

Soft rock physical properties standard workflow

Whole round

X-ray (XMSL)

GRA density,
magnetic susceptibility,
P-wave velocity (WRMSL)

Gamma (NGR)

Thermal conductivity (if
soft: probe)

Half round

Thermal conductivity
(contact probe if hard)

X-ray scanning on
request/key features

P-wave measurements
(SHMG), 1 per
core X and also Z if soft

Discrete

MAD samples, bulk
density, matrix density,
porosity

1 per section, reducing to
1 per core for
homogenous sequences



Soft sediment

Hard rock physical properties standard workflow

Whole round

X-ray (XMSL)

GRA density,
and magnetic susceptibility
(WRMSL)

Gamma (NGR)

Mini-core sampling after
360° photographs

Half round

Thermal conductivity
(contact probe)

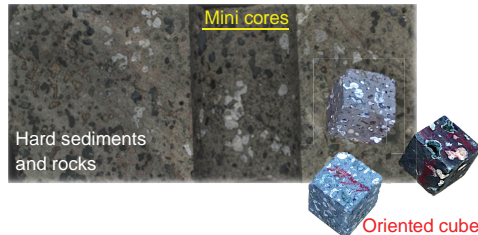
X-ray scanning on request/
key features

SHMG PWC on
half round pieces (without
liner), several per section

Discrete

Standard MAD samples (1
per section, shared with
PMAG)

X, Y, Z PWC
measurements on shared
PMAG and MAG cubes (wet
and dry)



Hard sediments
and rocks

Mini cores

Oriented cubes