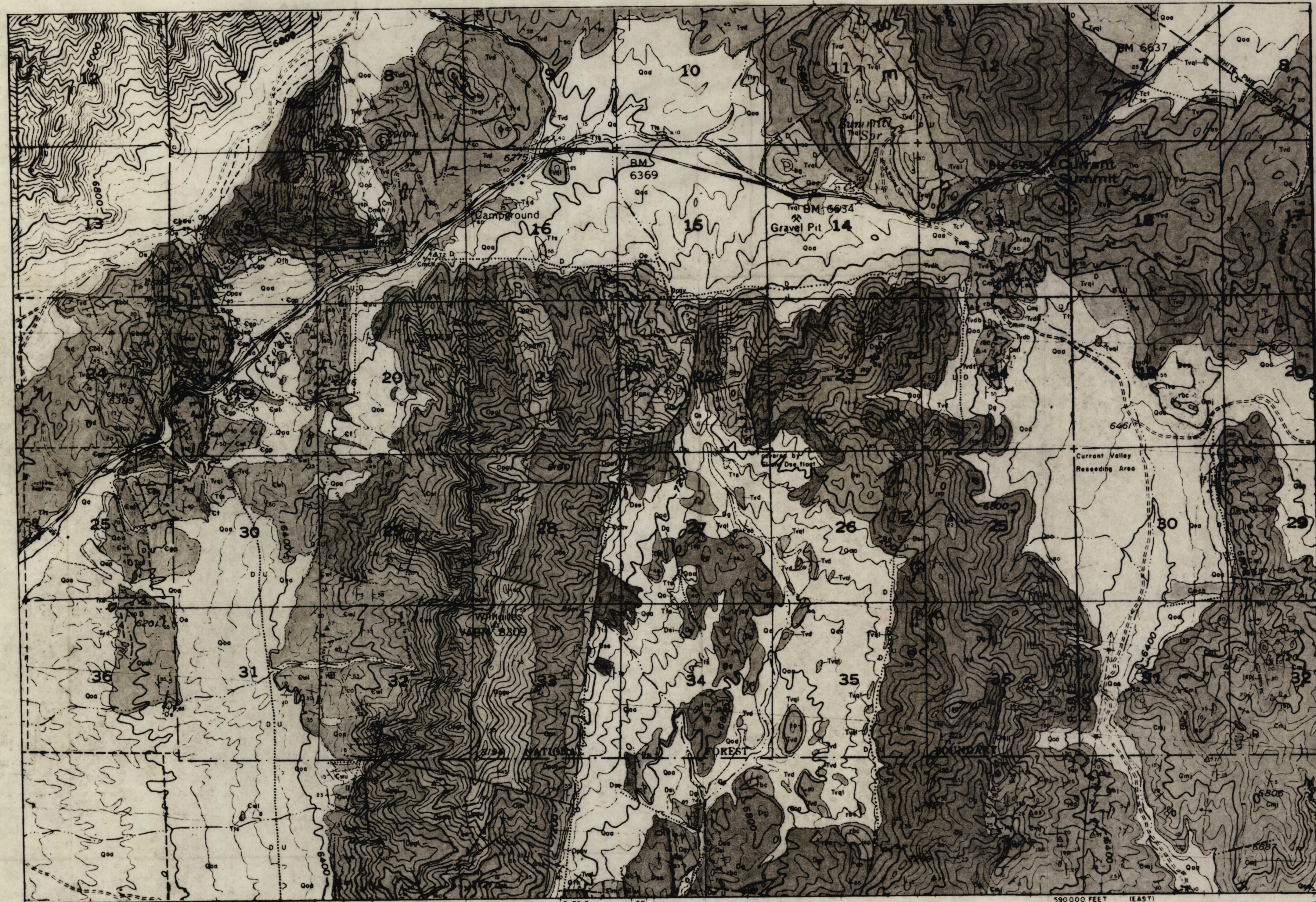


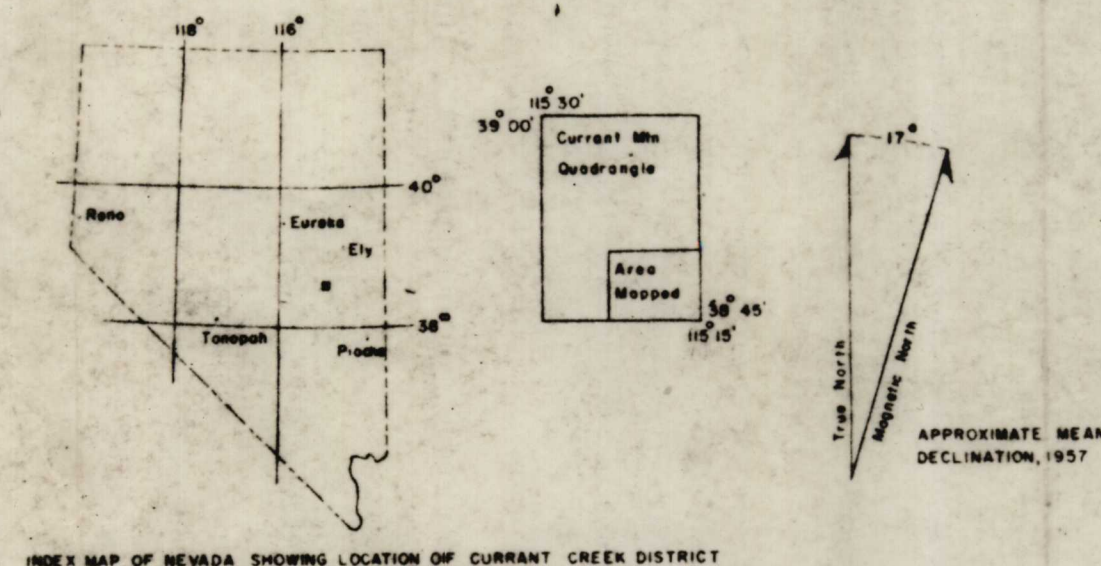
EXPLANATION



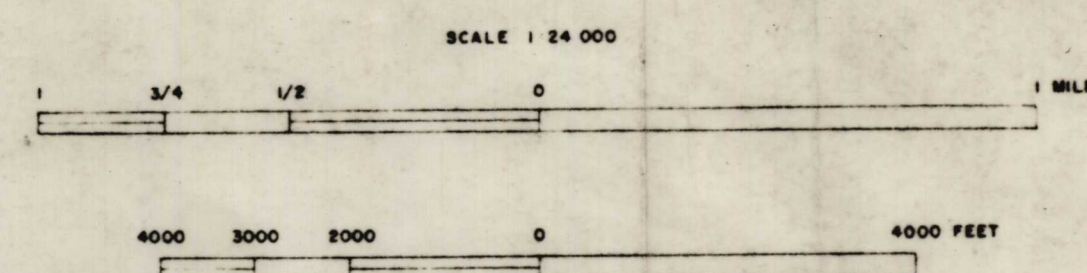
Topographic base by U.S. Geological Survey, Currant Mtn. Quadrangle, 1957

Geology by Jeremy Wine, 1959

GEOLOGIC MAP OF THE CURRANT CREEK DISTRICT,
NYE AND WHITE PINE COUNTIES, NEVADA



INDEX MAP OF NEVADA SHOWING LOCATION OF CURRANT CREEK DISTRICT



CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL

CONTACT
Solid where exactly located, dashed where approximately located,
dotted where inferred or concealed

FAULT
Showing dip, solid where exactly located, dashed where approximately
located, dotted where inferred or concealed
Result of movement: U up, D down

THRUST FAULT
Showing dip, bars on upper plate. Solid where exactly
located, dashed where approximately located

Strike and dip of bed

Strike and dip of overturned bed

Generalized dip, strike unknown

Horizontal strata Vertical strata

Axis of anticline, showing direction and amount of plunge
Dashed where approximately located. Minor fold-limb attitudes shown

Axis of syncline, showing direction of plunge
Dashed where approximately located

Traceable bed

FOSSIL LOCALITY

PROSPECT PIT QUARRY ADIT OR CROSSCUT

SEDIMENTARY AND BEDDED VOLCANIC ROCKS

Qs
Recent stream alluvium
Gravel, sand, and silt.

