

INSET II
 FIGURE A
 MAP
 OF THE
JOHN ROSS LODGE

4 MILES WEST OF CUSTER
 SECS. 19, 20, 30, 29, T. 35, R. 4 E.

CONTOUR INTERVAL-10 FEET
 ELEVATIONS FROM FOREST SERVICE MAP
 SECTION CORNER 5582

LEGEND










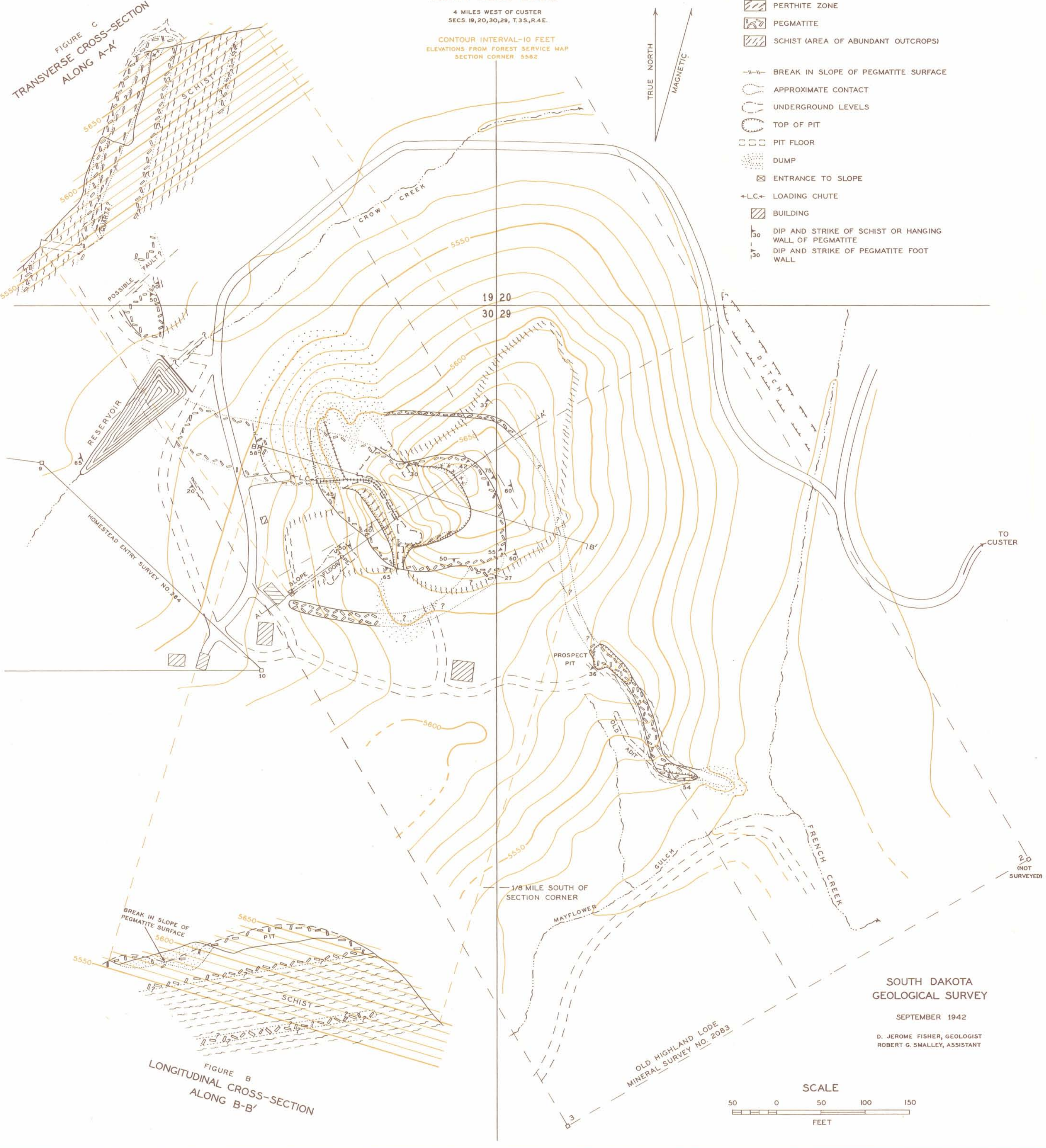
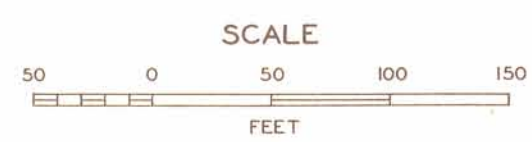
-  TOURMALINE-RICH ZONE
-  PERTHITE ZONE
-  PEGMATITE
-  SCHIST (AREA OF ABUNDANT OUTCROPS)
-  BREAK IN SLOPE OF PEGMATITE SURFACE
-  APPROXIMATE CONTACT
-  UNDERGROUND LEVELS
-  TOP OF PIT
-  PIT FLOOR
-  DUMP
-  ENTRANCE TO SLOPE
-  +L.C.+ LOADING CHUTE
-  BUILDING
-  30 DIP AND STRIKE OF SCHIST OR HANGING WALL OF PEGMATITE
-  30 DIP AND STRIKE OF PEGMATITE FOOT WALL

