

Study Analyzes Apollo 15 Images & Finds Evidence of “Excavation” & Unusual Structures on Moon



By [Arjun Walia](#) | [Collective Evolution](#)

In Brief

- The Facts: Members of the Society For Planetary SETI Research published a paper in the Journal of Space Exploration about features on the far side of the Moon that may be artificial. They analyzed images from Apollo 15 and the Lunar Reconnaissance Orbiter.
- Reflect On: How much do we really know about our planet, the Moon, and other planets in our solar system? Have we rejected further study and evidence simply because they

“don’t fit the frame” of accepted knowledge?

With so much information and misinformation in many different areas these days, it can be hard to know what to believe or what to trust. How did we get into this position? It seems there is a great divide on a number of different topics, and the Moon is no doubt one of them. Is it really that difficult to look at information and arrive at some sort of truth? I don’t believe so, but the most important thing is to be able to discuss information and ideas transparently, openly while having the ability to see from another perspective as well. If we cling to certain beliefs and positions and become polarized in them, we are not really opening ourselves up to new possibilities that may change the way we think and perceive not only our world but ourselves.

What Happened: A [study](#) published in the *Journal Space Exploration* in 2016 provides an in-depth analysis of images taken from Apollo 15 as well as the Lunar Reconnaissance Orbiter. According to the authors, there appears to be “two unusual features in the crater Paracelsus C on the far side of the moon,” the side that is never visible from Earth. By combining multiple images it becomes clear to them that what they are looking at are two walls “on either side of a narrow valley or passageway.”

Using single image shape from shading and 3D terrain visualization we show in a computer generated perspective view looking northeast that the southwest end appears to be the entrance to the passageway. A reverse angle view looking southwest shows the passageway ending at a rise of terrain at the other end, possibly leading underground. The terrain surrounding the two structures is not flat but appears “excavated ” by some unknown mechanism, natural or artificial. It is shown that these objects are visually different from the lunar background because their underlying structure is different.

The paper provides evidence supporting the hypothesis that certain features in the crater Paracelsus C on the far side of the moon may be artificial in origin.

The idea that these “passageways” may lead underground on the Moon correlates with the idea that the Moon may in fact be hollow, or at least partially. [According to](#) MIT’s Sean C. Solomon:

“The Lunar Orbiter experiments vastly improved our knowledge of the Moon’s gravitational field...indicating the frightening possibility that the Moon might be hollow.”

This was as far back as 1974, and it’s been a common theme. It arises due to the fact that we know very little about the Moon and all of the other moons within our solar system. That being said, the majority of scientific evidence points towards a solid Moon, but that doesn’t mean artificially built compartments within it are not a possibility.

It’s easier to explain the non-existence for the Moon, than its existence – NASA scientist Robin Brett

The best explanation for the Moon is observational error – the Moon doesn’t exist – Irwin Shapiro, Harvard Astrophysicist

The paper concludes by stating:

“Based on the evidence presented in this paper we believe this area in Paracelsus C is one such candidate that is worthy of future study by orbital missions and surface rovers. Both of the features analyzed in this area are statistically different from the surrounding terrain.”

Mark J. Carolotto, one of the authors of this paper is an image scientist with almost 40 years of experience in

satellite remote sensing, image analysis, digital image processing, satellite imaging, remote sensing, and pattern recognition. He studied optics, signal, and image processing at Carnegie-Mellon University from 1972-1981 where he received his Ph.D. in electrical engineering, and he works within the aerospace industry. [Here](#) are some of the peer-reviewed papers he's authored and co-authored prior to this one.

On his YouTube channel, he provides some images from the paper in a video titled "Unusual Structures On The Far Side of The Moon."

Possible Structures On The Moon. Not A Novel Idea/Observation

Reports and hypotheses about artificial structures on the moon are quite common and have been a common theme for quite some time. During the early years of SETI, in 1963, Carl Sagan spoke about the possibility of extraterrestrial visitation, as pointed out by the study:

*It is not out of the question that artifacts of these visits still exist, or even that some kind of base is maintained (possibility automatically) within the solar system to provide continuity for successive expeditions. Because of weathering and the possibility of detection and interference by the inhabitants of the Earth, it would be preferable not to erect such a base on the Earth's surface. The Moon seems one reasonable alternative. **Forthcoming high resolution photographic reconnaissance of the Moon from space vehicles – particularly the back side – might bear these possibilities in mind.***

A number of books have been written over the years contemplating the subject. Amateur astronomer George Leonard's 1976 book, *Somebody Else is on the Moon* is one example. Fred Steckling's 1981 book, *We Discovered Alien Bases on The Moon* is another, and there are many more.

