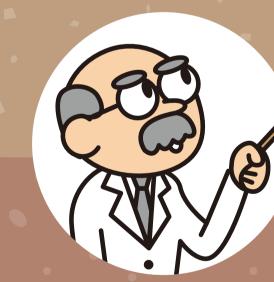
house operates

drilling equipment.

Coring takes sediment or rock samples by drilling and returning them to Chikyu. Standard core samples are 9.5 m long, and they are moved from the rig floor to the core cutting are, where they are cut into 1.5 m sections for analysis.





The design here prevents the drilled core from falling out of the bottom of the drill bit.

Run core bit down to where coring is planned to begin. floor, down

Drop the inner core barrel from the rig through the center of the drill pipe.

How core samples are collected

drillers house

operates wireline.

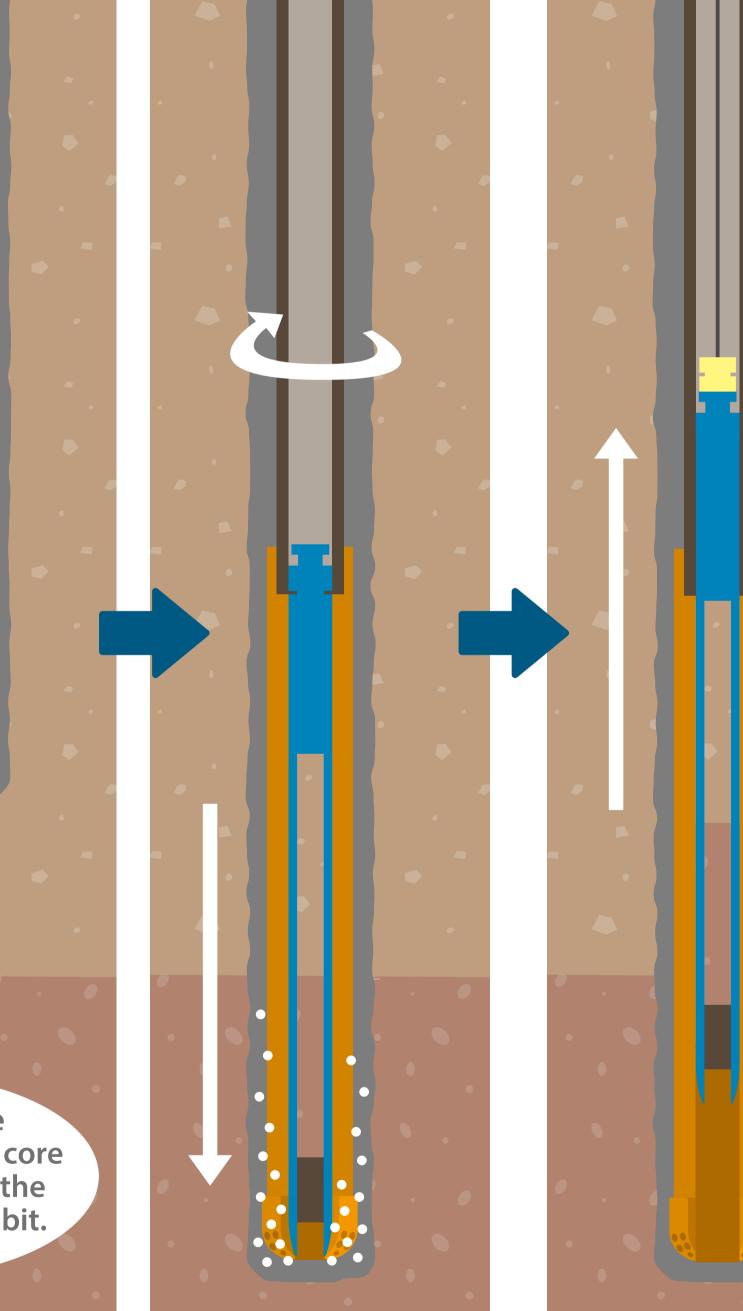
Core samples

are returned to

Chikyu through

the drill pipe.

1 Taking cores



As the coring bit advances, core samples are collected into the coring barrel.

The coring barrel with the core samples are returned to Chikyu by wireline.