FIGURE C
 TRANSVERSE CROSS-SECTION
 ALONG A-A'

FIGURE B
 LONGITUDINAL CROSS-SECTION
 ALONG B-B'



SOUTH DAKOTA
 GEOLOGICAL SURVEY
 SEPTEMBER 1942
 D. JEROME FISHER, GEOLOGIST
 ROBERT G. SMALLEY, ASSISTANT



INSET I

OLD MIKE MINE

3 1/2 MILES N.N.W. OF CUSTER S.D.
 N.W.1/4, N.W.1/4, S.W.1/4, SEC. 2, T.3S., R.4E.
 (COMPASS AND PACE MAP)

CONTOUR INTERVAL 20 FEET
 ELEVATIONS BASED ON ALTIMETER READING OF
 6007 FT. AT TRACK SWITCH NEAR ENTRANCE TO ADIT

SOUTH DAKOTA GEOLOGICAL SURVEY

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FIGURE B

FRONT VIEW OF CLIFF FACE

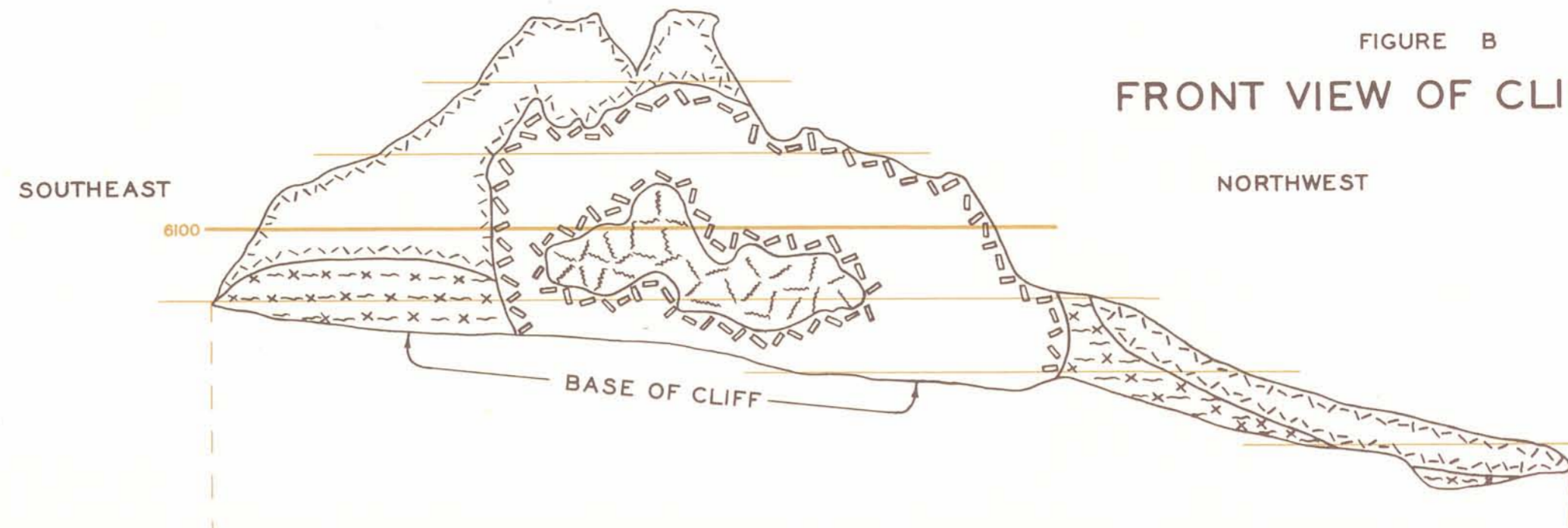
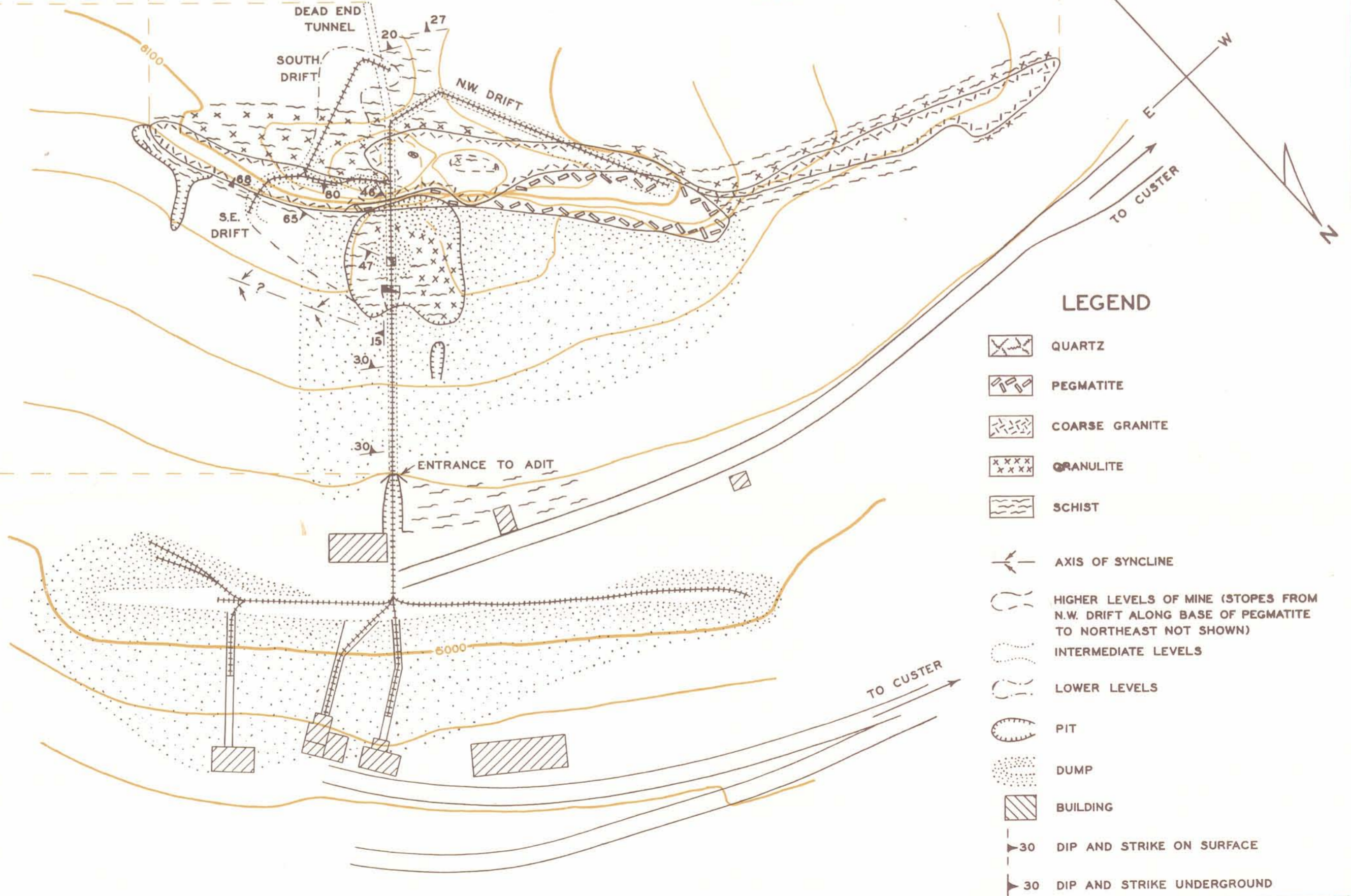


