

# OSIL Supplies Modular Multiple Corer for Papua New Guinea Project



International seabed sampling specialist Ocean Scientific International (OSIL) has shipped a uniquely modified version of the industry-standard multiple corer to Australia for use in a project in a remote location of Papua New Guinea.

The corer has been converted into a modular design to allow it to be transported by helicopter. The frame can easily be broken down into 2 stackable pieces that allows the overall shipping height of the corer to be greatly reduced, and enables quick reassembly of the system ready for deployment.

The hydrostatically damped multi corer is constructed from stainless steel and features detachable core assemblies, which enables the core tubes (or if necessary the entire core

tube assembly) to be removed from the corer for analysis or storage. The core tubes are sealed top and bottom once the sample has been taken, allowing rapid retrieval of the corer without jeopardizing sample integrity.

## Seabed sediment samples

The corer will be used to provide seabed sediment samples for benthic fauna and geochemical analysis, as part of an environmental monitoring program for a mining project. The OSIL corers are capable of collecting up to 12 samples simultaneously, which include a high-quality undisturbed sediment sample and the overlying supernatant water, making them ideal candidates for use in environmental assessments.

The corers are available in a 600mm or 800mm length core tube specification. Delivery times for the corers and spares are low, meaning last minute cruises can be catered for and systems can be kept in constant use for many years.

OSIL have an abundance of global experience in the construction and operation of a wide range of sediment coring equipment. OSIL also offer a full design, build and implementation service for all of their heavy offshore equipment.

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