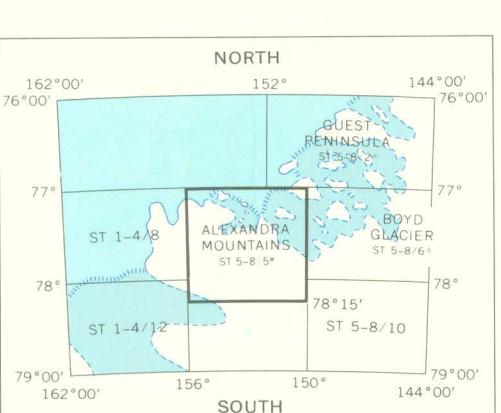


Compiled from U.S.N.O.O. Chart 1706 S, 1965

SCALE 1:250,000
Lambert Conformal Conic Projection—Standard Parallels 78°40' and 79°20'
CONTOUR INTERVAL 200 METERS—DATUM IS MEAN SEA LEVEL
Elevations and depths in meters



Sheet numbering system based on
International Map of the World

INDEX TO ADJOINING SHEETS

RECONNAISSANCE GEOLOGIC MAP OF THE ALEXANDRA MOUNTAINS QUADRANGLE, MARIE BYRD LAND, ANTARCTICA

By

F. Alton Wade, Carl A. Cathey, and Jerry B. Oldham

1977

CORRELATION OF MAP UNITS

Kbc	CRETAEOUS
Unconformity	
PzPn	LOWER PALEOZOIC AND PRECAMBRIAN

DESCRIPTION OF MAP UNITS

- Kbc BYRD COAST GRANITE—Besse granite, leucogranite and alaskite, equigranular to porphyritic; marginal foliation only, magmatic origin. Includes associated pegmatites and aplites, and basic dikes. Intrudes pelitic sediments at Mt. Nilson. Radiometric ages mainly 100–10 m.y.
- PzPn METAMORPHOSED PELITIC SEQUENCES OF MT. NILSEN—Metamorphic quartz-biotite-muscovite-aluminosilicate schists. Younger hydrothermal minerals are principally quartz and potassium feldspar. Probably correlative with Swanson Formation in Ford Ranges to the east.
- Contact
- Synform, showing plunge; drawn on foliation
- Strike and dip of beds
- Strike and dip of foliation

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INTERIOR—GEOLGICAL SURVEY, RESTON, VIRGINIA—1971—018334
150° 78° 15'

Geologic map in 1911 by K. Prestud; in 1940 by F. A. Wade; in 1966–1967 by F. A. Wade, V. L. Yeats, and L. V. Klimov