Qos
Older alluvium
Unconsolidated cover of rubble,
gravel, and sand.

Tfs
Tuffaceous sandstone
Gray, poorly indurated,
eg - local conglomerate.

Tql
Quartz latite welded tuffs
White to pink, locally unwelded, with
lithic fragments abundant. bg - black
glassy phase. Marker beds within unit
shown by dashed lines.

Tcl
Current tuff
White to gray tuffaceous sandstone,
with local basal conglomerate.

Tva
Andesite flow rocks
Dark-brown to black, includes some
vesicular basalt.

Tvd
Dolomite flow rocks
Gray, red, or purple, variable
texture. Unit includes shallow
intrusive bodies.

Tvd
Dolomite tuff
White, locally welded.

Tvd
Dolomite breccia
Red to green, variable texture.

Jsp
Jasperoid
Silicified fault surfaces and
silicified erosion surfaces.

rbs
Residual breccia and conglomerate
Reddish-weathering, associated with
ancient erosion surface.

U
Ely limestone
Dark-gray, cherty,
mostly tectonic breccia.

Chl
Chert
Dark-brown to light-gray, unit includes
local sandstone breccia.

Csh
Chert
Black to yellow, fissile, nonresistant.

Cm
Chert
Lower part - dark-gray, massive, cherty,
and crinoidal. Upper part - bluish-gray,
argillaceous, very fossiliferous.

U
Guilmette formation
Dark-gray, generally massive limestone and
dark-brown to gray dolomite.

Si
Simonsen dolomite
Gray to dark-brown, sedimentary
structures common.

Se
Sey dolomite
Light-gray, homogeneous lithology with
generally aphanitic texture.

Stu
Laketown dolomite - upper member
Light-brown, coarse-grained.

Sim
Laketown dolomite - middle member
Light-gray, coarse-grained, massive.

Sll
Laketown dolomite - lower member
Gray to brown, heterogeneous lithology,
sedimentary textures and structures common.

Oh
Fish Haven dolomite
Brown, crinoidal, with intraformational
conglomerate common.

Qe
Eureka quartzite
White, vitreous, mostly tectonic breccia.

Opp
Antelope Valley limestone
Bluish-gray, generally massive, with
irregular arenaceous or argillaceous
partings.

Nm
Nimrod formation
Bluish-gray to olive-gray,
slope-forming limestone.

Ogm
Goodwin formation - upper member
Medium-gray, cherty, massive limestone.

Ogm
Goodwin formation - middle member
Gray to brown dolomite.

Ogm
Goodwin formation - lower member
Bluish- to dark-gray, cherty,
cliff-forming limestone.

Wl
Wilhoite limestone - upper member
Dark-gray, thin-bedded to massive,
cherty and argillaceous.

Wl
Wilhoite limestone - lower member
Bluish-gray to medium-gray, argillaceous,
and very fossiliferous. Marker beds
within unit shown by dashed lines.

F
Fanceline formation
Black, dark-brown, or olive, interbedded
limestone and micaceous shale.

Rp
Raid Point limestone
Dark-gray, thin-bedded, slope-forming.
Contains yellow interbedded siltstone.
Dashed line indicates marker bed.

Cm
Boundary Canyon formation - upper member
Medium- to light-gray, coarse-grained,
massive limestone.

Cm
Boundary Canyon formation - middle member
Dark-gray, flaggy weathering,
argillaceous limestone.

Cm
Boundary Canyon formation - lower member
Black, partially oolitic limestone
and light-brown to olive, micaceous shale.

Id
Dolomite dike

Id
Dolomite dike

Id
Dolomite dike

Id
Dolomite dike