Geologic Map of the Greenaway Quadrangle (V–24), Venus

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DESCRIPTION OF MAP UNITS

B: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

C: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

D: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

E: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

F: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

G: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

H: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

I: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

J: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

K: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

L: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

M: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

N: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

O: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

P: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

Q: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

R: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

S: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

T: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

U: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

V: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

W: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

X: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

Y: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

Z: Composite unit of presumably volcanic flow material of Bleamaster and Hansen (2005)

SECONDARY (TECTONIC) STRUCTURES

Tessera lineament — Lineament spacing typically <<1 km. Nature of lineament is

Wrinkle ridge — Channel edges are not visible at map scale

Narrow ridge crest

Ridge associated with unit

Fracture

— Channel edges are not visible at map scale

— Dashed where uncertain

— Hachures point towards flow. Solid where certain; dashed where approximately located

Shield edifice

Crater fill material

Crater material, undivided

Insurgency

Interpretation

From the data collected, it is surmised that the Venusian terrain is characterized by a variety of geological features, including impact craters, volcanic flows, and tectonic structures. These features are imaged using various spectrometric and radar techniques, which provide insights into the planet’s surface composition and history. The data presented in this map are based on years of scientific investigation and analysis, and they contribute to our understanding of the geology of Venus and the broader context of terrestrial planet studies. The map highlights the spatial distribution of different geological units, structures, and materials, allowing for a comprehensive view of the Venusian landscape.