

NOTES ON BASE

This map sheet is one of a series covering that part of the Victoria quadrangle of Mercury that was illuminated during the Mariner 10 encounter (Davies and Baines, 1973). The source of map data was the Mariner 10 television experiment (Davies, 1973).

ADOPTED FIGURE

The map projection are based on a sphere with radius of 2439 km.

PROJECTION

The Lambert conformal conic projection is used for this sheet with a scale of 1:4,623,000 at 22.5° latitude. Latitudes are based on the assumption that the spin axis of Mercury is perpendicular to the plane of the orbit. Longitudes are positive westward in accordance with the usage of the International Astronomical Union (IAU, 1971). Meridians are numbered as if a reference center named Flan Kall (lat 0° S) is centered on long 20° (Davies and others, 1974; Davies and Baines, 1973).

CONTROL

Planimetric control is provided by photogrammetric triangulation using Mariner 10 pictures (Davies and Baines, 1973). Discrepancies between images in the same mosaic and compared control point positions appear to be less than 2 km, except for the area in the northwest corner of the quadrangle. Pictures of this area are so foreshortened that accurate map transformations were not possible. Since the base mosaic was controlled by a later iteration of this sheet and the Kuiper (H-3) sheet to the south, these discrepancies were adjusted, so that features in the zone of overlap on this sheet appear at different latitudes and longitudes than they do on the Kuiper quadrangle.

MAPPING TECHNIQUES

Mapping techniques are similar to those described by Bates (1974, 1978). A mosaic was made with pictures that had been digitally transformed to the Lambert conformal conic projection. Shaded relief was copied from the mosaic and portrayed with uniform illumination with the sun to the west. The Mariner 10 pictures besides those in this mosaic were examined to improve the portrayal. The shading is not generalized and may be interpreted with nearly photographic reliability (Inge, 1972; Inge and Bridges, 1975).

