

GLACIAL EROSIONAL FORMS

Name and Code of the Form (CODE_TYPE_STRIE_GLACI)	Symbol code (CODE_SYMBL)	Symbol	Description
Other (known direction) (ASC)	QUASC		Other glacial erosion mark of known direction
Other (unknown flow direction) (ASI)	QUASI		Other glacial erosion mark of unknown direction
Concave crescentic fracture (BCN)	QUBCN		Small, arched, hollow landform consisting of a concave wall pointing upstream and a floor inclined downstream. Usually in strings, rarely isolated
Convex crescentic fracture (BCV)	QUBCV		Small, isolated, arched and hollow landform consisting of a convex upstream-facing wall and a downstream-inclined floor. Very rare
Conchoidal crescentic fracture (BCH)	QUBCH		Chatter mark formed by conchoidal breaks caused by the subglacial transport of clasts under pressure that impact the bedrock
Groove (known direction) (CSC)	QUCAN		Metric-sized glacial moulding or groove formed by subglacial abrasion processes due to the presence of erosive material (clasts) and water at the base of the ice. Known direction of flow
Groove (unknown direction) (CSI)	QUCASI		Metric-sized glacial moulding or groove formed by subglacial abrasion processes due to the presence of erosive material (clasts) and water at the base of the ice. Unknown direction of flow
Glacial groove with crescentic fracture (CAB)	QUCAB		Metric-sized glacial moulding or groove formed by subglacial abrasion processes due to the presence of erosive material (clasts) at the base of the ice. The floor of this type of landform is covered with chatter marks
Whaleback (DOB)	QUDOSB		Relatively symmetrical rock outcrop with a rounded, polished surface, usually striated by glacial erosion and resembling a whale's back breaking through the water surface
Chatter marks (FRB)	QUFRB		Small, curvilinear break in bedrock, the concavity of which is oriented downstream of the ice flow. Generally arranged in stripes. This type of impact mark result from a boulder or clast being driven under the ice and carving discontinuous impact grooves on bedrock
S-form (known direction) (FSC)	QUFSC		Various forms of cavitation with smooth, rounded walls carved into bedrock. Generally caused by the erosive action of ice, meltwater and high-pressure subglacial sediments. The flow direction varies according to the type of form (muschelbruch, sichelwannen, comma-form, cavetto, etc.)
S-form (unknown direction) (FSI)	QUFSI		Various forms of cavitation with smooth, rounded walls carved into bedrock. Generally caused by the erosive action of ice, meltwater and high-pressure subglacial sediments. Direction of flow cannot be determined (kettle, undulating surface)
Rat-tail (QDR)	QUNER		Small ridge elongated in the ice flow direction and associated with a resistant nodule of rock that protects the bedrock located downstream from differential erosion
Roche moutonnée (ROM)	QURMOU		Asymmetrical rock outcrop oriented in the direction of the glacier flow and characterized, in the upstream part, by a gently sloping face shaped, polished and generally striated by the glacier. The part of the outcrop located downstream of the glacier is marked by a steeply sloping scraping face.
Streamlined outcrop (ROP)	QURPRO		Asymmetrical rock outcrop with a streamlined shape similar to that of a drumlin. Elongation parallel to the ice flow direction with a shaped, polished and generally striated surface due to glacial erosion
Nailhead striation (STC)	QUSTCL		Narrow incision in the bedrock displaying a downstream part that ends in a widening and abrupt deepening (nail head) resulting from the gradual attenuation of a clast dragged over the rock that led to tearing of a rock chip
Simple striation (known direction) (STSC)	QUSSCO		Centimetric scar left on a rock surface by the scraping of a clast in a subglacial position. The analysis allows for the determination of the ice flow direction
Simple striation (unknown direction) (STSI)	QUSSIN		Centimetric scar left on a rock surface by the scraping of a clast in a subglacial position. The analysis does not allow for the determination of the ice flow direction