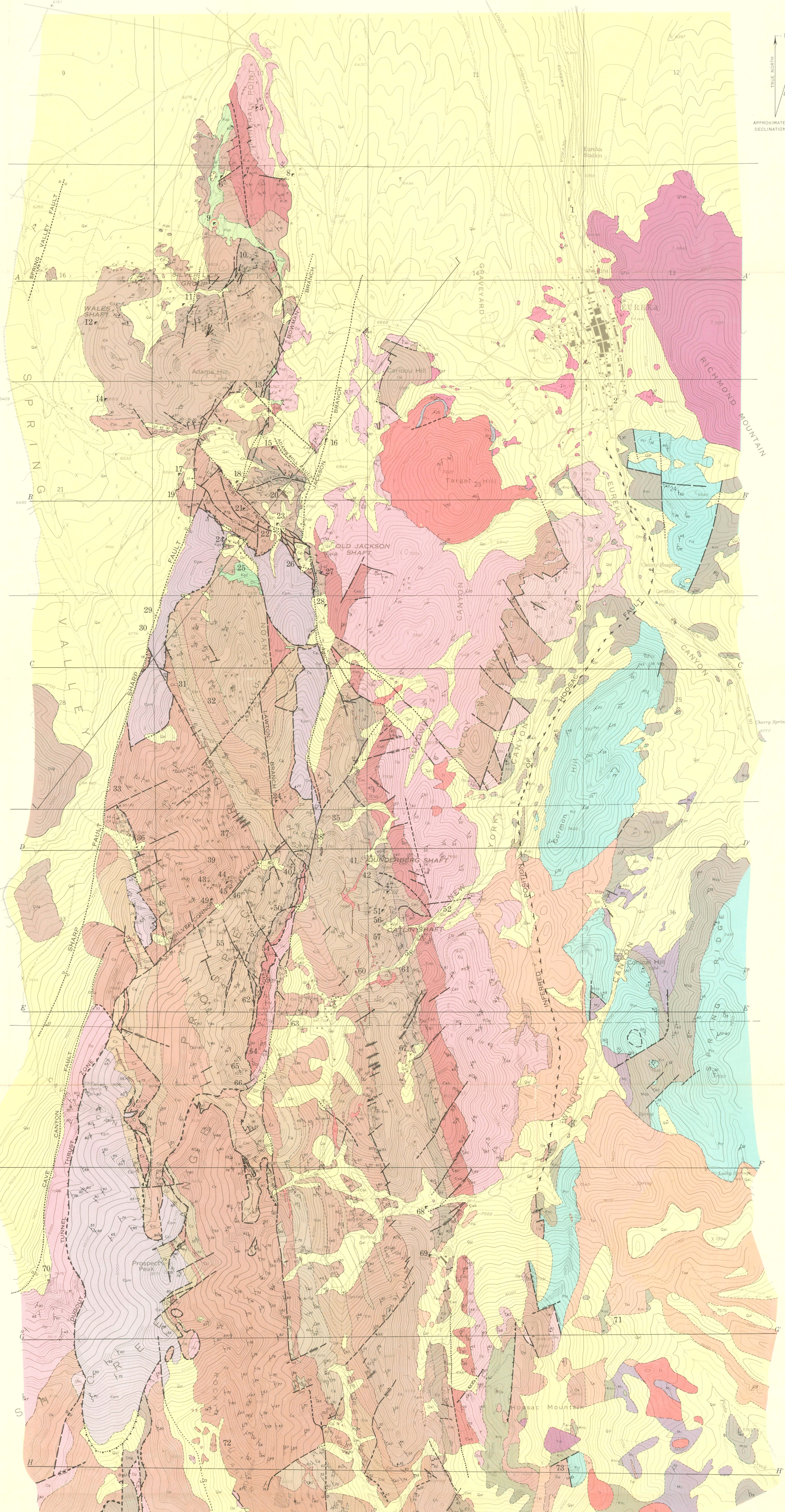


- INDEX TO NUMBERED LOCALITIES**
- NUMERICAL**
- Eureka Consolidated smelter, site of
 - Richmond smelter, site of
 - Seventy Six mine
 - Merritt tunnel
 - Holly Extension mine
 - Bullhacker mine
 - Williamsburg mine
 - Holly mine
 - T. L. shaft
 - Helen shaft
 - Cyanide shaft
 - Wales shaft
 - Bowman mine
 - Price and Davis shaft
 - New Richmond shaft
 - Fad shaft
 - Albion shaft
 - Richmond shaft
 - Albion smelter, site of
 - Loan shaft
 - Bell shaft
 - Lawton shaft
 - KK mine
 - Granite tunnel
 - Rogers tunnel
 - Phoenix mine
 - Jackson mine
 - American shaft
 - Charter tunnel
 - Roberts tunnel
 - Frenchmans tunnel
 - Grant mine
 - Ruby Hill tunnel
 - Magnet shaft
 - Mayberry tunnel
 - Prospect Mountain tunnel
 - Eldorado mine
 - Eureka tunnel
 - Wabash tunnel
 - Industry tunnel
 - Fraser tunnel
 - Atlas shaft
 - Colorado tunnel
 - Chicago tunnel
 - Silver Connor shaft
 - Williams mine
 - Dunderberg incline
 - Gordon tunnel
 - Metamoras mine
 - Sterling tunnel
 - Croesus mine
 - Long Lost Jewel tunnels
 - Orange tunnel
 - Lord Byron tunnel
 - Dead Broke tunnel
 - Connelly mine
 - California tunnel
 - Distinction tunnel
 - Berryman tunnel
 - Eureka Nevada tunnels
 - Uncle Sam tunnel
 - Mackintosh tunnel
 - Diamond tunnel
 - Domonic tunnel
 - Excelsior tunnel
 - Fourth of July tunnel
 - Hamburg mine
 - New Windfall shaft
 - Windfall mine
 - Dugout tunnels
 - Twin Hoosac tunnel
 - Burning Moscow mine
 - Hoosac mine
- ALPHABETICAL**
- Albion shaft (17)
