

ca ca+sl fp

[See Description of Map Units (in pamphlet) for precise unit ages. Uncolored units are differentiated on map as substrate component of specific composite units]

SINGULAR MAP UNITS Mixed Wash, Debris-flow Fan Alluvial-fan, and (or) Playa Alluvial Valley-axis Anthropogenic Eolian Eolian Deposits Deposits Deposits Deposits Deposits Deposit Deposits \sim Wash Alluvial-fan deposits deposits ml Qae Qaed Qaer Qa

/ene C	eered Ma olluvial Bedrock	ap Units Veneers Substra	—Conti Overlyin te Units	nued ng				Combin Approxi	ed Surfic. imately Si	ial Units milar A	s that hav ge Range	ve 2s					
na/ o	Qha/ fv	Qha/ mp	Qha/ mr	Qha/ mv	Qha/ pc	Qha/ sl	Qya + Qyad	Qya + Qye	Qia + Qip	Qia + Qig	Qiae + Qig	Qig + Qia	Qaw + Qya	Qaw + Qyad	Qyw + Qaw	Qyw + Qiw	Q



ca ca+si

CORRELATION OF MAP UNITS

SURFICIAL DEPOSITS AND SURFICIAL DEPOSITS PLUS SUBSTRATE



COMPOSITE MAP UNITS—CONTINUED



Surficial Geologic Map of the Owlshead Mountains 30' x 60' Quadrangle, Inyo and San Bernardino Counties, California

