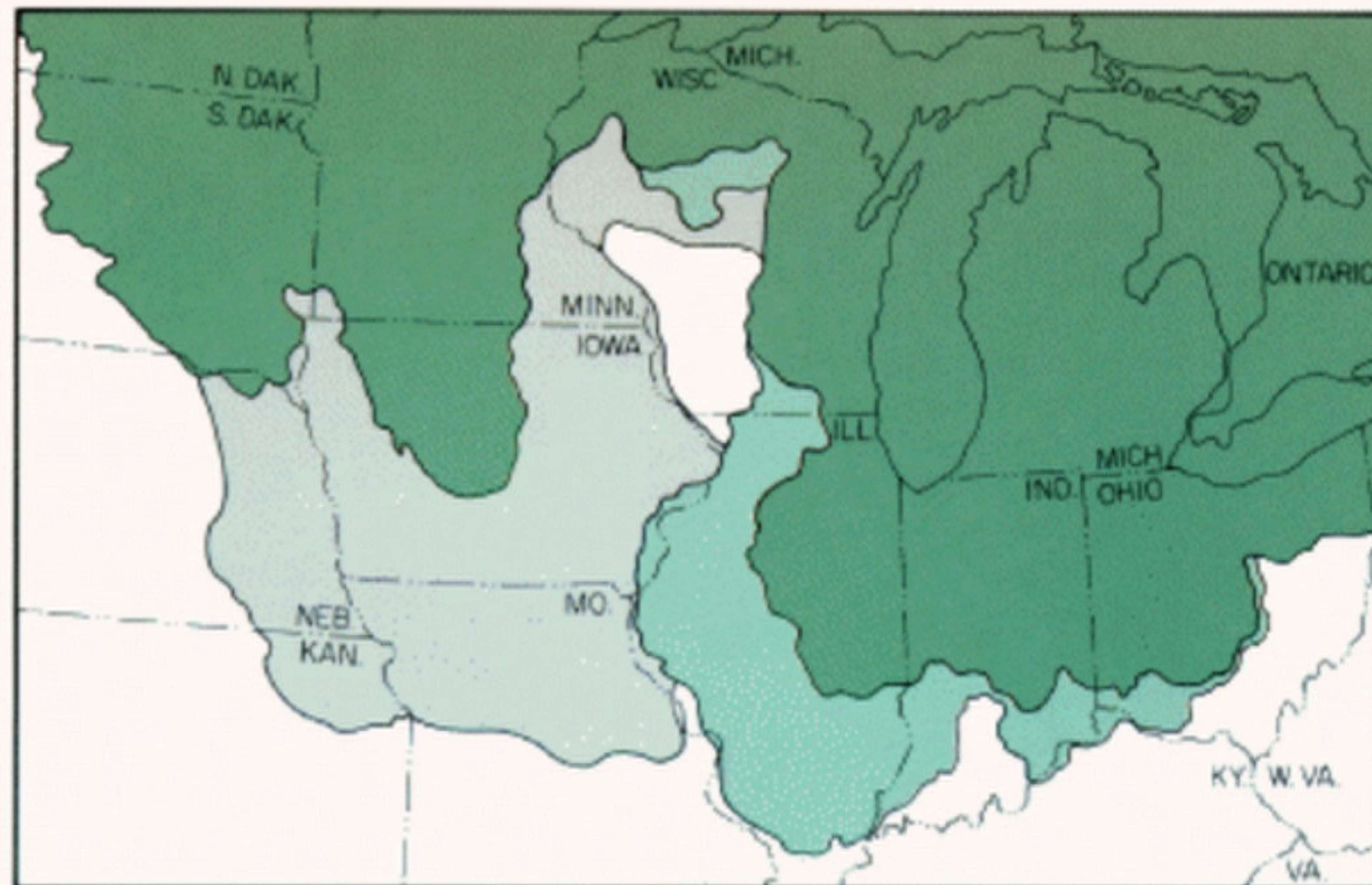










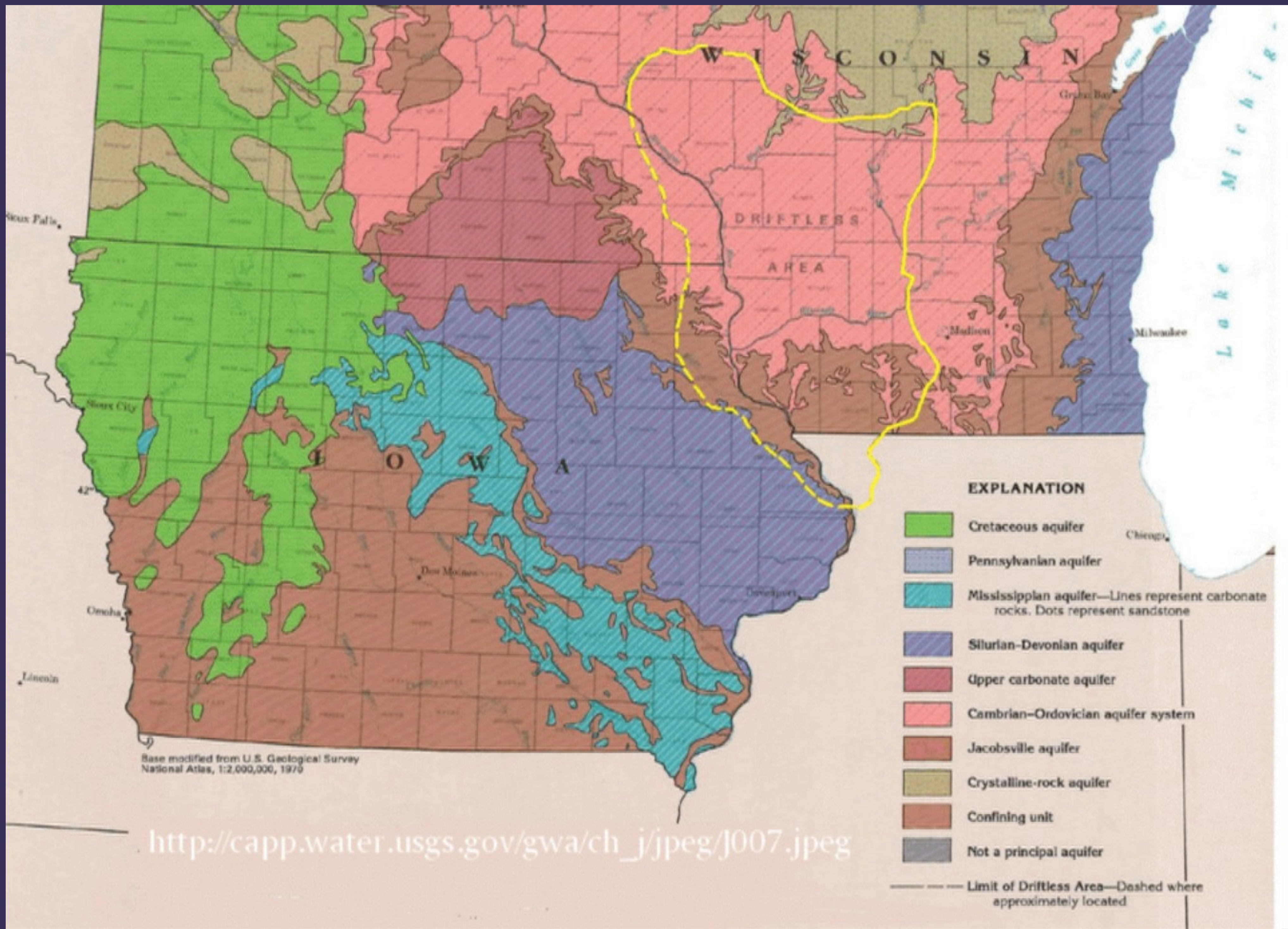


### Explanation

-  Wisconsinan  
(10,500 to 30,000 years ago)
-  Illinoian  
(130,000 to 300,000 years ago)
-  Pre-Illinoian  
(500,000 to over 2,500,000 years ago)

















