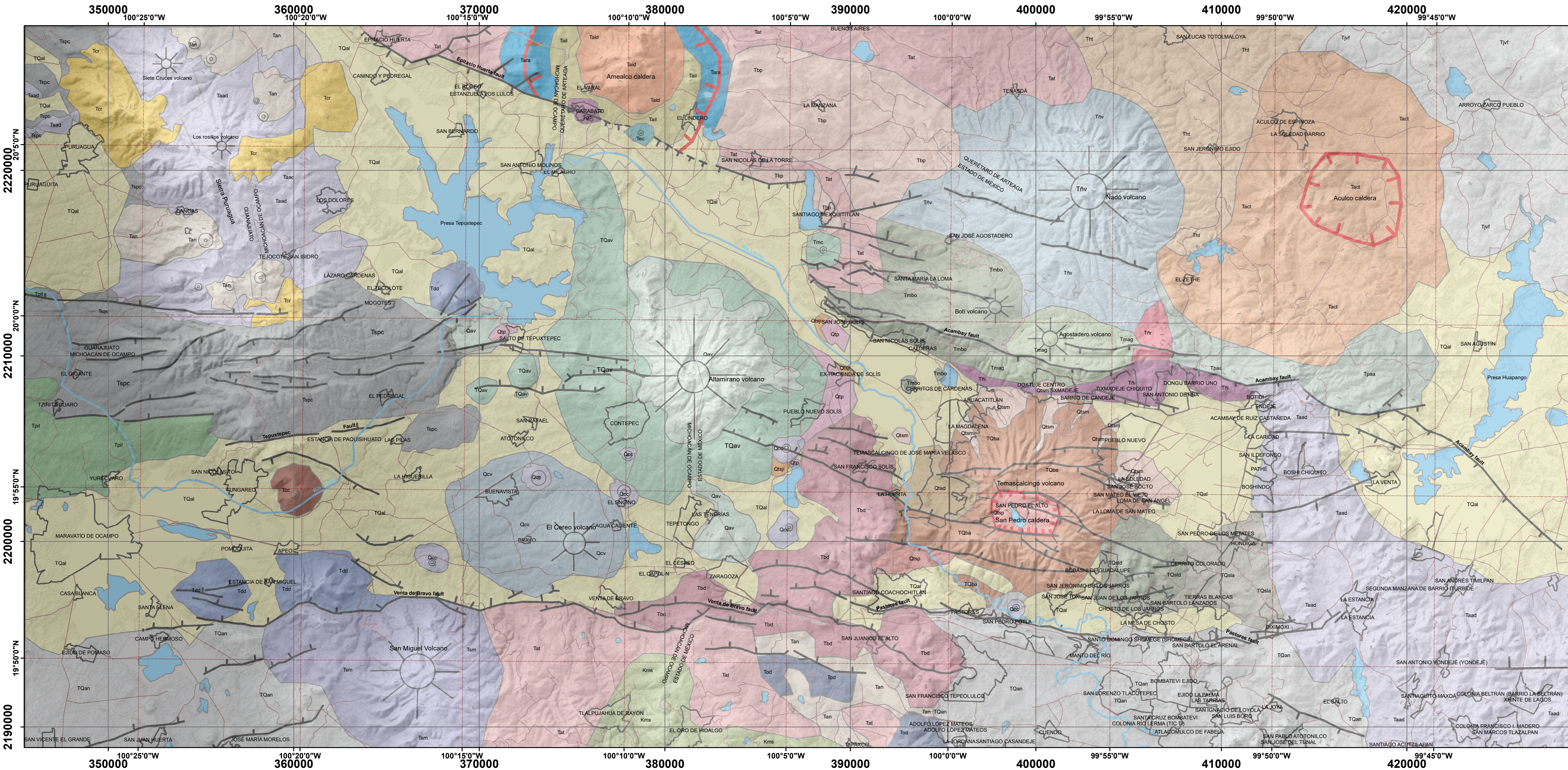


Geologic Map of Acambay Graben

By Gerardo J. Aguirre-Díaz (2018)



Legend

Quaternary	Pliocene	Miocene
<ul style="list-style-type: none"> Qt El Cereo shield volcano Qt Tepuxtepec pumice fall deposit Qt San José Solís ignimbrite Qt San Mateo pumice fall deposit Qt Temascalcingo avalanche deposit Qt San Pedro caldera and deposits Qt Altamirano volcano upper series: andesitic-dacitic lavas, block & ash flow, pumice fall deposits, and ignimbrites. Qt Altamirano volcano lower series: andesitic-dacitic lavas, and pyroclastic deposits Qt Santa Lucía avalanche Qt Santa Lucía dacitic dome Qt cinder cone Plio-Qt Temascalcingo volcano block & ash flows and porphyritic dacitic lavas Plio-Qt Altamirano dacitic dome Plio-Qt dacitic dome and lavas Plio-Qt fluviolacustrine deposits Plio-Qt andesitic lava 	<ul style="list-style-type: none"> Pliocene El Comal Cone (2.2 Ma) Pliocene Garabato dome (2.5 Ma) Pliocene Bañi dacitic domes Pliocene Aculco Tuff Pliocene Coronita rhyolitic domes (3.5 Ma) Pliocene Amealco intracaldera domes (3.8-3.7 Ma) Pliocene Amealco caldera intracaldera lake deposits Pliocene Amealco caldera rim andesite (4.0 Ma) Pliocene Huichapan Tuff (4.2 Ma) Pliocene Brick Pumice Pliocene Amealco Tuff (4.7 Ma) Pliocene ignimbrites and lavas Pliocene andesitic lava Pliocene dacitic dome and lavas Pliocene Jilotepec Volcanic Field (2-4 Ma) 	<ul style="list-style-type: none"> Miocene Ñado volcano Miocene Sierra Puruagua Complex Miocene cinder cone Miocene Acambay andesite-dacite lavas Miocene Ñadó rhyolitic dome Miocene Ñadó ignimbrites Miocene Peñas de Acambay andesite Miocene El Oro dacite Miocene San Miguel volcano Miocene Boti volcano andesite Miocene Agostadero volcano andesite

Symbol	Description
	Caldera
	Water reservoir
	Town
	Volcano
	Lerma River
	Highway
	Cone
	Normal fault
	State limit

MDE 50m Value

High : 3320
Low : 1284

Scale 1:100,000

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GIS digitization by Katia A.C. Jasso-Torres
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