



Topography by A.E. Dearth and R.H. Campbell

Geology by F.W. Osterwald, 1953

FIGURE 3. - GEOLOGIC MAP OF THE NORTH SLOPE OF NIGGER HILL,  
CENTRAL CITY DISTRICT, GILPIN COUNTY, COLORADO

100 0 100 Feet  
Contour interval 10 feet  
Datum is approximate mean sea level

EXPLANATION

- |  |   |   |
|--|---|---|
| <p>Quartz bostonite<br/>Tb</p> <p>Granite pegmatite<br/>gp</p> <p>Granite gneiss<br/>gng<br/><i>Includes lenticular layers of biotite-quartz-plagioclase gneiss, quartz-biotite schist, and amphibolite.</i></p> <p>Cordierite-anthophyllite-garnet gneiss<br/>gnc</p>   | <p>TERTIARY</p> <p>PRE-CAMBRIAN</p> <p>TERTIARY</p> | <p>Bearing and plunge of lination<br/>↗ 24</p> <p>Horizontal lination<br/>↔</p> <p>Strike and dip of joints<br/>↘ 80</p> <p>Strike and dip of joints and plunge of slickensides<br/>↘ 14</p> <p>Vertical shaft<br/>⊥</p> <p>Inclined shaft<br/>↘</p> <p>Trench<br/>⌊</p> <p>Pit or caved workings at surface<br/>⊞</p> <p>Rock dump<br/>⌢</p> <p>Prospect pit<br/>X</p> <p>Metalliferous vein, showing dip<br/>Dashed where inferred<br/>- - - ↘ 64</p> |
| <p>Contact, approximately located<br/>- - -</p> <p>Inferred contact<br/>- - -</p> <p>Fault, dashed where approximately located<br/>- - -</p> <p>Plunge of small fold axes<br/>FA ↘ 18</p> <p>Plunge of chevron folds<br/>↘ 10</p> <p>Generalized strike of warped foliation, showing plunge of warp axes<br/>↘ 10</p> <p>Strike and dip of foliation<br/>↘</p> <p>Strike and dip of primary flow layers<br/>↘ 73</p> | <p>TERTIARY</p>                                     |   |