

· Plate XVII

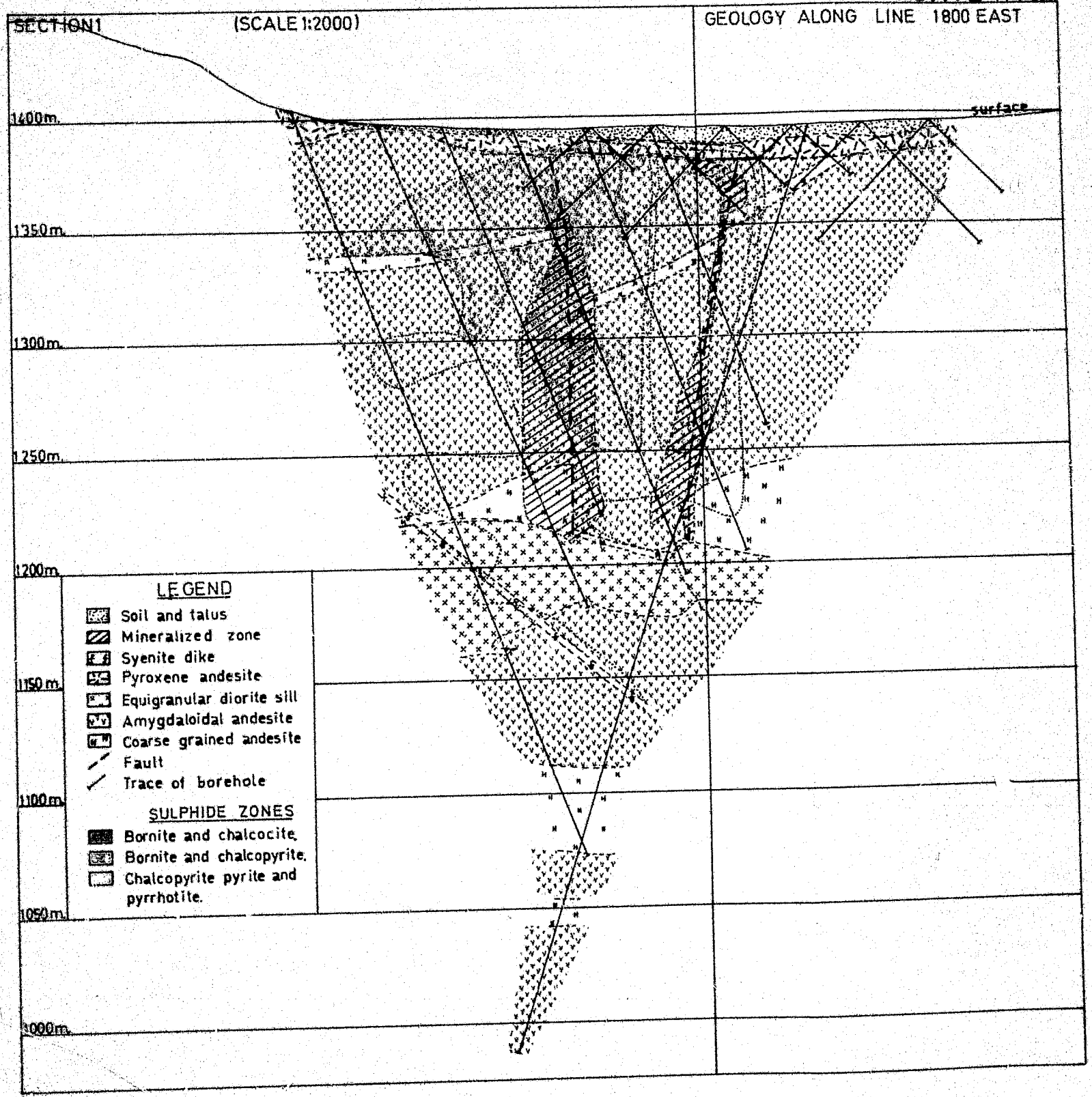


1

A P P E N D I X VII

Geological Sections and Geological Map

PLATE XVIII



SECTION 2

(SCALE 1:2000)

