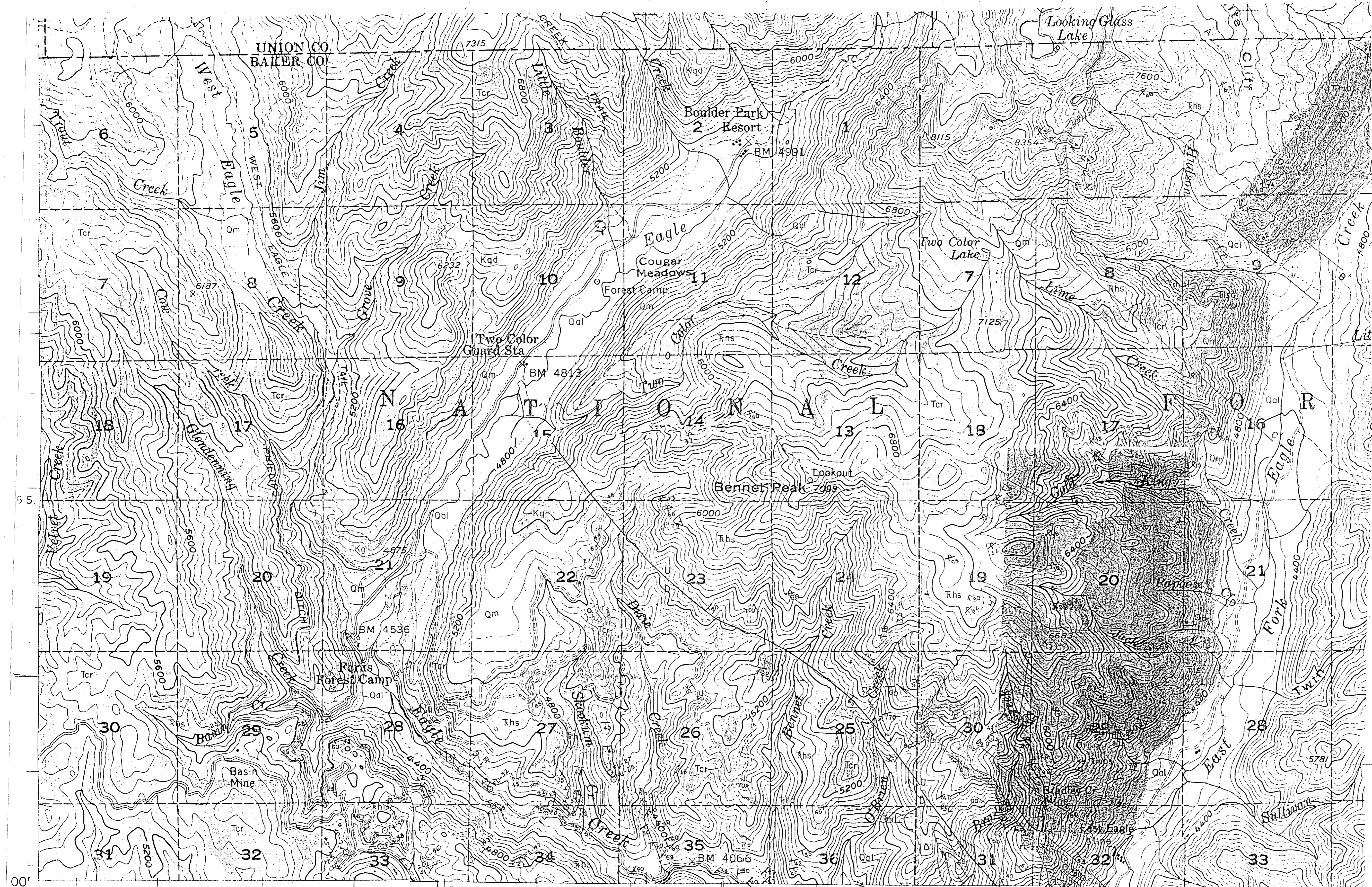


# GEOLOGIC MAP OF THE SOUTHWESTERN PART OF EAGLE CAP QUADRANGLE

WALLOWA MOUNTAINS, OREGON

BY GARY CARNAHAN

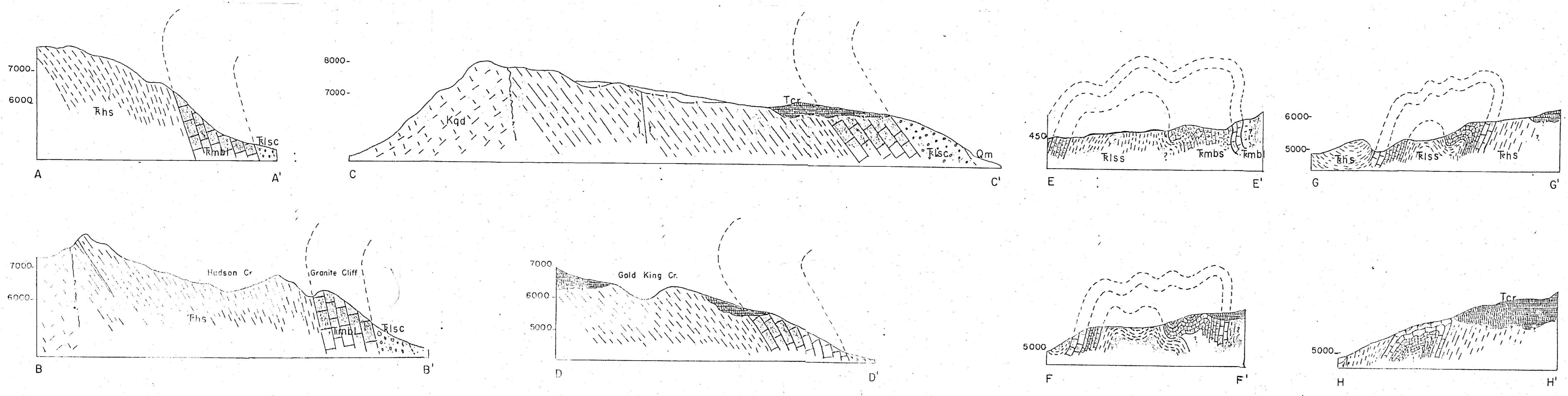
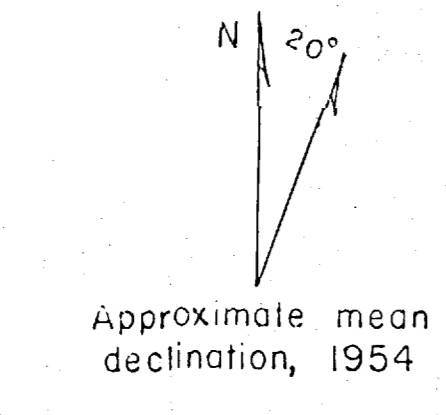
OREGON STATE UNIVERSITY, GEOLOGICAL DEPARTMENT  
 OSU 433C  
 1962  
 27  
 Cep. 2



117° 30' 00" W  
 Topographic control by USGS and USC & GS  
 Contour interval 80 feet  
 Datum is mean sea level

R. 43 E.      SPARTA 14 MI.      (SPARTA)      SPARTA 13 MI.      R. 44 E.

Scale 1/20,833



## - Legend -

### STRATIGRAPHIC UNITS

- Qa  
(Alluvium)  
Unconformity
- Qn  
(Glacial deposits)  
Unconformity

- Tcr  
Columbia River Basalt  
Basalt & olivine basalt  
flows & dikes  
Unconformity

- Rhl  
Hurwal formation

- Rhs - Siltstones, mudstones  
laminated thin to thick-bedded siltstones  
& mudstones; metasediments, argillites &  
schists.
- Rhl - Limestone lentils  
bedded & massive bioclastic &  
fragmental limestone; marble
- Rhc - Conglomerate lentils  
massive greenstone & limestone  
conglomerates

- Rmb  
Martin Bridge formation

- Rmb1 - Upper limestone unit  
massive & bedded limestones, marble,  
limestone & greenstone conglomerates.
- Rmbs - Siltstone unit  
laminated calcareous siltstones, greenstone-  
limestone conglomerates, calcilutites, &  
greenstone conglomeratic limestone.

- Rlsc  
Lower Sedimentary Series

- Rlsc - Conglomerate unit  
greenstone conglomerate with lentils  
of limestone & argillites
- Rlss - Siltstone-sandstone unit  
laminated & graded beds of siltstone  
& sandstone

### INTRUSIVE UNITS

- Kqd  
Quartz diorite
- Kg  
Melagabbro

### - Symbols -

- U fault
- contact
- dip & strike
- plunging anticline
- overturned
- FL-1 fossil locality
- adit
- mine

QUATERNARY

TERTIARY

UPPER TRIASSIC

CRETACEOUS