



MONUMENT SETTING

It is in this spectacular setting that the concrete monuments were placed.

The workforce took lots of pride in their achievements.

The project was completed without any lost time injury (LTI). SCC cherish that result.



VERIFICATION AND CHECKING

Verifying and checking the final survey, the position of the copper stud position was vital to stay within the tolerances specified.

These studs were embedded in the concrete fulcrum.



HELICOPTER

Workers wait for the helicopter to bring them down from this acute ridge.

In many instances, the weather conditions changed rapidly and did not permit the helicopter to hover and pick them up.

They had to wait for hours in some cases.

MONUMENT

A border monument carrying stainless steel indicator plates demonstrates the borderline and shows on which side each territory is.



OMAN - UAE BORDER DEMARCATION

We have been commissioned by both Oman and the UAE governments to demarcate and install permanent monuments along the border between the two countries.

Sarooj did value engineering and changed the monuments' design from cast in-situ monuments to pre-cast units that would be grouted together with epoxy material.

This proved salutary for saving time, ensuring high quality, and improving safety.

Units would be cast in a yard, transported by land to the vicinity of the borderline and then lifted and installed by helicopter.

Sarooj entrusted Fugro to produce the required maps of the corridor along the border.

Wherever possible, roads were built to provide permanent access to locations.

In plain and inhabited areas, a stainless steel guard rail was provided to protect the monument.

On the sand dunes, larger foundations were needed and were cast in-situ.

As-built drawings and maps covering the border corridor were delivered to the client both in electronic and hard copies.

This project supervised by teams from the UAE and Oman, opened many doors for Sarooj to operate in the Emirates.

BULLDOZER

Wherever possible and reachable, bulldozers (CAT D8R) were used to provide a permanent access and a small working area around the monuments.

However, servicing these machines in such places was a real challenge and limited their production.