GEOLOGY ALONG LINE 1700 EAST

1450m










1400m

1350m




1300m

1250m

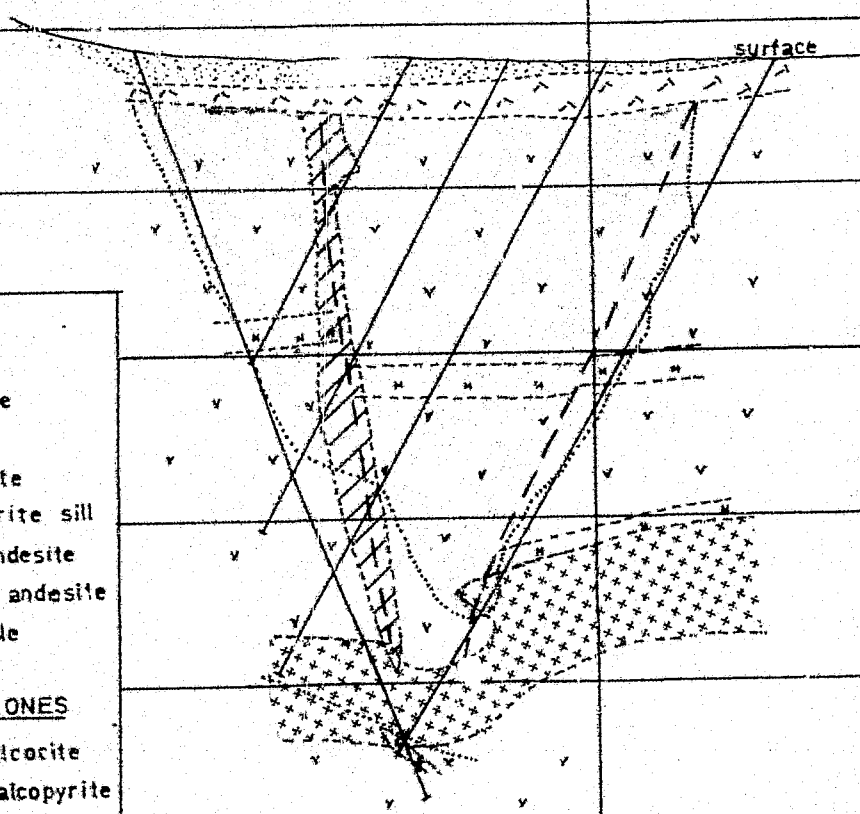
LEGEND

-  Soil and talus
-  Mineralized zone
-  Syenite dike
-  Pyroxene andesite
-  Equigranular diorite sill
-  Amygdaloidal andesite
-  Coarse grained andesite
-  Trace of borehole
-  Fault

SULPHIDE ZONES

-  Bornite and chalcocite
-  Bornite and chalcopyrite
-  Chalcopyrite, pyrite and pyrrhotite.

