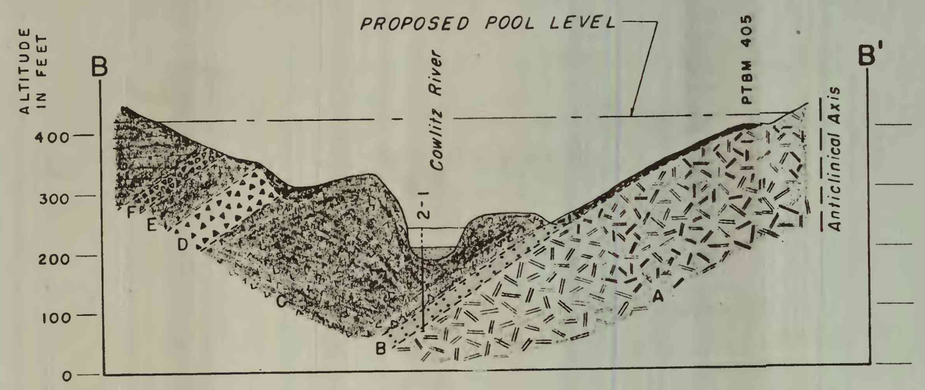
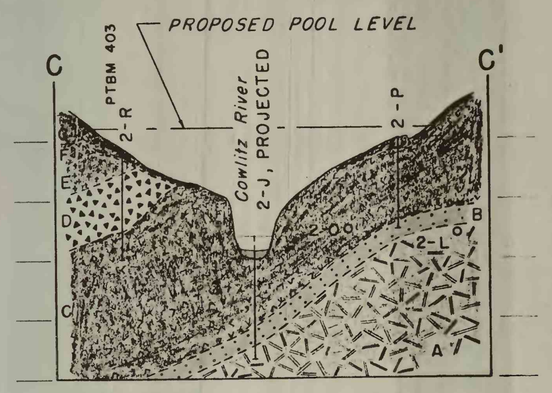
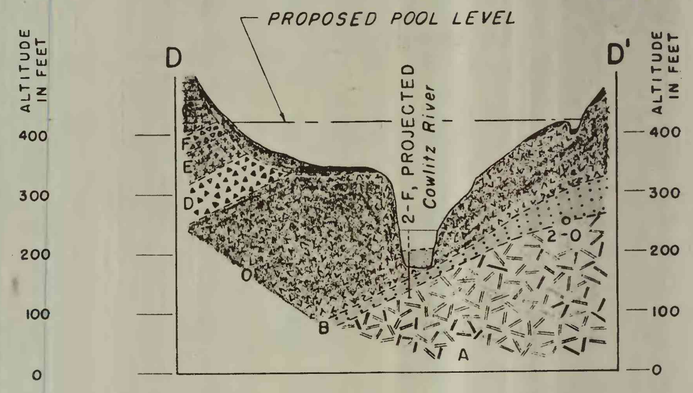
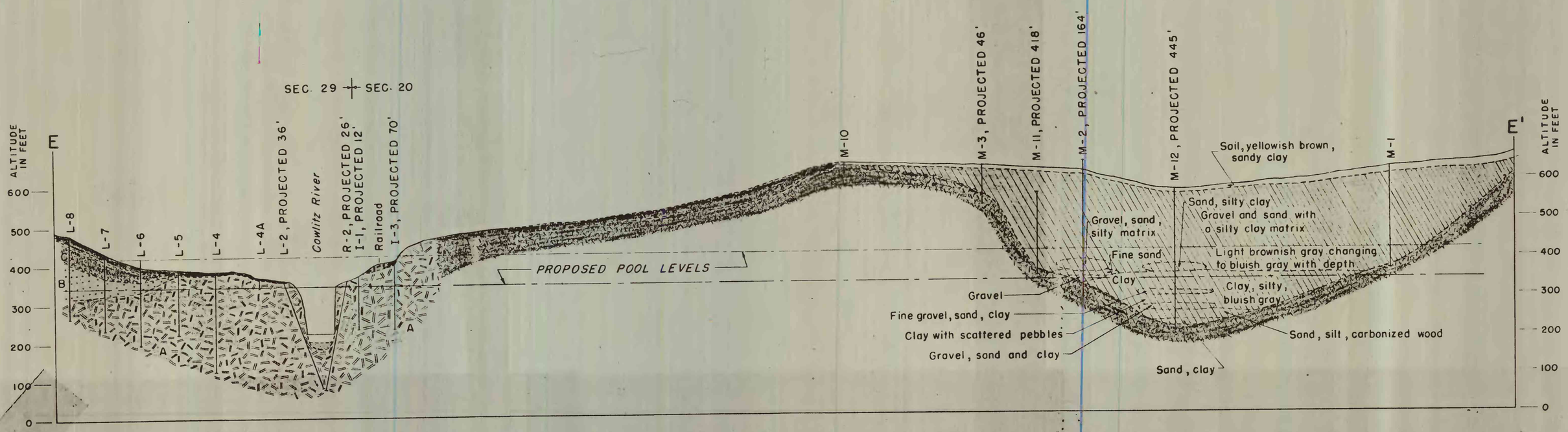
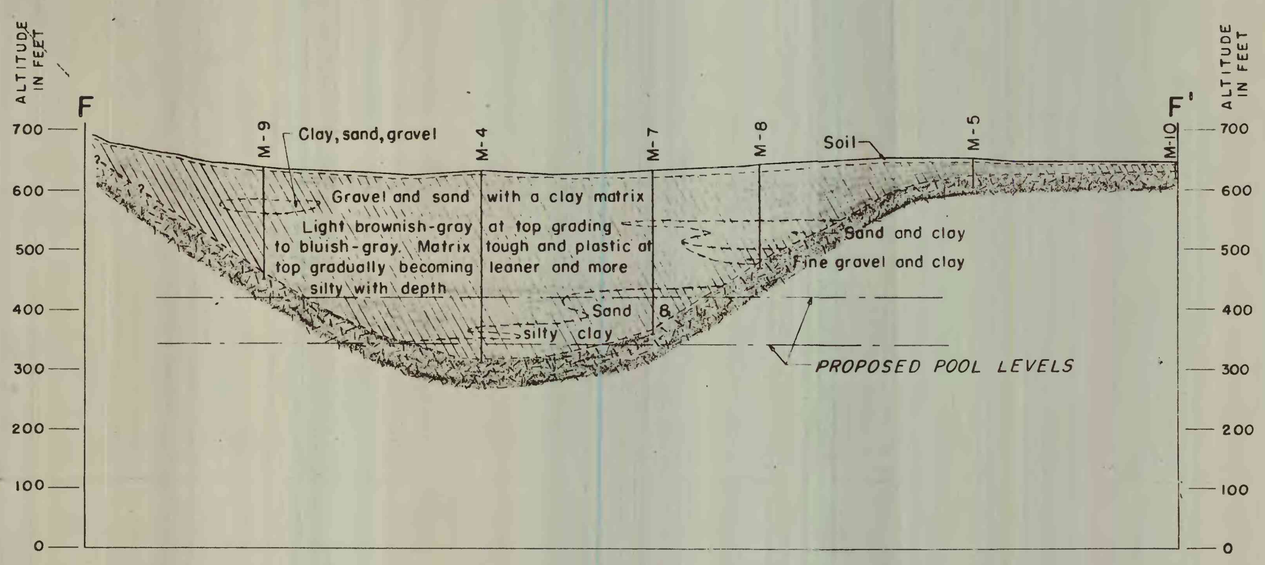
51-27











