SYMBOLS

unconformity VOLCANIC AND SEDIMENTARY ROCKS unconformity chh cbt! cbb cam . caf unconformity unconformity? nonconformity METAMORPHIC AND PLUTONIC ROCKS pep pegp pen pel peeb peeg pes pesm pec

On! alluvium	
colluvium and high terrace deposits	Cox
unconformity	[EDF
VOLCANIC AND SEDIMENTARY ROCKS	(b)
Basalt of Buttox Hills bf flow	Cob
b ₁ intrusion	cbt
bt tuff and tuff-breccja; partly intrusive	CIC
undivided basalt; probably spatter or intrusions	Cuc'
FORT ROCK CREEK RHYODACITE	
rhyodacite-bearing sedimentary breccia and rhyodacite sandstone and conglomerate	cam
fc Breccia and Conglomerate of the Crossing	caz
unconformity	caf
Three Sisters Butte Member	. cab
ftt massive tuff ftb volcanic breccia	c/s
ft1 ash-fall lapilli tuff	c13'
Old Stage Road Member	СР
fot ash-flow tuff	
fov vapor-phase-crystallized ash-flow tuff fol lapilli breccia	
fop boulder patch	ctz
fob sedimentary breccia; contains clasts eroded from the dome; locally includes sandstone or	ctf
tuff equivalent to fos fos basal pumiceou sandstone or tuff	ctio
rhyodacite intrision on Three OClock Hill	cm2
Sedimentary Breccia of Noon Gorge	Cmm.
find sedimentary breccia; contains clasts eroded from the dome	[Cm1
tuffaceous sanctone and conglomerate containing	C mf
dark-colored bombs and ash of olivine trachyandesite (or alivine trachybasalt)	cmb
granule and fine-pebble conglomerate consisting of light-colored trachyandesite ash	
block patch	
CRATER PASTURE FORMATION	crb
Flow of Fault Canyon; olivine-sanidine trachybasa	dt cr5
agglomerate flow	cr4
intrusion	crl
intrusive tuff-breccia and breccia	crl
flow-base zone characterized by vugs and/or flow breccia	
Tuff and Agglomerate of Cinder Basin; olivine	cef
trachybasalt "mixed" sedimentary breccia; contains clasts	C.S.
of olivine trachybasalt, rhyodacite, and dacite	
sedimentary breccia; contains clasts eroded from the dome	
tuff; includes, in addition, agglomeratic tuff,	[rf]
sandstone, and conglomerate	
welded agglomerate	
ccd dike	
cc2 flow 2	PEV
granule and fine-pebble conglomerate	PEP 269P
flow 1 ccu undivided olivine trachybasalt; probably	p€g
probably spatter or intrusions	p6f
Sedimentary Breccia of One OClock Wash	p∈n p∈n
sedimentary breccia; contains clasts eroded from the dome	pteb
block patch	
Tuff and Conglomerate of Hidden Pasture; olivine trachyandesite and hornblende trachyandesite	beeg
Chc fine-pebble conglomerate	ρ65 ρ€5m
hornblende-trachyandlesite tuff	P€c
undivided tuff, conglomerate, and sandstone	D€m
trachyandesite, and olivine trachybasalt tuff and conglomerate; assh is related to Hidden	p€u]
Pasture unit and/or (Cinder Basin unit	
shonkinite intrusion under the powerlines	

Flow of Lion Ridge; hornblende trachyandesite

flow-top zone; characterized by microvugs and microbreccia; dark gray color

basal unit; includes Ituff, tuff-breccia, and minor flow-base breccia

hornblende tachyandlesite intrusion in Eight OClock Basin

reddened flow base

