



62°59' S, 60°34' W



Weddell Sea

Bransfield Strait

Antarctic Ocean

Deception is a ring-shaped island, about 13 km (8 mi) in diameter, enclosing a large harbour called Port Foster. It is the largest of three recent volcanic centres in the South Shetlands. Most of the island is covered by permanent glaciers, many of which are overlaid with volcanic ash. The caldera was formed about 10,000 years ago when a large scale explosive eruption caused the volcano's summit region to collapse thus forming Port Foster. The volcano has been particularly active over recent centuries. 20th century eruptions were restricted to two periods, the latest in 1967-70, altering many of the topographical features of the island. The island is still classified as a restless caldera with significant volcanic risk.



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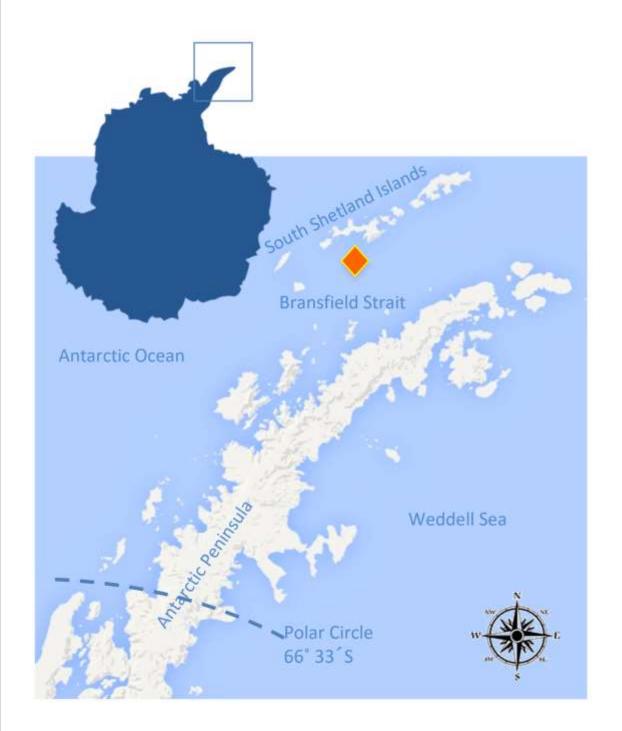
February 20, 2020: South Shetland Islands: Deception Island: Whalers Bay



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Whalers' Bay is the first bay inside Port Foster as you pass through Neptunes' Bellows at Deception Island. It was named by the French explorer Jean-Baptiste Charcot because of the whaling activities in this bay in the 1900's. The site has a flat, cinder beach which extends approximately 100 m (330 ft) inland before meeting the steep caldera wall. The buildings include the remains of the Norwegian Aktiese Iskabet Hektor whaling station and a British Antarctic Survey base which was evacuated in 1967 during an eruption.



February 20, 2020: South Shetland Islands: Deception Island: Whalers Bay: This is an active volcanic fumarole. You can see the sulfurous steam rising all along the edge of the water. In places the water is hot enough to scald you.



