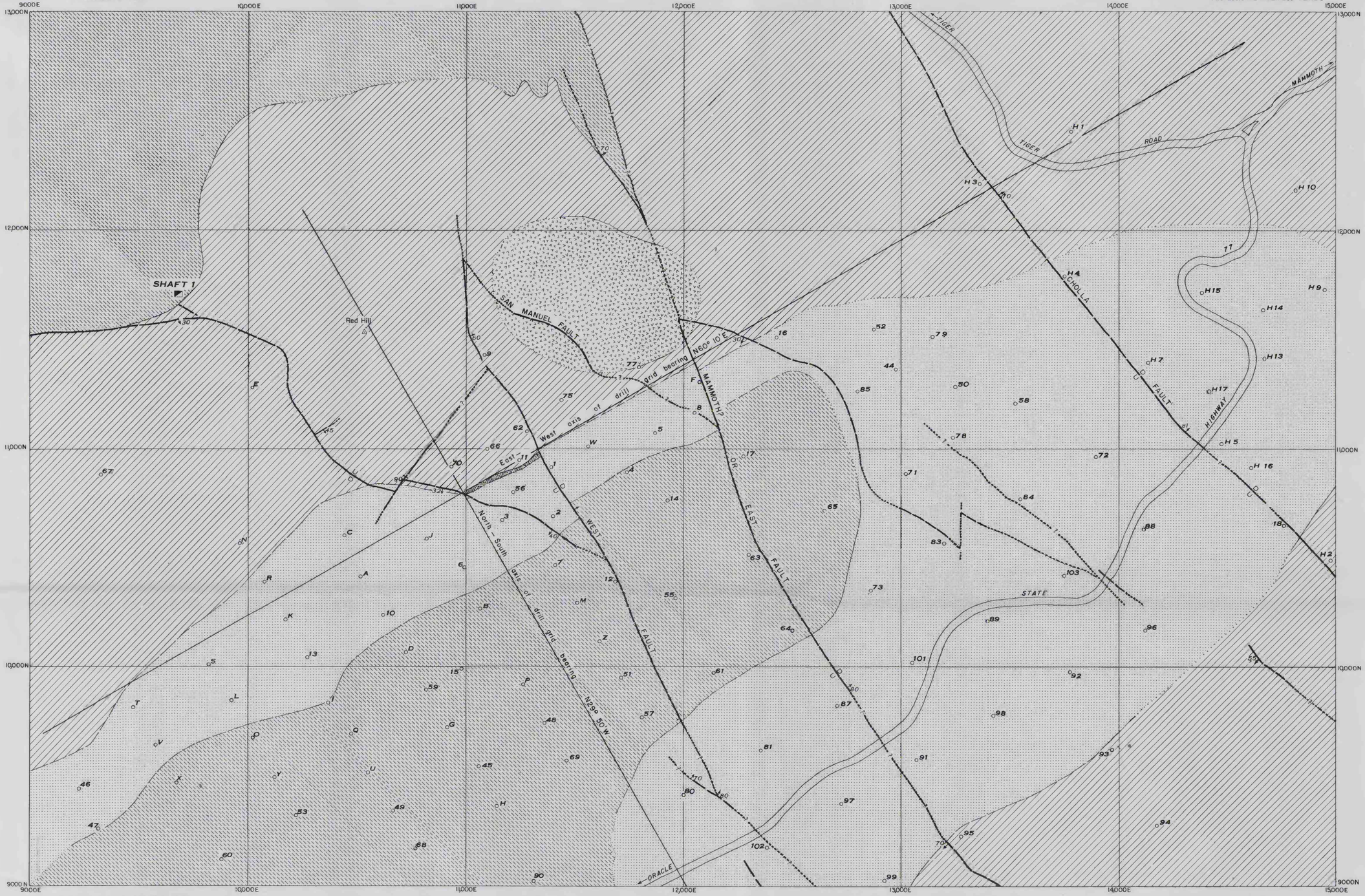

EXPLANATION

TYPES OF ALTERED AND MINERALIZED ROCK

Kaolinite-alunite type (very light gray at surface)

Hydromica-pyrite type (medium red at surface)

Sericite-pyrite chalcopyrite type (brownish red at surface)

Marginal biotite type (dark gray at surface)

Diabase dike

BOUNDARIES BETWEEN TYPES OF ALTERATION

Boundary observed in outcrops

Boundary concealed, location based largely on drill-hole information

Boundary concealed, no subsurface information available

Fault, showing dip; dashed where approximately located, dotted where concealed. U, upthrown side; D, downthrown side

Vertical fault

Doubtful or probable fault, concealed

Churn-drill hole

MAP SHOWING DISTRIBUTION OF ALTERATION ZONES AT THE SURFACE AND BENEATH THE GILA (?) CONGLOMERATE OF THE SAN MANUEL AREA

246133 O - 53 (In pocket)