

Title: The first solar glass produced in Beirut

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BEY 015 has provided clear evidence for primary production of glass in Beirut in the first half of the first century CE.

In the 1950s, the first silicon - based solar cells were developed. However, these early solar cells were fragile and needed protection from the harsh environmental elements. This led to the ...

The first Persian glass comes in the form of beads dating to the late Bronze Age (1600 BCE), and was discovered during the explorations of Dinkhah Tepe in Iran by Charles Burney. Glass tubes were discovered by French archaeologists at Chogha Zanbil, belonging to the middle Elamite period. Mosaic glass cups have also been found at Tepe Hasanlu and Marlik Tepe in northern ...

The microprobe analysis of a series of glass vessels, mainly slumped bowls, from Beirut shows that throughout the first century B.C.E. and through to the middle of the first century C.E., ...

Just over 3km from the epicentre, at the Archaeological Museum at the American University of Beirut (Opens in new window) (AUB), a case displaying 74 glass vessels was destroyed, the ...

In 2020, a chemical explosion in Beirut caused 218 deaths and widespread destruction. It also shattered one of the world's richest collections of ancient glassware, ...

Shattered glass of Beirut: collaboration between the Archaeological Museum (American University of Beirut) and international partners following the ...

Pinpointing workshops in the ancient Near East where the very first glass production occurred remains a key goal in glass archaeology. Even if the current analysis doesn't lead ...

These glass vessels survived for more than 1,500 years before being shattered in the 2020 Beirut explosion.

Shattered glass of Beirut: collaboration between the Archaeological Museum (American University of Beirut) and international partners following the 2020 port explosion

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Around 1000 AD, an important technical breakthrough was made in Northern Europe when soda glass, produced from white pebbles and burnt vegetation was replaced by glass made from a ...

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