

NOTES ON BASE MAPS... This map sheet is one of a series covering that part of the surface of Mercury... NOMECLATURE... All names on this sheet are approved by the International Astronomical Union (IAU), 1975.

REFERENCES... Berman, R. M., 1976, Catastrophic products from the Moon... Berman, R. M., 1976, Catastrophic products from the Moon... Berman, R. M., 1976, Catastrophic products from the Moon...

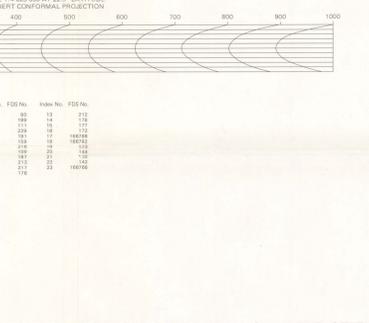
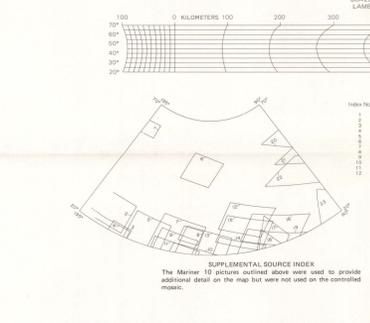
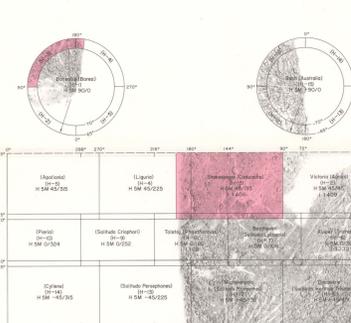
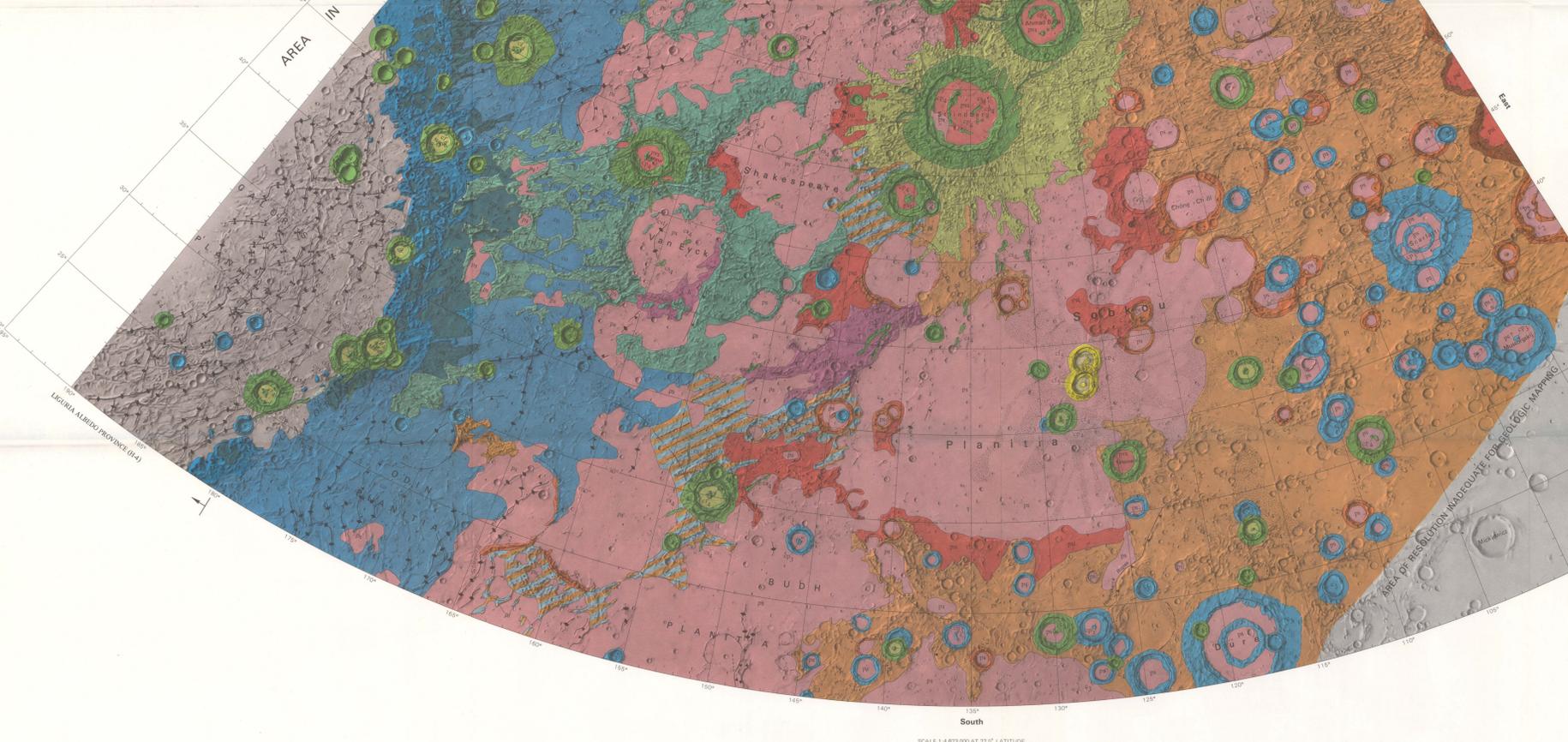
CONTROL... Photometric control for the photogrammetric interpretation using Mariner 10 pictures... CORRELATION OF MAP UNITS... PLAINS MATERIALS... CRATER MATERIALS...

DESCRIPTION OF MAP UNITS... VERY SMOOTH PLAINS MATERIAL... SMOOTH PLAINS MATERIAL... INTERMEDIATE PLAINS MATERIAL... LIMATED PLAINS MATERIAL... INTERCRATER PLAINS MATERIAL... CALORUS FLOOR PLAINS MATERIAL... HILLY PLAINS MATERIAL... BASH MATERIALS... CALORUS GROUP... CRATER MATERIALS... CRATER MATERIALS... CRATER MATERIALS...

INTRODUCTION... The only spacecraft images of Mercury are those taken by the Mariner 10 spacecraft... REGIONAL SETTING... The dominant feature in the Shakespeare quadrangle is the Caloris Basin, 1300 km in diameter... STRATIGRAPHY... The oldest recognizable map in the Shakespeare quadrangle is the intercrater plains material (unit 0).

CRATER MATERIALS... The craters on Mercury show a wide range of sizes... POST-CALORUS MATERIALS... The plains material (unit 0) that forms the floor of the Caloris Basin has not been included in the Caloris Group and is mapped separately from the smooth plains.

INDEX TO MARINER 10 PICTURES... The Mariner 10 pictures outlined above were used to provide additional detail on the map... INDEX TO MARINER 10 PICTURES... The mosaic used to control the positions of features on this map was made with the Mariner 10 pictures outlined above.



GEOLOGIC MAP OF THE SHAKESPERE QUADRANGLE OF MERCURY

By J.E. Guest and Ronald Greeley 1963

ARRANGEMENT OF MAP SHEETS ON MERCURY... The present map is a composite of 10 sheets...

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