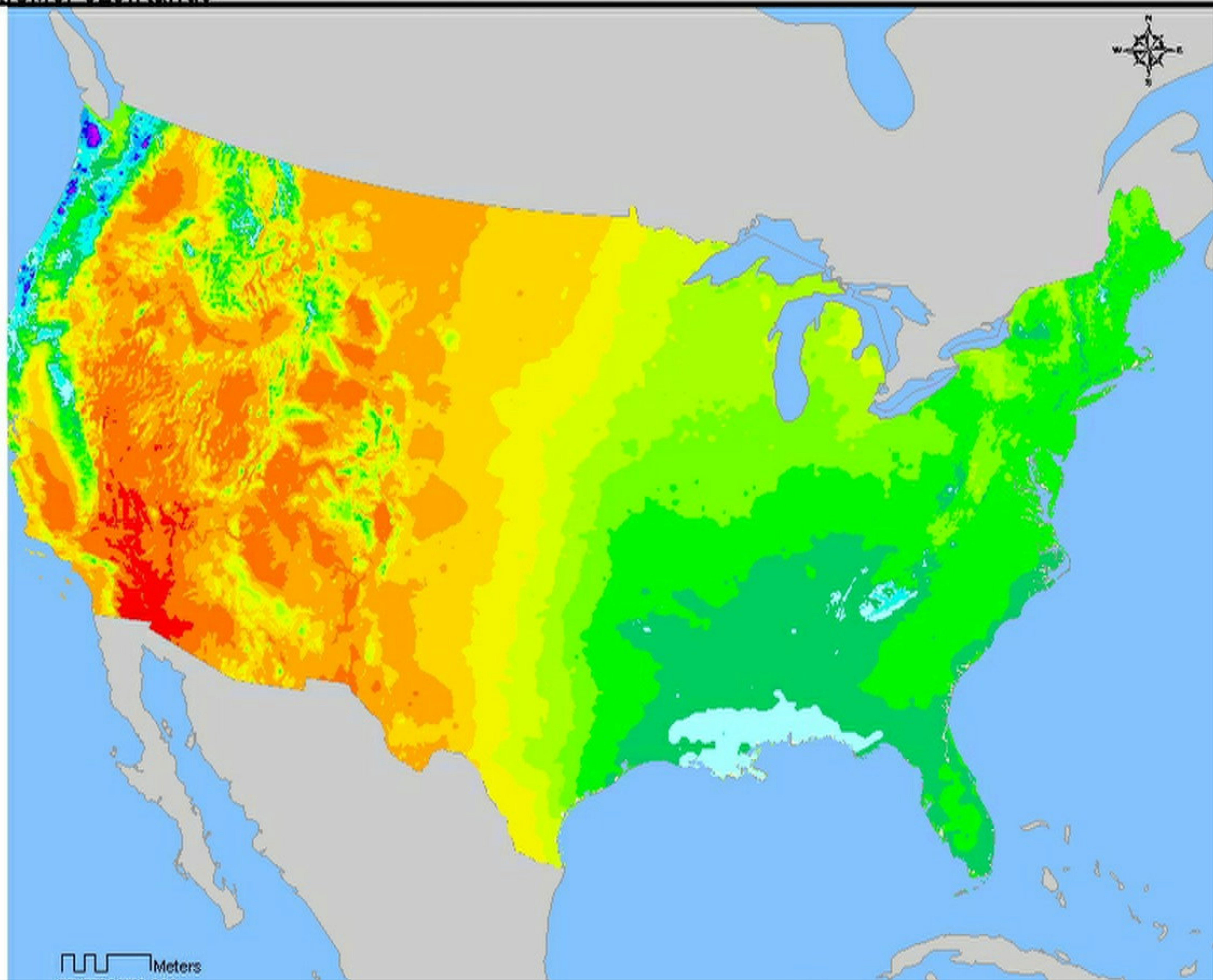




# Average Annual Precipitation, 1961 - 1990

ATLAS.ATLAS\_PRISM0P020.Range

- 0 - 0.1
- 0.1 - 5.1
- 5.1 - 10.1
- 10.1 - 15.1
- 15.1 - 20.1
- 20.1 - 25.1
- 25.1 - 30.1
- 30.1 - 35.1
- 35.1 - 40.1
- 40.1 - 50.1
- 50.1 - 60.1
- 60.1 - 70.1
- 70.1 - 80.1
- 80.1 - 100.1
- 100.1 - 120.1
- 120.1 - 140.1
- 140.1 - 180.1
- 180.1 - 201.0





## Prospecting for Gold ...

After declaring bankruptcy in 1993, David Walsh uses his last \$10,000 to find geologist John Felderhof in Jakarta. Walsh raises money, and Felderhof starts exploration.

Bre-X Minerals' stock price  
TORONTO WEEKLY CLOSINGS

1993-95: Bre-X buys an expiring land claim in Borneo. The price: a paltry \$80,000. The company starts digging for gold—and finds it.