NO MENCLATURE

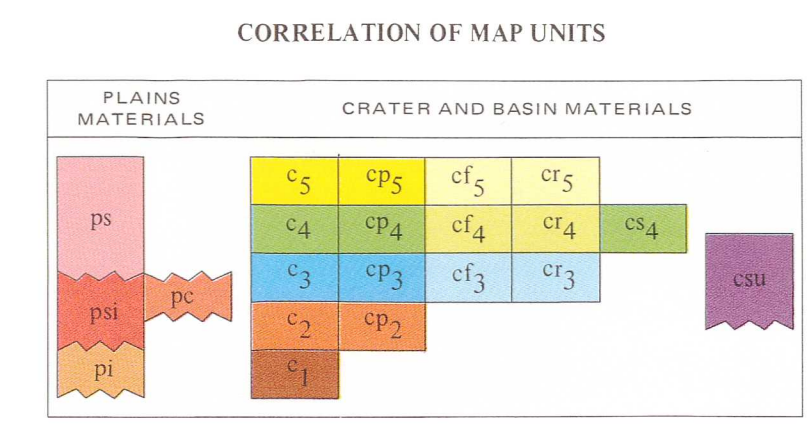
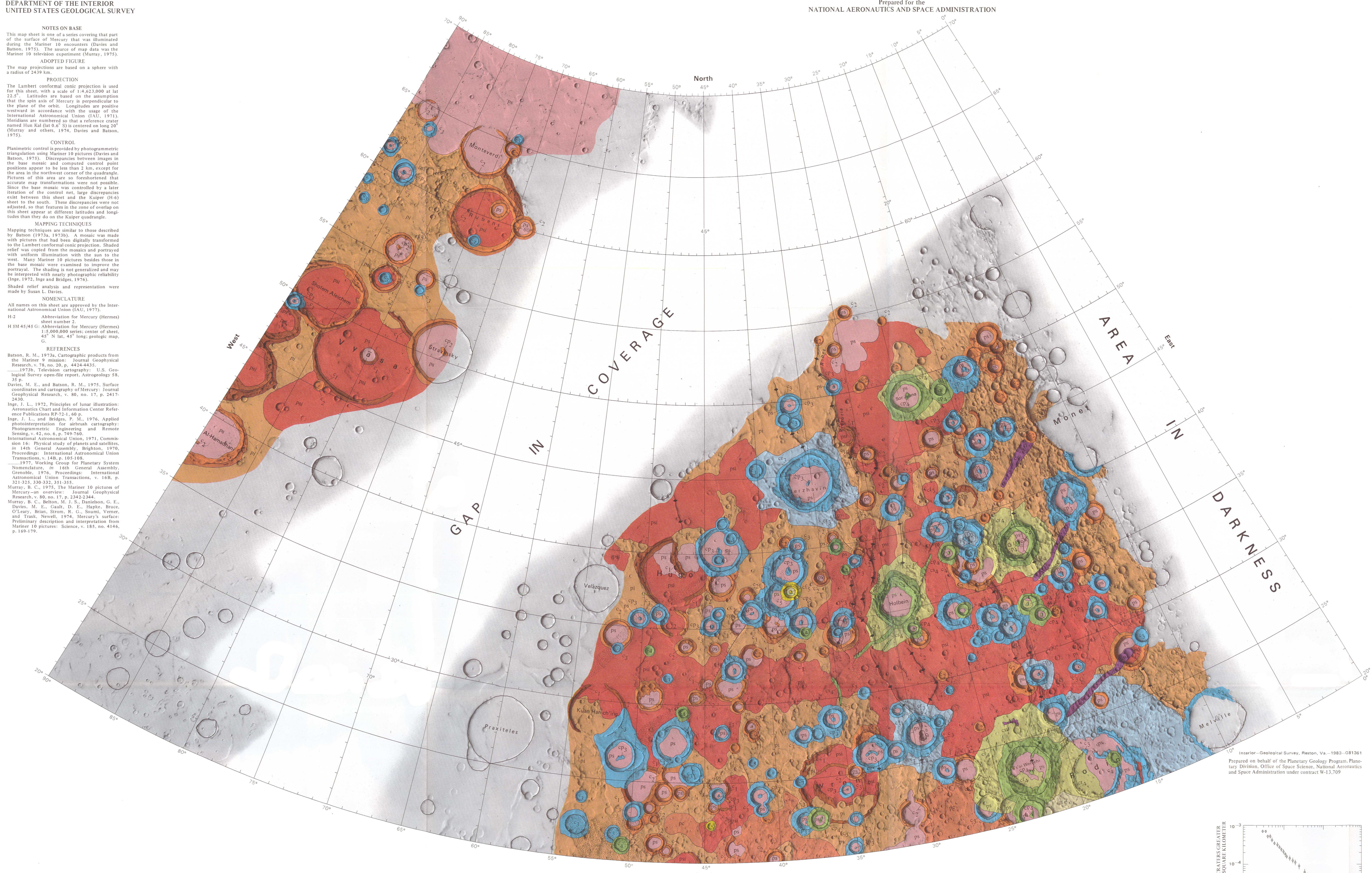
All names on this sheet are approved by the International Astronomical Union (IAU, 1977).

H-2

Abbreviation for Mercury (Hermes) sheet number 2.
H 5M 45 45 G: Abbreviation for Mercury (Hermes) 1:5,000,000 series center of sheet, 45° N lat., 45° long. prologic map, G.

REFERENCES

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Dane, M. C., and Baines, R. M., 1975. Station coordinates and cartography of Mercury. *Journal Geophysical Research*, v. 80, no. 17, p. 2437-2438.
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Inge, J. L., and Bridges, P. M., 1976. Applied photogrammetry for planetary cartography: Photogrammetric Engineering and Remote Sensing, v. 42, no. 6, p. 149-160.
International Astronomical Union, 1971. Commission 16. Physical study of planets and satellites. 14th General Assembly, Brighton, 1970. Proceedings, International Astronomical Union Transactions, v. 148, p. 105-108.
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Murray, B. C., 1975. The Mariner 10 pictures of Mercury. *Journal Geophysical Research*, v. 80, no. 17, p. 2432-2444.
Murray, B. C., Baines, R. M., Davidson, G. E., Dane, M. C., and Baines, R. M., 1975. Station coordinates and cartography of Mercury. *Journal Geophysical Research*, v. 80, no. 17, p. 2437-2438.
Preliminary description and interpretation from Mariner 10 pictures. *Science*, v. 185, no. 4146, p. 169-170.