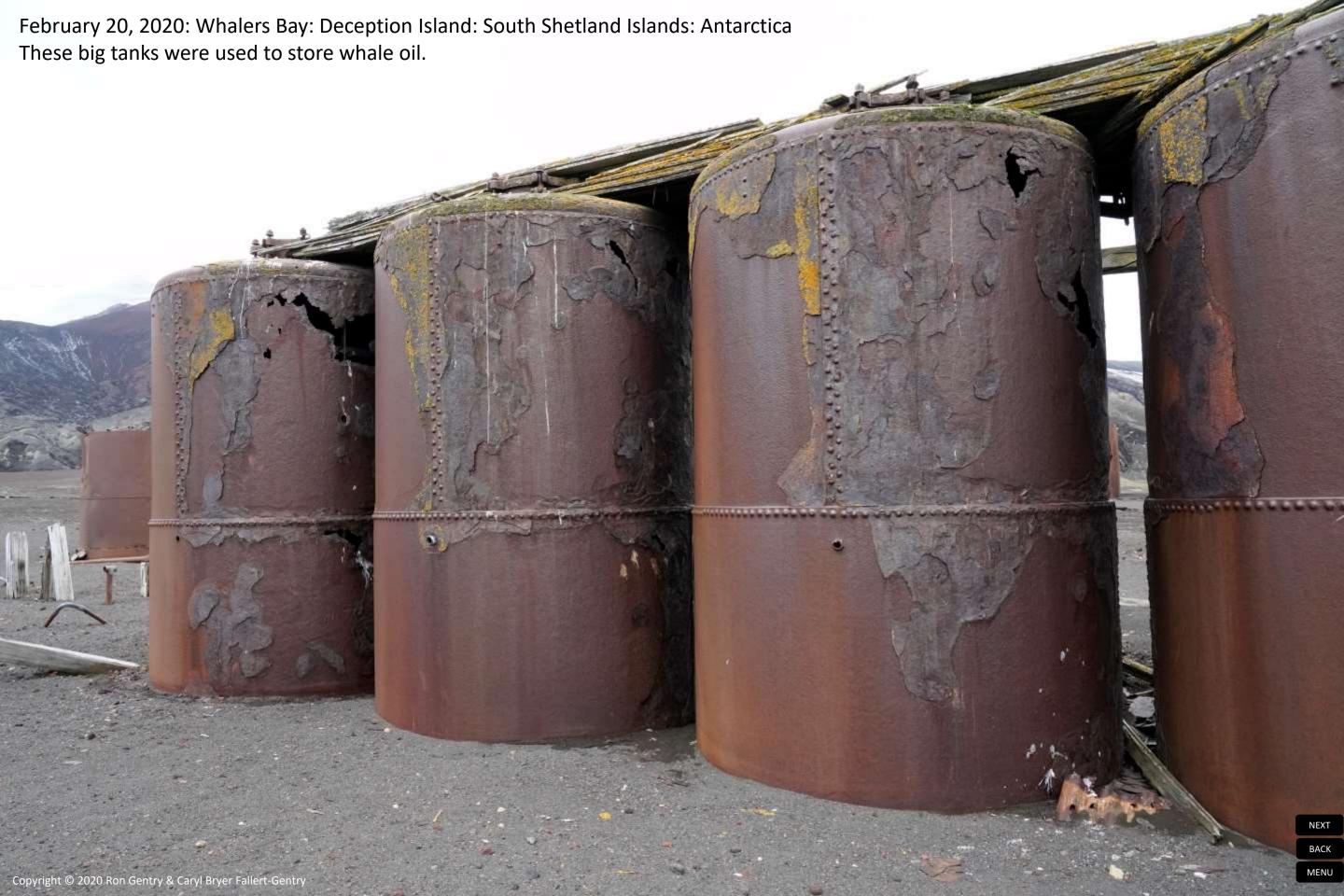
The whaling station was used to produce whale oil from 1912-1931 and then abandoned, leaving behind steel tanks and furnaces that corroded from the salt spray and the sulfurous steam rising from the water's edge. They were further damaged by a volcanic eruption and resulting mud slide in 1969.