David Walsh

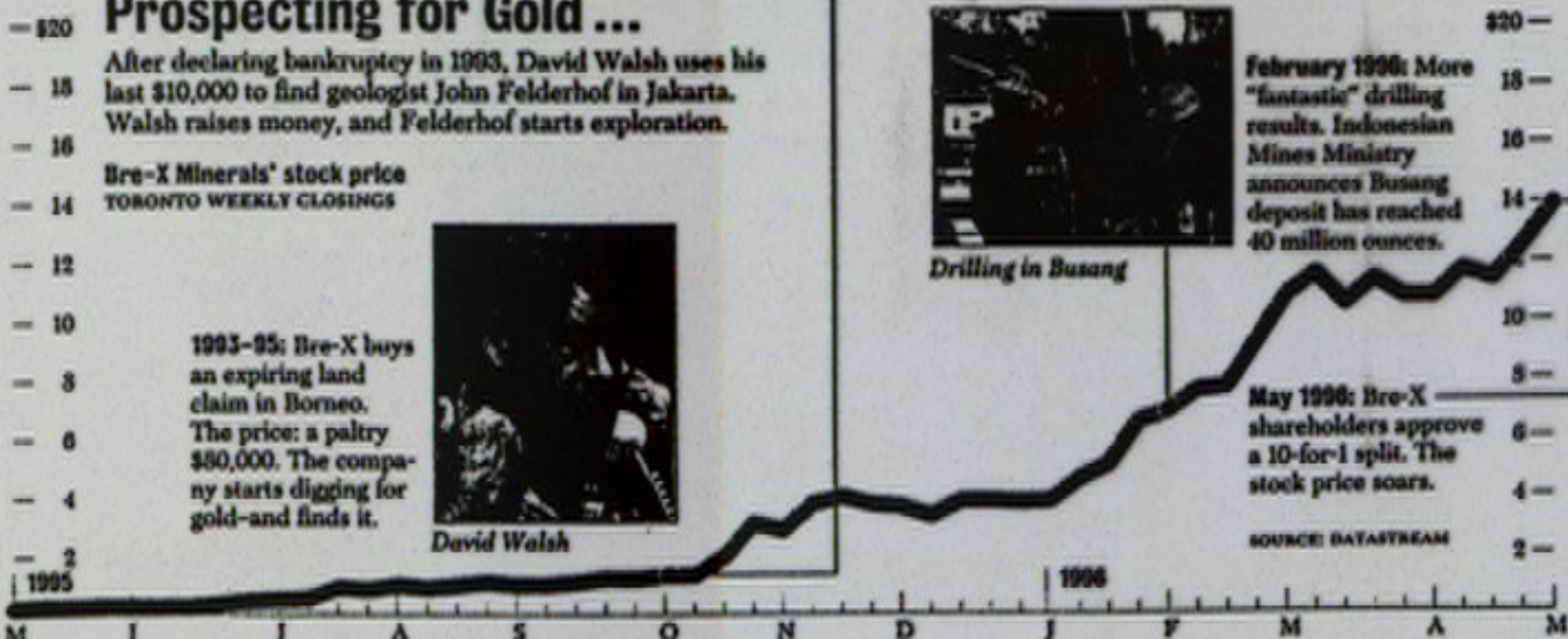


Drilling in Busang

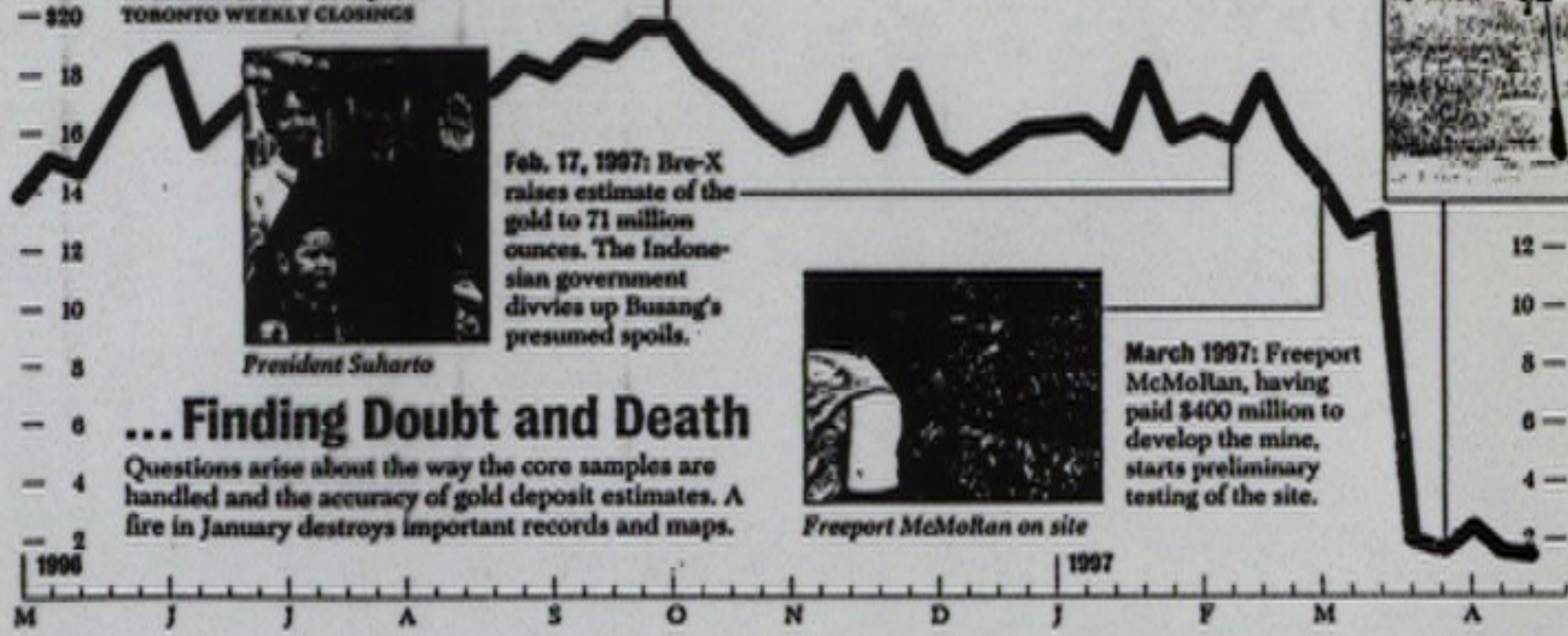
February 1996: More "fantastic" drilling results. Indonesian Mines Ministry announces Busang deposit has reached 40 million ounces.

May 1996: Bre-X shareholders approve a 10-for-1 split. The stock price soars.

SOURCE: DATASTREAM



Bre-X Minerals' stock price  
TORONTO WEEKLY CLOSINGS



President Suharto

Feb. 17, 1997: Bre-X raises estimate of the gold to 71 million ounces. The Indonesian government divvies up Busang's presumed spoils.