			LIST OF MAP UNITS [See Description of Map Units (in pamphlet) for complete unit descriptions. Uncolored units are diff	Cerentiated on	Young eolian overlying
			SURFICIAL DEPOSITS AND SURFICIAL DEPOSITS PLUS SUBSTRATE	Qye/mr	Young eolian overlying Young eolian
۱ ۱			SINGULAR MAP UNITS	Qve/sl	latest Ple
N .			ml Made land (latest Holocene, Recent)		overlying
\ \			Alluvial Deposits		(Holocen
v			Qaw Active wash deposits (latest Holocene)	alaqiba	fan depo
۱	、	\	Qawg Active wash deposit composed of grus (latest Holocene)	Qha/ca	Hillslope dep
			Qyw Young wash deposit (Holocene and latest Pleistocene)	Qha/ca+sl	pre-Qua Hillslope dep
	> HOLOCENE		Qywg Young wash deposit composed of grus (Holocene and latest Pleistocene)	Oba/fp	overlying
	$\left\{ \right.$		Alluvial-fan Deposits	Oba/fr	pre-Qua Hillslope dep
			Qaa Active alluvial-fan deposit (latest Holocene)	Quarty	pre-Qua
		OUATERNARY	Qaag Active alluvial-fan deposit composed of grus (latest Holocene)	Qha/mp	pre-Qua
		QUITERUNICI	Qya Young alluvial-fan deposit (Holocene and latest Pleistocene)	Qha/mr	Hillslope dep pre-Qua
	> PLEISTOCENE		Qyag Young alluvial-fan deposit composed of grus (Holocene and latest Pleistocene)	Qha/mv	Hillslope dep pre-Qua
			Qyaog Older young alluvial-fan deposit composed of grus (early Holocene and latest Ple	eistocene)	Hillslope dep overlying
			Qia Intermediate alluvial-fan deposit (late and middle Pleistocene)	Qha/sl	Hillslope depo
			Qiag Intermediate alluvial-fan deposit composed of grus (late and middle Pleistocene	;)	Combi
-			Qoa Old alluvial-fan deposit (middle and early Pleistocene)	Qya+Qyad	Young alluvia
			QToa Very old alluvial-fan deposit (early Pleistocene and Pliocene)	Qya+Qye	Young alluvia
		> TERTIARY and older	Debris-flow Fan Deposits	Qia+Qip	Intermediate
			Qyad Young debris-flow fan deposit (Holocene and latest Pleistocene) Older voung debris flow fan deposit (corres Holocene and latest Pleistocene)	Qia+Qig	and late Intermediate
			Qiad Intermediate debris-flow fan deposit (late and middle Pleistocene)	Qiae+Qig	middle P Intermediate
		J	Eolian Deposits	Qig+Qia	deposit (Intermediate
			Qae Active eolian sand deposit (latest Holocene)		middle P
			Qaed Active colian sand-dune deposit (latest Holocene) Oper Active colian sand ramp deposit (latest Holocene)		Combine
			Qaes Active colian sand-sheet deposit (latest Holocene)	Qaw+Qya	Active wash o Pleistoce
			Qye Young eolian sand deposit (Holocene and latest Pleistocene)	Qaw+Qyad	Active wash o latest Ple
			Qier Intermediate eolian sand-ramp deposit (late and middle Pleistocene)	Qyw+Qaw	Young wash o
			Mixed Wash, Alluvial-fan, and (or) Eolian Deposits Qawe Active mixed wash and colian deposit (latest Holocene)	Qyw+Qiw	Young wash d
			Qaae Active mixed alluvial-fan and eolian deposit (latest Holocene)	Qyw+Qla	Pleistoce
	HOLOCENE		Qywe Young mixed wash and eolian deposit (Holocene and latest Pleistocene)	Qiw+Qyw	Intermediate
-	ļ		Qyae Young mixed alluvial-fan and eolian deposit (Holocene and latest Pleistocene)		Pleistoce
			Qyea Young mixed eolian and alluvial-fan deposit (Holocene and latest Pleistocene)	Qaa+Qya	latest Ple
			Qiwe Intermediate mixed wash and colian deposit (late and middle Pleistocene)	Qaa+Qyad	Active alluvia and lates
		> QUATERNARY	Qoae Old mixed alluvial-fan and eolian deposit (middle and early Pleistocene)	Qya+Qia	Young alluvia Pleistoce
	> PLEISTOCENE		QToae Very old mixed alluvial-fan and eolian deposit (early Pleistocene and Pliocene)	Qya+Qiad	Young alluvia Pleistoce
			Playa Deposits	Qya+Qap	Young alluvia Holocene
			Qyp Young playa deposit (Holocene and latest Pleistocene)	Qya+Qilg	Young alluvia Pleistoce
			Qypf Young playa-fringe deposit (Holocene and latest Pleistocene)	Qya+Qig	Young alluvia
)		Qip Intermediate playa deposit (late and middle Pleistocene)	Qyag+Qilg	Young alluvia
			Valley-axis Deposits Qay Active valley-axis deposit (latest Holocene)	Qia+Qyw	Intermediate
		TEDTIADY or dollar	Qyv Young valley-axis deposit (Holocene and latest Pleistocene)	Qia+Qya	Intermediate
			Lacustrine Deposits	Qia+Qoa	and Hold Intermediate
			Qil Intermediate lacustrine deposit (late and middle Pleistocene)	Qia+Qye	middle a Intermediate
	-	J	Mixed Alluvial and Lacustrine Deposits	Qiao+Qvao	and Hold Intermediate
			QToal Quaternary old and Quaternary to upper Tertiary mixed alluvial and lacustrine (middle and early Pleistocene to Pliocene)	deposit	compose Old alluvial.4
			Groundwater-discharge Deposits		and late
			Qag Active groundwater-discharge deposit (latest Holocene)		(middle a
			Qags Active spring-mound groundwater-discharge deposit (latest Holocene) Qagw Active wetland groundwater discharge deposit (latest Holocene)	Qyad+Qiad	roung debris Pleistoce
			Qyg Young groundwater-discharge deposit (Holocene and latest Pleistocene)	Qiad+Qyad	Intermediate Pleistoce
			Qig Intermediate groundwater-discharge deposit (late and middle Pleistocene)	Qaae+Qyae	Active mixed (latest H
	X	N	Qigs Intermediate spring-mound groundwater-discharge deposit (late and middle Ple	eistocene) Qyae+Qiae	Young mixed deposit (
-			Mixed Lacustrine and Groundwater-discharge Deposits QTolg Quaternary intermediate, old, and Quaternary to upper Tertiary very old mixed	Qyae+Qig	Young mixed (Holocen
	> HOLOCENE		and groundwater-discharge deposits (Pleistocene and Pliocene)	Qiae+Qyae	Intermediate deposit (
	ł		Mass-wasting Deposits Hillslope Deposits	Qig+Qya	Intermediate Pleistoce
			Qha Young to old colluvial hillslope deposits, undifferentiated (Holocene and Pleistocene	2) Qig+Qyae	Intermediate
		OLIATEDNADY	Colluvial Deposits Qmc Young to old mass-movement colluvial denosit. undifferentiated (Holocene and Pl	eistocene)	Combined Sur
			Landslide Deposits	Qaw+Qiw	Active wash o Pleistoce
	> PLEISTOCENE		Qml Young to old mass-movement landslide deposit, undifferentiated (Holocene and Pl	eistocene) Qaw+Qig	Active wash o
			COMPOSITE MAP UNITS Veneered Map Units	Qiw+QToa	Intermediate
			Surficial-Deposit Veneers Overlying Older Geologic Units (Surficial or Substrate)	Qiw+QTolg	Intermediate
			Qye/Qyw Young eolian sand deposit overlying young wash deposit (Holocene and latest Ple overlying Holocene and latest Pleistocene)	istocene Qaa+QTolg	groundw Active alluvia
-	-		Qye/Qya Young eolian sand deposit overlying young alluvial-fan deposit (Holocene and lat Pleistocene overlying Holocene and latest Pleistocene)	est Qya+Qoa	groundw Young alluvia
			Qye/Qiw Young eolian sand deposit overlying intermediate wash deposit (Holocene and lat Pleistocene overlying late and middle Pleistocene)	est Qya+QToa	middle a Young alluvia
			Qye/Qia Young eolian sand deposit overlying intermediate alluvial-fan deposit (Holocene a Pleistocene overlying late and middle Pleistocene)	and latest	(Holocen Young alluvis
		> TERTIARY and older	Qye/Qoa Young eolian sand deposit overlying old alluvial-fan deposit (Holocene and latest	Pleistocene	lacustrin Pliocene
			Qye/QToa Young eolian sand deposit overlying Quaternary to upper Tertiary very old alluv	ial-fan Qya+QTolg	Young alluvia groundw
			Qye/ca+sl Young eolian sand deposit overlying carbonate and siliciclastic rocks (Holocene a	nd latest Qia+Qaw	Intermediate
	-	J	Pleistocene overlying pre-Quaternary) Qye/fp Young eolian sand deposit overlying felsic plutonic rocks (Holocene and latest Ple	Qia+QToa	Intermediate
			overlying pre-Quaternary)		deposit (

