

EXPLANATION

STRATIGRAPHIC UNITS

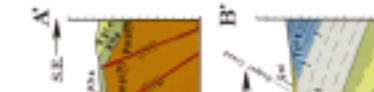
QUATERNARY	PLAISTOCENE	Qa1 Alluvial and Colluvial Deposits (only extensive areas mapped)	
		Q1 Fan Deposits	
		Q1a Landslide Deposits Rock chert is rarely involved indicated in pavement	
TERTIARY	MIOCENE - PLEISTOCENE	Tu Battersea Formation This locality - environmental extension of ash	
		Ter Columbia River Group Basalt flows - probably correlate with Pease River Basalt.	
	OLIGOCENE - MIOCENE	Tvd Aksa Day Formation Fossiliferous limestone and fossiliferous limestone with a middle member.	
		Tvd1 Upper Clarno	
	Eocene - Oligocene	MIOCENE - OLIGOCENE	Tefr Basalt flows, mainly derived from Kings Mt. probably associated to Tvd1.
			Tefl Middle and Anglimonien derived from Kings Mt. - is known as Tef2
		OLIGOCENE - MIOCENE	Tef2 Light-colored basalt and limestone with few fossiliferous limestone of Tvd1.
			Teva New uppermost, Aksa and Upry.
		Eocene - Oligocene	Tcf1 Lower Clarno Basalt and andesite flows.
			Tcf2 Fossiliferous limestone and basalt ash.
Eocene - Oligocene		Tck Volcanic breccias. White Breccia only.	
		Tca UNCONFORMITY	
CRETACEOUS		ALBERTA - CRETACEAN	Tca Gable Creek Formations Fluvial channel (basal) debris and extensive conglomerate and sandstone with intertonguing with Badgley Formation.
			Tca Badgley Formation Basal sandstone member (M1) plus fluvial channel member (M2) and alluvial cone units which intertongue with Gable Creek Formation.
PERMIAN	PERMIAN	Pvs Purvis Sandstone Foliated, chert, and crystalline limestone.	
		Pvs INTRUSIONS Primarily the dark plug of Tracy Butte	

Tib
Basalt dikes, sills, dykes, and irregular intrusions; some with Columbia River basalt sills; some with Gable Creek sills.

Tir
Rhyolite sills, flows (rare), and irregular intrusions; probably of Aksa Day age.

Tio
Andesite and basaltic andesite sills, dikes, dykes, and irregular intrusions; probably of Clarno age.

Tubular intrusions, sills and dikes, of limited extent; dikes generally occupy pre-existing faults.



STRUCTURAL SYMBOLS

- Attitudes
- Solid and dip of both
 - Apparent strike and dip
- Faults
- Major anticline
 - Major syncline
 - Normal-sense plane of axis
 - Faults
 - Fault of major displacement
- Contacts
- Quaternary deposits/unconformity
 - Rock units, exposed and buried

Fault of minor displacement: exposed, inferred, presumably concealed by Quaternary deposits.
 (1) indicates surface fault, and (2) indicates subsurface fault.
 Faults to which no symbol is assigned lead to interpretations. For see key.