- DESCRIPTION OF MAP UNITS**
- ps** SMOOTH PLAINS MATERIAL—Forms smooth small areas of plains that appear smooth at available image resolution. Albedo similar to or higher than that of intermediate plains unit. Supposed craters all smaller than 20 km in diameter and of low density. Characteristically occupies floors of craters, including large craters. Reference area: lat 36° N, long 20° W. Interpretation: A mixture of ejecta from small craters and material mass washed from walls of large craters. May include some volcanic material.
 - pm** INTERMEDIATE PLAINS MATERIAL—Forms smooth to moderately rough plains characterized by many bright patches and streaks on a background generally slightly darker than intermediate plains material. Commonly associated with elongate symmetric and asymmetric ridges and rounded scarp, all of which appear younger. Supposed craters are of moderate density, are of a size or younger, and are mostly less than 50 km in diameter. Also supposed are secondary craters from several c_2 and c_3 craters 100 to 150 km in diameter. Reference area: lat 30° N, long 25° W. Interpretation: Probably basaltic lava flows, but no unequivocal supporting evidence has been found in the Victoria quadrangle.
 - pi** CRATERED PLAINS MATERIAL—Forms moderately rough to rough surfaces very similar to intermediate plains material. Unit defined to include with similar units in Kuiper quadrangle (De Haan and others, 1981) to the south; elsewhere on Victoria quadrangle cratered plains material is included in intermediate plains material. Reference area: lat 22° N, long 42° W. Interpretation: Volcanic rock, ejecta blanket generated by secondary impact events, or both.
 - cs** CRATER MATERIAL—Undegraded floor, rim, wall, and ejecta material of craters with complete and well-defined rims, central peaks, textured ejecta blankets, and high-albedo halos and rays. All are <50 km in diameter. Density of supposed craters low.
 - cb** CENTRAL PEAK MATERIAL—Single or multiple rugged peaks near center of crater.
 - cf** FLOOR MATERIAL—Rough material on crater floor.
 - cf1** RADIAL EJECTA MATERIAL—Grooved and ridged material extending outward from raised rim as lined up spurs with many secondary craters.
 - cf2** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims, central peaks, and textured ejecta blankets. Density of supposed craters low, but higher than on smooth plains material. Unit includes floor material for most craters less than 35 km in diameter.
 - cf3** CENTRAL PEAK MATERIAL—Same as cf_2 except occurs within c_3 craters.
 - cf4** FLOOR MATERIAL—Same as cf_2 except occurs within c_4 craters.
 - cf5** RADIAL EJECTA MATERIAL—Radially textured annulus around unit cf_2 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - cf6** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c2** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c3** CENTRAL PEAK MATERIAL—Same as c_2 except occurs within c_3 craters.
 - c4** FLOOR MATERIAL—Same as c_2 except occurs within c_4 craters.
 - c5** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_2 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c6** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c7** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c8** CENTRAL PEAK MATERIAL—Same as c_7 except occurs within c_8 craters.
 - c9** FLOOR MATERIAL—Same as c_7 except occurs within c_9 craters.
 - c10** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_7 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c11** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c12** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c13** CENTRAL PEAK MATERIAL—Same as c_12 except occurs within c_13 craters.
 - c14** FLOOR MATERIAL—Same as c_12 except occurs within c_14 craters.
 - c15** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_12 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c16** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c17** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c18** CENTRAL PEAK MATERIAL—Same as c_17 except occurs within c_18 craters.
 - c19** FLOOR MATERIAL—Same as c_17 except occurs within c_19 craters.
 - c20** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_17 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c21** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c22** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c23** CENTRAL PEAK MATERIAL—Same as c_22 except occurs within c_23 craters.
 - c24** FLOOR MATERIAL—Same as c_22 except occurs within c_24 craters.
 - c25** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_22 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c26** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c27** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c28** CENTRAL PEAK MATERIAL—Same as c_27 except occurs within c_28 craters.
 - c29** FLOOR MATERIAL—Same as c_27 except occurs within c_29 craters.
 - c30** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_27 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c31** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c32** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c33** CENTRAL PEAK MATERIAL—Same as c_32 except occurs within c_33 craters.
 - c34** FLOOR MATERIAL—Same as c_32 except occurs within c_34 craters.
 - c35** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_32 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c36** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c37** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c38** CENTRAL PEAK MATERIAL—Same as c_37 except occurs within c_38 craters.
 - c39** FLOOR MATERIAL—Same as c_37 except occurs within c_39 craters.
