

Figure 3 -- Geologic map of a portion of Dicksonland, Spitsbergen, Svalbard.

GEOLOGIC MAP OF A PORTION OF DICKSONLAND, SPITSBERGEN, SVALBARD

Geology by D.L. Lamar and D.N. Douglass, assisted by W.E. Reed, 1982-84.

SCALE 1:25,000

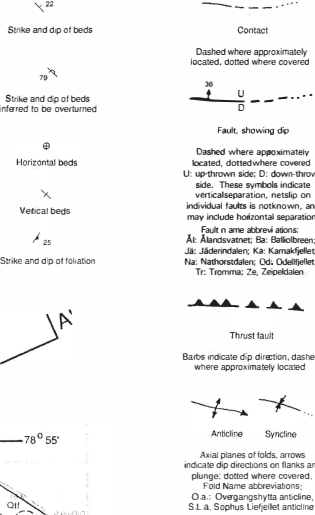
0 500 1000 1500 2000 2500 3000 Meters

Contour interval 20 meters



Topographic map prepared by
Ertac Airborn Systems Inc.,
Cypress, California U.S.A.

EXPLANATION



A' A'
Line of structure section

Qb	Beach deposits sand and gravel	QUATERNARY
Qt	Tidal flat deposits silt and clay	
Qls	Landslide debris	
Qd	Talus deposit	
Qa	Alluvium sand and gravel	
Qao	Older alluvium sand and gravel	PLEISTOCENE
Qm	Moraine sand and gravel	
Qg	Glacial deposits sand and gravel	
Qi	Lake deposits silt, sand and gravel	
Qy	Young marine sand	
Qso	Older marine sand	CARBONIFEROUS
Cec	Member C conglomerate, sandstone and limestone	
Ceb	Member B sandstone, siltstone, limestone and anhydrite	
Csa	Member A sandstone, siltstone and anhydrite at base	
Csab	Ebbadalen Formation members a and b, undivided	
Cs	Svenneken Formation sandstone, siltstone and conglomerate	
Ch	Horvebreken Formation conglomerate, sandstone and siltstone	
Cu	Billefjorden and Gipsdalen Groups undifferentiated	
Dsk	Unconformity	
Dsk	Skandalen Member of Gipsdalen Formation siltstone and sandstone	DEVONIAN
Dst	Stordalen Formation siltstone and sandstone with calcareous at base	
Dsk	Kellerfjell Formation sandstone and siltstone	
DKau	Stordalen and Kellerfjell Formations undifferentiated	
Dsk	Kapp Kjelleren Formation Dsk: yellow sandstone Dkg: greenish yellow sandstone and siltstone	
Dm	Mimerbukta "Sandstone" quartzite and shale	PRE-CAMBRIAN
Hh	Heda Hoek gneiss	