## ... Finding Doubt and Death

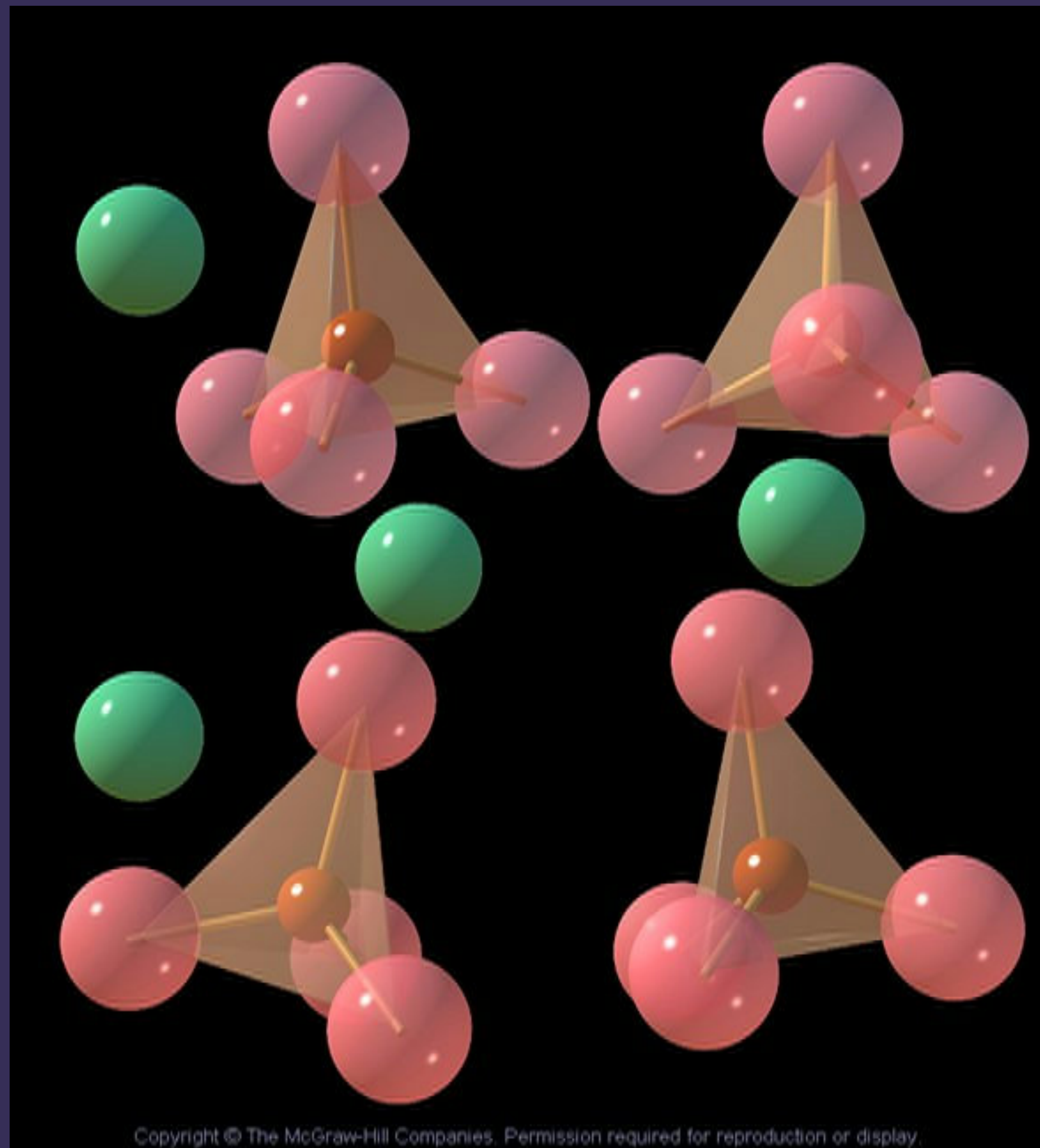
Questions arise about the way the core samples are handled and the accuracy of gold deposit estimates. A fire in January destroys important records and maps.



Freeport McMoilan on site

March 1997: Freeport McMoilan, having paid \$400 million to develop the mine, starts preliminary testing of the site.