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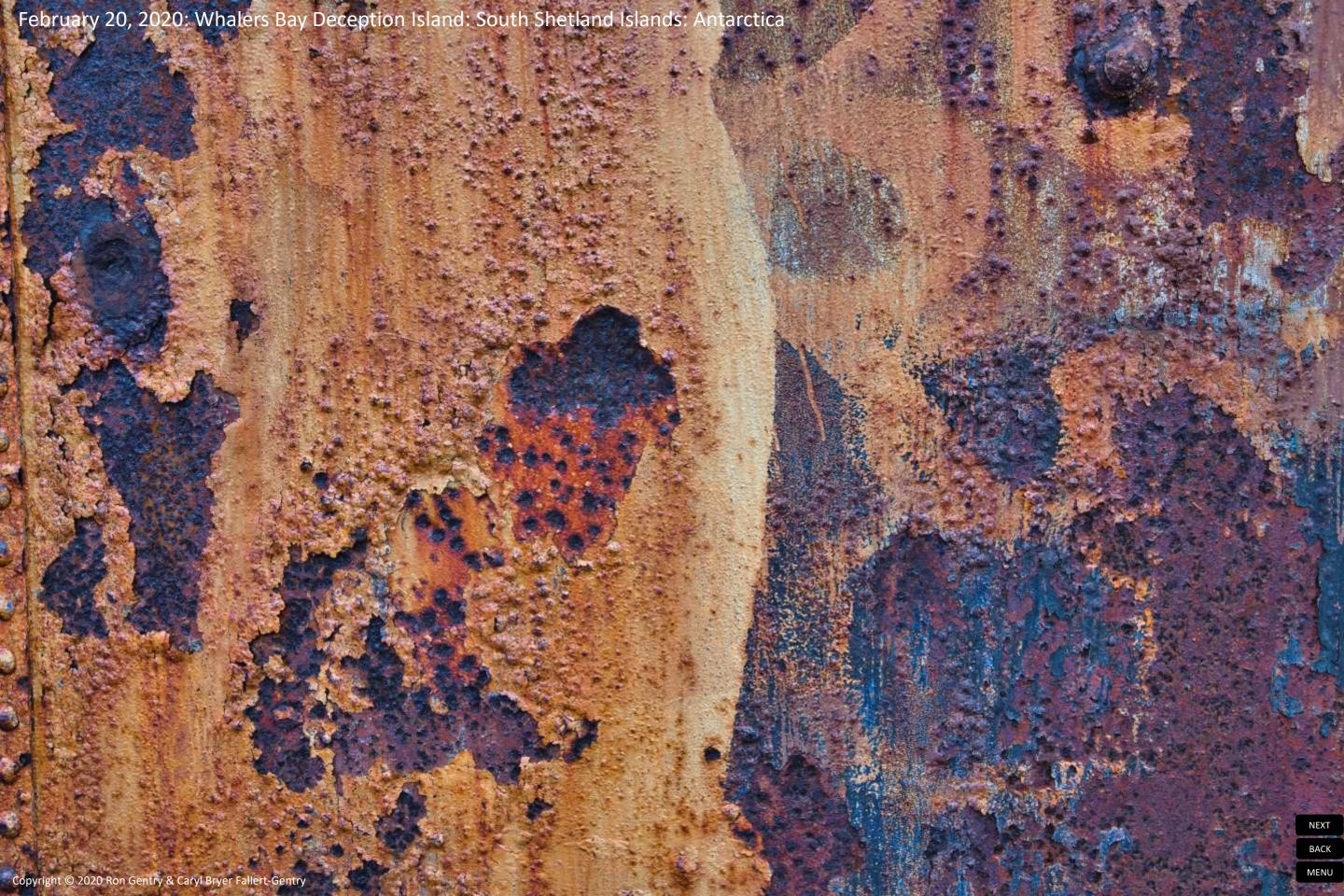


