UNIVERSITY OF MINNESOTA

MINNESOTA GEOLOGICAL SURVEY
D.L. Southwick, Director

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THE DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINERALS

OPEN-FILE REPORT 97-5
Plate 7—Geophysical Model Cross-sections

MINERAL POTENTIAL ASSESSMENT OF NORTHERN ST. LOUIS COUNTY, SOUTHEASTERN KOOCHICHING COUNTY AND NORTHEASTERN ITASCA COUNTY, MINNESOTA

MAGNETIC AND GRAVITY MODEL CROSS-SECTIONS

BY
V.W. CHANDLER

LOCATION MAP

SCALE 1:62 500

1 1/2 0 1 2 3 4 MILES

1 0 1 2 3 4 5 KILOMETERS

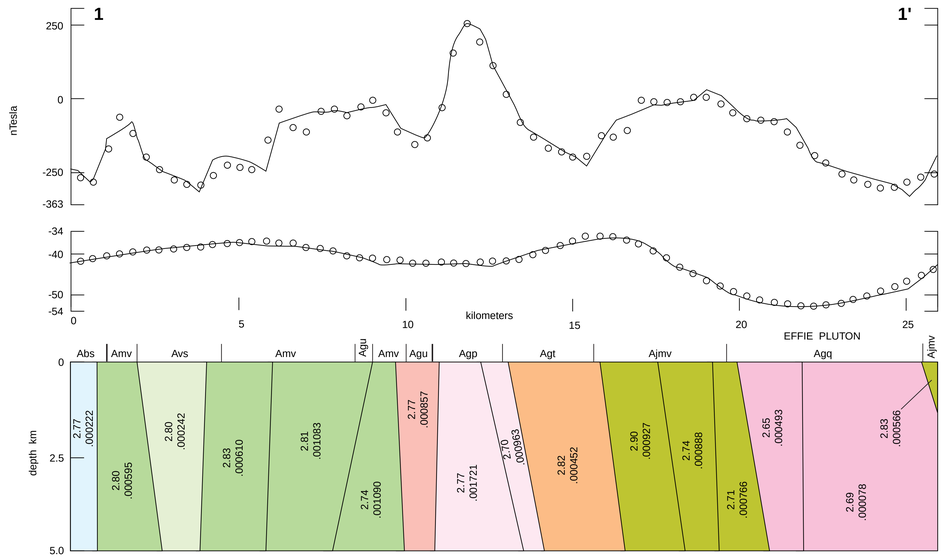
| = fault boundary

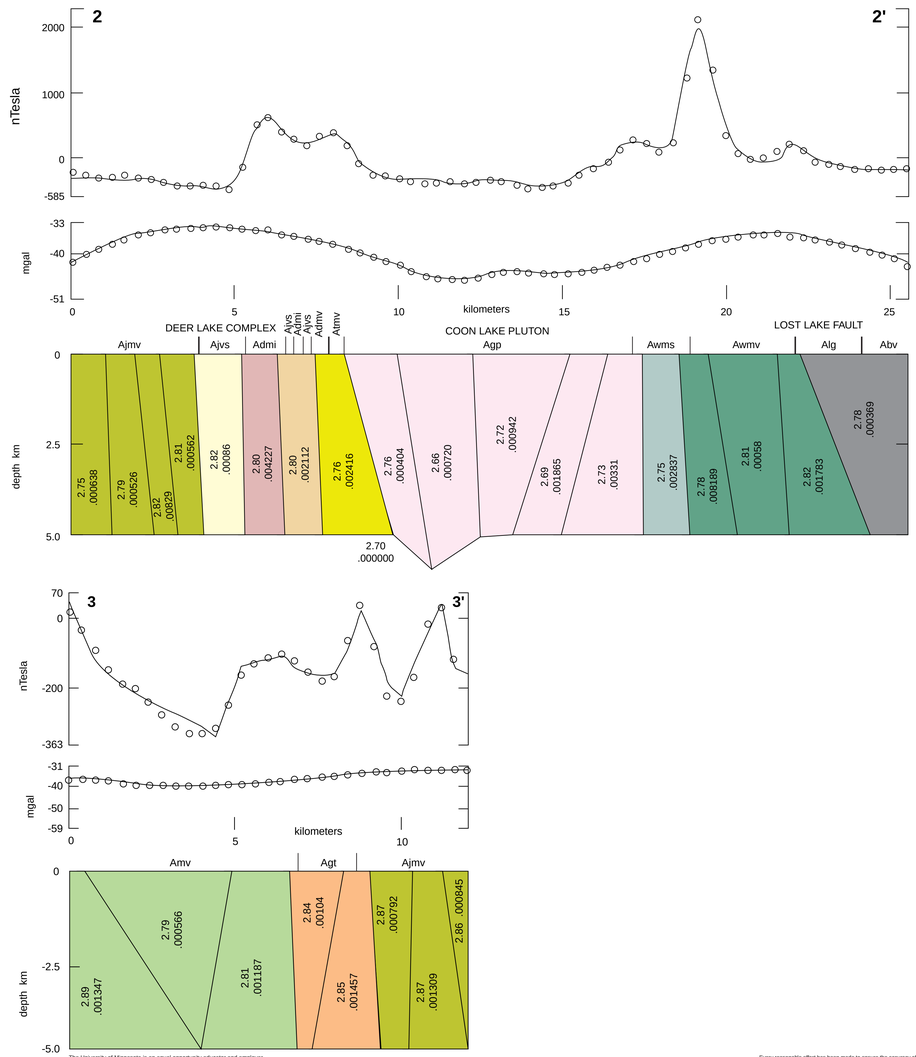
| = geologic contact

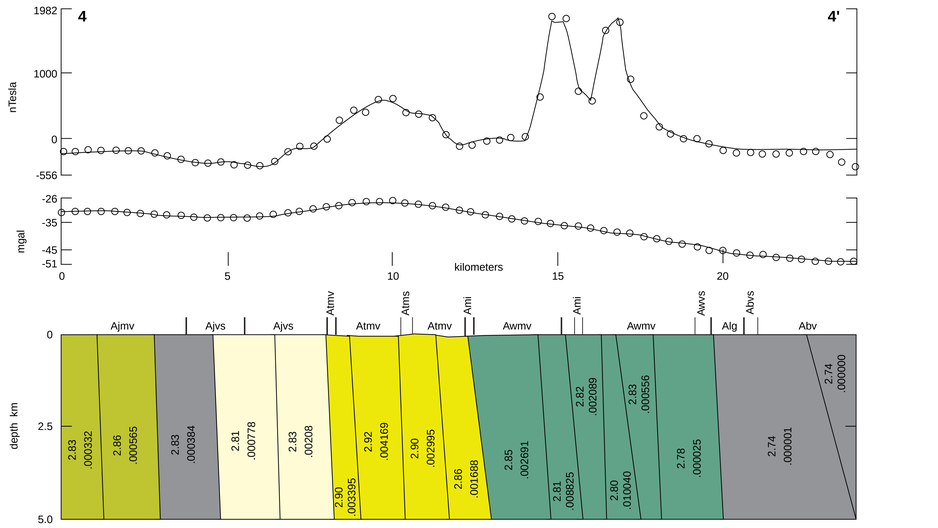
Grey-filled bodies represent geologic map units undifferentiated by the geophysical data models

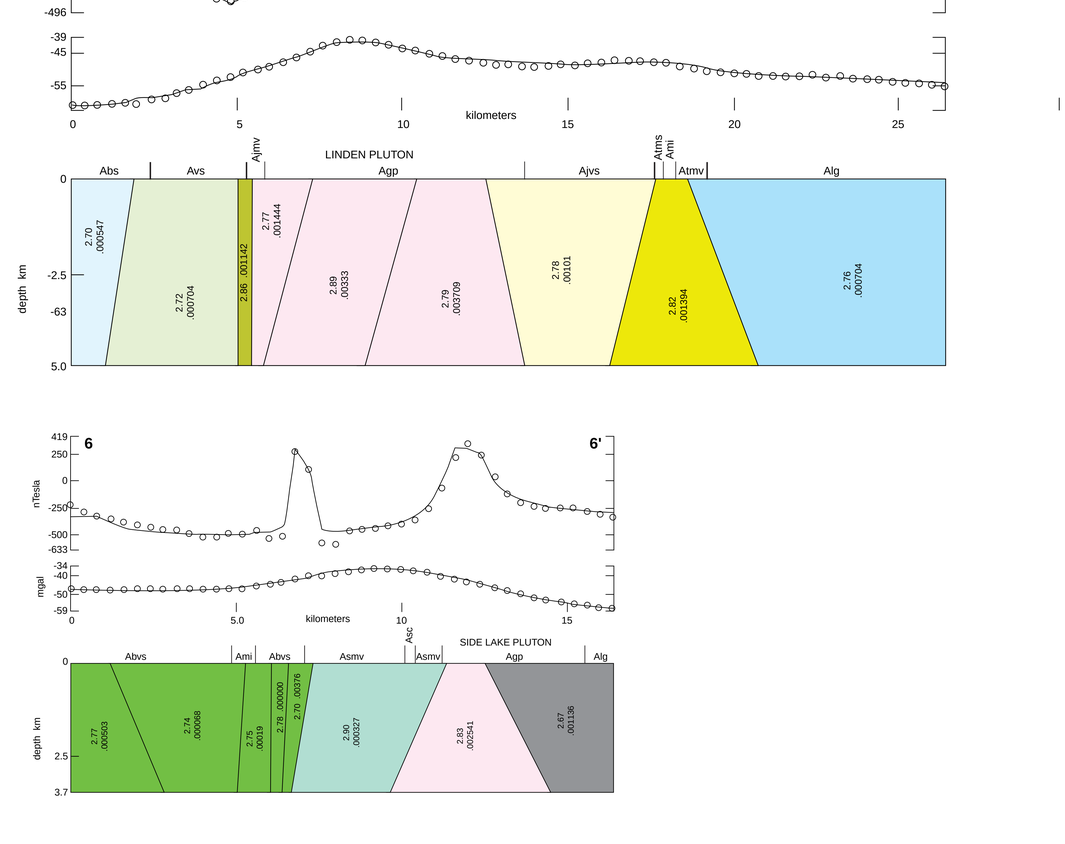
2.78 — density in g/cm³

.000576 — magnetic susceptability (cgs)









model preparation and graphic design by R.S. Lively
(July 1997)