**Felsic**

**Intermediate**

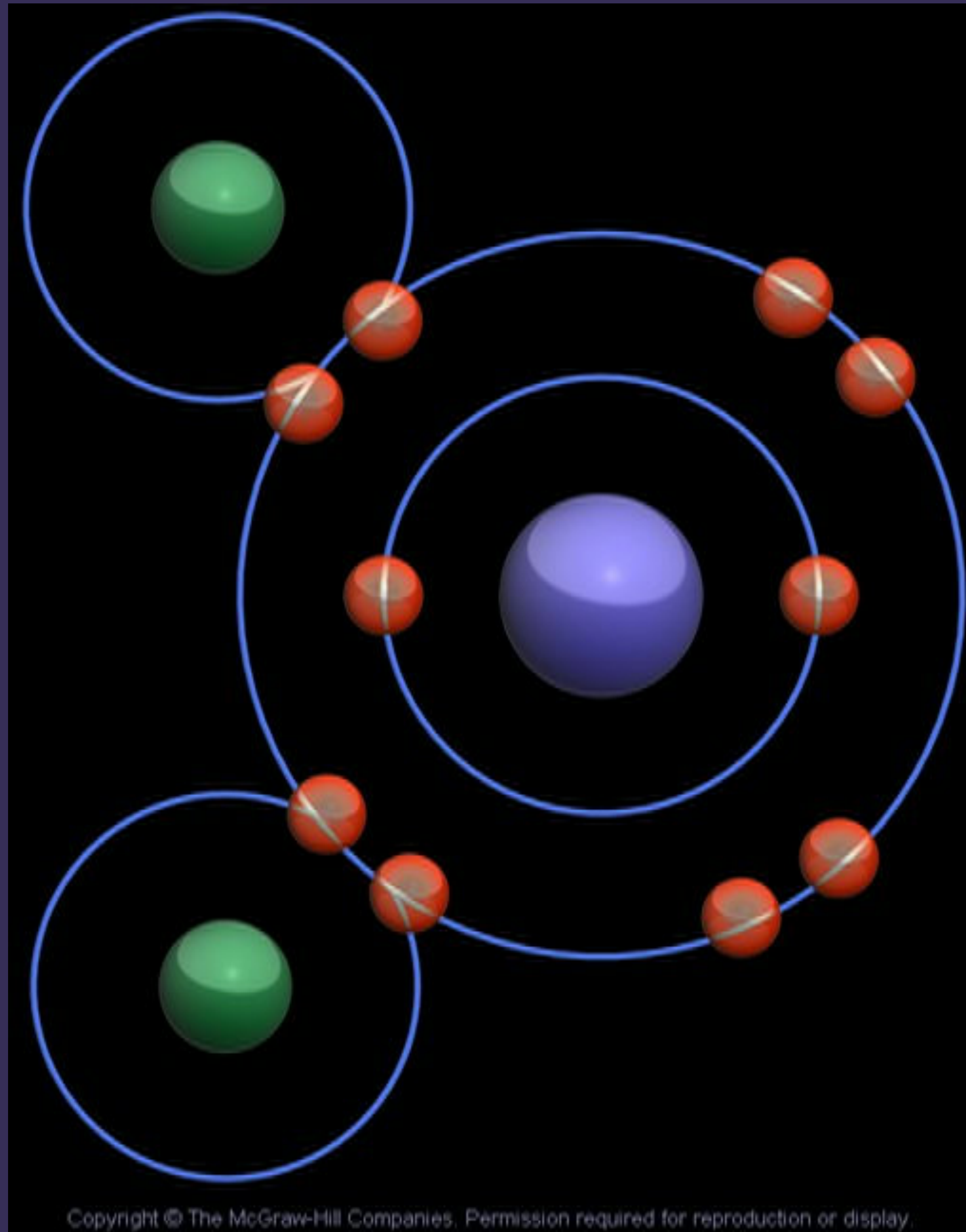
**Mafic**

**Density**

**Melting Pt.**

**Color**





