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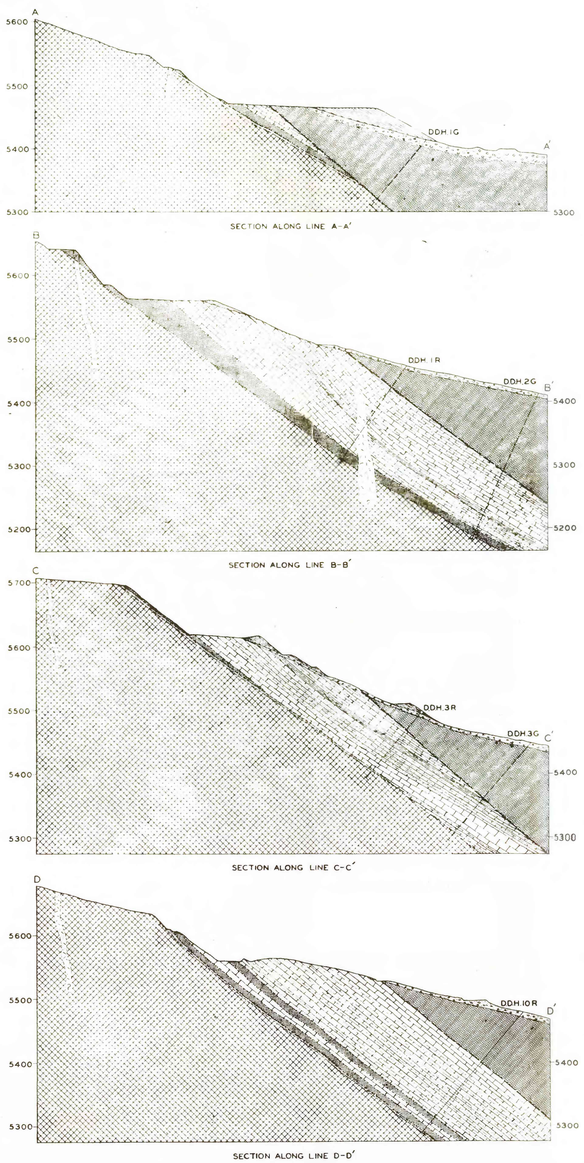

