59-31

CALIFORNIA 1:62,500

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

FIRST EDITION-AMS 1

Geology by T.W. Dibblee Jr
March 1954

INYOKERN QUADRANGLE

KERN COUNTY CALIFORNIA
15 MINUTE SERIES

Qls landslide

Qa alluvium

Qoa older alluvium & fanglomerate

Qbb Black Mountain basalt lava

Tr Ricardo tuff-breccia, ash, bentonite

Tg Goler (upper) soft light brown cobble conglomerate of rounded cobbles of quartzite & porphyries; minor lentils of arkosic hard sandstone & of gray clay shale

gr leucocratic granitic rock, aplite & pegmatite

gd biotite granodiorite & quartz-monzonite

qd biotite-hornblende quartz-diorite commonly gneissoid

di hornblende diorite & gabbro, locally gneissoid (gd); with inclusions of schist Mesquite (?)

ms metasediments, chiefly dark mica-schist, minor lentils of quartzite, lime-hornfels & limestone; includes meta basalt, mb

Contact

Gradational contact

Fault

Concealed fault

Shear zone

Mine

Quarry

Strike and dip of bedding

Dip of lava flow

Strike and dip of foliation (parallel to bedding in metasedimentary rocks)

Strike of vertical foliation

Strike of overturned foliation

Quaternary — Recent — Pleistocene — Pliocene — Eocene — Tertiary — Mesozoic — Paleozoic

First Edition 1943

Prepared under the direction of the Chief of Engineers, U. S. Army, 1943.
Control by U. S. C. & G. S., U. S. G. S. and Fairchild Aerial Surveys, Inc.
Topography by Fairchild Aerial Surveys, Inc., by Stereophotogrammetric Process.
Photography by Fairchild Aerial Surveys, Inc., Los Angeles, California, 1943.
Polyconic Projection, 1927 North American Datum.

ROAD CLASSIFICATION 1943

Dependable hard surface heavy duty road — Loose surface graded, dry weather road — U S Route 395
Secondary hard surface all weather road — Dirt Road — State Route 30
More than two lanes indicated by note along road with tick at point of change — 3 LANE | 4 LANE

Brush

Scale 1:62,500

CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL

FIVE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS IN THE U S" ZONE 6 U S C & G S SPECIAL PUBLICATION NO 30
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
CALIFORNIA STATE GRID ZONE 5 IS INDICATED BY DOTTED TICKS OUTSIDE THE NEAT LINE AT 10 000 FOOT INTERVALS

APPROXIMATE MEAN DECLINATION 1943 FOR CENTER OF SHEET
ANNUAL MAGNETIC CHANGE 1' DECREASE

Use diagram only to obtain numerical values. To determine magnetic north line, connect the proof point "P" on the south edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale of the north edge of the map.

ARMY MAP SERVICE U. S. ARMY, WASHINGTON D. C. 1943

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