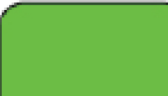








¹A. Semenzato, ¹M. Massironi, ²V. Galluzzi, ³D. Rothery, ³D. Pegg, ⁴S. Ferrari, ¹R. Pozzobon






¹Dipartimento di Geoscienze, Università di Padova, Italy;
²INAF, Istituto di Astrofisica e Planetologia Spaziali, Rome, Italy;
³Department of Physical Sciences, The Open University, Milton Keynes, UK;
⁴CISAS, Università di Padova, Italy.

Morpho-stratigraphic Map of the Rembrandt basin, Mercury



Morpho-stratigraphic Units

-  Proximal ejecta
-  Hummocky material
-  Striped-ejecta deposits
-  Interior smooth plains
-  Exterior smooth plains
-  Exterior intermediate smooth plains
-  Intercrater plains



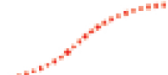
Crater Materials

-  Smooth crater floor
-  Hummocky crater floor
-  Crater material - well preserved
-  Crater material - degraded
-  Crater material - heavily degraded

Geologic Contacts

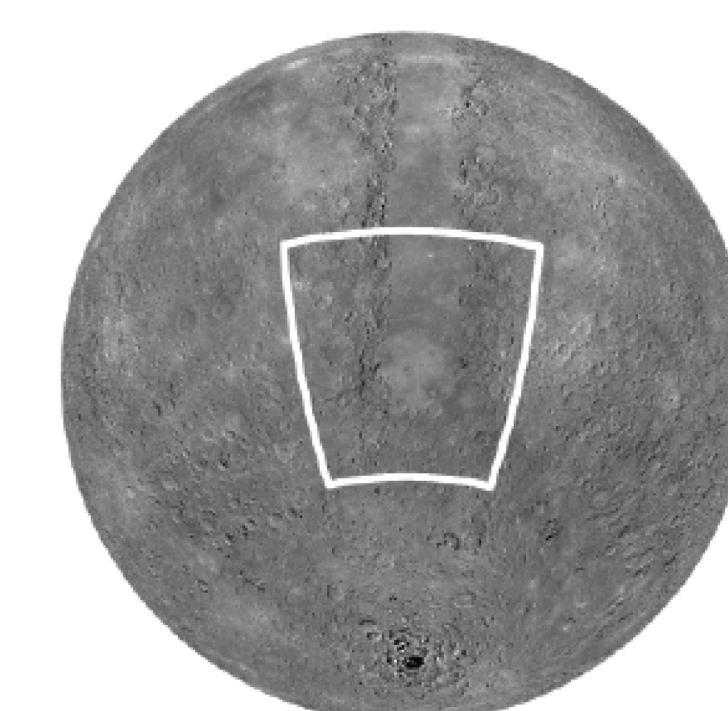
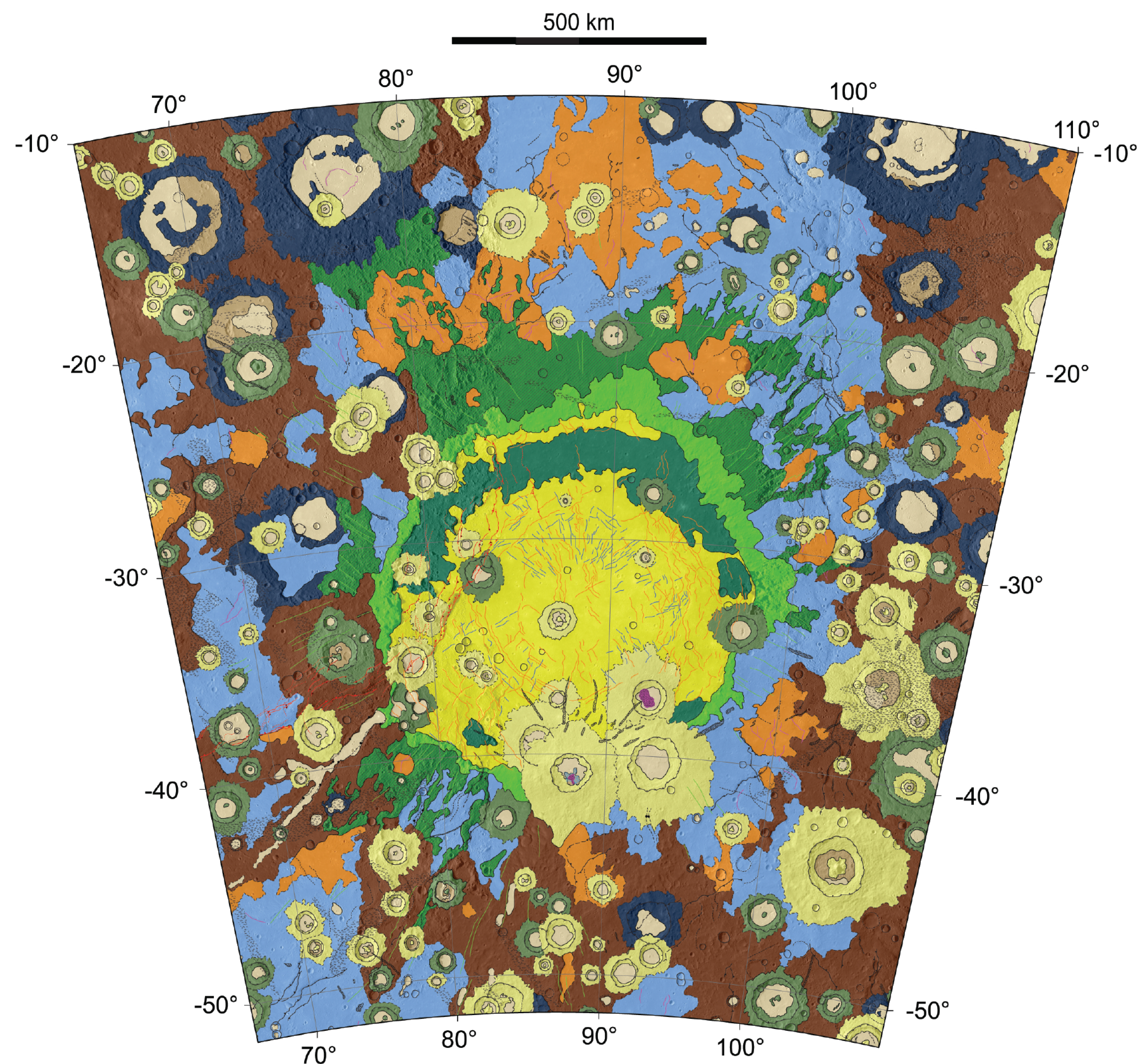
-  Contact, certain
-  Contact, approximate

Enterprise Rupes tectonics










-  Thrust
-  Backthrust
-  Secondary thrust feature

Rembrandt basin tectonics





-  Extensional feature
-  Contractional feature



Linear Features

-  Crest of crater rim (diam. >20km)
-  Crest of small crater rim (diam. >10km)
-  Crest of subdued or buried crater
-  Thrust - certain
-  Thrust - uncertain
-  Wrinkle ridges
-  Striped basin-related features
-  Graben - uncertain
-  Uncertain structure

Surface features

-  Hollow cluster
-  Secondary crater chain/cluster
-  Light-coloured ejecta/bright deposit
-  Pyroclastic deposit