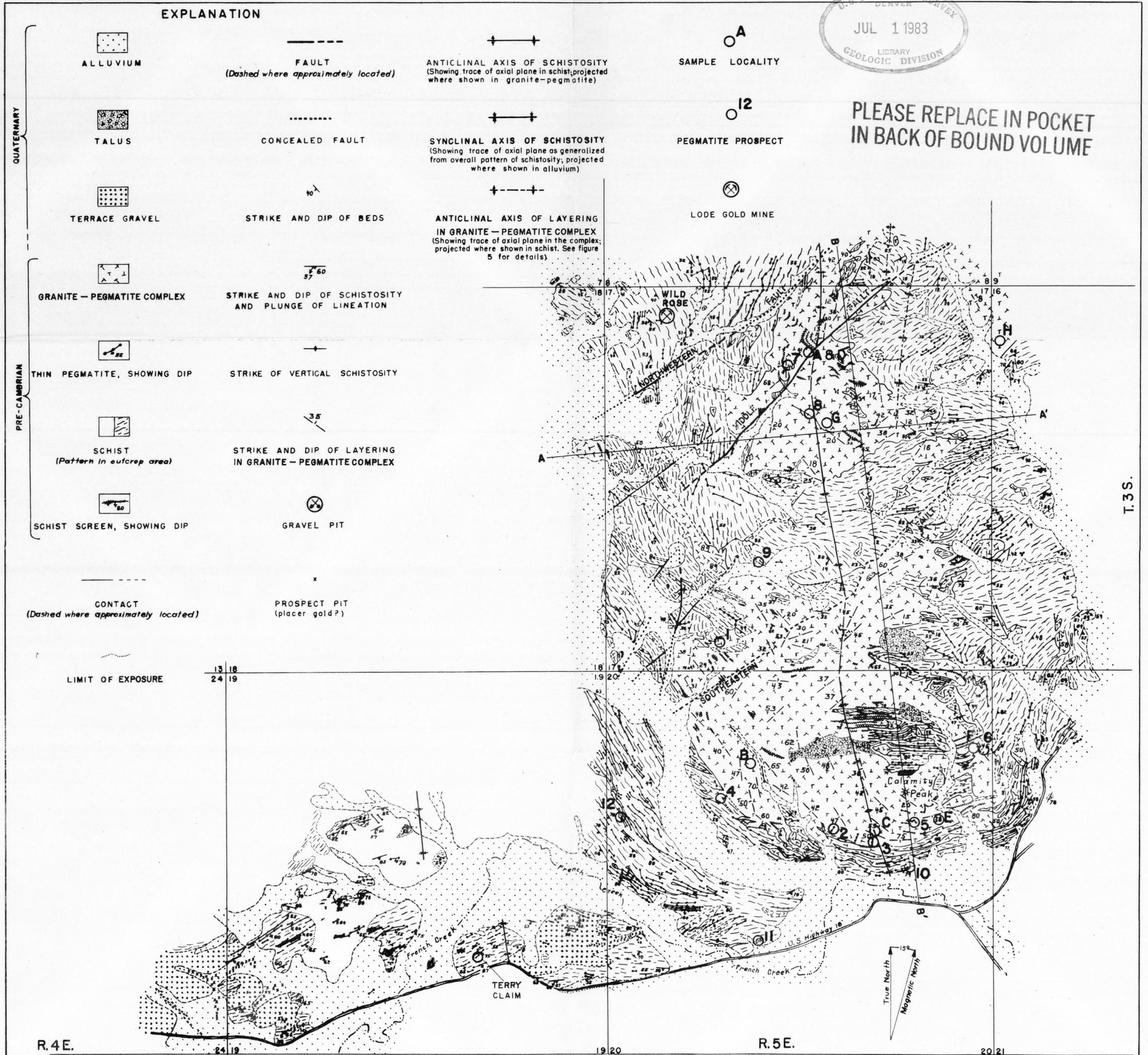


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EXPLANATION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <p>QUATERNARY</p> <p>ALLUVIUM</p> <p>TALUS</p> <p>TERRACE GRAVEL</p> | <p>FAULT
(Dashed where approximately located)</p> <p>CONCEALED FAULT</p> <p>STRIKE AND DIP OF BEDS</p> | <p>ANTICLINAL AXIS OF SCHISTOSITY
(Showing trace of axial plane in schist; projected where shown in granite-pegmatite)</p> <p>SYNCLINAL AXIS OF SCHISTOSITY
(Showing trace of axial plane as generalized from overall pattern of schistosity; projected where shown in alluvium)</p> <p>ANTICLINAL AXIS OF LAYERING IN GRANITE-PEGMATITE COMPLEX
(Showing trace of axial plane in the complex; projected where shown in schist. See figure 5 for details)</p> | <p>SAMPLE LOCALITY</p> <p>PEGMATITE PROSPECT</p> <p>LODE GOLD MINE</p> |
| <p>PRE-CAMBRIAN</p> <p>GRANITE-PEGMATITE COMPLEX</p> <p>THIN PEGMATITE, SHOWING DIP</p> <p>SCHIST
(Pattern in outcrop area)</p> <p>SCHIST SCREEN, SHOWING DIP</p> | <p>STRIKE AND DIP OF SCHISTOSITY AND PLUNGE OF LINEATION</p> <p>STRIKE OF VERTICAL SCHISTOSITY</p> <p>STRIKE AND DIP OF LAYERING IN GRANITE-PEGMATITE COMPLEX</p> <p>GRAVEL PIT</p> <p>PROSPECT PIT
(placer gold?)</p> | <p>CONTACT
(Dashed where approximately located)</p> <p>LIMIT OF EXPOSURE</p> | |

FIGURE 2.- GEOLOGIC MAP OF THE CALAMITY PEAK AREA, CUSTER COUNTY, SOUTH DAKOTA.

Geology by D.H. Kupfer and R.E. Langen, 1948-49.

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