Fast forward to today and it's hard to find solid evidence for structures on the Moon, but there are some strange leaks and testimony from people with interesting backgrounds that do make one ponder. For example, [a classified document](#) published by Wikileaks clearly implies that the United States had a "secret" base on the Moon that was destroyed by Russia. The idea that this is or was reality is strengthened given the fact that the U.S. government had plans to build a base on the Moon. Perhaps they already did? The leak from Wikileaks is dated 1979, [a document](#) from the government's own publishing office from 1966 clearly shows one of the goals of the United States government was to build a base on the moon.

A [memorandum](#) that was addressed to the CIA director regarding "Military Thought (Top Secret)" by Lieutenant General Korenevskiy highlights this point even more. It also appears to be from the 1960s:

"Already, interest in the moon is not limited to a study of questions and a discussion of discovered potentialities. Specific projects are being worked out which propose the construction of various structures under the surface of the moon from the freight compartments of missiles, and also the employment of various versions of pneumatic structures. The U.S. Army Corps of Engineers and also various American companies ("Martin", "Aerospace", etc), are conducting a great deal of work in this direction.

Another [document](#) that compliments the Wikileaks one, also from the 1960s comes from the CIA keeping tabs on Soviet space plans, a portion of it reads as follows:

"The soviets have additionally stated their intention to establish a lunar base subsequent to manned lunar landing...If Society manned lunar landing is undertaken as a follow-on to extensive earth orbital operations and instrumented exploration of the moon, it is likely that they will enjoy

some advantage in the establishment of a lunar base...It is possible that a late lunar landing may be followed fairly rapidly by the establishment of a Soviet base on the moon."

The idea that humans may have built structures on the Moon, as well as perhaps intelligent extraterrestrials currently or in the past, is a hypothesis contemplated by many, so why do some people see it as ridiculous? This is a deeper question for later.

Rejecting Evidence Because It Conflicts With Our Beliefs

I thought it was interesting that the authors of the paper state the following:

A decidedly conservative mainstream scientific establishment often rejects anomalies based on subject matter alone, i.e., there cannot be alien artifacts on the moon because there are no alien artifacts on the moon (or other planets). Such a view is an example of circular reasoning, based on the belief that extraterrestrials do not exist, or if they do exist that they could not have traveled to our solar system.

How much do our beliefs and perceptions about our world limit and hinder our ability to discover and acknowledge ideas and results that may not "fit the frame?" How much do we limit our consciousness and perceptions about our world, who we truly are and what we are capable of as a result of our beliefs, and our determination to say "this is the way things are."

Cassandra Vieten, Ph.D. and President/CEO at the Institute of Noetic Sciences, which was founded by Apollo 14's Dr. Edgar Mitchell touches upon this point in her piece, "[When Skeptics Face The Evidence.](#)"

There seems to be a deep concern that the whole field will be tarnished by studying a phenomenon that is tainted by its association with superstition, spiritualism, and magic.

Protecting against this possibility sometimes seems more important than encouraging scientific exploration or protecting academic freedom. But this may be changing. The session I presented in was very well-attended, and I found that most people, while not exactly open-minded, were open-hearted, thoughtful, and willing to engage in respectful discussion about the topic.

Why This Is Important

The implications of any findings that suggest an extraterrestrial presence have enormous implications and would truly expand human consciousness to another level. The UFO/Extraterrestrial phenomenon and the proof for its existence go much further than what is provided in this article.

The way we perceive our world, technology, history, metaphysics, consciousness, and the very nature of reality would change in an instant if this were realized by the collective. Perhaps it would inspire us to question the way we live here on Earth and why we do what we do? Do civilizations who travel the stars have such difficulty implementing solutions on their planet? What type of consciousness do they operate from? Do they collaborate peacefully, or divide themselves by country and ethnicity?

If we had technology that allowed us to provide abundance for all, which many believe we do, could we enact these solutions given the fact that we are so divided? Are we currently stuck in a state with fear, chaos, greed, and egoic mindsets for us to even successfully implement solutions? Are solutions like highly advanced clean energy technology useless if the consciousness of the human race and the way we think doesn't change?

It's not solutions or technology that will change our planet, it's the place from within of those who operate these

technologies that will determine whether or not we are ready for such things – this is us.

Change starts within, and perhaps humanity needs a new way of thinking and way of seeing our world, as well as ourselves, in order to move forward. Too often we point our fingers and place the blame on others like the 'global elite,' without ever realizing that 'they,' are us too, and we're in this story together. We perpetuate our own human experience based on where we are at mentally and spiritually. It will be difficult to tackle the challenges we face today if we don't step out of ourselves and observe our planet and the way we live from an outside perspective. We may simply perpetuate our current human experience if we attempt to tackle our problems from the same level of consciousness that created these problems.