

Granite Tors

What is it?

A large free-standing rock outcrop rising above the surrounding landscape. It is made when a batholith intrudes into the crust however the softer country rock is eroded/weathered away with time. The cracks form when the rock is cooling and contracting and when it is un-convered and the pressure released. These are then amplified by freeze thaw weathering.



Where are they commonly found?

Common in: - Dartmoor - Bodmin moor

Joints

Unloading

Joints formed near the surface by uplift and erosion.

Cooling

Columnar (perpendicular) joints that result from the cooling of lava.

Formed by freeze, thaw weathering

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