 Albion smelter, site of (19)
 American shaft (28)
 Atlas shaft (42)
 Bell shaft (21)
 Berryman tunnel (69)
 Bowman mine (13)
 Bullhacker mine (6)
 Burning Moscow mine (72)
 California tunnel (67)
 Charter tunnel (29)
 Chicago tunnel (44)
 Colorado tunnel (43)
 Connelly mine (56)
 Croesus mine (21)
 Cyanide shaft (11)
 Dead Broke tunnel (55)
 Distinction tunnel (58)
 Domonic tunnel (64)
 Dugout tunnels (47)
 Dunderberg incline (47)
 Eldorado mine (37)
 Eureka Consolidated smelter, site of (1)
 Eureka Nevada tunnels (60)
 Eureka tunnel (88)
 Excelsior tunnel (65)
 Fad shaft (16)
 Fourth of July tunnel (66)
 Fraser tunnel (41)
 Frenchmans tunnel (31)
 Gordon tunnel (48)
 Granite tunnel (24)
 Grant mine (32)
 Hamburg mine (67)
 Helen shaft (10)
 Holly Extension mine (5)
 Holly mine (8)
 Hoosac mine (23)
 Industry tunnel (40)
 Jackson mine (27)
 KK mine (29)
 Lawton shaft (22)
 Loan shaft (20)
 Long Lost Jewel tunnels (52)
 Lord Byron tunnel (54)
 Mackintosh tunnel (62)
 Magnet shaft (34)
 Mayberry tunnel (35)
 Merritt tunnel (4)
 Metamoras mine (49)
 New Richmond shaft (15)
 New Windfall shaft (68)
 Orange tunnel (53)
 Phoenix mine (26)
 Price and Davis shaft (14)
 Prospect Mountain tunnel (36)
 Roberts tunnel (30)
 Rogers tunnel (25)
 Richmond shaft (18)
 Richmond smelter, site of (2)
 Ruby Hill tunnel (33)
 Seventy Six mine (3)
 Silver Connor shaft (45)
 Sterling tunnel (50)
 T. L. shaft (9)
 Uncle Sam tunnel (61)
 Wabash tunnel (39)
 Wales shaft (12)
 Williamsburg mine (7)
 Williams mine (46)
 Windfall mine (69)



