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ABBREVIATIONS AND SYMBOLS

AHP	Analytical Hierarchy Process
α	angle of the center of the base of each slice with respect to horizontal
CHASM	Combined Hydrology and Stability Model
CI	Consistency Index
CR	Consistency Ratio
c'	Cohesion
cm	centimeter
d	depth of failure surface
DDPM	Department of Disaster Prevention and Mitigation
Deg	Degree
DEM	Digital Elevation Model
Δx	slice width
E	East
f_0	correction factor
FS	Factor of Safety
g	grams
GIS	Geographic Information System
GPS	Global Positioning System
HI	Hazard Index
km	Kilometer
km ²	Square Kilometer

kN	Kilonewtons
L	chord length of failure surface
LHI	Landslide Hazard Index
m	Meter
m ²	Square meter
m ³	Cubic meter
%	Percentage
θ	Slope angle
n	number of slice
N	North
Sec	seconds
u	average water pressure on base of slice
UTM	Universal Transverse Mercator
ϕ	friction angle

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