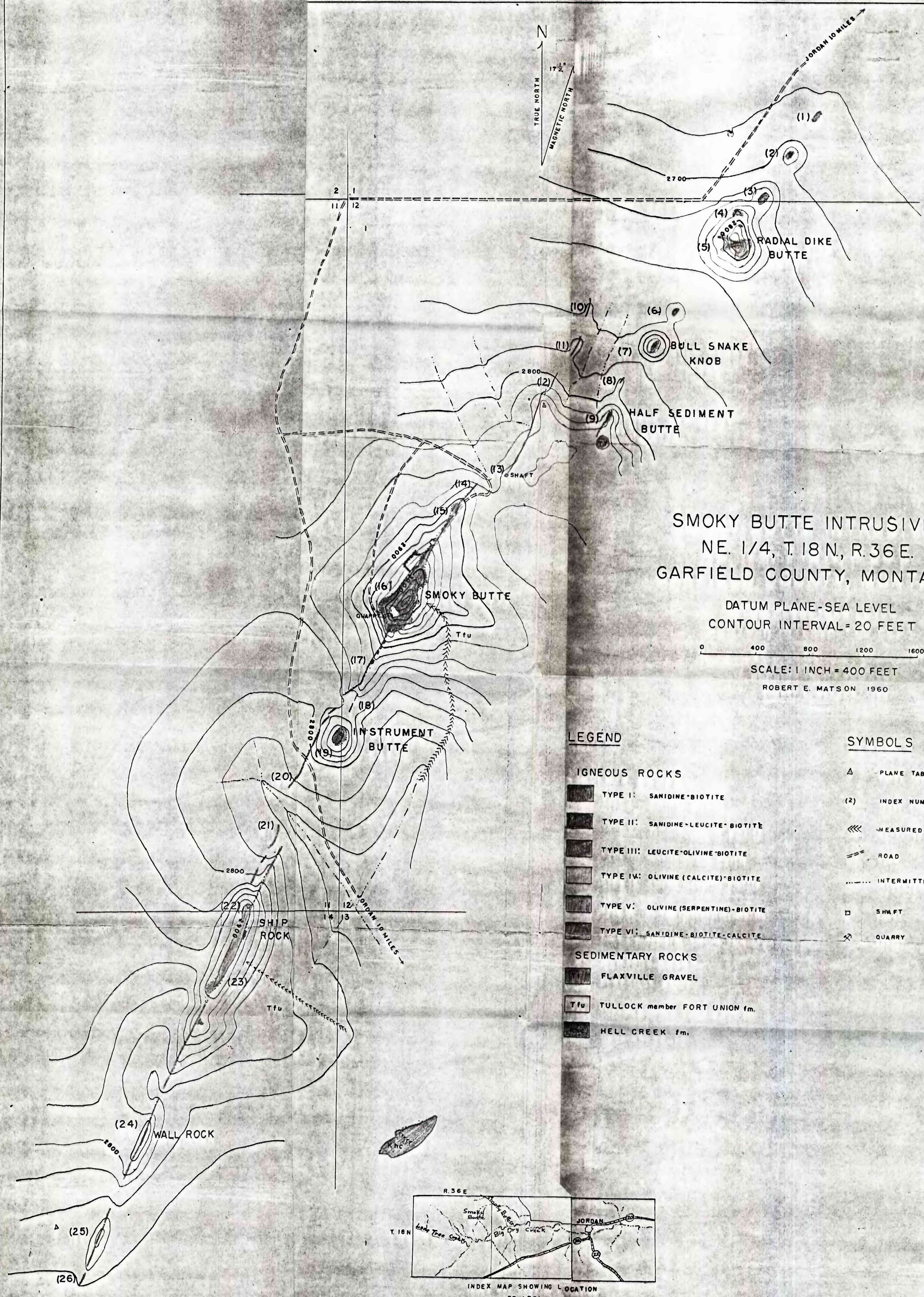




SMOKY BUTTE INTRUSIVES
NE. 1/4, T.18 N., R.36 E.
GARFIELD COUNTY, MONTANA

DATUM PLANE-SEA LEVEL
CONTOUR INTERVAL= 20 FEET
0 400 800 1200 1600 FEET
SCALE: 1 INCH = 400 FEET

ROBERT E. MATSON 1960

LEGEND

- IGNEOUS ROCKS
- TYPE I: SANIDINE-BIOTITE
 - TYPE II: SANIDINE-LEUCITE-BIOTITE
 - TYPE III: LEUCITE-OLIVINE-BIOTITE
 - TYPE IV: OLIVINE (CALCITE)-BIOTITE
 - TYPE V: OLIVINE (SERPENTINE)-BIOTITE
 - TYPE VI: SANIDINE-BIOTITE-CALCITE
- SEDIMENTARY ROCKS
- FLAXVILLE GRAVEL
 - Tfu TULLOCK member FORT UNION fm.
 - HELL CREEK fm.

SYMBOLS

- △ PLANE TABLE STATIONS
- (2) INDEX NUMBER FOR EXPOSURES
- ≡ MEASURED SECTIONS
- == ROAD
- INTERMITTENT STREAM
- SHAFT
- ⊗ QUARRY

