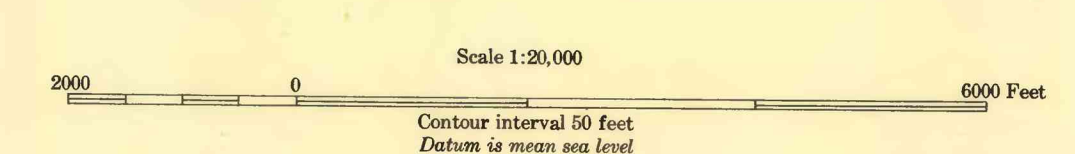


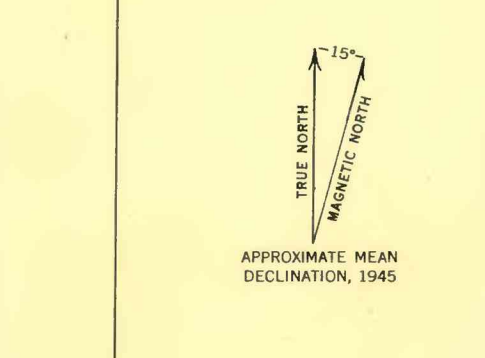
EXPLANATION	
	Alluvium Gravel, sand, and silt along streams and in basins; includes some alluvial fans
	Terrace deposits Gravel, sand, and silt
	Sanders basalt QTs, hydrocrystalline andesine-basalt flows, usually coarsely vesicular; QTs, landslide blocks of Sanders basalt
	Wilder formation QTw, porphyritic olivine basalt flows, in places with scoria- ous tops, striae phenocrysts conspicuous; QTw, intrusive plug of olivine basalt; QTw, coarse pyroclastic basaltic de- posits formed as cinder cones or interbeds of pyroclastic in- flows; bedding if present, usually steeply inclined; QTw, basaltic tuffaceous sediments including some vesicular cinder cone material; may include some gravel and sand, bedding essentially horizontal; QTws, landslide blocks of Wilder for- mation
	Gila(?) conglomerate QTc, conglomerate, sandstone, and limestone interbedded with basaltic and rhyolitic rocks; fluvial and lacustrine, essen- tially valley-fill deposits; QTc, water-laid rhyolitic tuff in- terbedded with conglomerate, at places altered to spongy opaline rock
	Quartz monzonite porphyry Hydrothermally altered; contains orthoclase, plagioclase, and quartz phenocrysts; occurs as dikes and plugs
	Diorite porphyry Dikes and plugs, includes some quartz diorite porphyry
	Quartz monzonite Occurs as stocks, including the copper-bearing stock at Bagdad
	Rhyolite Porphyritic, with alkali and quartz phenocrysts, occurs as dikes and plugs
	Grayback Mountain rhyolite tuff Welded rhyolite tuff
	Aplite-pegmatite Occurs as dikes and masses. The dashed lines were traced from aerial photographs
	Cheney Gulch granite Fine-grained biotite granite
	Lawler Peak granite lg, porphyritic muscovite-biotite granite with large orthoclase phenocrysts; lgn, muscovite facies, muscovite only mica
	Grandiorite gneiss gg, biotite granodiorite gneiss; gg, granodiorite gneiss mixed with Lawler Peak granite
	Alaskite al, medium- to coarse-grained alaskite; alg, alaskite and gabbro, mixed
	Alaskite porphyry alp, alaskite porphyry with fine phenocrysts; ground- mass; al, alaskite porphyry with microcrystalline ground- mass; lal, alaskite porphyry and Lawler Peak granite; cal, contaminated alaskite porphyry, mixture of alaskite por- phyry and older volcanic rocks
	Diabase In part, related to gabbro and in part, younger than alaskite porphyry
	Quartz diorite Slate differentiates from gabbro; may be partly mixed with Lawler Peak granite
	Anorthosite Intrusive dikes in gabbro
	Gabbro gb, gabbro, locally schistose; gl, gabbro and Lawler Peak granite, mixed
	Dick rhyolite Quartz phenocrysts in a microcrystalline groundmass; forms intrusive masses
	King Peak rhyolite Nonporphyritic, forms intrusive masses
	Hillside mica schist Includes quartz mica schist and muscovite quartzite
	Butte Falls tuff bt, largely quartz-bearing tuffaceous sedimentary rocks recrystallized to schist; btg, mixed tuff and Lawler Peak granite
	Bridle formation bv, metamorphosed andesite and basalt flows with intercalated tuffs and sediments; br, rhyolitic tuff unit intercalated with basaltic flows; bs, Bridle formation mixed with alaskite porphyry; bs, schistose facies of Bridle formation with light- colored spots
	Quartz veins and pods v, quartz vein with lead-zinc, copper, silver, and gold; vw, small parallel quartz veins with tungsten; q, barren quartz veins and pods
	Breccia Character of fragments may be indicated by color and pattern; forms breccia pipes and dikes

**GEOLOGIC MAP
OF THE
BAGDAD AREA, YAVAPAI COUNTY, ARIZONA**

Geology by C. A. Anderson, E. A. Scholz, and J. D. Strobell,
1943-1945. Topography by U. S. Geological Survey, 1945



EXPLANATION	
	Plunge of minor syncline
	Strike and dip of foliation, parallel to bedding
	Strike and dip of foliation, overturned bedding
	Strike and dip of foliation
	Strike of vertical foliation
	Strike and dip of foliation and plunge of lineation
	Strike of vertical dipping oriented phenocrysts
	Mine
	Portal of adit
	Probable fault
	Small prospect pit
	Plunge of minor anticline
	Strike of vertical foliation and plunge of lineation
	Strike and dip of oriented phenocrysts
	Strike of vertical dipping oriented phenocrysts
	Fault, showing dip
	Vertical fault
	Probable fault
	Plunge of minor anticline



34° 37' 30"

34° 35' 00"

34° 37' 30"

34° 37' 30"

34° 37' 30"

34° 35' 00"

34° 37' 30"

34° 37' 30"

QUATERNARY
 TERTIARY(?) AND QUATERNARY(?)
 CRETACEOUS(?) OR TERTIARY(?)
 PRE-CAMBRIAN