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n sand deposit overlying felsic volcanic rocks (Holocene and latest Pleistocene ng pre-Quaternary) n sand deposit overlying metamorphic rocks (Holocene and latest Pleistocene

ng pre-Quaternary) n sand deposit overlying partly consolidated deposits and rocks (Holocene and Pleistocene overlying pre-Quaternary, locally lower Quaternary)

n sand deposit overlying siliciclastic rocks (Holocene and latest Pleistocene ng pre-Quaternary) d alluvial-fan and eolian deposit overlying intermediate alluvial-fan deposit

ene and latest Pleistocene overlying late and middle Pleistocene) te alluvial-fan deposit overlying Quaternary to upper Tertiary very old alluvialbosit (late and middle Pleistocene overlying early Pleistocene and Pliocene) Colluvial Veneers Overlying Bedrock Substrate Units

posits overlying carbonate rock (Holocene and Pleistocene overlying aternary)

posits overlying carbonate and siliciclastic rocks (Holocene and Pleistocene

ng pre-Quaternary) posits overlying felsic plutonic rocks (Holocene and Pleistocene overlying

aternary) eposits overlying felsic volcanic rocks (Holocene and Pleistocene overlying

aternary) eposits overlying mafic plutonic rocks (Holocene and Pleistocene overlying aternary)

posits overlying metamorphic rocks (Holocene and Pleistocene overlying (aternary

posits overlying mafic volcanic rocks (Holocene and Pleistocene overlying aternary)

eposits overlying partly consolidated deposits and rocks (Holocene and Pleistocene ng pre-Quaternary, locally lower Quaternary) posits overlying siliciclastic rocks (Holocene and Pleistocene overlying pre-Quaternary)

