

Core cutting area

Core recovery

Core catcher

PAL sampling

To shore

Cut into sections

Sampling for headspace gas

Core processing deck

X-ray CT &
WR identification
by watch dog

GC-FID (HC)

Time sensitive
WR sampling

MSCL-W
(Every 4 cm: GRA, MS, PWV, NCR;
Every 16 cm: NGR)

WR sampling

Thermal conductivity
(HPCS/ESCS)

Split

Archive half

MSCL-Image

VCD (Lithology)

SRM (HPCS/ESCS)

Working half

Watch dog check

Ship sampling

Thermal conductivity
(RCB)

VCD (structure)

Personal sampling

Storage

Lab street deck

IW squeezing

IW sample distribution

Refractometer
(salinity index)
Titrator (pmH/Alk)
DA (nutrients)
Titrator (chlorinity)
IC (anions)

Acidify

IC (major elements)
ICP-OES (minor elements)
ICP-MS (trace elements)

Drying and grinding

XRF

XRD

CA

EA

Thin section
SEM

MAD
PWD
IMP

P-mag