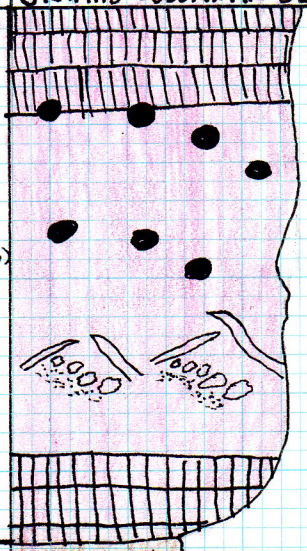
Stratigraphic Column of the Bear Paws

Unit	Thickness	Graphic Columnar Section	Data and Observations	Descriptions
Palagonized Basalt Interior	46m (minimum)			• light orange brown high alloclastic lapilli tuff • highly palagonized, highly resistant
			subaerial cone	• massive • wave-cut top
			dike swarms	• well bedded at top • more accidental clasts than juvenile clasts
			sharp contact	
Chocolate Brown Mound — Unconsolidated	20m		emmergent	• dark brown • poorly resistant • massive, unsorted • cauliflower and ribbon bombs • some palagonitization
Chocolate Brown Mound — Palagonized Basalt Outer Rim	0-25m		gradational contact	• orange-brown high alloclastic lapilli tuff • moderately palagonized, relatively resistant • Large rip-up clasts at base • bomb sags at base • interbedded with columnar jointed mud • internally massive • normal grading, well bedded at top, graded bomb sags • channelized crossbedding • more juvenile clasts than accidental clasts
Chocolate Brown Mound — Leopard Skin	0-12.5m		emmergent platform	
Chocolate Brown Mound — Weak.			sharp contact	• orangely-light brown • highly altered, more friable at base • poorly bedded, unsorted • weathered halos around clasts • channelized, cross bedded at base
Lacustrine and Caldera Fill Deposits	>40m		convoluted boundary	
			Previous siliceous volcanism reworked as lake and alluvial deposits	• white-grey diatomaceous tuff • interbedded with sandy laters, ash fall, + pyroclastic deposits • interbedded with fluvial deposits with rounded pumice + plant fossils • cauliflower bombs at top without soft sediment deformation • cross bedded