

PLAN A PLAN B PLAN C

By the 8th October, Plan A drill had reached 598m (85%) but it hadn't started widening it's shaft. Plan B drill reached the trapped miners on the 9th October at 08:05 CLDT after a 10-hour stoppage to change the drill-bit. Plan C, the only machine on site which could drill a shaft wide enough immediately only reached 372m(62%).

PHOENIX TO THE RESCUE

372m

0m

Metres deep

Communication
system

LED lights on the roof

Rubber wheels at as shock absorbers

420kg

Wire mesh

Safety Hamess measuring:

Temperature

Pulse

Breathing

Breathable fabrics to help prevent

sweating

they built the escape capsule which brought the 33 chilean miners to saftey. It was named 'Phoneix' after the mythic bird that rose from the ashes. The diameter of the Phoneix capsule was around 66cm, where the escape shaft was only 71cm wide. If something was to go wrong, the top bit was able to vome off aswell as the bootm part if the miners kicked out the bottom and headed back to the mine. Although it was successful in bringing the miners to safety, reuniting with their family and friends.

BACK TO NORMALITY

The miners had to go under a medical investigation, sent to a field hospital need the mine and once the condition of the

miners was stabilised they were transferred to a medical centre in the Copiapó region.

66cm

Chilean engineers with the assistance of the US Space Programme



"You have to have faith," Galleguillos said. "You can never lose your faith. Faith is nourishment ... Faith is life."

SOURCES

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