

ity: Lat 46° S., long 270° E. Interpretation: Distal volcanic flows related to the formation of

Abeona Mons in the Themis Regio quadrangle (V–53).

Geologic Map of the Helen Planitia Quadrangle (V–52), Venus

QUADRANGLE LOCATION Photomosaic showing location of map area. An outline of

1:5,000,000-scale quadrangles is provided for reference.

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looking radar image in Lambert projection). B. Showing the Parga Chasmata and Helen Planitia regions

and subregions defined by local geologic histories.

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Figure 4. Map of regional (blue) and local (green) fracture suites underlain by altimetry data,

Helen Planitia quadrangle (V-52), Venus. The figure also shows the location of large tectonomag-

matic features (red lines, corona annuli) and radial fracture systems (brown lines): a, center of

structure centered on Darclée Patera; b, structure centered on Monoshi Tholus; c, structure

centered on caldera located at lat 40.5° S., long 258° E.