

Types of Earthquake Waves

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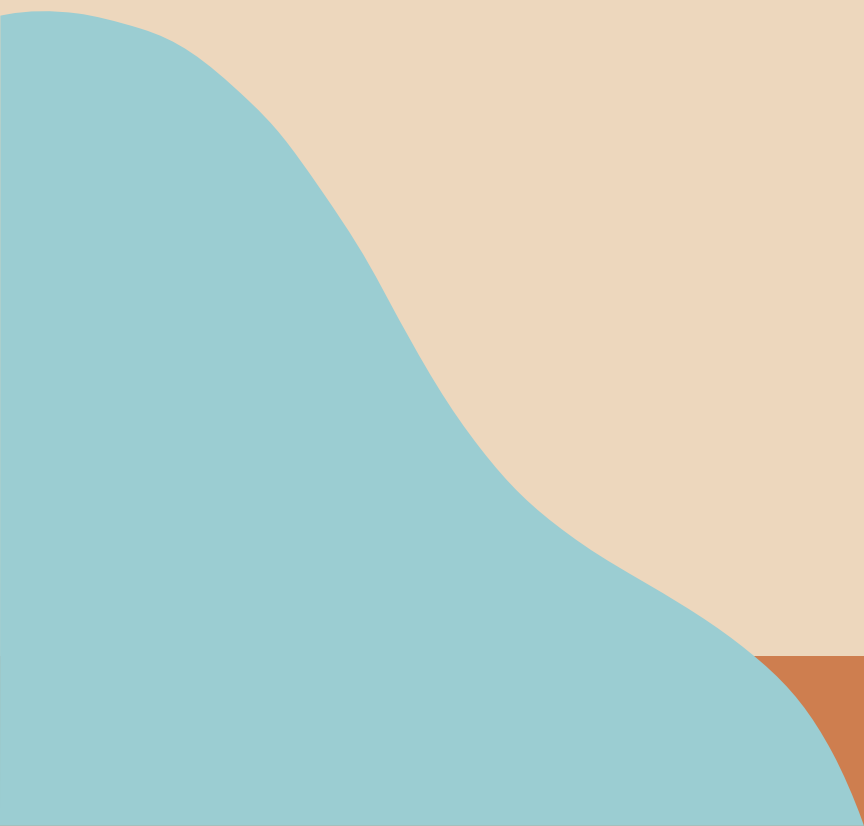
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WHAT ARE EARTHQUAKE WAVES?

- Earthquakes release energy in the form of earthquake waves
- These waves travel through the Earth and cause ground shaking
- Two main categories: Body Waves and Surface Waves