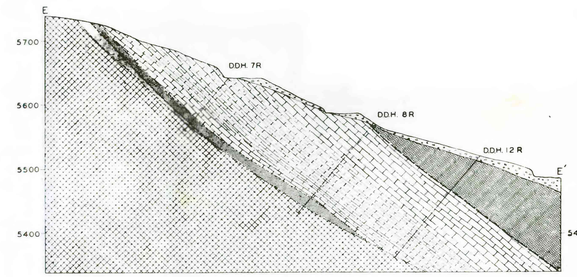

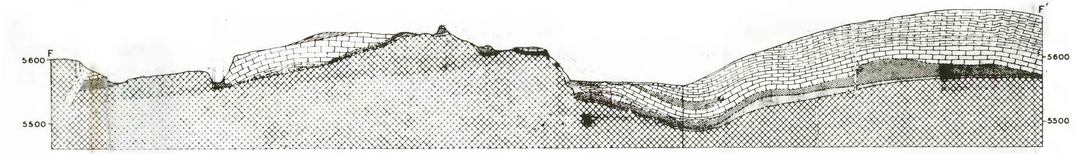

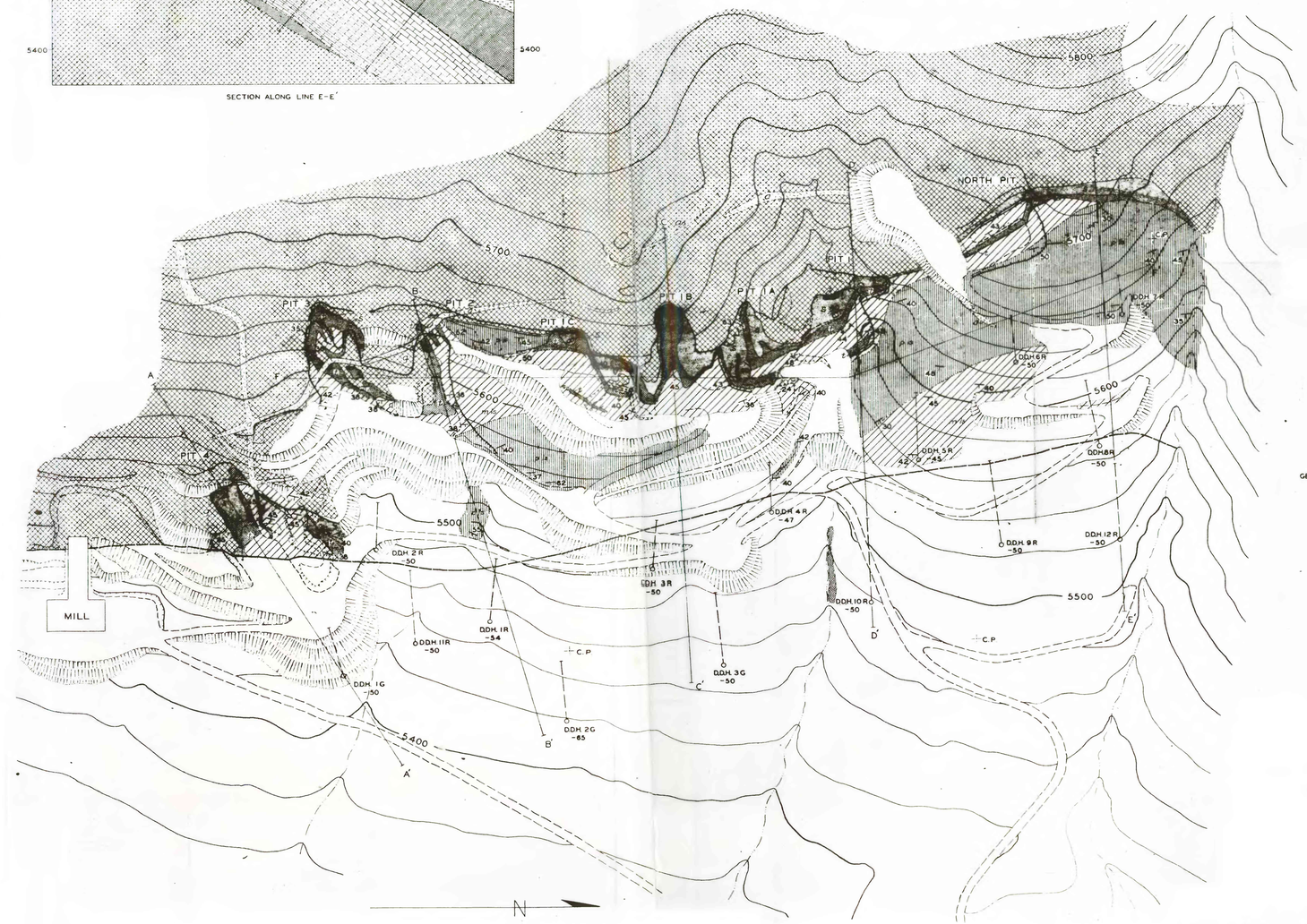

EXPLANATION

- ALLUVIUM AND SLOPE WASH — ON PLAN / ON SECTION
- CRUSHED ROCK IN FAULT ZONE
- ANDESITE-PORPHYRY DIKES
- TACTITE, CHIEFLY SCHEELITE BEARING
- SCHIST AND HORNFELS
- GRANODIORITE
- LIMESTONE — MASSIVE LIMESTONE – *mls*; PLATY LIMESTONE – *pls*
- FOOTWALL OF FAULT ZONE
- 50 — STRIKE AND DIP OF BEDS
- 24 — GENERALIZED STRIKE AND DIP OF CRUMPLED BEDS
- 65 — GEOLOGIC CONTACTS SHOWING DIP, DASHED WHERE CONCEALED
- CONTACT OF ALLUVIUM AND BEDROCK
- OPEN CUT OR LARGE PIT
- WASTE DUMP — ON PLAN AND ON SECTION
- OUTER EDGE OF CUT TERRACE
- C.P — CLAIM LINE POST
- DDH 7R -50 — U.S. BUREAU OF MINES DIAMOND DRILL HOLE SHOWING INCLINATION

GEOLOGY BY S. W. HOBBS, JULY, 1945
BASE IN PART FROM MAP BY E. CALLAGHAN AND C. J. VITALIANO, AUG., 1940

GEOLOGIC MAP AND SECTIONS OF THE RILEY MINE

POTOSI MINING DISTRICT, HUMBOLDT COUNTY, NEVADA

100 0 200 400 FEET

CONTOUR INTERVAL 20 FEET, DATUM ASSUMED