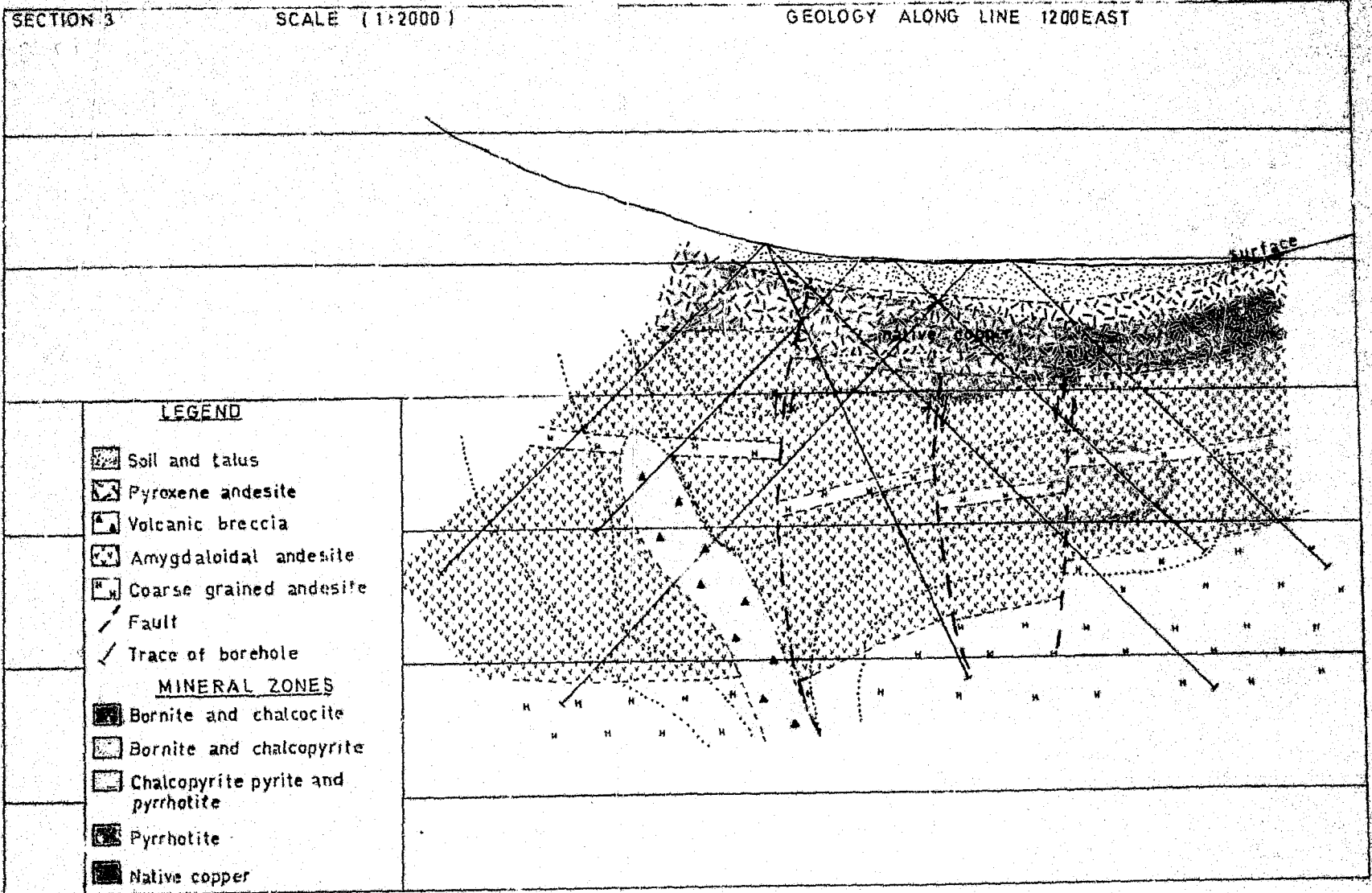
surface



SECTION 3

SCALE (1:2000)

GEOLOGY ALONG LINE 1200EAST



SECTION 4

SCALE (1:2000)

PLATE XXI

GEOLOGY ALONG LINE ZERO (AREA B)