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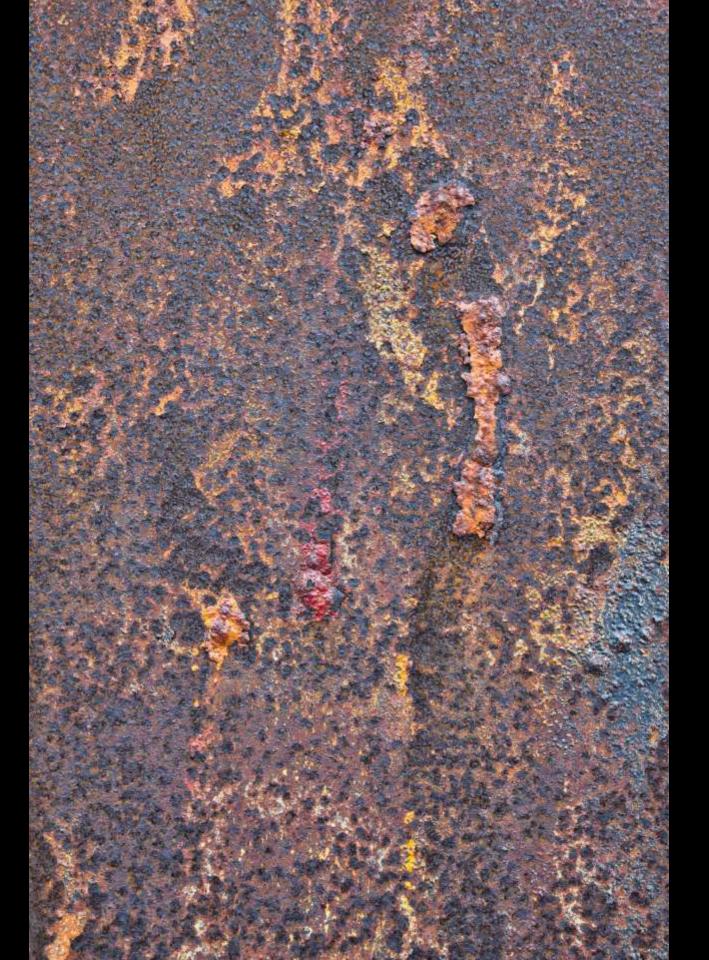
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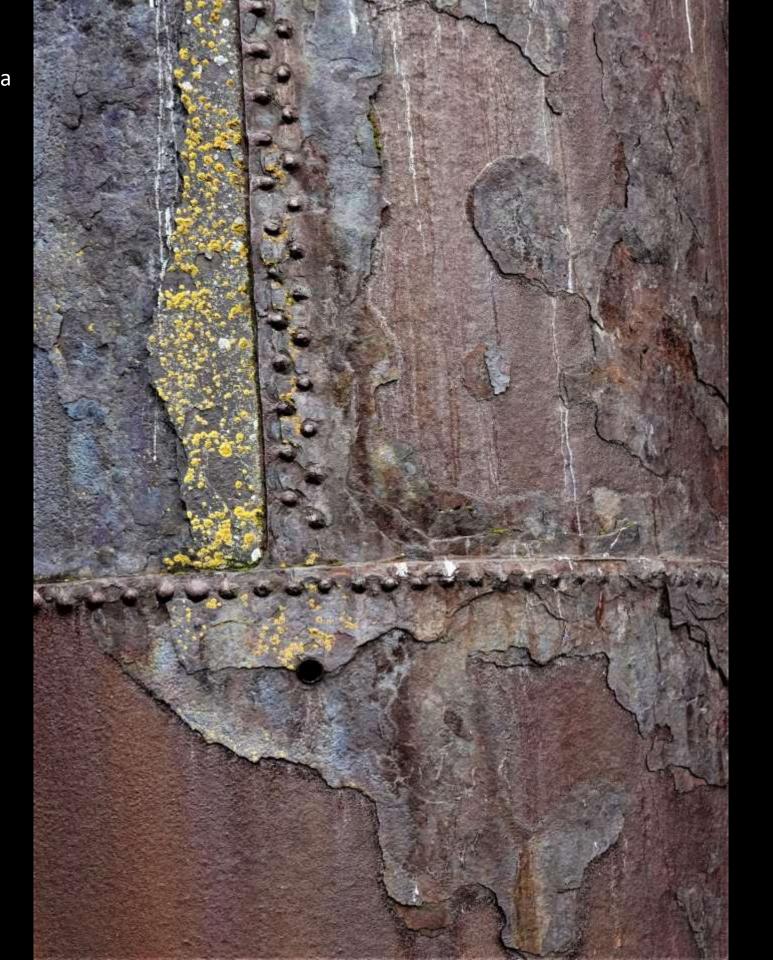