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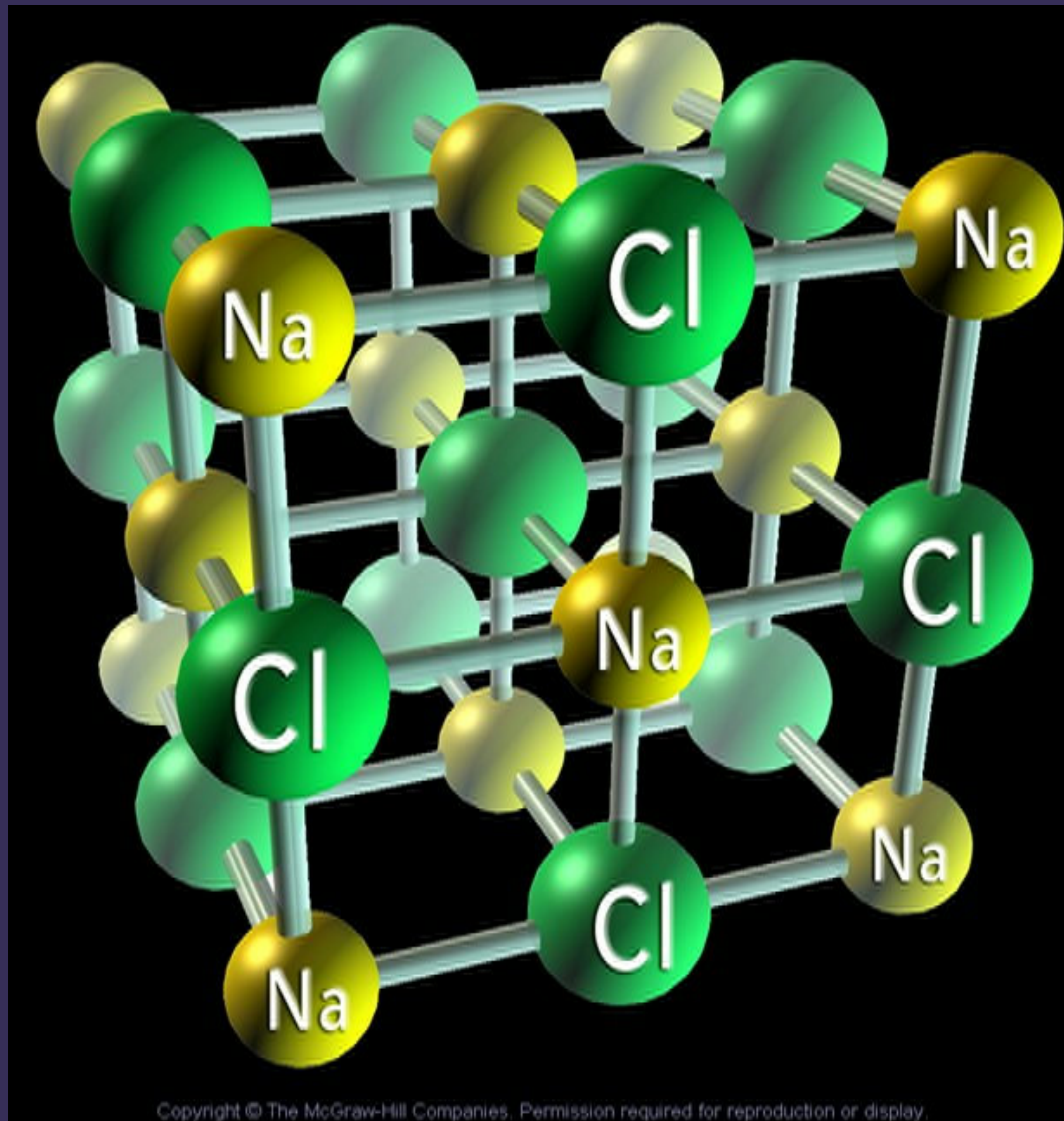
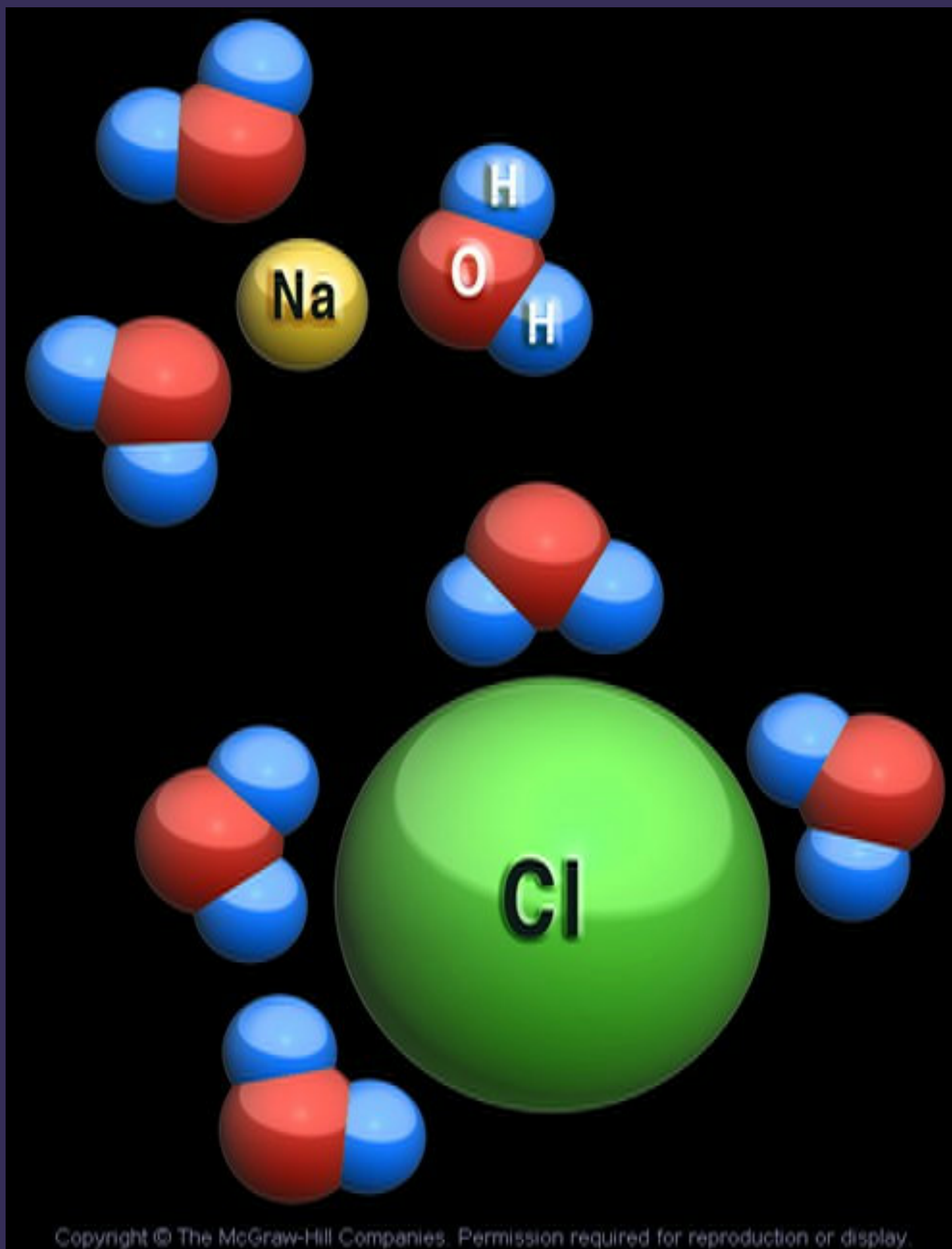




