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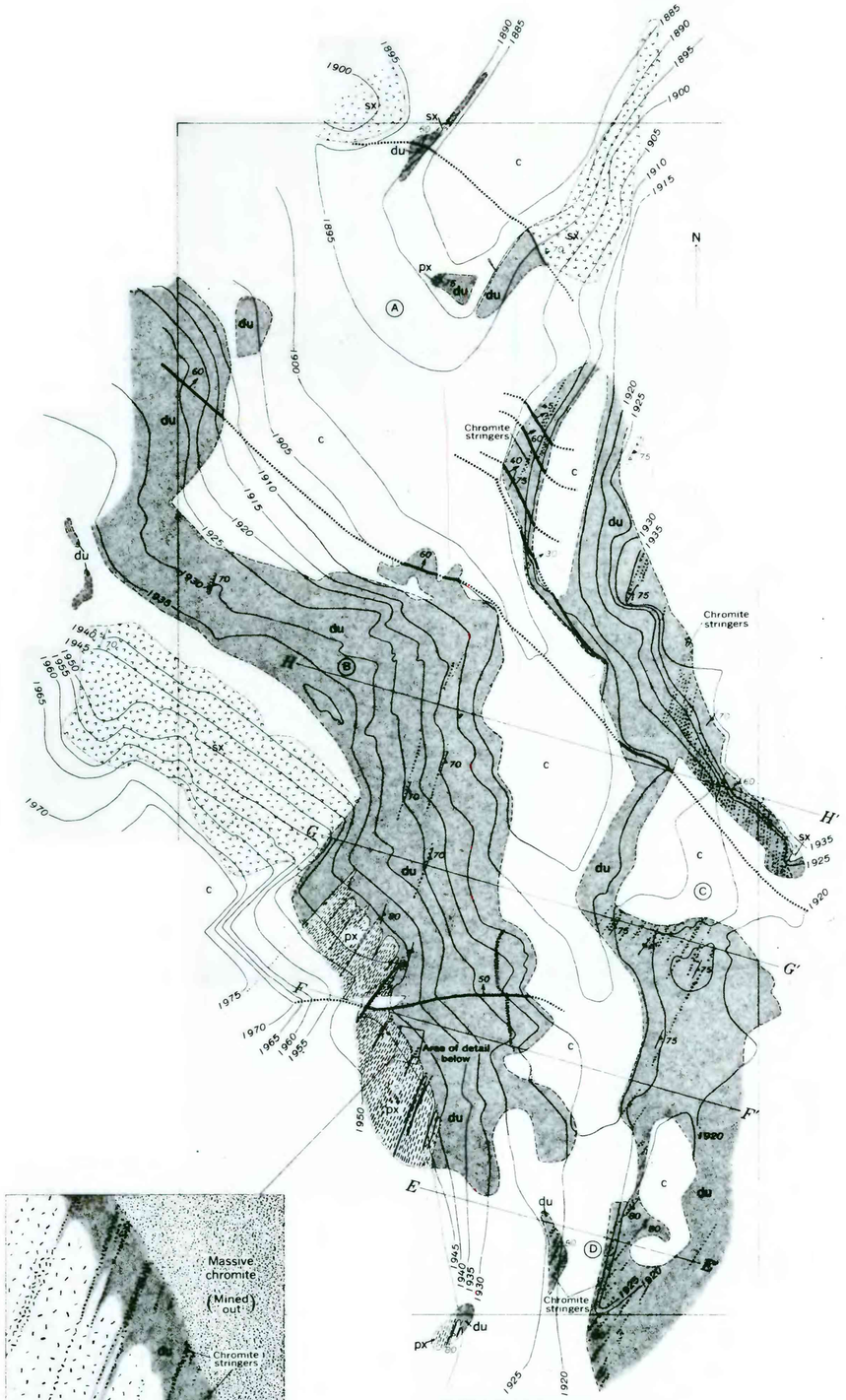
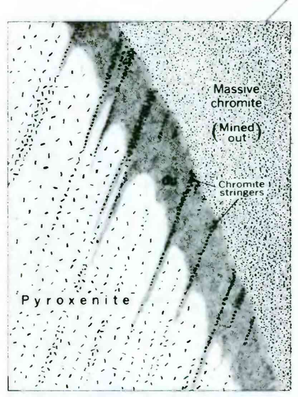
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE PHILIPPINE BUREAU OF MINES
UNDER THE AUSPICES OF
THE UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT

