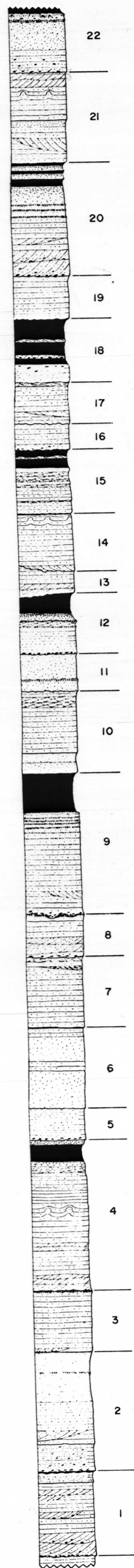
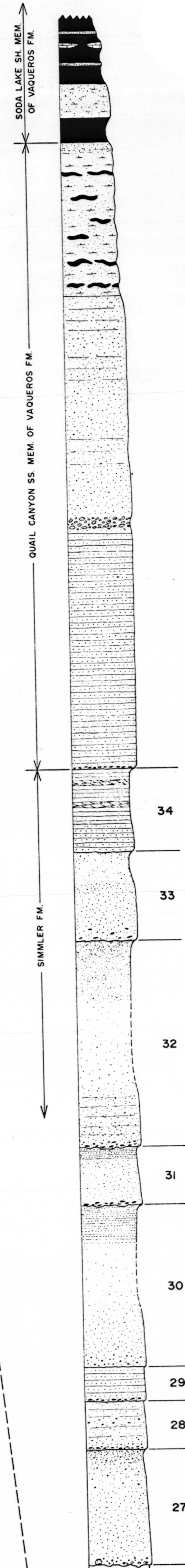
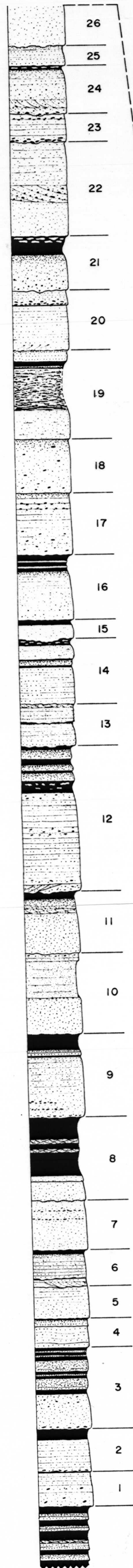


SIMMLER FM.
NORTHWESTERN CALIENTE RANGESIMMLER FM. (unit 4) AND QUAIL CANYON SS. MEM. OF VAQUEROS FM.
SOUTHEASTERN CALIENTE RANGE

PARTIAL MEASURED SECTIONS

EXPLANATION

- claystone and mudstone (with calcareous concretions)
- very fine-grained silty sandstone to sandy siltstone
- fine- to medium-grained sandstone
- medium- to coarse-grained pebbly sandstone
- ripple-laminated sandstone
- planar-stratified sandstone
- cross-bedded sandstone
- claystone-siltstone pebbles
- calcareous sandstone
- iron-stained calcareous concretionary layers

m ft
5 15
4 10
3 5
2 0
1 0
0 0
SCALE

Column dashed where poorly exposed.
Numbers designate fining-upward cycles.

U. S. Geological Survey
OPEN FILE REPORT

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.