




























# Arizona Geology

	Tby		Xfq--felsic volcanic rocks and quartzite
	Ys		Xd--'madera' diorite
	Yg1--'Ruin' granite		Xgl
	Tfp--felsic lavas of Picketpost Mountain		Kmv
	Tv--unclassified volcanic rocks		P
	Yad--Apache Group, Troy Quartzite, and Diabase		Trc
	Qlyf-Fine-grained deposits		Tmf--unit of Mesquite Flat
	Qo-Deeply dissected alluvial-fan remnants		Xgb --granite of Bulldog canyon
	Qml-Middle alluvium, undifferentiated		Xp--Pinal Schist, undivided
	Qyr-floodplain and low terrace deposits		Xpa-- Pinal, amphibolite
	Xsp-- phyllite and argillite		TKgm--Granite Mountain Porphyry
	Xqd		TKtc-Teacup granodiorite
	Xm		Kd-diorite and diorite porphyry
	Jg		Teb--lamproite of Elephant Butte
	MC		Qmo--dissected old alluvial fan deposits
	MzPz		Xss--psammite
	Mzo		QTb
	QTV		Xgm
	Tvy		TKp
	Tl--lacustrine sediments		Tsmv
	Trw--rhyodacite of Whitlow Canyon		Tal--Apache Leap tuff
	Trwi--hypabyssal intrusions, Whitlow canyon		Td--Government Well, Dacite
	Trl--unit of Tule Canyon		Tfi--felsic intrusive rocks
	Trlt--tuff w/ Trl		YXgu--granite of Usery Mtns.
	Ta--andesite		Xgn--Estrella gneiss
	Yg2--'Oracle' granite		Tsu--sandstone & siltstone (Pliocene-Late Miocene)
	YXgg--granite of Goldifeld		Ya--Apache Group
	TKdd--dacitic dikes		Yta-- Troy Quartzite and Apache Group
	TKta--Teacup granodiorite, aplite phase		Qmlf-fine-grained relict alluvial fan and terrace deposits
	Ktg--Tortilla quartz diorite, granodiorite phase		Piedmont and alluvial fan deposits
	Kx-Intrusive(?) breccia		Qtc-Talus and colluvium
	Qlyr-Terrace deposits		Qs-Surficial deposits
	Trli--Tule Canyon, intrusive rhyolite		YXc--granite of Camelback Mountain
	Trwt--tuffs w/ Trw		Xq
	Tev--older volcanic rocks, Haunted canyon		Xf
	Tcu--Conglomerate (Pliocene-Late Miocene)		Q
	Yt-- Troy Quartzite		Jv
	MCs--lower Paleozoic		Tbs--basaltic scoria
	Basin Floor Deposits		Tx2--post caldera monolith breccia
	Qlr-moderately high, moderately dissected terrace depos		Xgd-'madera' qtz diorite, granodiorite, granite
	Major River deposits		TKr-Kspar porphyritic rhyolite dikes
	Xsq--quartzite		TKrd--rhyodacite dikes, (quartz porphyry)
	Tim		TKtp--Teacup granodiorite, porphyritic phase
	Js		TKg--granite of Sacaton Peak
	Trm		Kmm-Mineral Mountain Quatz monzonite
	Tty--tuff		Kqd-quartz diorite of Peachville Wash
	Tb--basalt lava		Tdi--Government well, intrusive phases
	Trut--tuffs, geronimo head		Tdt--Government Well, tuff
	Trui--Geronimo Head, intrusive		Tab--q-phryic mafic lava
	Tx--sedimentary breccia and rock avalanche deposits		Trp--Pass Mountain, crystal poor rhyolite
	Tm--older basalt lavas		Trdt--tuffs associated with Trdu
	Yg3--porphyritic granite of Olberg		Tcy--conglomerate
	YXpg-- foliated porphyritic granite, association unknown		Cb--Bolsa Quartzite
	TKtm--Teapot Mountain porphyry		Xpc-calc-silicate and amphibolite facies
	TKd-dark dacite dikes		QTls-Landslide deposits
	QTI-Landslide deposits		Qmf--old fine-grained basin floor deposits
	Ttn-- tuff of North Butte		Xvf--felsic volcanic rocks
	Trb--dacite of Buzzard's Roost		Xfi--intermediate to felsic hypabyssal intrusive rocks
	Txp--Breccia, shattered Pinal Schist		Xgfp--fine-grained porphyritic granite
	d-Disturbed surficial deposits		Xg-- granite, undivided
	Xfq--felsic volcanic rocks and quartzite		Xr
	Xd--'madera' diorite		Tsv
	Xgl		Qt
	Kmv		Jgc
			Pz
			Tsyl--Pemberton Ranch formation
			Tsl--pre-volcanic sedimentary rocks
			Ygm--muscovite granite

	Ygm--muscovite granite		Tru--Unit of Geronimo Head
	Xge		Tvl--Latite lava flows
	Xh--'madera' hornblendite		Xgt--granite of Tovera Castle
	Trbt--Buzzard's Roost, tuffs		TKps--porphyry of Sacaton copper deposit
	Trdu--undifferentiated felsic lavas		Qyf-Fine-grained alluvial-fan and terrace deposits
	Tf--unclassified felsite		Tch--Chaos
	Qmr-high, dissected terrace deposits		Qy-Low terrace and alluvial fan deposits
	Xs--metasedimentary rocks		YXgp-- foliated porphyritic granite, association unknown
	Xgp--granite of Userly Mtns.		Ygf--fine to medium grained equigranular granite
	Xms		Yg--porphyritic biotite granite
	Kg		Water
	Qm1		Xa
	Jm		Kgd
	KJs		Kgd
	Ks		
	PP		
	Tts--tuff and tuffaceous sandstone		
	Xpp--Pinal, phyllite		
	Qyc-Active alluvium		
	Tg1--granodiorite of South Mountains		
	Tfpi--Picketpost Mtn, intrusions		
	Tftp-Picketpost Mtn, tuffs		
	Tsm--sedimentary rocks, deposited during volcanism		
	Tbu-basalt (8-16 Ma)		
	Yd-- Diabase		
	Ytd--Troy Quartzite and diabase		
	Qycr-River gravels		
	Xvs--volcanic and sedimentary rocks undivided		
	Xgf--fine- to medium-grained equigranular biotite granite		
	YXgm--mafic granitic rocks		
	Xt		
	Tr		
	Tg		
	Qm2		
	Jsv		
	Tsy--sandstone		
	Ts--conglomerate; some interbedded basalt		
	YXg--unclassified granite		
	Kt--Tortilla quartz diorite		
	Tfb--felsite of Bulldog Canyon		
	Tg2--granite of Wood Camp Canyon		
	Th--hypabyssal intrusive rocks, unclassified		
	PPn--Naco Formation		
	Qly-Young alluvium		
	Ql-moderately dissected alluvial fan and terrace deposits		
	QTr-High, degraded remnant terrace deposits		
	Xvt--tuff		
	Tso		
	Tsyo--younger sediments lower unit		
	Tfy--felsic volcanic rocks		
	Talx-mega and meso breccia assoc w/ Tal		
	Tdm--Government well, mafic lavas		
	Tt--unclassified tuff		
	TKpg--porphyry of Government Hill		
	TKgs--granite of Signal Peak		
	Qye-Eolian deposits		
	Qm-Dissected alluvial-fan and terrace deposits		
	Xv--metavolcanic rocks		
	Xsc--conglomerate		
	Xmv		
	Trt		
	Ti		
	Tbl		
	QTs		
	Kv		
	Trcs		
	Tru--Unit of Geronimo Head		
	Tvl--Latite lava flows		