Unconsolidated surficial deposits
- Block and ash tuff deposits. Younger deposits and edges consist of angular rubble and boulders. Top surface is irregular and steep, with talus deposits common along liquidated Prescription Peak. Lava deposits from collapse of summit are common.
- Lahar deposits. Younger deposits and edges consist of agglomerates of gravel, sand and silt in slurry, and localized debris-avalanche deposits.
- Tufa and coarse clastic deposits. Accumulations of poorly sorted, angular rock debris on floodplains along flood channels.

Unconsolidated pyroclastic deposits
- Lahar deposits. Younger deposits and edges consist of agglomerates of gravel, sand and silt in slurry, and localized debris-avalanche deposits.
- Tufa and coarse clastic deposits. Accumulations of poorly sorted, angular rock debris on floodplains along flood channels.

Unconsolidated volcaniclastic deposits
- Lahar deposits. Younger deposits and edges consist of agglomerates of gravel, sand and silt in slurry, and localized debris-avalanche deposits.
- Tufa and coarse clastic deposits. Accumulations of poorly sorted, angular rock debris on floodplains along flood channels.

EXPLANATION OF SYMBOLS
- Bedrock exposures
- Line of section
- Outline of pre-collapse edifice
- Outline of modern edifice
- Glacier retreat line
- Outline of Holocene age

DESCRIPTION OF MAP UNITS
- Volcanic rocks of Great Sitkin Volcano
- Lahar deposits
- Lava dome emplaced during 1974 eruption
- Lava flows erupted during 1969 eruption
- Lava flows erupted during 1965 eruption
- Lava flows erupted during 1957 eruption
- Lava flows erupted during 1941 eruption
- Tephra deposits
- Holocene age deposits
- Pleistocene age deposits
- Debris-avalanche deposits
- Pyroclastic-flow deposits
- Lahar deposits

CORRELATION OF MAP UNITS
- Volcanic rocks of Great Sitkin Volcano
- Lahar deposits
- Lava dome emplaced during 1974 eruption
- Lava flows erupted during 1969 eruption
- Lava flows erupted during 1965 eruption
- Lava flows erupted during 1957 eruption
- Tephra deposits
- Holocene age deposits
- Pleistocene age deposits
- Debris-avalanche deposits
- Pyroclastic-flow deposits
- Lahar deposits

REPRESENTATIVE CRITERIA
- Maximum error of the unit boundaries is unknown.
- Field work was conducted in June 1991 and August 1991.
- All data were collected by the U.S. Geological Survey (U.S. Government).

PRELIMINARY GEOLOGIC MAP OF GREAT SITKIN VOLCANO, ALASKA

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2003