 - c40** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_37 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c41** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c42** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c43** CENTRAL PEAK MATERIAL—Same as c_42 except occurs within c_43 craters.
 - c44** FLOOR MATERIAL—Same as c_42 except occurs within c_44 craters.
 - c45** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_42 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c46** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c47** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c48** CENTRAL PEAK MATERIAL—Same as c_47 except occurs within c_48 craters.
 - c49** FLOOR MATERIAL—Same as c_47 except occurs within c_49 craters.
 - c50** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_47 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c51** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c52** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c53** CENTRAL PEAK MATERIAL—Same as c_52 except occurs within c_53 craters.
 - c54** FLOOR MATERIAL—Same as c_52 except occurs within c_54 craters.
 - c55** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_52 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c56** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c57** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c58** CENTRAL PEAK MATERIAL—Same as c_57 except occurs within c_58 craters.
 - c59** FLOOR MATERIAL—Same as c_57 except occurs within c_59 craters.
 - c60** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_57 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c61** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c62** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c63** CENTRAL PEAK MATERIAL—Same as c_62 except occurs within c_63 craters.
 - c64** FLOOR MATERIAL—Same as c_62 except occurs within c_64 craters.
 - c65** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_62 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c66** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c67** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c68** CENTRAL PEAK MATERIAL—Same as c_67 except occurs within c_68 craters.
 - c69** FLOOR MATERIAL—Same as c_67 except occurs within c_69 craters.
 - c70** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_67 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c71** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c72** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c73** CENTRAL PEAK MATERIAL—Same as c_72 except occurs within c_73 craters.
 - c74** FLOOR MATERIAL—Same as c_72 except occurs within c_74 craters.
 - c75** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_72 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c76** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c77** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c78** CENTRAL PEAK MATERIAL—Same as c_77 except occurs within c_78 craters.
 - c79** FLOOR MATERIAL—Same as c_77 except occurs within c_79 craters.
 - c80** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_77 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c81** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c82** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c83** CENTRAL PEAK MATERIAL—Same as c_82 except occurs within c_83 craters.
 - c84** FLOOR MATERIAL—Same as c_82 except occurs within c_84 craters.
 - c85** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_82 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c86** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c87** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c88** CENTRAL PEAK MATERIAL—Same as c_87 except occurs within c_88 craters.
 - c89** FLOOR MATERIAL—Same as c_87 except occurs within c_89 craters.
 - c90** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_87 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c91** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c92** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c93** CENTRAL PEAK MATERIAL—Same as c_92 except occurs within c_93 craters.
 - c94** FLOOR MATERIAL—Same as c_92 except occurs within c_94 craters.
 - c95** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_92 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c96** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c97** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c98** CENTRAL PEAK MATERIAL—Same as c_97 except occurs within c_98 craters.
 - c99** FLOOR MATERIAL—Same as c_97 except occurs within c_99 craters.
 - c100** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_97 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c101** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c102** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c103** CENTRAL PEAK MATERIAL—Same as c_102 except occurs within c_103 craters.
 - c104** FLOOR MATERIAL—Same as c_102 except occurs within c_104 craters.
 - c105** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_102 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c106** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c107** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c108** CENTRAL PEAK MATERIAL—Same as c_107 except occurs within c_108 craters.
 - c109** FLOOR MATERIAL—Same as c_107 except occurs within c_109 craters.
 - c110** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_107 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c111** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c112** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c113** CENTRAL PEAK MATERIAL—Same as c_112 except occurs within c_113 craters.
 - c114** FLOOR MATERIAL—Same as c_112 except occurs within c_114 craters.
 - c115** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_112 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c116** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c117** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c118** CENTRAL PEAK MATERIAL—Same as c_117 except occurs within c_118 craters.