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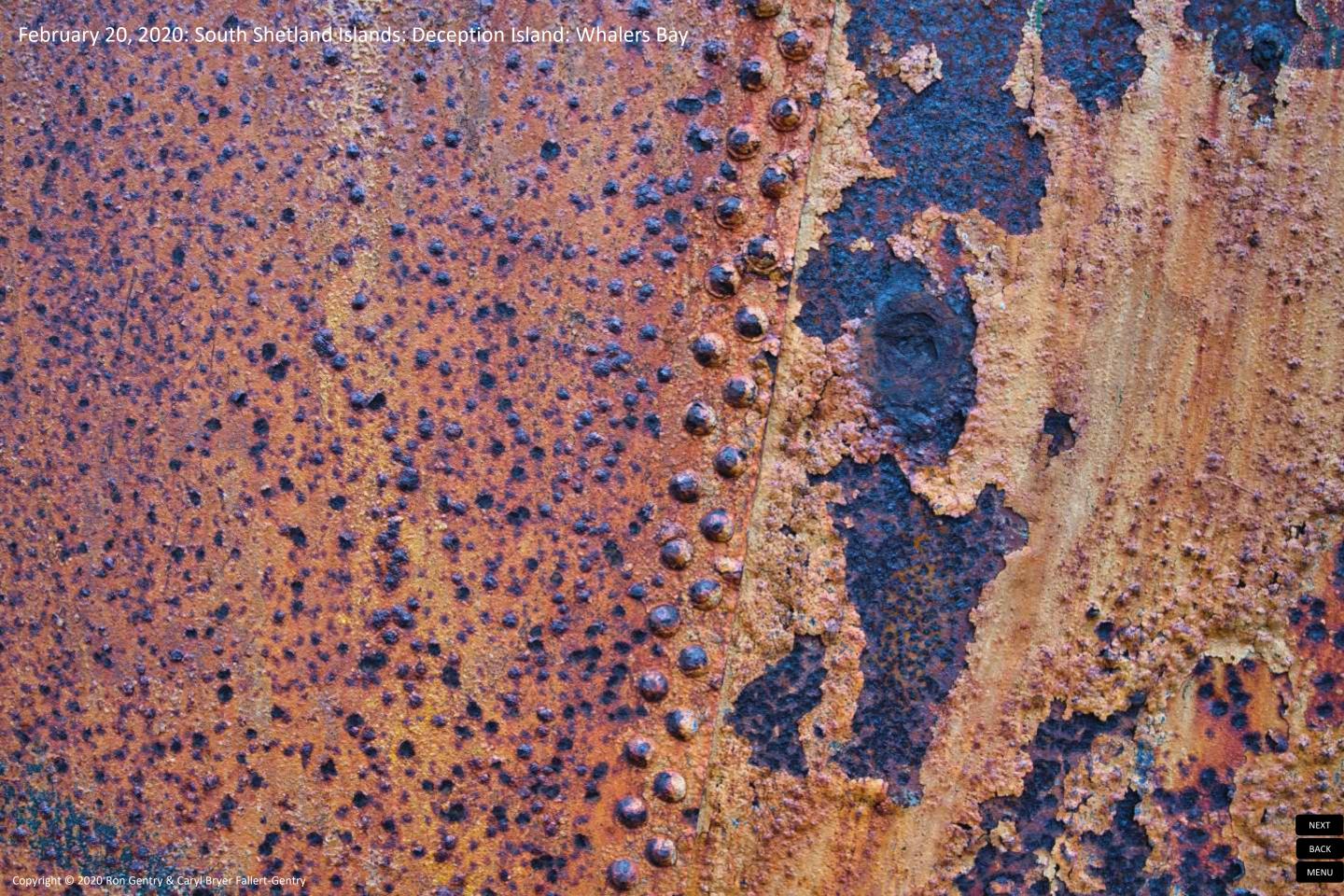
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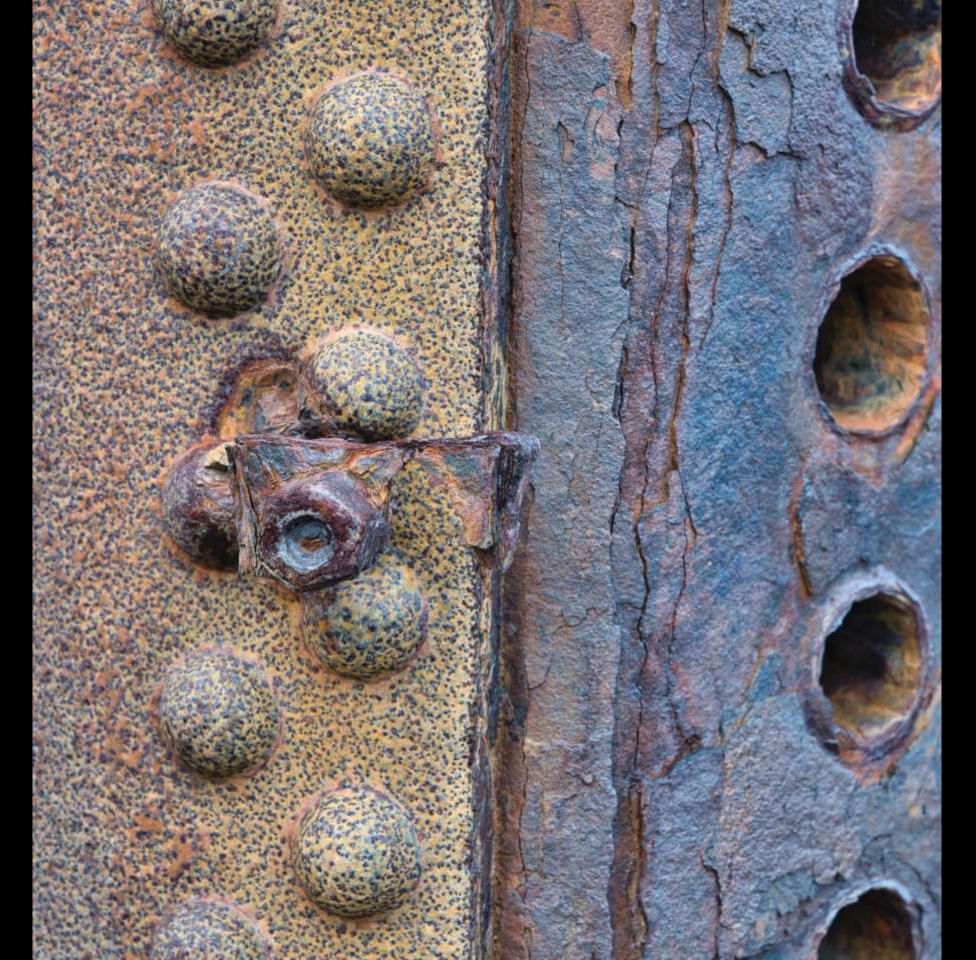