EXPLANATION

Quaternary

- Alluvium
- Stream alluvium, piedmont gravels, and slope wash; mine and smelter dumps

Tertiary

- Andesite and basalt
- Rhyolite tuff
- Rhyolite breccias
- Rhyolite plugs, dikes, and flows
- Tr, rhyolite vitrophyre

Upper Cretaceous

- Hornblende andesite
- Ta, andesitic intrusive rocks
- Tas, extrusive equivalents
- Quartz porphyry
- Quartz diorite

Lower Cretaceous

- Newark Canyon formation
- Fresh-water porcellanous limestone with angular chert fragments, conglomerate containing siliceous limestone boulders, dark silt, sandstone, and grit with abundant carbonaceous material
- Carbon Ridge formation
- At base, carbonaceous sandstone and dark-gray carbonaceous sandy shale with coal concretions common; above, gray locally sandy limestone with chert fragments

Mesozoic

- Diamond Peak formation
- Conglomerate and sandstone with calcareous matrix grading laterally to fossiliferous limestone
- Chainman shale
- Black shale with a few thin interbeds of brown sandstone
- Devils Gate limestone
- Thick-bedded gray to blue-gray limestone, locally dolomitized
- Hanson Creek formation
- Fractured and brecciated dark-gray to black dolomite
- Eureka quartzite
- Vitrous white sugary quartzite
- Pogonip group
- In lowest part, well-bedded light- to blue-gray massive limestone with light-gray to white chert near base; in middle part, shaly to sandy partings and thin interbeds fine-grained to porcellanous limestone with shale and limy shale partings and some light-gray crystalline sandy limestone characterized by olive-green or greenish-blue cast on fresh surfaces; in uppermost part, massive medium- to light-brown gray fine-grained limestone with local thin-bedded argillaceous limestone

Upper Cambrian

- Windfall formation
- Cas, Bullhacker member, yellowish-tan platy limestone. Shaly or sandy partings and thin interbeds weather to buff or pink
- Cac, Catlin member, massive limestone with thicker bedded sandy or silty limestone. Contains abundant chert, with light and dark-gray laminae
- Dunderberg shale
- Brown shale and zones of shale interbedded with thin nodular limestone
- Hamburg dolomite
- Dark-gray massively bedded dolomite with some banded and mottled dolomite; alters to dull gray rather coarsely crystalline somewhat waxy dolomite. Some limestone at base
- Secret Canyon shale
- Csc, Clark Spring member, thin-bedded silty fine-grained blue-gray limestone with yellow or red argillaceous partings
- Csl, lower shale member, grayish-green argillaceous shale
- Geddes limestone
- Well-bedded dark-blue to black carbonaceous limestone with thin dark shaly partings, a few light-gray bands, and some minor nodular black chert
- Eldorado dolomite
- Massively bedded blue-gray limestone near the base, overlain by light-gray rather coarsely crystalline dolomite and dark-blue to black dolomite of medium crystallinity
- Pioche shale
- Sandy khaki shale, locally calcareous and micaceous, thin beds of reddish-brown micaceous sandstone and quartzite
- Cpl, interbedded mottled dark-blue limestone
- Prospect Mountain quartzite
- White and gray quartzite with minor shale and conglomeratic interbeds; weathers shades of pink or light brown. Base not exposed

Lower Cambrian

- Prospect Mountain quartzite

Geological Symbols

- Contact, showing dip
- Dashed where approximately located; short dashed where uncertain or inferred; dotted where concealed
- Fault, showing dip
- Dashed where approximately located; short dashed where uncertain or inferred; dotted where concealed
- Fault showing relative movement
- Thrust fault
- Dashed where approximately located. See teeth on upper plate
- Strike and dip of beds
- Strike and dip of overturned beds
- Strike of vertical beds
- Strike and dip of crumpled beds
- Jasperoid
- Locality
- List on left side