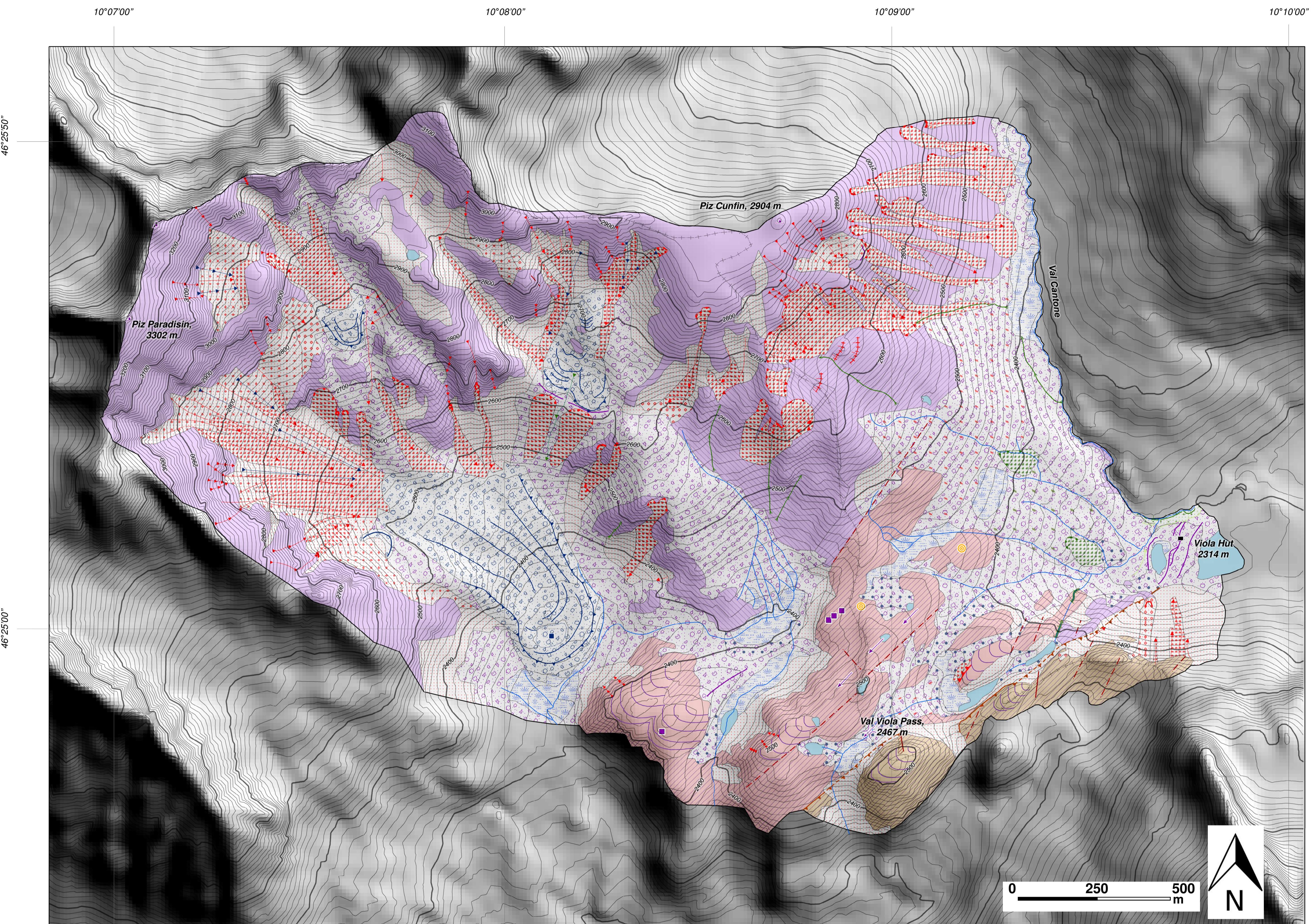


GEOMORPHOLOGICAL MAP OF THE VAL VIOLA PASS (ITALY-SWITZERLAND)

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LEGEND

Lithologies	
Metasedimentary rocks (micaschists and paragneiss) (pre-Permian)	
Intrusive granitoides bodies (Permian)	
Gneiss (pre-Permian)	

Tectonics	
Fracture/Hypothetic fault	Thrust
Fault	Inferred thrust
Fault scarp edge	Fault plane

Structural landforms	
Fault scarp edge	Fault plane

Slope landforms and deposits	
Inactive	Active
Debris flow channel	Slope deposit
Debris discharge rocky channel	Fine
Earth-flow detachment niche	Coarse
Rock-fall detachment niche	Earth/Debris-flow deposit
Counterslope	Rock-fall deposit
Soli/gelifluction lobe	Surface affected by soil/gelifluction

Landforms and deposits due to running waters	
Inactive	Active
Fluvial gorge	Surface affected by sheet erosion
Denudation escarpment	Colluvium
Gully	Alluvial deposit
V shaped valley	
Fluvial erosion scarps	
Fluvial channel	

Glacial landforms and deposits	
Inactive	Active
Erratic boulder	Glacial deposit (Pleistocene)
Horn	Exharated surface
Transfluence saddle	Whaleback rock
Striae, erosional groove	Moraine ridge

Periglacial and snow-related landforms	
Inactive	Active
Avalanche track	Earth hummocks field
Protalus rampart	Rock glacier
Surficial trough of rock glacier	

Weathering landforms	
Inactive	Active
Honeycomb, selective erosion	

Hydrography	
River/Stream	Lake
	Peat bog

Anthropic elements	
National border	Index contour line (100 m)

Relief	
Mountain hut	Contour line (10 m)

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Coordinate system

Projection: UTM, Fuse 32N; Datum: WGS 84

Grid: Geographic Coordinate System

1:7000 at print scale

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