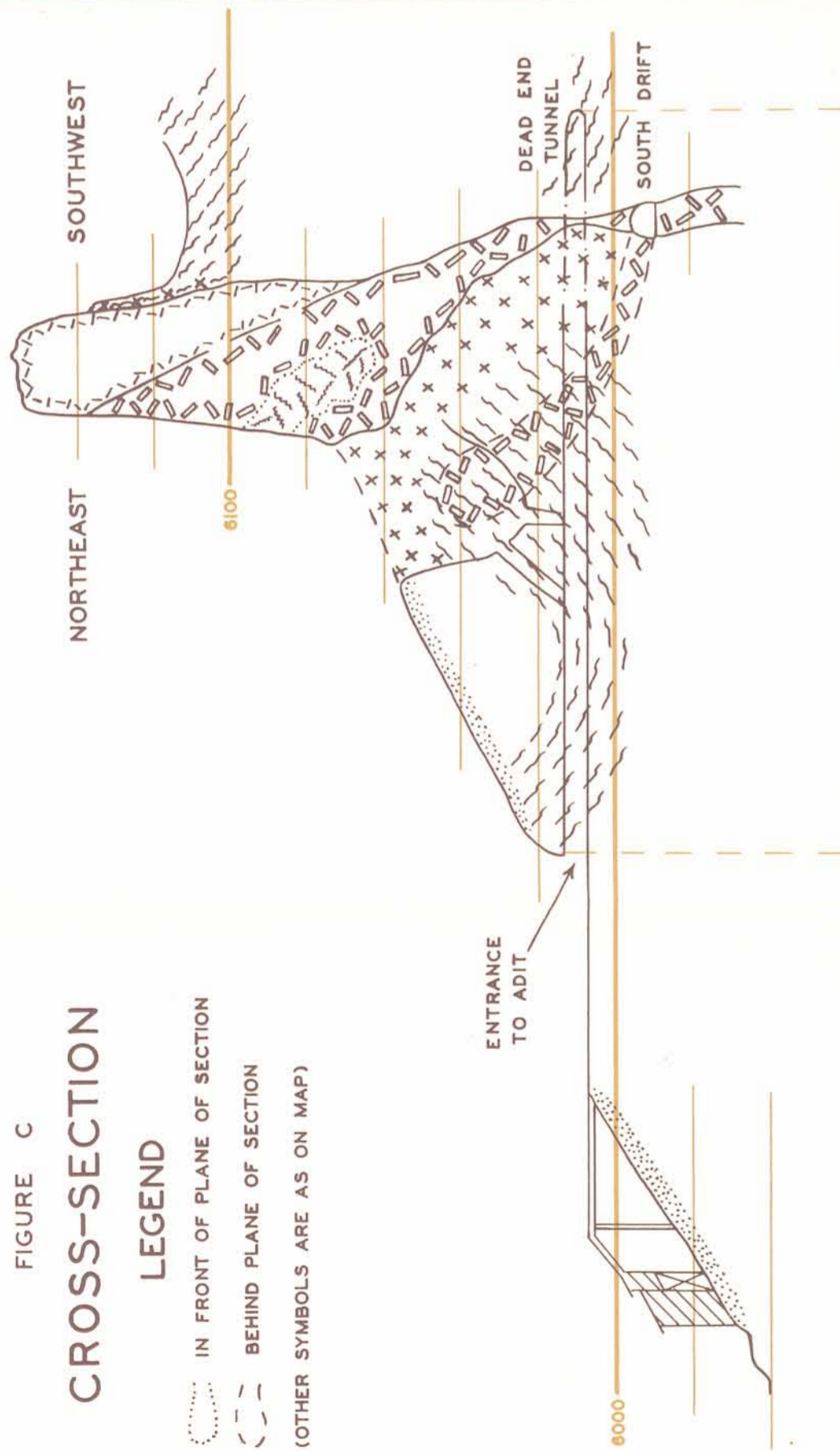
FIGURE A

MAP



LEGEND

- QUARTZ
- PEGMATITE
- COARSE GRANITE
- GRANULITE
- SCHIST
- AXIS OF SYNCLINE
- HIGHER LEVELS OF MINE (STOPS FROM N.W. DRIFT ALONG BASE OF PEGMATITE TO NORTHEAST NOT SHOWN)
- INTERMEDIATE LEVELS
- LOWER LEVELS
- PIT
- DUMP
- BUILDING
- 30 DIP AND STRIKE ON SURFACE
- 30 DIP AND STRIKE UNDERGROUND



CROSS-SECTION

LEGEND

- IN FRONT OF PLANE OF SECTION
- BEHIND PLANE OF SECTION
- (OTHER SYMBOLS ARE AS ON MAP)

FIGURE C