GEOLOGIC HAZARD MAP: USE OF LITHOLOGIC UNITS MAP AS BASE FOR THEIR REALIZATION



Stratigraphic chart

Geological information from Geological map of the Mendoza Sheet.

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		Recent colluvial and alluvial deposits of foot hills.	Thick fanglomerates, gravels and thick and median sands.
ш		Eolian deposits	Median and fine sands.
Ш		Rambiones	Silts and silty salty clays.
ш	Holocene	Recent alluvial	
		plain deposits and alluvial deposits	Silts, clays and sands.
		Lacustral deposits and deposits of beach	Silts, sands and clays.
	Pleistocene	Deposits of fluvial valley	Thick gravels and sands.
		Alluvial fan of the Mendoza river deposits	Unconsolidates conglomerates, thick gravels, sands, clays and silts.
ш		Piedemont deposit	Fanglomerates, polymictics gravels, sands and silts.
		Beds of "El Borbollón"	Silty claystone, clays, silts, sands and tephra.
	Neogene	Mogotes Formation	Conglomerates, silty clays, sandstones y tuffs.
		Loma de las Tapias Formation	Conglomerates, sands and silts.
ш	Paleogene	Mariño Formation	Conglomerates, sandstones, clays and sany clay tuffaceous.
		Hipabysales La Canota	Andesites, dacites and liparite.
		Plutonites and hipabysales Las Peñas	Gabbros, diorites and pyroxenites
		Divisadero Largo Formation	Clystones, siltstones, sandstonres and conglomerates.
	Cretaceous	Riquiliponche Sedimentites	Sandstonres, siltstones and gypsum.
		Papagayos Formation	Conglomerates, sandstones and siltstones
	Triassic	Uspallata Group	Conglomerates, sandstonres, claystones, siltstones and tuffs
	Carboniferous	Jegenes Formation	Sandstones and grauwakes
Ĺ	Jaibonnerous	Leoncito Formation	Diamictite, siltstones and sandstones.
	Devonian	Villavicencio Group	Grauwakes, slates, shales and fine conglomerates.
		Rinconada	
H	Silurian	Formation	Limestones, pelites and sandstones.
	Ordovician	Empozada Formation	Shales, calcarenites and conglomerates.
		San Juan	
ш		Formation	Limestones, marls and cherts.
ŀ	Cambrian		Limestones, marls and cherts. Limestones, dolomity limestones, dolomite, marls, shales and cherts

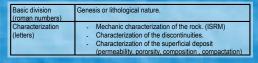
Rock mass with medium low resistent rock substance, very fragile.

Sandstones, calcareous sandstones, marbles, metawackes, quartzites, slates, phyllite, shales and marls.

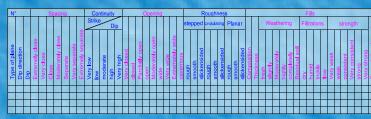
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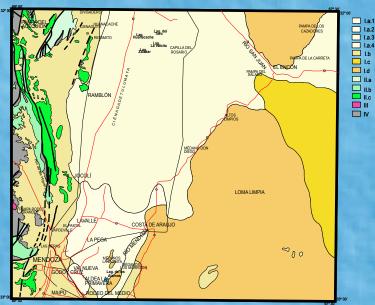


Field notes









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Lithologic Units

Applied information resumed from the map of lithologic units of the Mendoza Sheet as a base for the realization of Geological Hazard Map.