Combined Map Units

bined Surficial Units that have Approximately Similar Age Ranges vial-fan deposit and young debris-flow fan deposit (Holocene and latest Pleistocene

olocene and latest Pleistocene) vial-fan deposit and young eolian sand deposit (Holocene and latest Pleistocene and ne and latest Pleistocene)

te alluvial-fan deposit and intermediate playa deposit (late and middle Pleistocene e and middle Pleistocene) te alluvial-fan deposit and intermediate groundwater-discharge deposit (late and

Pleistocene and late and middle Pleistocene) te mixed alluvial-fan and eolian deposit and intermediate groundwater-discharge it (late and middle Pleistocene and late and middle Pleistocene) te groundwater-discharge deposit and intermediate alluvial-fan deposit (late and

Pleistocene and late and middle Pleistocene) ined Surficial Units that have Approximately Sequential Age Ranges with no Discernible Age Gaps

n deposit and young alluvial-fan deposit (latest Holocene and Holocene and latest a deposit and young debris-flow fan deposit (latest Holocene and Holocene and

n deposit and active wash deposit (Holocene and latest Holocene)

deposit and intermediate wash deposit (Holocene and late and middle Pleistocene) 1 deposit and intermediate alluvial-fan deposit (Holocene and late and middle

te wash deposit and young wash deposit (late and middle Pleistocene and Holocene) te wash deposit and young alluvial-fan deposit composed of grus (late and middle cene and Holocene and latest Pleistocene)

vial-fan deposit and young alluvial-fan deposit (latest Holocene and Holocene and Pleistocene) vial-fan deposit and young debris-flow fan deposit (latest Holocene and Holocene

est Pleistocene) vial-fan deposit and intermediate alluvial-fan deposit (Holocene and latest

ocene and late and middle Pleistocene) vial-fan deposit and intermediate debris-flow deposit (Holocene and latest ocene and late and middle Pleistocene)

/ial-fan deposit and active playa deposit (Holocene and latest Pleistocene and latest

vial-fan deposit and intermediate lacustrine-gravel deposit (Holocene and latest cene and late and middle Pleistocene) /ial-fan deposit and intermediate groundwater-discharge deposit (Holocene and

Pleistocene and late and middle Pleistocene) vial-fan deposit composed of grus and intermediate lacustrine-gravel deposit ene and latest Pleistocene and late and middle Pleistocene) te alluvial-fan deposit and young wash deposit (late and middle Pleistocene and

te alluvial-fan deposit and young alluvial-fan deposit (late and middle Pleistocene olocene and latest Pleistocene) te alluvial-fan deposit and old alluvial-fan deposit (late and middle Pleistocene and

e and early Pleistocene) te alluvial-fan deposit and young eolian-sand deposit (late and middle Pleistocene olocene and latest Pleistocene)

e alluvial-fan deposit composed of grus and older young alluvial-fan deposit osed of grus (late and middle Pleistocene and early Holocene and latest Pleistocene) l-fan deposit and intermediate alluvial-fan deposit (middle and early Pleistocene e and middle Pleistocene)

l-fan deposit and Quaternary to upper Tertiary very old alluvial-fan deposit e and early Pleistocene and early Pleistocene and Pliocene) is-flow fan deposit and intermediate debris-flow fan deposit (Holocene and latest

ocene and late and middle Pleistocene) te debris-flow fan deposit and young debris-flow fan deposit (late and middle

cene and Holocene and latest Pleistocene) ed alluvial-fan and eolian deposit and young mixed alluvial-fan and eolian deposit Holocene and Holocene and latest Pleistocene)

d alluvial-fan and eolian deposit and intermediate mixed alluvial-fan and eolian t (Holocene and latest Pleistocene and late and middle Pleistocene) ed alluvial-fan and eolian deposit and intermediate groundwater-discharge deposit

ene and latest Pleistocene and late and middle Pleistocene) te mixed alluvial-fan and eolian deposit and young mixed alluvial-fan and eolian t (late and middle Pleistocene and Holocene and latest Pleistocene) te groundwater-discharge deposit and young alluvial-fan deposit (late and middle

cene and Holocene and latest Pleistocene) groundwater-discharge deposit and young mixed alluvial-fan and eolian deposit I middle Pleistocene and Holocene and latest Pleistocene)

