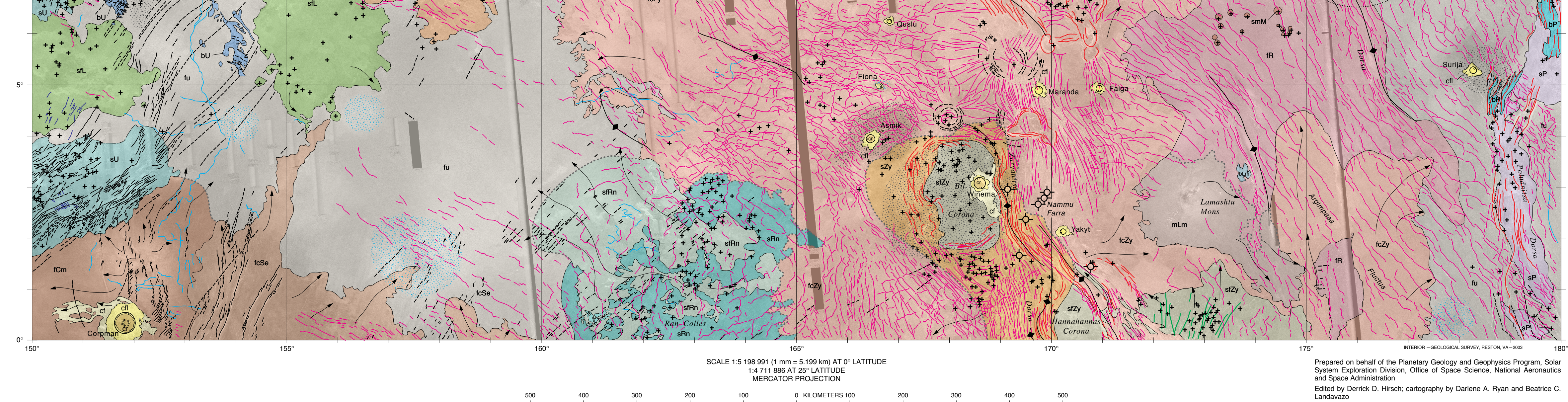


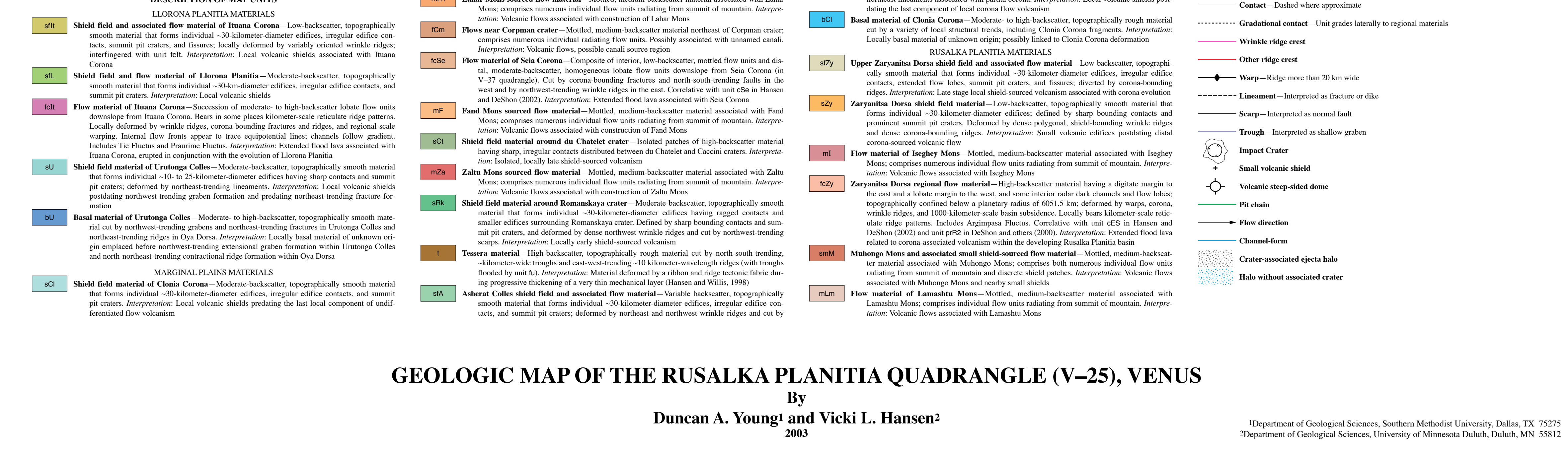
Magellan Overview

The Magellan overview of the Venusian surface is based on the mosaic of images acquired by the Synthetic Aperture Radar (SAR) instrument during the 49-day mission. The SAR images provide a high-resolution view of the surface, revealing the complex topography and geological features. The map shows the distribution of various geological units, including the Llorona Planitia, Marginal Plains, Rusalka Planitia, and Ulfbergtianus. The SAR data is used to identify and map these units, providing a detailed view of the Venusian surface.



Magellan Detail

The Magellan detail of the Venusian surface provides a closer look at the geological features of the Llorona Planitia region. The SAR data is used to identify and map these features, providing a detailed view of the surface. The map shows the distribution of various geological units, including the Llorona Planitia, Marginal Plains, and Ulfbergtianus. The SAR data is used to identify and map these units, providing a detailed view of the Venusian surface.



Geologic map of the Rusalka Planitia region, Venus. The map shows various geological units including Rusalka Planitia, Marginal Plains, and Ulfbergtianus. It features a grid of latitude and longitude, and a scale bar indicating 1:500,000.

Geologic Map of the Rusalka Planitia Region

This geologic map shows the distribution of various geological units in the Rusalka Planitia region. The units are defined based on their lithology and structural characteristics. The map includes a legend, a scale bar, and a grid of latitude and longitude. The units shown include the Llorona Planitia, Marginal Plains, Rusalka Planitia, and Ulfbergtianus.

Geologic Map of the Llorona Planitia Region

This geologic map shows the distribution of various geological units in the Llorona Planitia region. The units are defined based on their lithology and structural characteristics. The map includes a legend, a scale bar, and a grid of latitude and longitude. The units shown include the Llorona Planitia, Marginal Plains, and Ulfbergtianus.