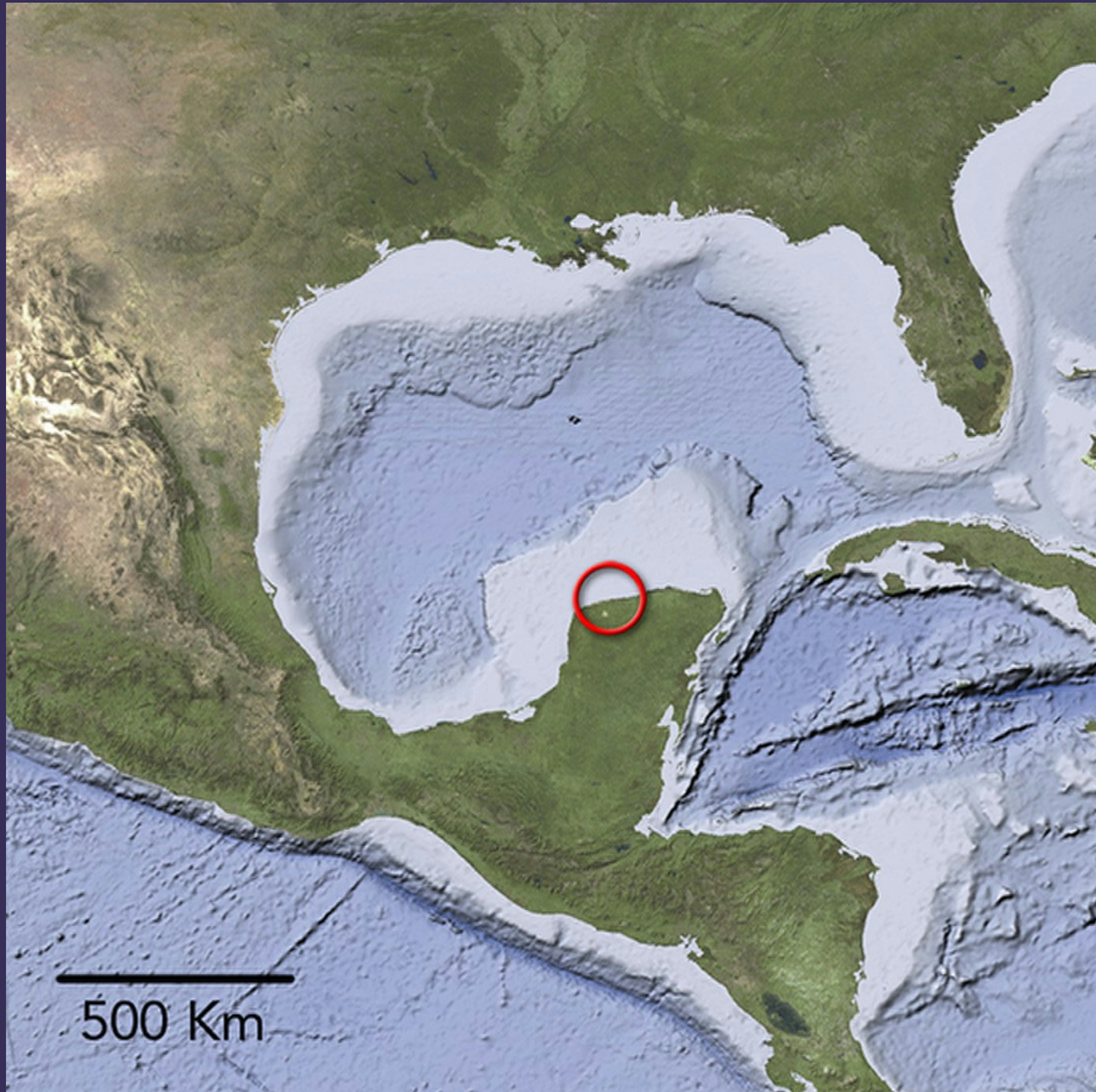


Photo by Dennis Tasa













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