

PERIGLACIAL FEATURES IN NORTHERN JAMES ROSS ISLAND,  
ANTARCTIC PENINSULA

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Several periglacial features observed in a deglaciated area of Northern James Ross Island, Antarctic Peninsula, are described. These features include depth distribution of the frozen surface, characteristics of ground ice, patterned ground "rock pingos", protalus ramparts, rock glaciers, and many other minor types. An outstanding example of in-situ rounding of Cretaceous sandstone clasts by frost weathering is presented.

Periglacial activity is related in this area to certain circumstances, but elevation, ground and bedrock lithology, and age of the deglaciated surface seem to be the most significant.

The age of these features ranges from the Early Wisconsin (pre-Wisconsin?) to the present times.