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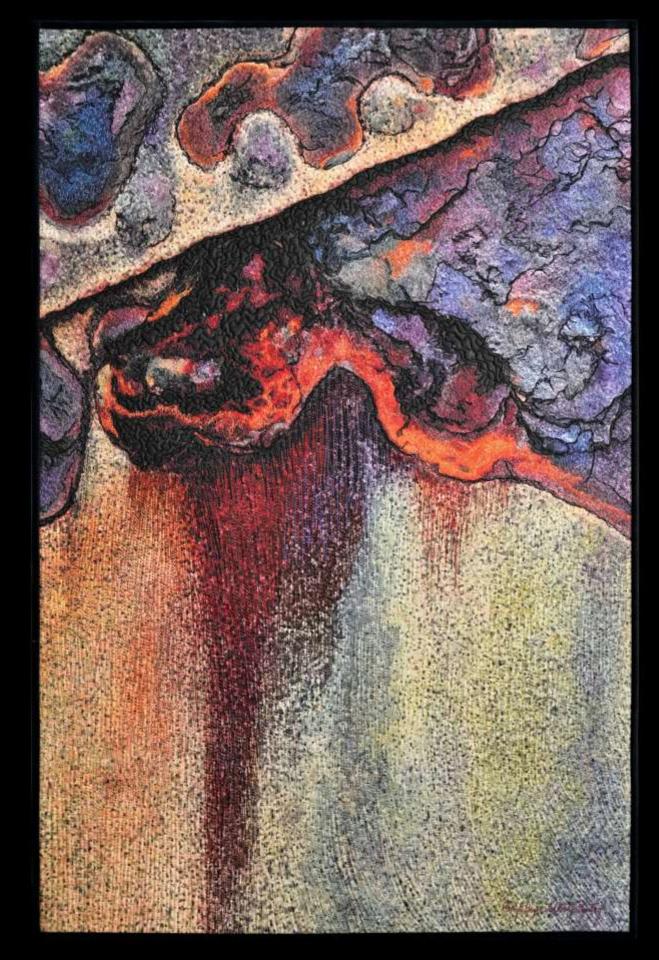




