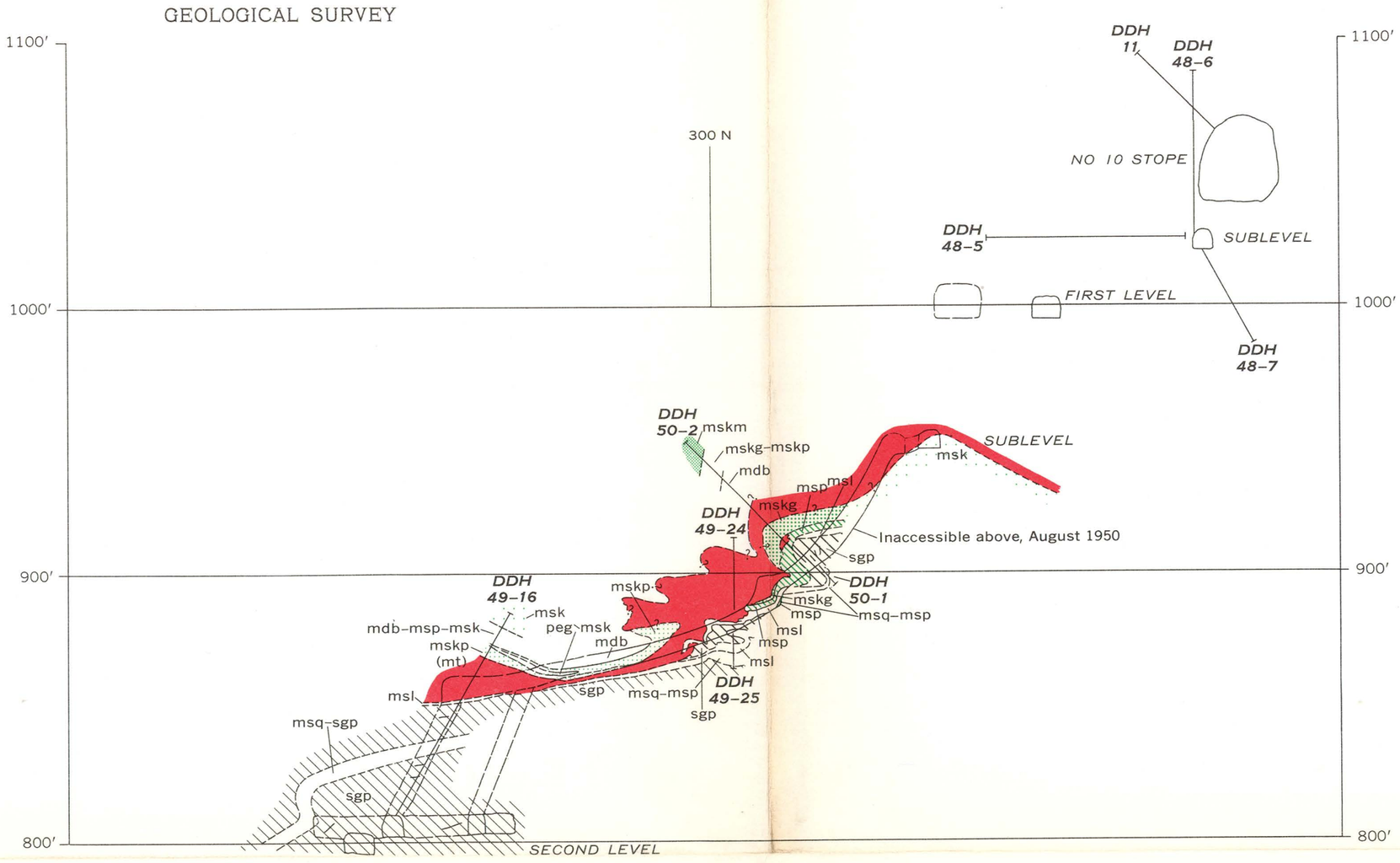
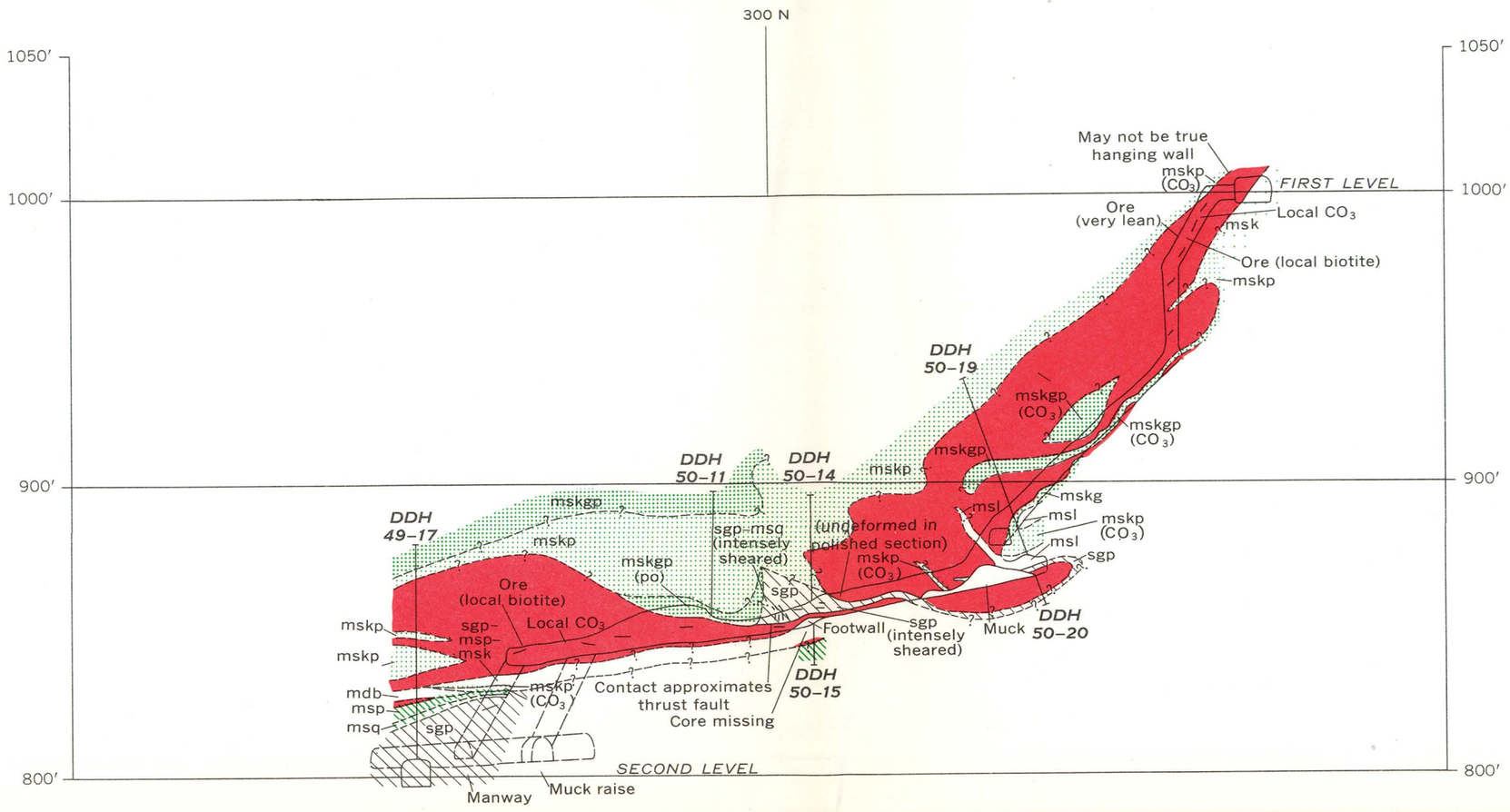
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