Geologic Map of the Rusalka Planitia Region

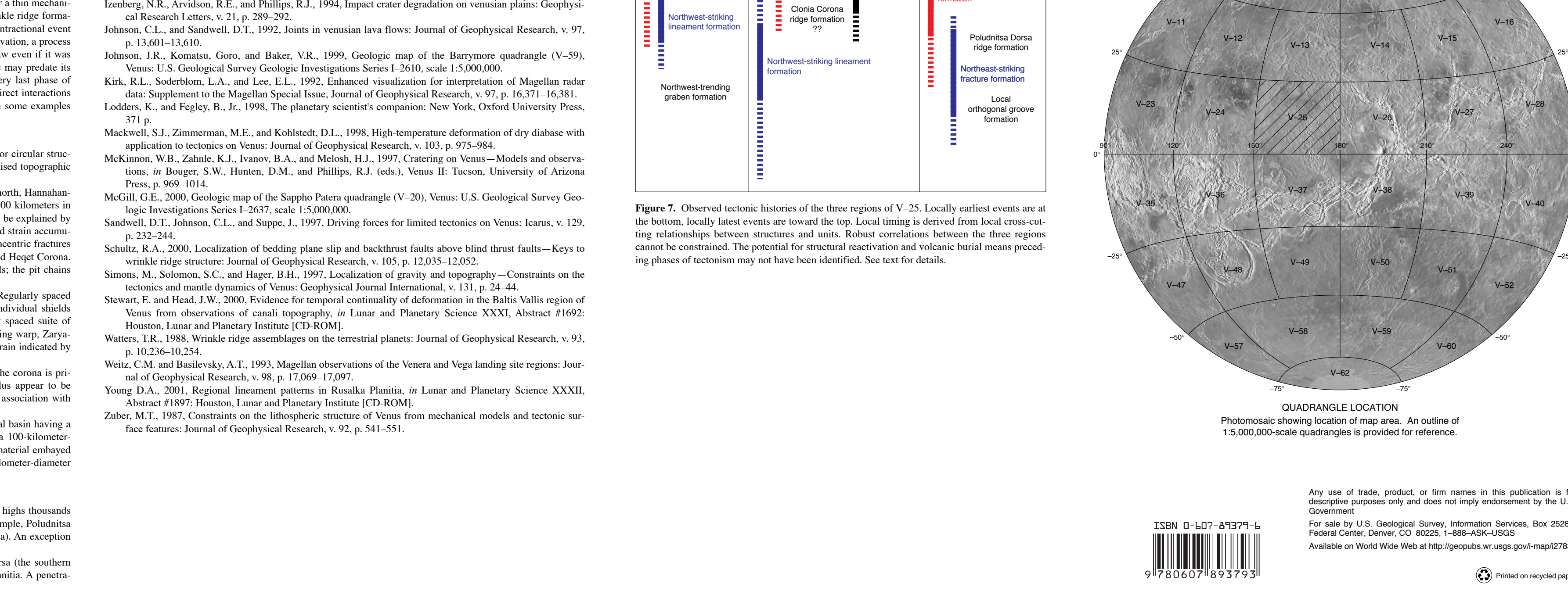
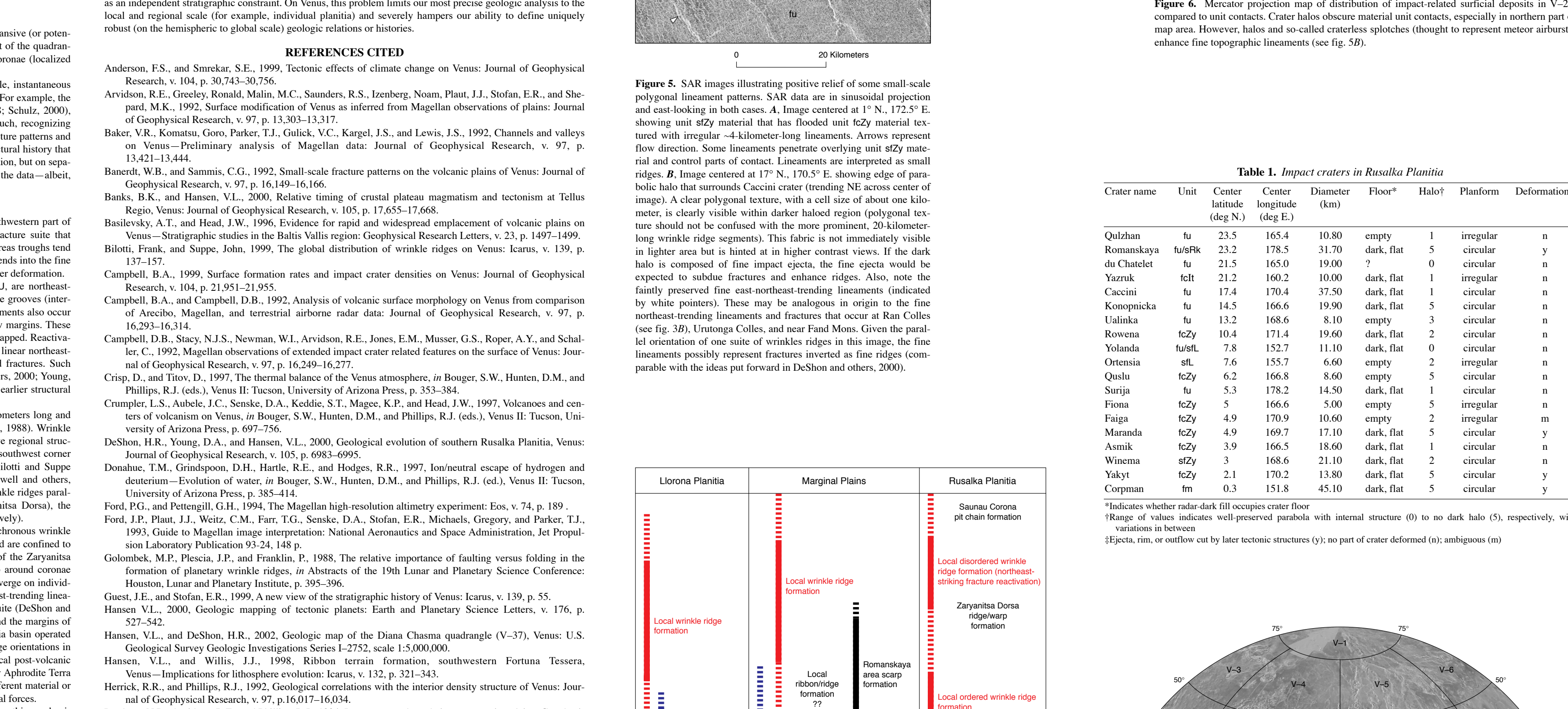
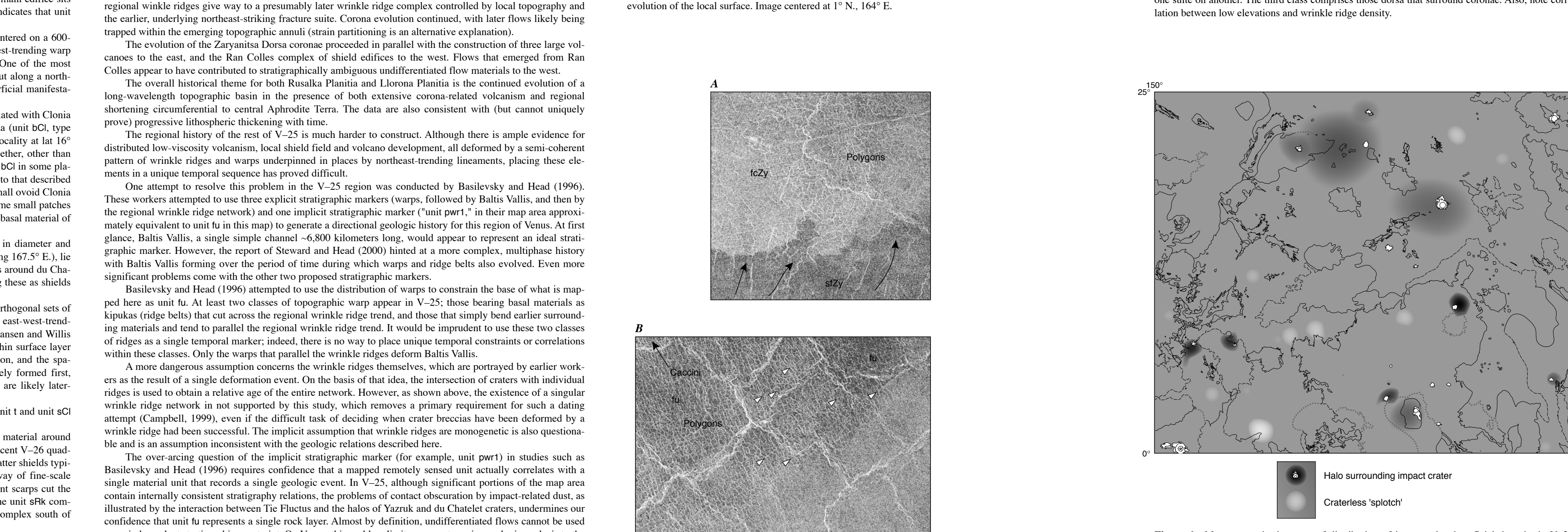