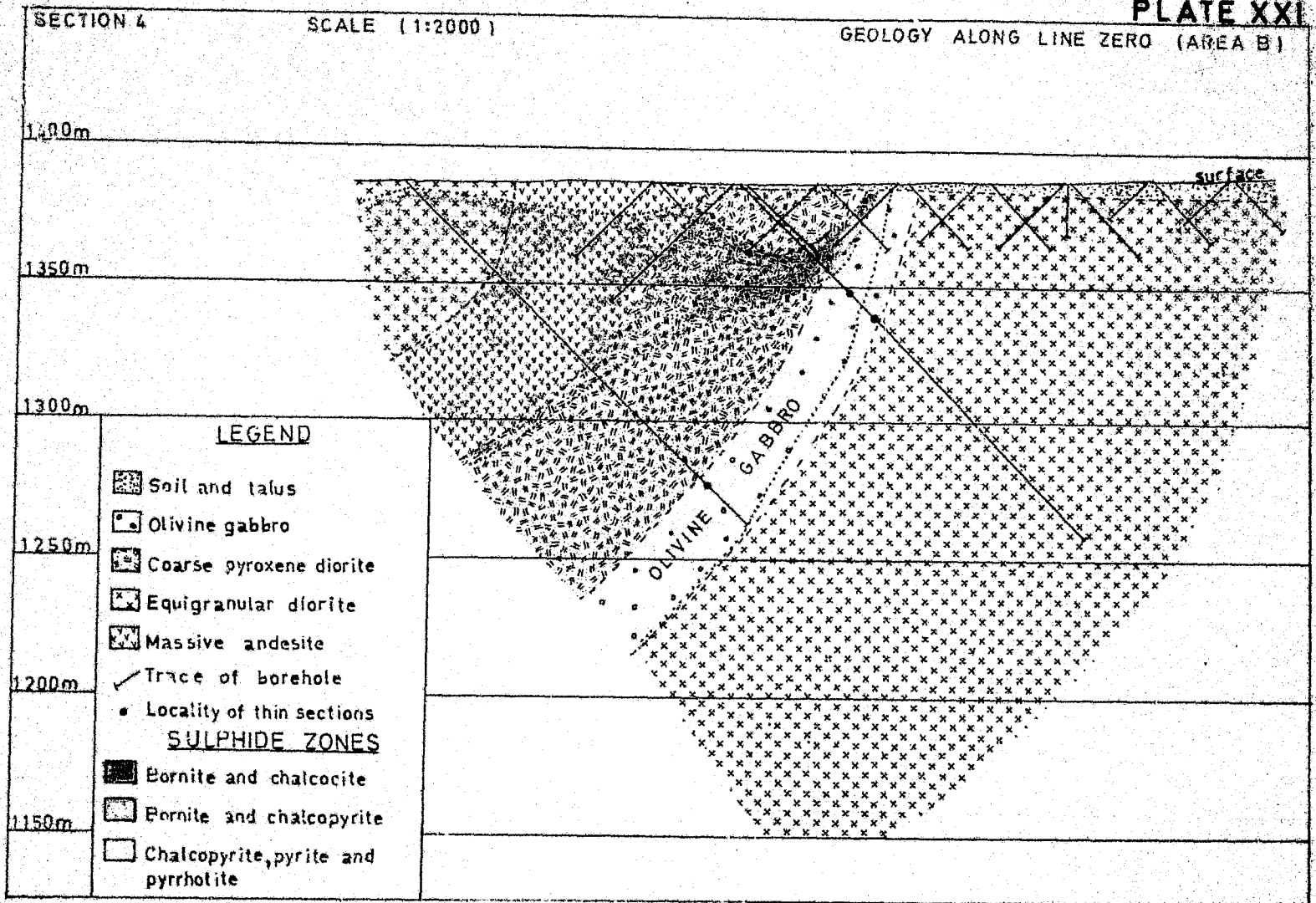


PLATE XXII

SECTION 5

SCALE (1:2 000)

GEOLOGY ALONG LINE 400 EAST

1450m.

1400m.







1350m.

1300m.




1250m.

1200m.