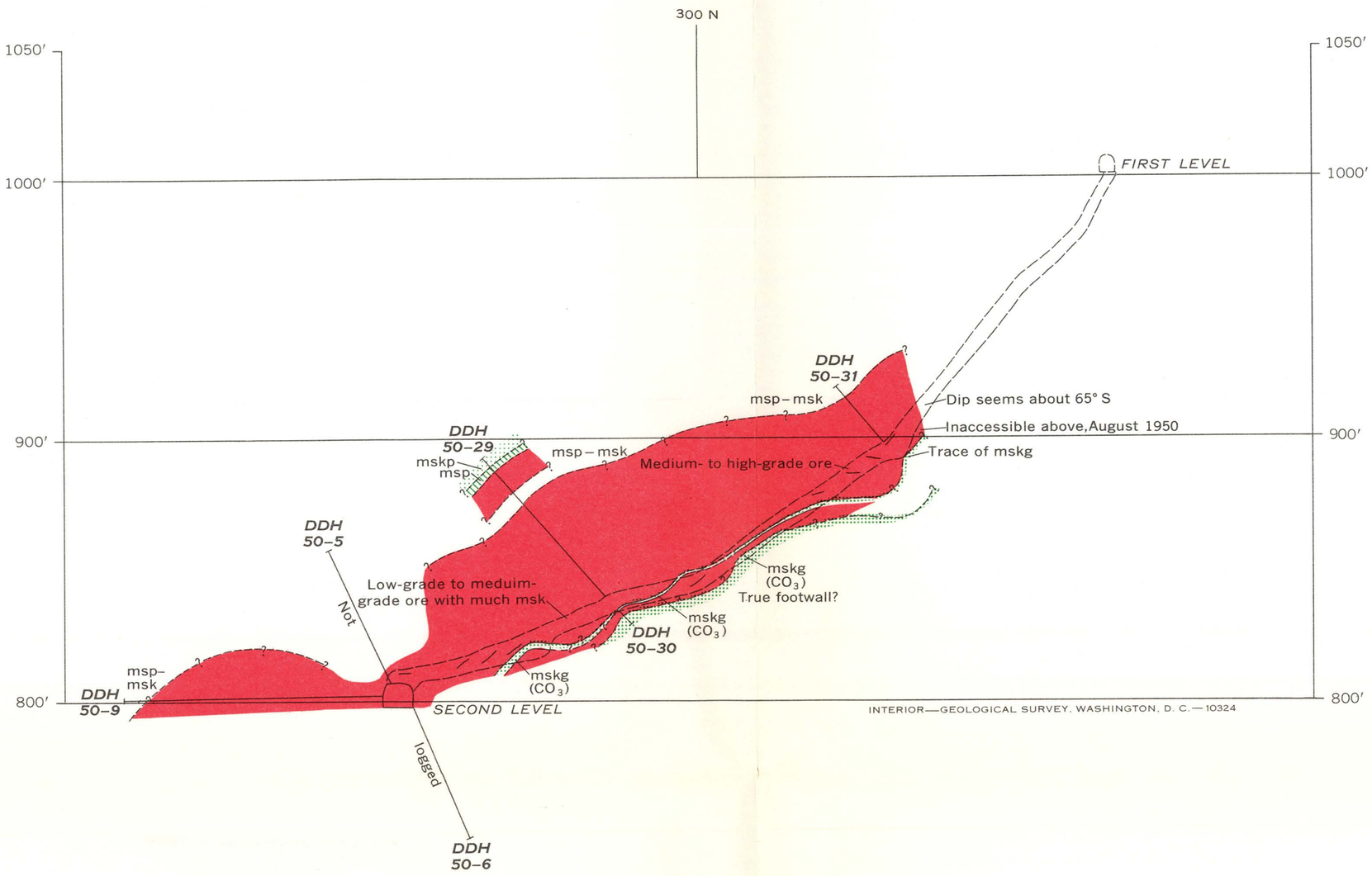
PROFESSIONAL PAPER 377
PLATE 6




A. WEST SIDE OF STOPE 2–1




B. WEST SIDE OF STOPE 2–2




C. WEST SIDE OF VENTILATION RAISE AT WEST END OF SECOND LEVEL

## EXPLANATION

**Ore**
*Generally medium-grade*

peg
**Pegmatite**
*Granitic or syenitic, commonly somewhat contaminated*

mdb
**Metadiabase**
*Locally amphibolitic*

sgp
**Phacoidal granite gneiss**
*Locally contains slivers of metasedimentary rock*

msp
**Pyroxene gneiss**
*Locally includes a little quartz-feldspar granulite. In places, unit is involved with syenitic and granitic material of indeterminate origin*

msl | msk | mskp | mskgp | mskg | mskm

msl, *marble; generally somewhat silicated*
msk, *skarn, undivided*
mskp, *pyroxene skarn; medium to dark green, locally with a little calcite. Contains sporadic thin biotite sköls near ore body*
mskgp, *garnet-pyroxene skarn*
mskg, *garnet skarn; locally slightly pyroxenic. Contains a little sporadic calcite and, in places, considerable pyrrhotite*
mskm, *pyroxene skarn; locally garnetiferous, modified by introduction of quartz, potassic feldspar, or scapolite*

msq
**Quartz-feldspar granulite**

peg-msk
**Groups of letter symbols indicate compound units**
*A dominant rock type, if present, is given first, subodinate type following*

Note: Stratigraphic relations of the metasedimentary rocks are indeterminate

(mt), *magnetite present sporadically; rock is only weakly mineralized*
(po), *pyrrhotite locally abundant*
($CO_3$), *calcite present sporadically*

**Contact**
*Dashed where closely inferred; queried where form, position, or, continuation is questionable*

Short lines within unit represent trace of foliation

Diamond-drill holes

# GEOLOGIC SECTIONS IN WEST HALF OF CLIFTON MINE, ST. LAWRENCE COUNTY, NEW YORK

50 0 50 100 150 FEET

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—10324