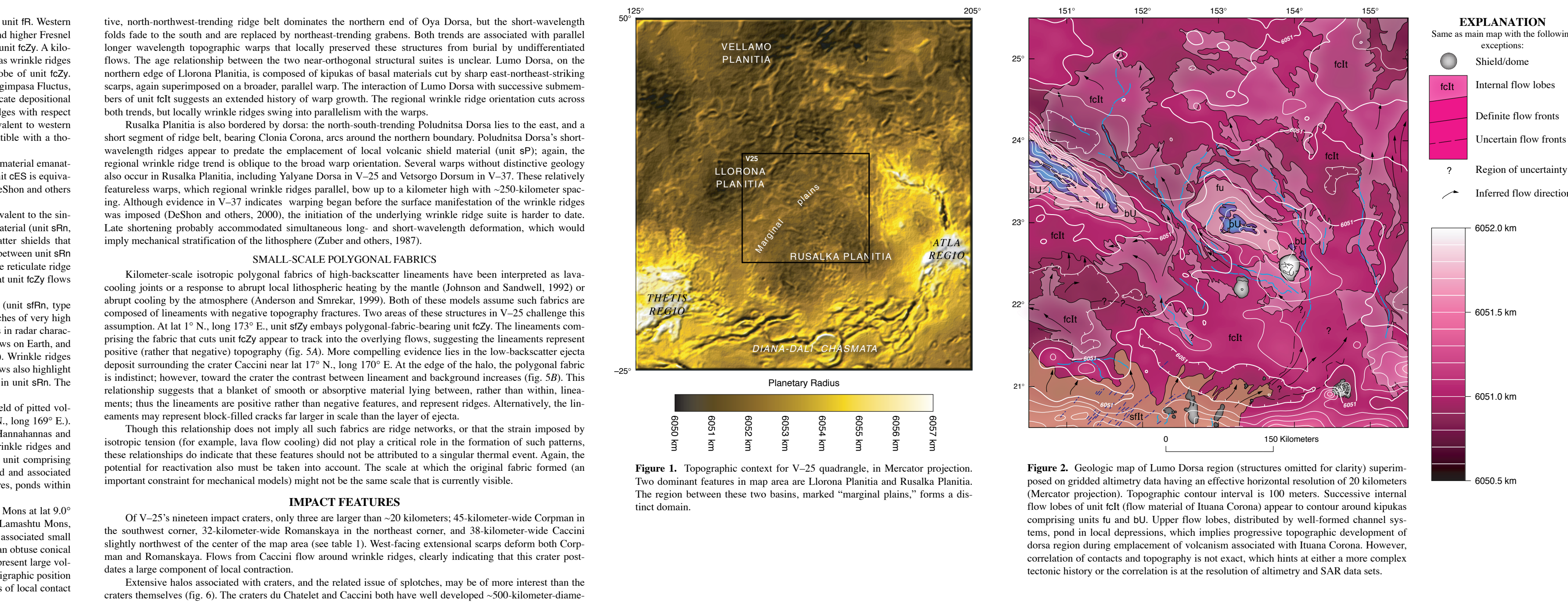
This geologic map shows the distribution of various geological units in the Rusalka Planitia region. The units are defined based on their lithology and structural characteristics. The map includes a legend, a scale bar, and a grid of latitude and longitude. The units shown include the Rusalka Planitia, Marginal Plains, and Ulfbergtianus.