Quilt based on the previous photograph

Deception Decomposition #1 Caryl's first art quilt inspired by her photographs of the rusty tanks on deception island.

To see details and information about how this quilt was made, <a href="CLICK HERE">CLICK HERE</a>.



## **Deception Decomposition**

23" x 35"
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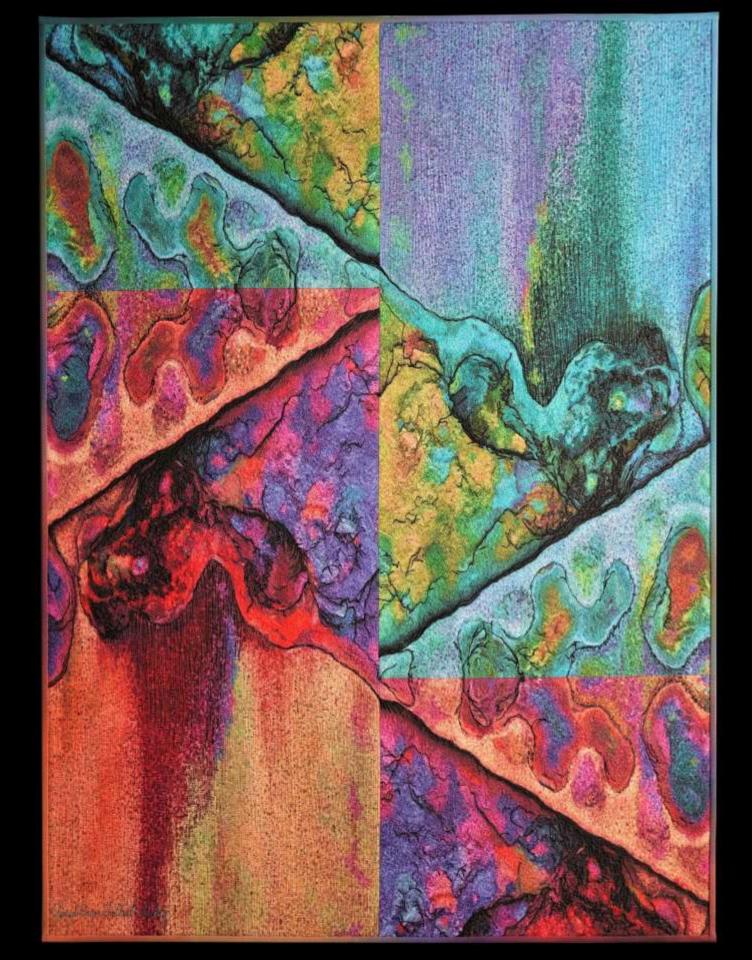
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Deception Decomposition #2 Caryl's second art quilt inspired by her photographs of the rusty tanks on deception island.

To see details and information about how it was made, <a href="CLICK HERE">CLICK HERE</a>.



## Deception Decomposition #2

29.5" x 40.5"

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Thanks for joining us on our little trip through rust city.

For the rest of our Antarctic adventure, <u>CLICK HERE</u>.

If you want to see more slide shows of our other adventures, <u>CLICK</u> <u>HERE</u> for Caryl's NEWS page.

If you would like to see more of Ron's photography, <u>CLICK HERE</u>.