GEOLOGIC CROSS SECTIONS

MAYFIELD DAM SITE

SECTIONS 20 & 29, T. 12 N., R. 2 E.
LEWIS COUNTY, WASHINGTON

SCALE

200 0 200 400 600 800 1000 FEET

EXPLANATION

QUATERNARY

- **RECENT**
  - ALLUVIUM
    - ACTIVE
  - COLLUVIUM
    - BASALT TALUS
- **PLEISTOCENE**
  - YOUNGER DRIFT
    - DRIFT, UNDIFFERENTIATED, WITH SOME TALUS, SLOPE WASH AND SOIL
  - OLDER DRIFT
    - SHUT-IN GLACIAL DEPOSITS, TILL OUTWASH SANDS AND GRAVELS, LACUSTRINE SILTS AND SANDS

TERTIARY

- **MIOCENE**
  - KEECHELUS (?) ANDESITE SERIES
    - KEECHELUS, UNDIFFERENTIATED
    - ANDESITE AND TUFFS, UNIT G
    - TUFF, UNIT F
    - BASALT, UNIT E
    - FRAGMENTAL TUFF, UNIT D
    - BASALT AND AGGLOMERATE, UNIT C
    - SANDSTONE SHALE, UNIT B CONCEALED IN MAP AREA
    - BASALT, UNIT A

M-1 — DRILL HOLE

o — DRILL HOLE, HORIZONTAL

LETTERING OF UNITS HAS ONLY LOCAL SIGNIFICANCE, AND DOES NOT INDICATE CORRELATIONS WITH BEDS SIMILARLY LETTERED AT OTHER DAM SITES ON COWLITZ RIVER

GEOLOGY BY C.E. ERDMANN AND A.F. BATEMAN, JR.

J.M.S