Geologic Map of the Llorona Planitia Region

This geologic map shows the distribution of various geological units in the Llorona Planitia region. The units are defined based on their lithology and structural characteristics. The map includes a legend, a scale bar, and a grid of latitude and longitude. The units shown include the Llorona Planitia, Marginal Plains, and Ulfbergtianus.

Geologic Map of the Rusalka Planitia Region

This geologic map shows the distribution of various geological units in the Rusalka Planitia region. The units are defined based on their lithology and structural characteristics. The map includes a legend, a scale bar, and a grid of latitude and longitude. The units shown include the Rusalka Planitia, Marginal Plains, and Ulfbergtianus.



Geologic map of the Llorona Planitia region, Venus. The map shows various geological units including Llorona Planitia, Marginal Plains, and Ulfbergtianus. It features a grid of latitude and longitude, and a scale bar indicating 1:500,000.

GEOLOGIC MAP OF THE RUSALKA PLANITIA QUADRANGLE (V-25), VENUS

By Duncan A. Young and Vicki L. Hansen
2003

U.S. GEOLOGICAL SURVEY GEOLOGIC INVESTIGATIONS SERIES I-2783 ATLAS OF VENUS: RUSALKA PLANITIA (QUADRANGLE I-25)

EXPLANATION

Geologic map showing various units and features. Includes a legend with symbols for different geological units and features.

QUADRANGLE LOCATION: Venus (U.S. Geological Survey)