Surficial Units that have Different Age Ranges with Discernible Age Gaps 1 deposit and intermediate wash deposit (latest Holocene and late and middle

1 deposit and intermediate groundwater-discharge deposit (latest Holocene and d middle Pleistocene)

te wash deposit and Quaternary to upper Tertiary very old alluvial-fan deposit l middle Pleistocene and early Pleistocene and Pliocene) te wash deposit and Quaternary to upper Tertiary very old mixed lacustrine and lwater-discharge deposit (late and middle Pleistocene and Pleistocene and Pliocene) ial-fan deposit and Quaternary to upper Tertiary very old mixed lacustrine and lwater-discharge deposit (latest Holocene and Pleistocene and Pliocene) vial-fan deposit and old alluvial-fan deposit (Holocene and latest Pleistocene and

and early Pleistocene) /ial-fan deposit and Quaternary to upper Tertiary very old alluvial-fan deposit cene and latest Pleistocene and early Pleistocene and Pliocene) vial-fan deposit and Quaternary to upper Tertiary very old mixed alluvial and ine deposit (Holocene and latest Pleistocene and middle and early Pleistocene and

ial-fan deposit and Quaternary to upper Tertiary very old mixed lacustrine and water-discharge deposit (Holocene and latest Pleistocene and Pleistocene and Pliocene) te alluvial-fan deposit and active wash deposit (late and middle Pleistocene and Holocene) e alluvial-fan deposit and Quaternary to upper Tertiary very old alluvial-fan

it (late and middle Pleistocene and early Pleistocene and Pliocene)