PLATE 8

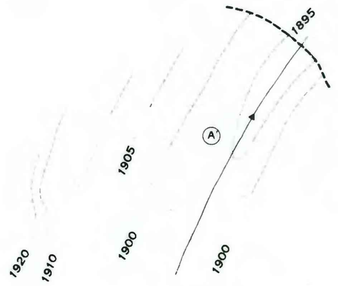


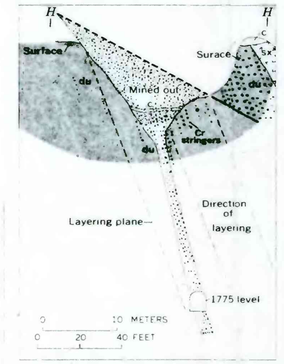
GEOLOGIC MAP



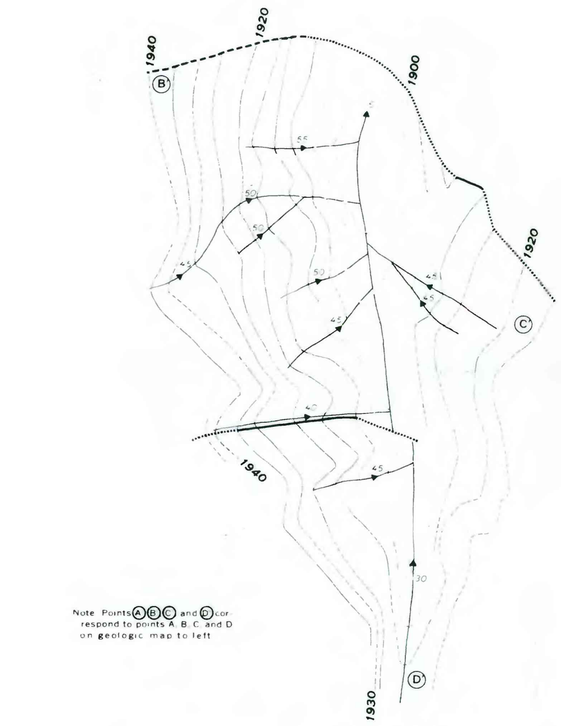
DETAIL OF CONTACT BETWEEN CHROMITE AND ENCLOSING ROCK

Base by D. L. Rossman and Z. Zepeda



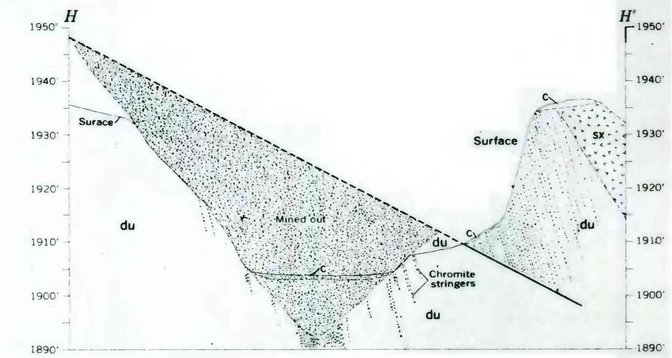


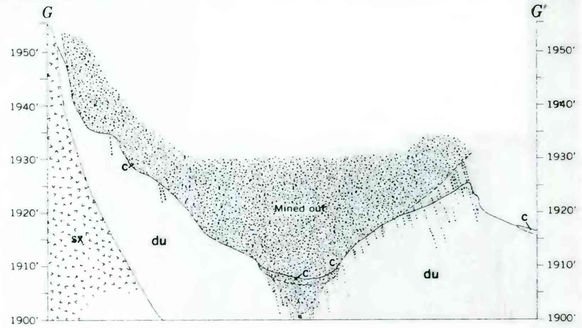
CROSS SECTION OF ORE DEPOSIT
Section along H–H' to the 1775 level. Long dashed lines indicate layering

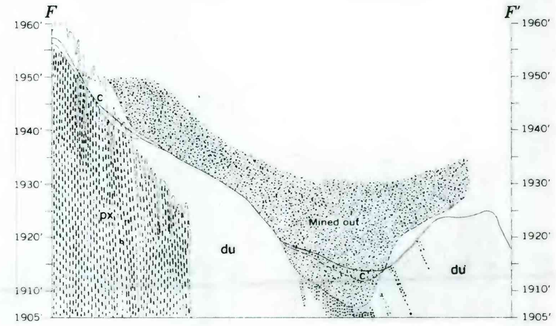


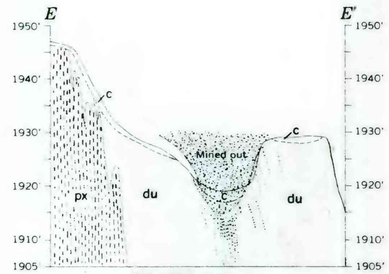
Note. Points A B C and D correspond to points A, B, C, and D on geologic map to left

STRUCTURE-CONTOUR MAP ON BASE OF ORE DEPOSIT









SECTIONS
Area, on cross sections, above present topographic surface represents a hypothetical reconstruction of the ore body and surrounding rock before mining

MAPS AND SECTIONS OF DEPOSIT K1-65, ACOJE MINE

10 0 10 METERS
10 0 10 20 30 40 50 FEET

E X P L A N A T I O N

- c — Covered
- du — Dunite
- sx — Saxonite
- px — Pyroxenite
- Chromite
- Contact — *Dashed where approximately located; dotted where concealed*
- Fault showing dip — *Dashed where inferred; dotted where concealed*
- 75 — Inclined Vertical — Strike and dip of chromite layers
- 70 — Inclined Vertical — Strike and dip of layering in Saxonite
- Contour on base of ore (Structure-contour map) — *Solid where exposed; dashed where inferred to lie above surface; dotted where inferred to lie beneath surface*
- 45 — *Axis and plunge of trough on base of ore deposit*

Geology by D. L. Rossman and Z. Zepeda, 1961