



▲ Fig.1 Aerial view of the Super Pit showing its close proximity to Kalgoorlie in the top left.



▲ Fig. 2 Geology of the Super Pit and surrounding area

The Kalgoorlie Super Pit – from rocks to riches

This StoryMap is the latest release in the series published by the Geological Survey of Western Australia.

It offers an in-depth exploration of the Fimiston Super Pit, with two related sub-Stories: 'The history of the Golden Mile' and 'How is gold mined?'

Gold has been treasured since ancient times, it was one of the first metals embraced by humanity.

The formation of the Kalgoorlie Super Pit gold mine's significant gold deposit is a tale of ancient igneous activity, the mammoth forces of nature, some hot chemistry, and the thrill of treasure seeking in the gold rush era.

Today it provides us with an enormous window into the Earth's geological history as one of the largest open pit gold mines in the world. It is one of the largest and highest producing gold mines in Australia and is currently about 3.5 km long, 1.5 km wide, and more than 600 m deep.

The StoryMap answers: Where did the gold come from? What is the history of the Super Pit? How has it impacted the surrounding area? How does it influence the Australian economy? What is mining tourism? and what is in store for the Super Pit's future?

This StoryMap also contains the addition of links to Australian Earth Science curriculum topics identified within the Story.

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Free (online): <https://storymaps.arcgis.com/stories/33cc69a41cbb458c8f0cf831577f5693>



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