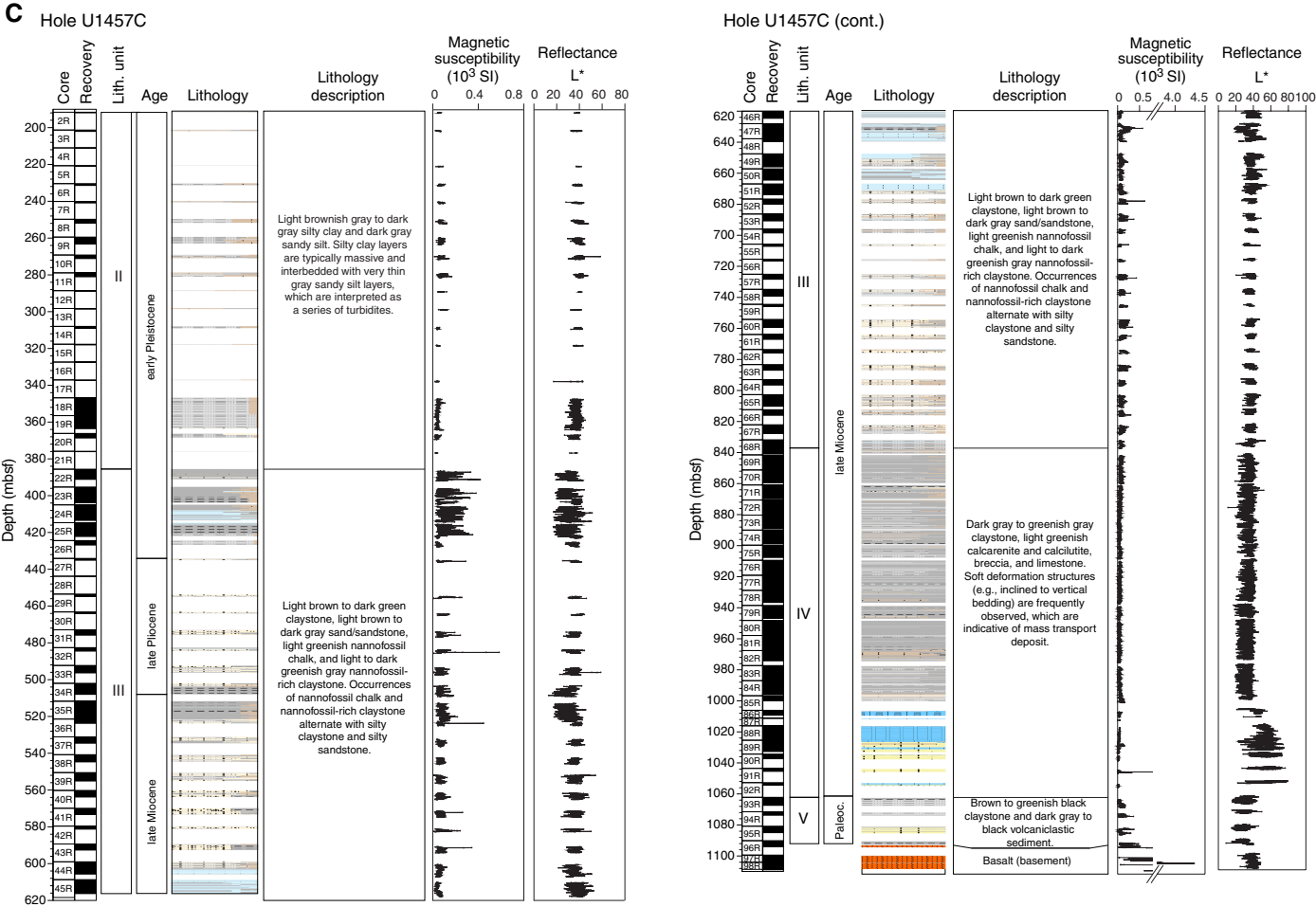
C
Hole U1457C
Core
Recovery
Lith. unit
Age
Lithology
Lithology description
Magnetic susceptibility (10^3 SI)
Reflectance L*
Depth (mbsf)
II
III
early Pleistocene
late Pliocene
late Miocene
Light brownish gray to dark gray silty clay and dark gray sandy silt. Silty clay layers are typically massive and interbedded with very thin gray sandy silt layers, which are interpreted as a series of turbidites.
Light brown to dark green claystone, light brown to dark gray sand/sandstone, light greenish nannofossil chalk, and light to dark greenish gray nannofossil-rich claystone. Occurrences of nannofossil chalk and nannofossil-rich claystone alternate with silty claystone and silty sandstone.
Hole U1457C (cont.)
III
IV
V
late Miocene
Paleoc.
Light brown to dark green claystone, light brown to dark gray sand/sandstone, light greenish nannofossil chalk, and light to dark greenish gray nannofossil-rich claystone. Occurrences of nannofossil chalk and nannofossil-rich claystone alternate with silty claystone and silty sandstone.
Dark gray to greenish gray claystone, light greenish calcarenite and calcilutite, breccia, and limestone. Soft deformation structures (e.g., inclined to vertical bedding) are frequently observed, which are indicative of mass transport deposit.
Brown to greenish black claystone and dark gray to black volcaniclastic sediment.
Basalt (basement)