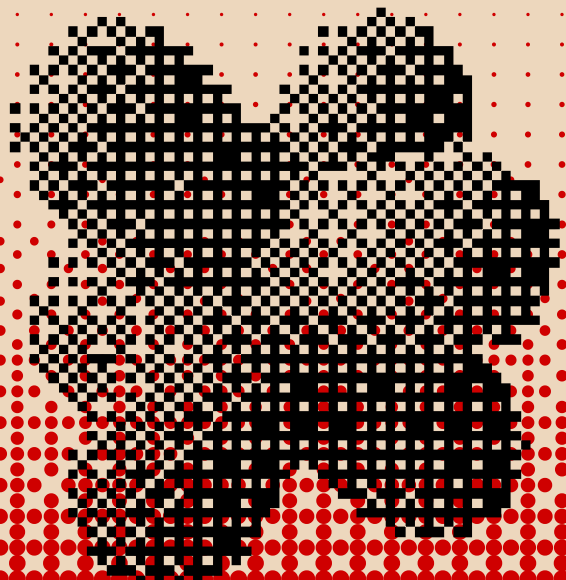


TYPES OF EARTHQUAKE WAVES

There are two main types of
earthquake waves which are

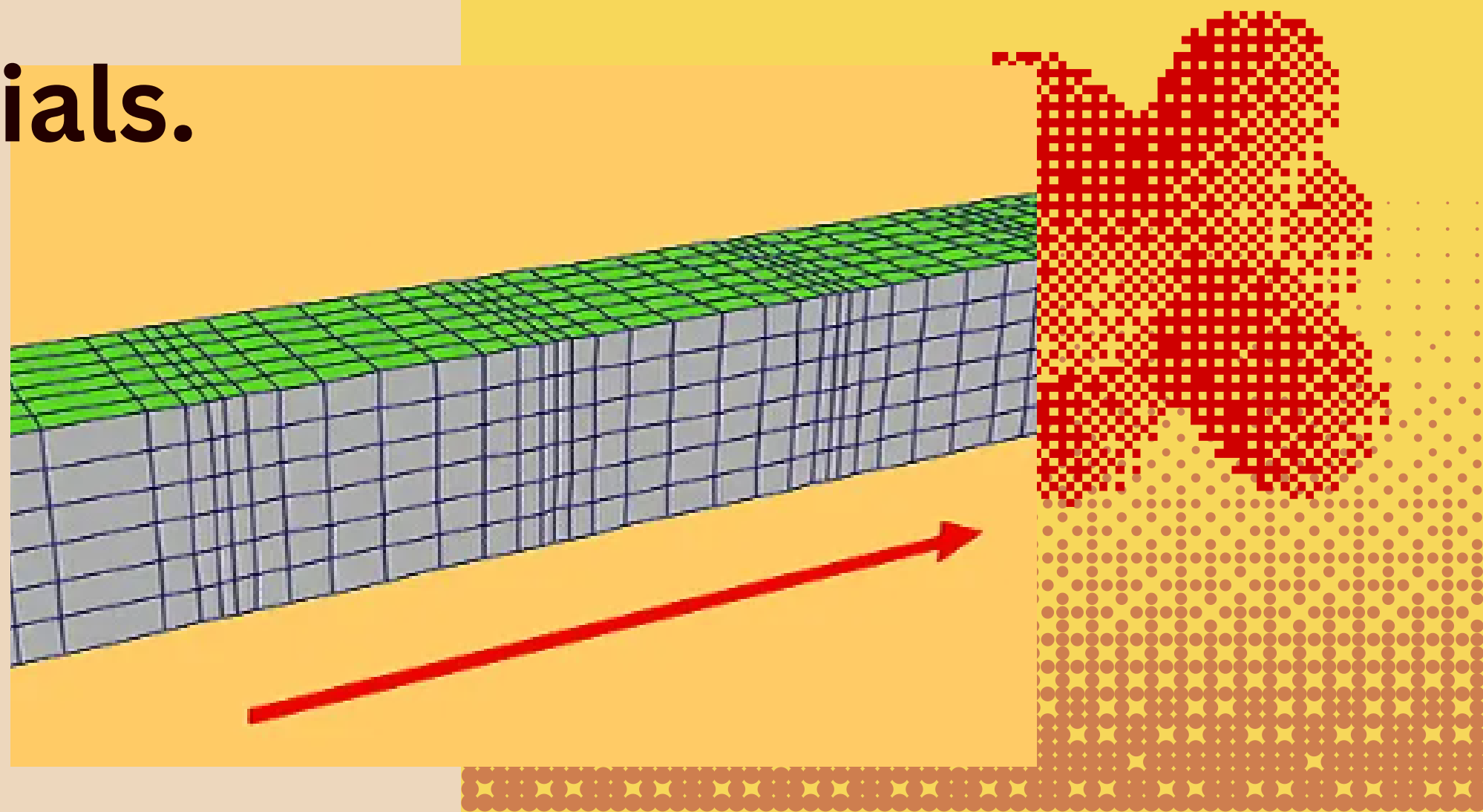
Body waves

Surface waves



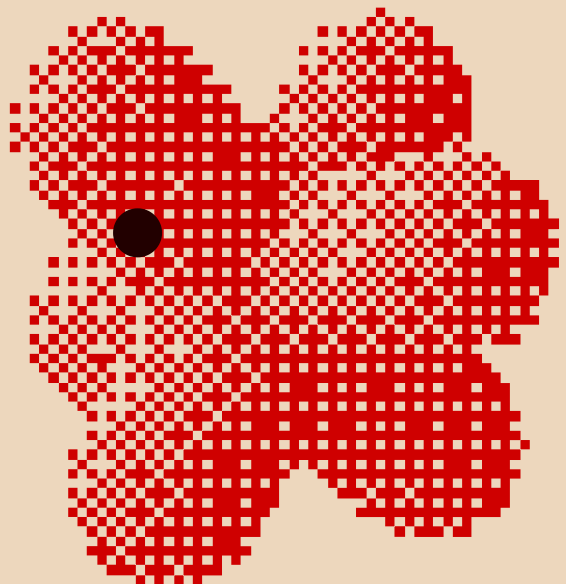
P-WAVES OR PRIMARY WAVES

P-Waves, or primary waves, are compressional and travel faster through various materials.



S-WAVES OR SECONDARY WAVES

- **S-waves or secondary waves, are slower than primary waves, travel through solids only and are more destructive than P-waves.**



SURFACE WAVES

- **Surface waves are seismic waves that travel along the Earth's surface, not through the interior like body waves.**
- **They usually arrive after P-waves and S-waves, but cause the most visible damage during earthquakes.**

QUESTIONS

What are the 2 types of earthquake waves?

do P-waves travel faster than S-waves?



Answers

1- Body waves
Surface waves
2- Yes



Thank you!!!!

