CRATERS

Impact of meteorite

Beginning of shock wave

Compression wave

Ejecta

Rarefaction wave

Fracture system

Ejecta blanket

Overturned crater rim

Crater

Ejecta blanket
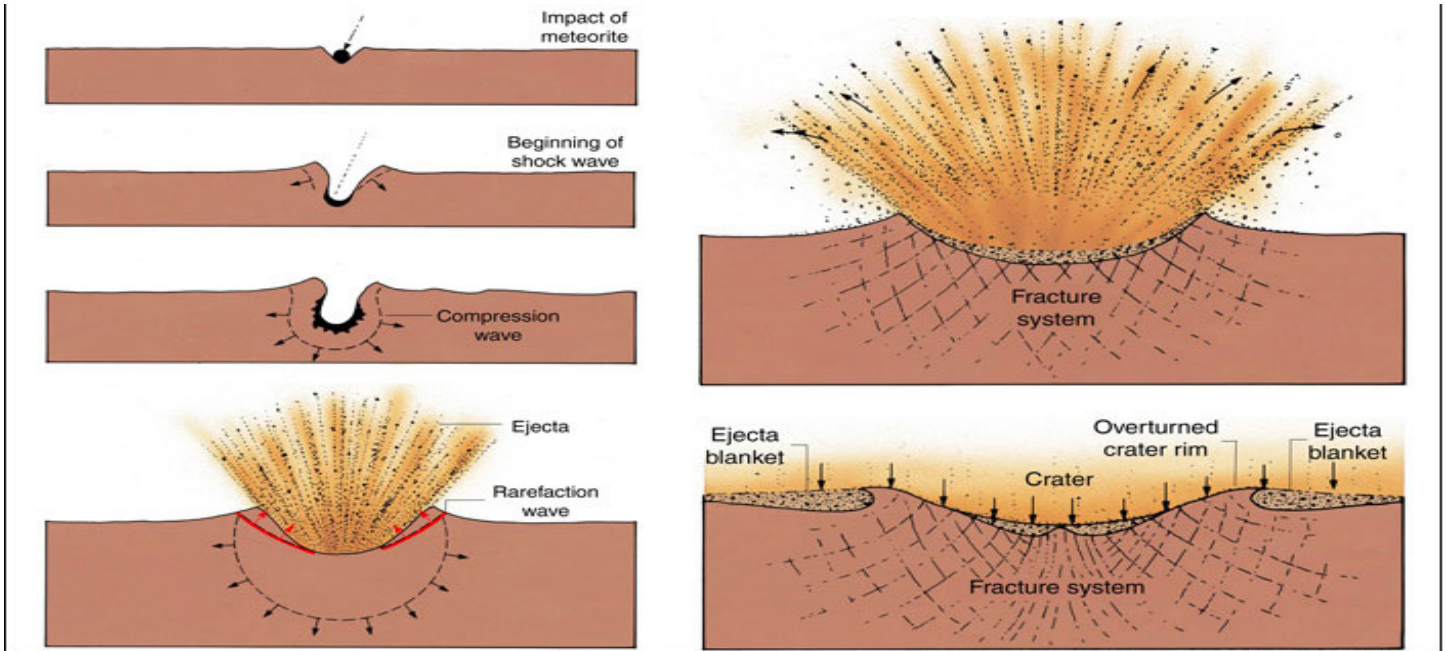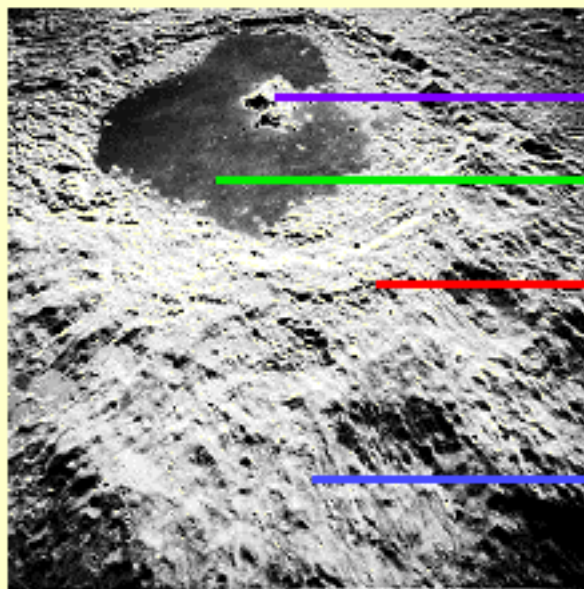
Fracture system

Lunar Crater Tsiolkovsky

Complex central peak

Smooth floor of lava

Rim of crater

Ejecta

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Crater diameter= 125 miles (185 km)

This complex impact crater is on the far side of the moon.