Qia+QTolg	Intermediate alluvial-fan deposit and Quaternary to upper Tertiary very old mixed lacustrine and groundwater-discharge deposit (late and middle Pleistocene and Pleistocene and Pliocene)
QToa+Qia	Quaternary to upper Tertiary Very old alluvial-fan deposit and intermediate alluvial-fan deposit (early Pleistocene and Pliocene and late and middle Pleistocene)
Qyae+Qoae	Young mixed alluvial-fan and eolian deposit and nidel and early Pleistocene)
Qyae+QTolg	Young mixed alluvial-fan and eolian deposit and Quaternary to upper Tertiary very old
01 07	and Pleistocene and Pliocene)
Qiae+Q1oae	mixed alluvial-fan and eolian deposit (late and middle Pleistocene and early Pleistocene and Pliocene)
Qilg+QToal	Intermediate lacustrine gravel deposit and Quaternary to upper Tertiary very old mixed alluvial and lacustrine deposit (late and middle Pleistocene and middle and early Pleistocene and Pliacene)
Qig+QToa	Intermediate groundwater-discharge deposit and Quaternary to upper Tertiary very old
QTolg+Qya	alluvial-fan deposit (late and middle Pleistocene and early Pleistocene and Pliocene) Quaternary to upper Tertiary very old mixed lacustrine and groundwater-discharge deposit and
QTolg+Qye	Quaternary to upper Tertiary very old mixed lacustrine and groundwater-discharge deposit and
	young eolian sand deposit (Pleistocene and Pliocene and Holocene and latest Pleistocene) Combined Surficial Deposits with Exposed Bedrock Substrates
Qyw+fp	Young wash deposit and felsic plutonic rocks (Holocene and latest Pleistocene and nre-Quaternary)
Qiw+pc	Intermediate wash deposit and partly consolidated deposits (late and middle Pleistocene and pre-Quaternary locally lower Quaternary)
Qya+fp	Young alluvial-fan deposit and felsic plutonic rocks (Holocene and latest Pleistocene and
Qya+fv	Young alluvial-fan deposit and felsic volcanic rocks (Holocene and latest Pleistocene and
Qya+mv	Young alluvial-fan deposit and mafic volcanic rocks (Holocene and latest Pleistocene and
Qya+pc	pre-Quaternary) Young alluvial-fan deposit and partly consolidated deposits and rocks (Holocene and latest
Qya+sl	Pleistocene and pre-Quaternary, locally lower Quaternary) Young alluvial-fan deposit and siliciclastic rocks (Holocene and latest Pleistocene and
Qyag+fp	pre-Quaternary) Young alluvial-fan deposit composed of grus and felsic plutonic rocks (Holocene and latest
Qia+fp	Pleistocene and pre-Quaternary) Intermediate alluvial-fan deposit and felsic plutonic rocks (late and middle Pleistocene and
Qia+fv	pre-Quaternary) Intermediate alluvial-fan deposit and felsic volcanic rocks (late and middle Pleistocene and
Qia+mp	pre-Quaternary) Intermediate alluvial-fan deposit and mafic plutonic rocks (late and middle Pleistocene and
Qia+mr	pre-Quaternary) Intermediate alluvial-fan deposit and metamorphic rocks (late and middle Pleistocene and
Qia+mv	pre-Quaternary) Intermediate alluvial-fan deposit and mafic volcanic rocks (late and middle Pleistocene and
Qia+pc	pre-Quaternary) Intermediate alluvial-fan denosit and nartly consolidated denosits and rocks (late and middle
Oiatel	Pleistocene and pre-Quaternary, locally lower Quaternary)
Qiatsi	pre-Quaternary)
Qiag+ip	Pleistocene and pre-Quaternary)
Qua+mir	pre-Quaternary)
Qoa+pc	pre-Quaternary, locally lower Quaternary)
Qig+pc	and middle Pleistocene and pre-Quaternary)
pc+Qya	Partly consolidated deposits and rocks and young alluvial-fan deposit (Pre-Quaternary, locally lower Quaternary and Holocene and latest Pleistocene)
Omi	VOLCANIC ROCKS
Qmv	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL)
Qmv	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS
Qmv Qpv	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown)
Qmv Qpv Qpi	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS
Qmv Qpv Qpi Qpi-ca+sl	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS Incised pediment developed on carbonate and siliciclastic rocks (age unknown developed on pre-Ouaternary)
Qmv Qpv Qpi Qpi-ca+sl Qpi-fp	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS Incised pediment developed on carbonate and siliciclastic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary)
Qmv Qpv Qpi Qpi-ca+sl Qpi-fp Qpi-fv	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS Incised pediment developed on carbonate and siliciclastic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary)
Qmv Qpv Qpi Qpi-ca+sl Qpi-fp Qpi-fv Qpi-mv Qpv-fp	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS Incised pediment developed on carbonate and siliciclastic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic volcanic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic volcanic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary)
Qmv Qpv Qpi Qpi-ca+sl Qpi-fp Qpi-fv Qpi-mv Qpv-fp	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS Incised pediment developed on carbonate and siliciclastic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic volcanic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary)
Qmv Qpv Qpi Qpi-ca+sl Qpi-fp Qpi-fv Qpi-mv Qpv-fp	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS Incised pediment developed on carbonate and siliciclastic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic volcanic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on siliciclastic rocks (age unknown developed on pre-Quaternary)
Qmv Qpv Qpi Qpi-ca+sl Qpi-fp Qpi-fv Qpi-fv Qpv-fp Qpv-sl	VOLCANIC ROCKS Mafic volcanic rock (Quaternary) PEDIMENT SURFACES (EROSIONAL) SINGULAR MAP UNITS Veneered pediment (age unknown) Incised pediment (age unknown) COMPOSITE MAP UNITS Incised pediment developed on carbonate and siliciclastic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic volcanic rocks (age unknown developed on pre-Quaternary) Incised pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on felsic plutonic rocks (age unknown developed on pre-Quaternary) Veneered pediment developed on siliciclastic rocks (age unknown developed on pre-Quaternary) SUBSTRATE MATERIALS (PRE-QUATERNARY) Carbonate rocks (pre-Quaternary)
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longer arrow on backlimb Axis, tilted panel of homoclinally rotated strata (fault related)—Double arrows in direction of rotation

1:62,500, https://doi.org/10.3133/sim3496

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