HYPERSPECTRAL SURFACE MATERIALS MAP OF QUADRANGLE 3464, SHAHRAK (411) AND KASI (412) QUADRANGLES, AFGHANISTAN, SHOWING CARBONATES, PHYLLOSILICATES, SULFATES, ALTERED MINERALS, AND OTHER MATERIALS

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EXPLANATION OF MATERIAL CLASSES

Materials are classified into one or more classes, depending on the mineralogy and alteration that occur in the rock, the presence of accessory minerals, and the surface texture and grain size. Each mineral is assigned one or more classes that best describe its reflectance spectrum. The mineral classes generally reflect the typical materials found in Afghani

DATA SUMMARY

This map shows the spatial distribution of selected carbonates, phyllosilicates, sulfates, altered minerals, and other materials derived from analysis of airborne HyMap™ imaging spectrometer (hyperspectral) data of Afghani


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OTHER SYMBOLS

Red represents areas of clear to light cloud cover, green areas are intermediate, and blue represents dense to dark cloud cover.