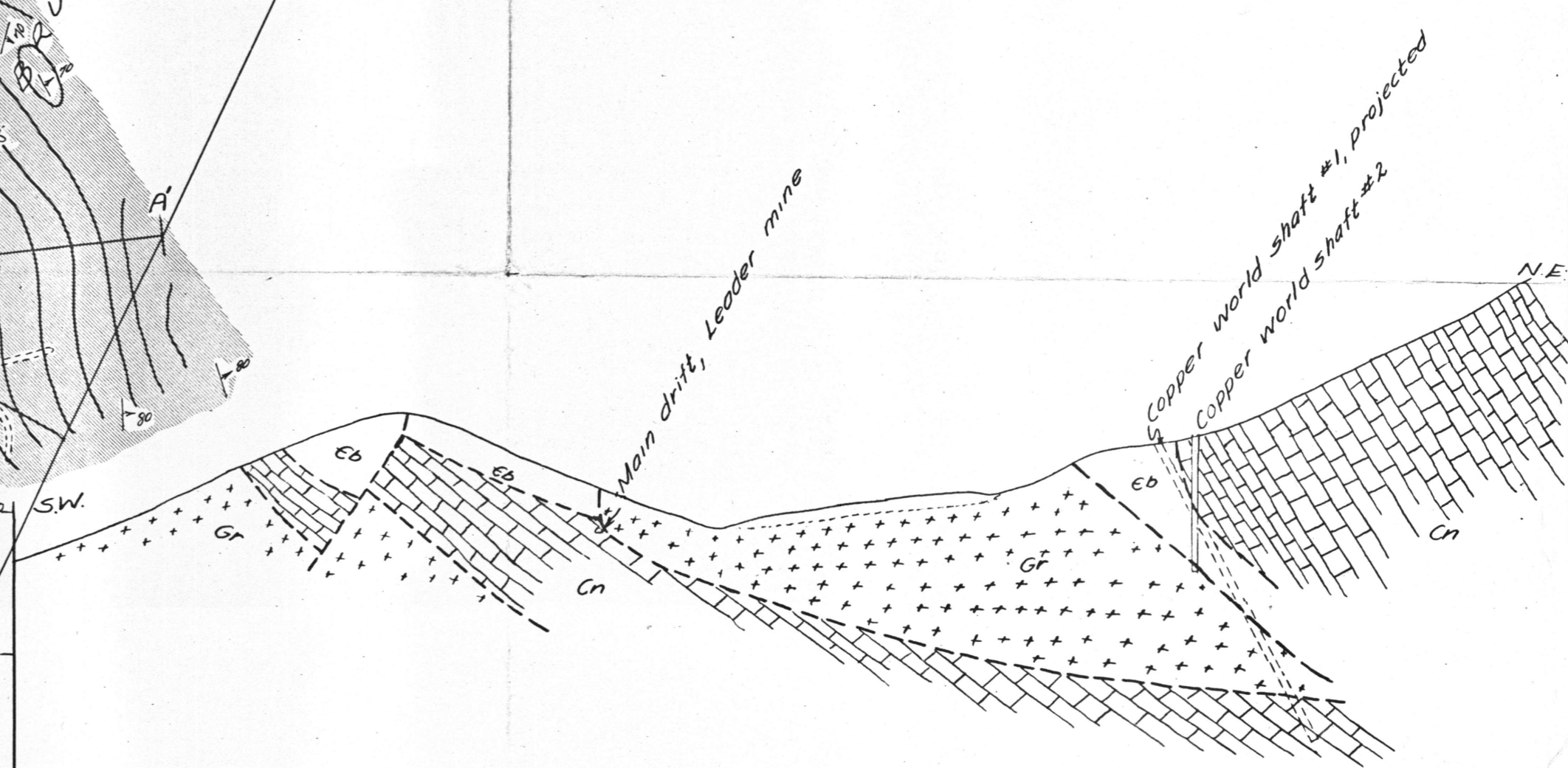
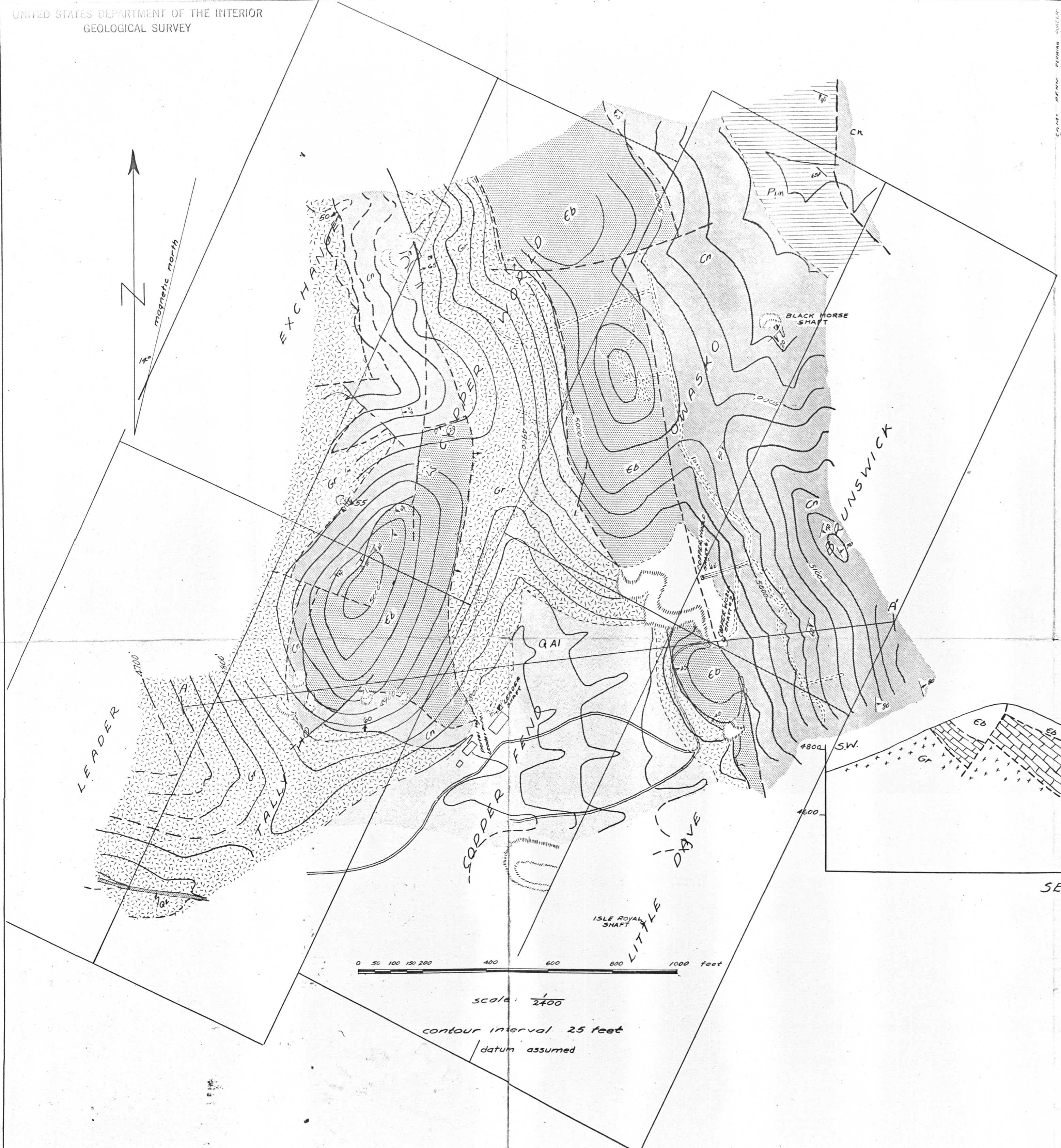


- Alluvium
- "Lower Manzano" beds
- Naco limestone (interbedded limestone and hornfels)
- Bolsa quartzite
- Monzonite and granite, locally porphyritic
- Granular quartz rock
- Underground mine workings
- Strike and dip of bedding
- Shaft
- Inclined shaft
- Fault, dashed where location is uncertain
- Contact, dashed where location is uncertain
- Unimproved road
- Dump and open cut



SECTION A-A'

0 50 100 150 200 400 600 800 1000 feet

scale: 1/2400

contour interval 25 feet

datum assumed

UNITED STATES GEOLOGICAL SURVEY
GENERALIZED GEOLOGIC AND TOPOGRAPHIC MAP
OF THE AREA ADJACENT TO THE
COPPER WORLD AND LEADER MINES
HELVETIA MINING DISTRICT, PIMA COUNTY, ARIZONA
GEOLOGY BY S.C. Creasey, USGS.
TOPOGRAPHY BY: H.H. Sullwold Jr. and
G.L. Quick, USGS.
MARCH 1943