 - c119** FLOOR MATERIAL—Same as c_117 except occurs within c_119 craters.
 - c120** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_117 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c121** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c122** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c123** CENTRAL PEAK MATERIAL—Same as c_122 except occurs within c_123 craters.
 - c124** FLOOR MATERIAL—Same as c_122 except occurs within c_124 craters.
 - c125** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_122 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c126** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c127** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c128** CENTRAL PEAK MATERIAL—Same as c_127 except occurs within c_128 craters.
 - c129** FLOOR MATERIAL—Same as c_127 except occurs within c_129 craters.
 - c130** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_127 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c131** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c132** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c133** CENTRAL PEAK MATERIAL—Same as c_132 except occurs within c_133 craters.
 - c134** FLOOR MATERIAL—Same as c_132 except occurs within c_134 craters.
 - c135** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_132 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c136** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c137** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c138** CENTRAL PEAK MATERIAL—Same as c_137 except occurs within c_138 craters.
 - c139** FLOOR MATERIAL—Same as c_137 except occurs within c_139 craters.
 - c140** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_137 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c141** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c142** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c143** CENTRAL PEAK MATERIAL—Same as c_142 except occurs within c_143 craters.
 - c144** FLOOR MATERIAL—Same as c_142 except occurs within c_144 craters.
 - c145** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_142 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c146** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c147** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c148** CENTRAL PEAK MATERIAL—Same as c_147 except occurs within c_148 craters.
 - c149** FLOOR MATERIAL—Same as c_147 except occurs within c_149 craters.
 - c150** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_147 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c151** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c152** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c153** CENTRAL PEAK MATERIAL—Same as c_152 except occurs within c_153 craters.
 - c154** FLOOR MATERIAL—Same as c_152 except occurs within c_154 craters.
 - c155** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_152 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c156** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c157** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c158** CENTRAL PEAK MATERIAL—Same as c_157 except occurs within c_158 craters.
 - c159** FLOOR MATERIAL—Same as c_157 except occurs within c_159 craters.
 - c160** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_157 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c161** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c162** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c163** CENTRAL PEAK MATERIAL—Same as c_162 except occurs within c_163 craters.
 - c164** FLOOR MATERIAL—Same as c_162 except occurs within c_164 craters.
 - c165** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_162 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c166** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c167** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c168** CENTRAL PEAK MATERIAL—Same as c_167 except occurs within c_168 craters.
 - c169** FLOOR MATERIAL—Same as c_167 except occurs within c_169 craters.
 - c170** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_167 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c171** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c172** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c173** CENTRAL PEAK MATERIAL—Same as c_172 except occurs within c_173 craters.
 - c174** FLOOR MATERIAL—Same as c_172 except occurs within c_174 craters.
 - c175** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_172 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c176** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c177** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c178** CENTRAL PEAK MATERIAL—Same as c_177 except occurs within c_178 craters.
 - c179** FLOOR MATERIAL—Same as c_177 except occurs within c_179 craters.
 - c180** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_177 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c181** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c182** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined rims. Most have central peaks. Density of supposed craters low to moderate. Unit includes floor material for most craters less than 35 km in diameter.
 - c183** CENTRAL PEAK MATERIAL—Same as c_182 except occurs within c_183 craters.
 - c184** FLOOR MATERIAL—Same as c_182 except occurs within c_184 craters.
 - c185** RADIAL EJECTA MATERIAL—Radially textured annulus around unit c_182 includes secondary craters that are sufficiently well preserved to be clearly visible around most of the periphery of larger craters.
 - c186** SECONDARY CHAIN MATERIAL—Aligned crater chains related to c_4 craters.
 - c187** CRATER MATERIAL—Undegraded rim, wall, and ejecta material of craters with complete and well-defined