

# Kozmik Cousins: The Great Cavern on the Moon

Kozmik Cousins is a large lava tube or lunar cavern on the Moon. It was discovered by the Lunar Reconnaissance Orbiter in 2009. The cavern is located on the far side of the Moon and is estimated to be over 20 miles long and 1,5 miles wide.



## KozMik Cousins: The Great Cavern on the Moon

by Eric R. Ashley

★★★★★ 5 out of 5

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Kozmik Cousins is one of the largest known lunar caverns. It is thought to have formed billions of years ago when lava from a volcanic eruption flowed through a subsurface channel. As the lava cooled and solidified, it created a hollow tube. Over time, the roof of the tube collapsed, creating the cavern.

Kozmik Cousins is a significant discovery because it provides evidence that there may be other large caverns on the Moon. These caverns could provide shelter for future lunar explorers and could also be used to store supplies and equipment.

## **Exploration of Kozmik Cousins**

Kozmik Cousins has been explored by several robotic spacecraft. The Lunar Reconnaissance Orbiter has taken high-resolution images of the cavern, and the Kaguya spacecraft has mapped its interior. The Chang'e 4 lander also landed near the cavern in 2019.

These spacecraft have provided valuable data about Kozmik Cousins and have helped to increase our understanding of lunar caverns. However, much of the cavern remains unexplored. Future missions will be needed to fully explore Kozmik Cousins and to determine its potential for future use.

## **Significance of Kozmik Cousins**

Kozmik Cousins is a significant discovery for several reasons. First, it is one of the largest known lunar caverns. Second, it is located on the far side of the Moon, which is a region that is relatively unexplored. Third, Kozmik Cousins could provide shelter for future lunar explorers and could also be used to store supplies and equipment.

Kozmik Cousins is also a reminder of the Moon's volcanic past. The cavern was formed billions of years ago when lava from a volcanic eruption flowed through a subsurface channel. This lava eventually cooled and solidified, creating the cavern.

Kozmik Cousins is a fascinating and important discovery. It provides evidence that there may be other large caverns on the Moon, and it could also be used to support future lunar exploration.

Kozmik Cousins is a large and intriguing lunar cavern that has the potential to provide valuable insights into the Moon's past and future. Future missions will be needed to fully explore Kozmik Cousins and to determine its potential for future use.



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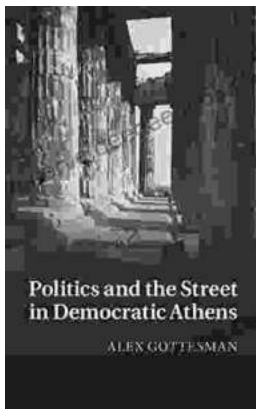
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