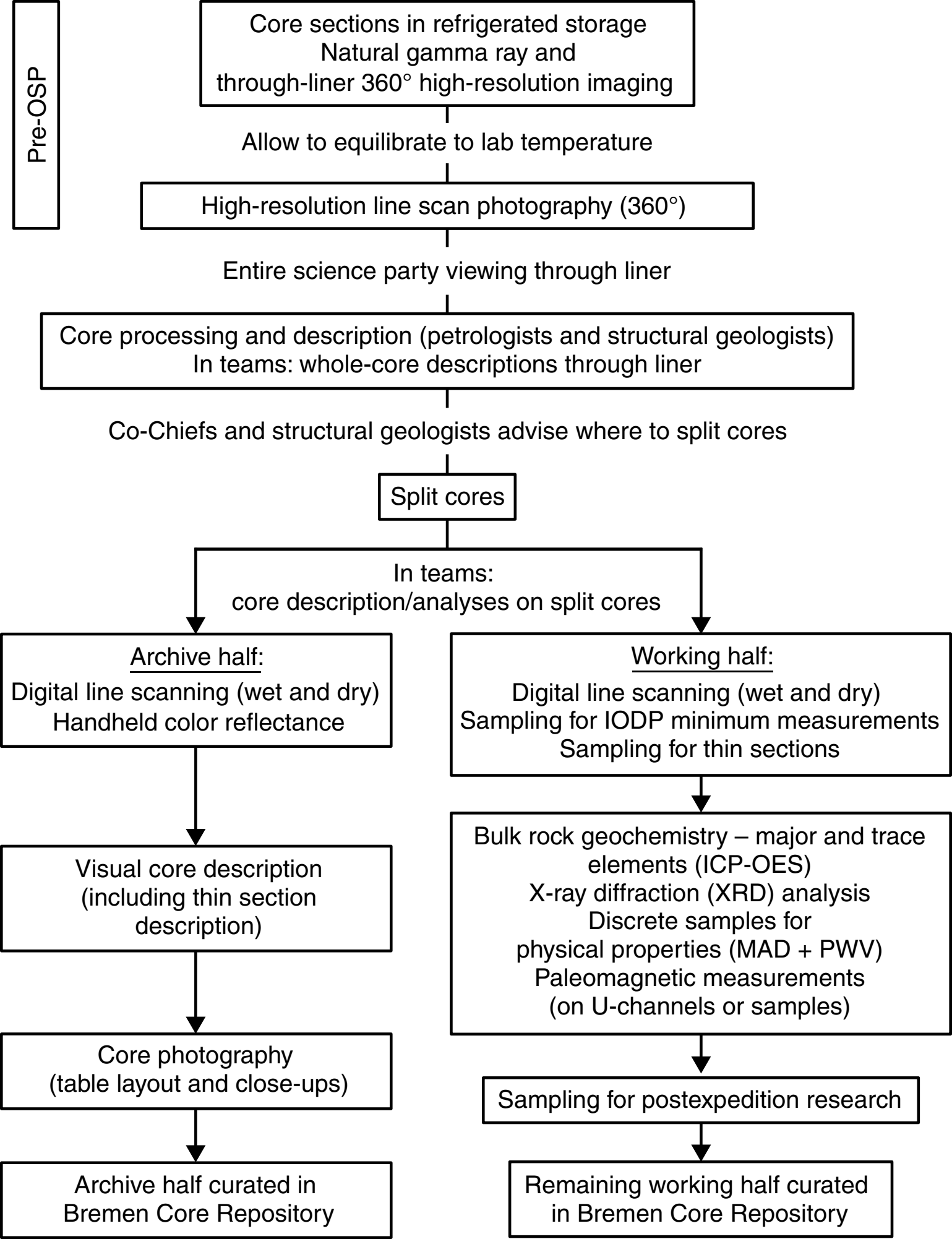
Pre-OSP
Core sections in refrigerated storage
Natural gamma ray and
through-liner 360° high-resolution imaging
Allow to equilibrate to lab temperature
High-resolution line scan photography (360°)
Entire science party viewing through liner
Core processing and description (petrologists and structural geologists)
In teams: whole-core descriptions through liner
Co-Chiefs and structural geologists advise where to split cores
Split cores
In teams:
core description/analyses on split cores
Archive half:
Digital line scanning (wet and dry)
Handheld color reflectance
Working half:
Digital line scanning (wet and dry)
Sampling for IODP minimum measurements
Sampling for thin sections
Visual core description
(including thin section
description)
Bulk rock geochemistry – major and trace
elements (ICP-OES)
X-ray diffraction (XRD) analysis
Discrete samples for
physical properties (MAD + PWV)
Paleomagnetic measurements
(on U-channels or samples)
Core photography
(table layout and close-ups)
Sampling for postexpedition research
Archive half curated in
Bremen Core Repository
Remaining working half curated
in Bremen Core Repository