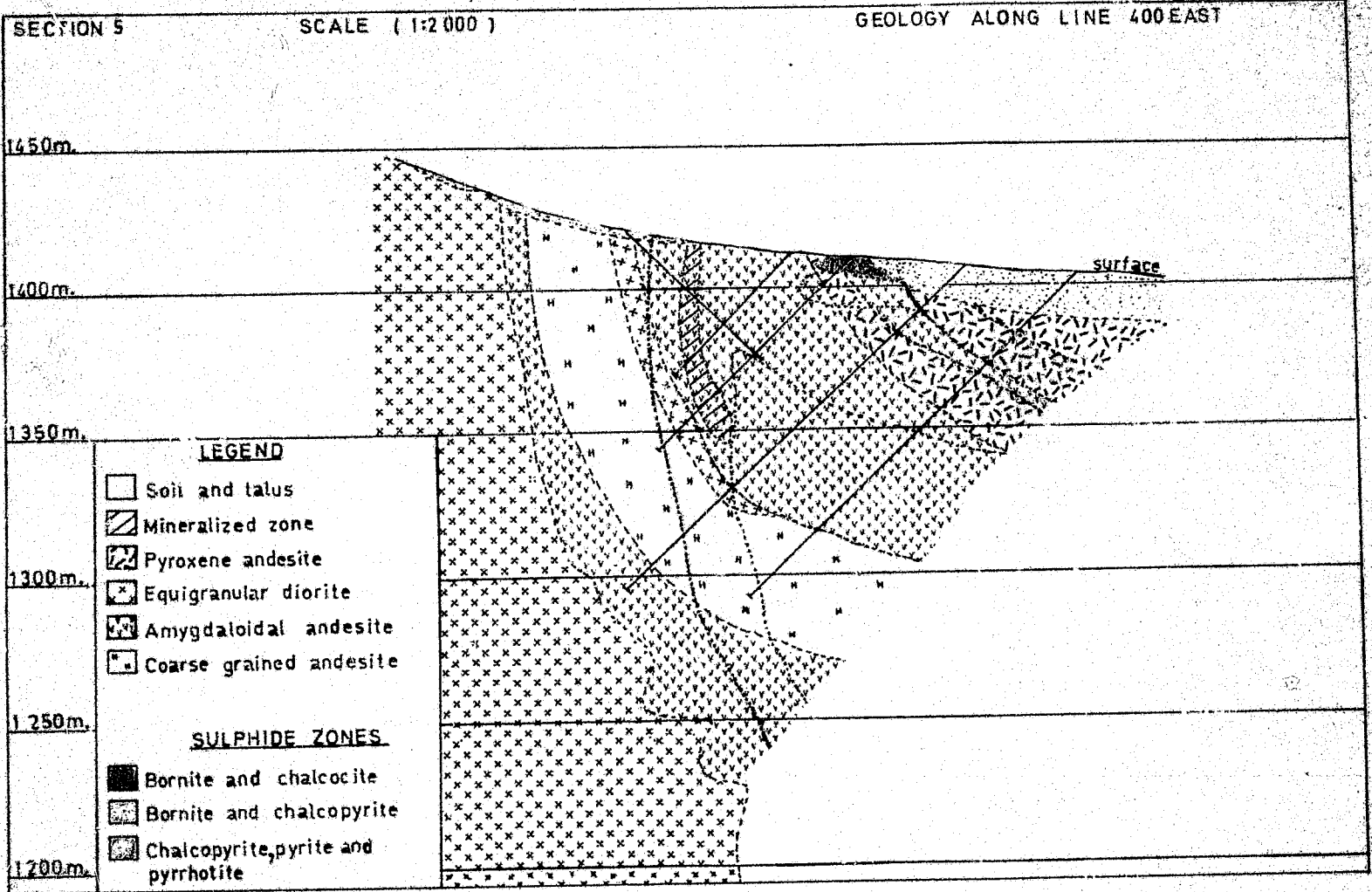
LEGEND

-  Soil and talus
-  Mineralized zone
-  Pyroxene andesite
-  Equigranular diorite
-  Amygdaloidal andesite
-  Coarse grained andesite

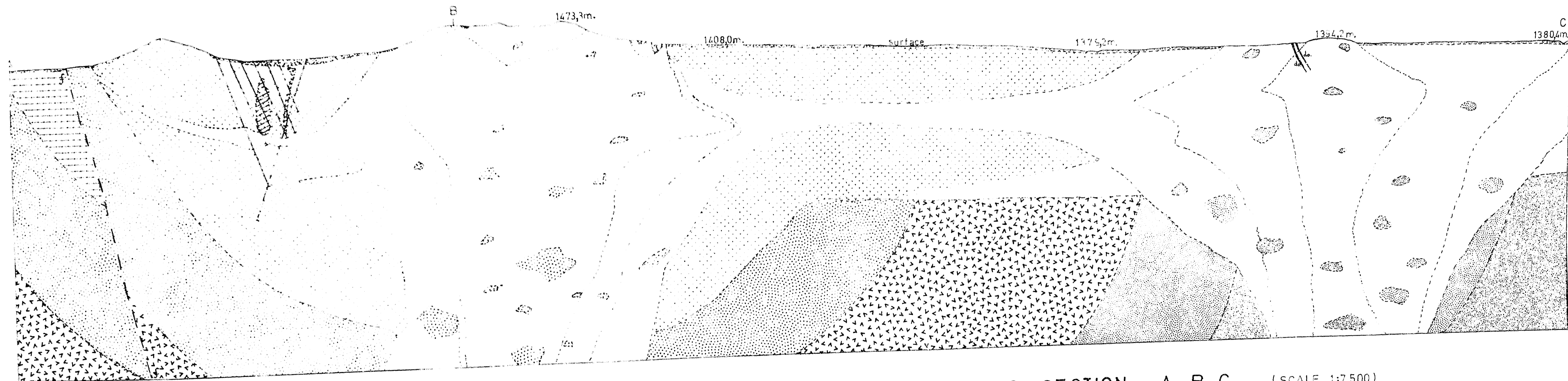
SULPHIDE ZONES

-  Bornite and chalcocite
-  Bornite and chalcopyrite
-  Chalcopyrite, pyrite and pyrrhotite

surface



Loose Map



CROSS SECTION A-B-C (SCALE 1:7500)

LEGEND

- Soil and talus
- Mineralized zone
- Dolerite dykes
- Coarse-grained pyroxene diorite
- Fine-grained pyroxene diorite
- Pyroxene andesite
- Equigranular diorite
- Amygdaloidal andesite
- Massive andesite

ROODEKRAAL IGNEOUS COMPLEX

- Diabase
- Maqaliesberg shales
- Maliesberg quartzites
- Daspoort quartzites
- Daspoort shales
- Trace of borehole
- Fault

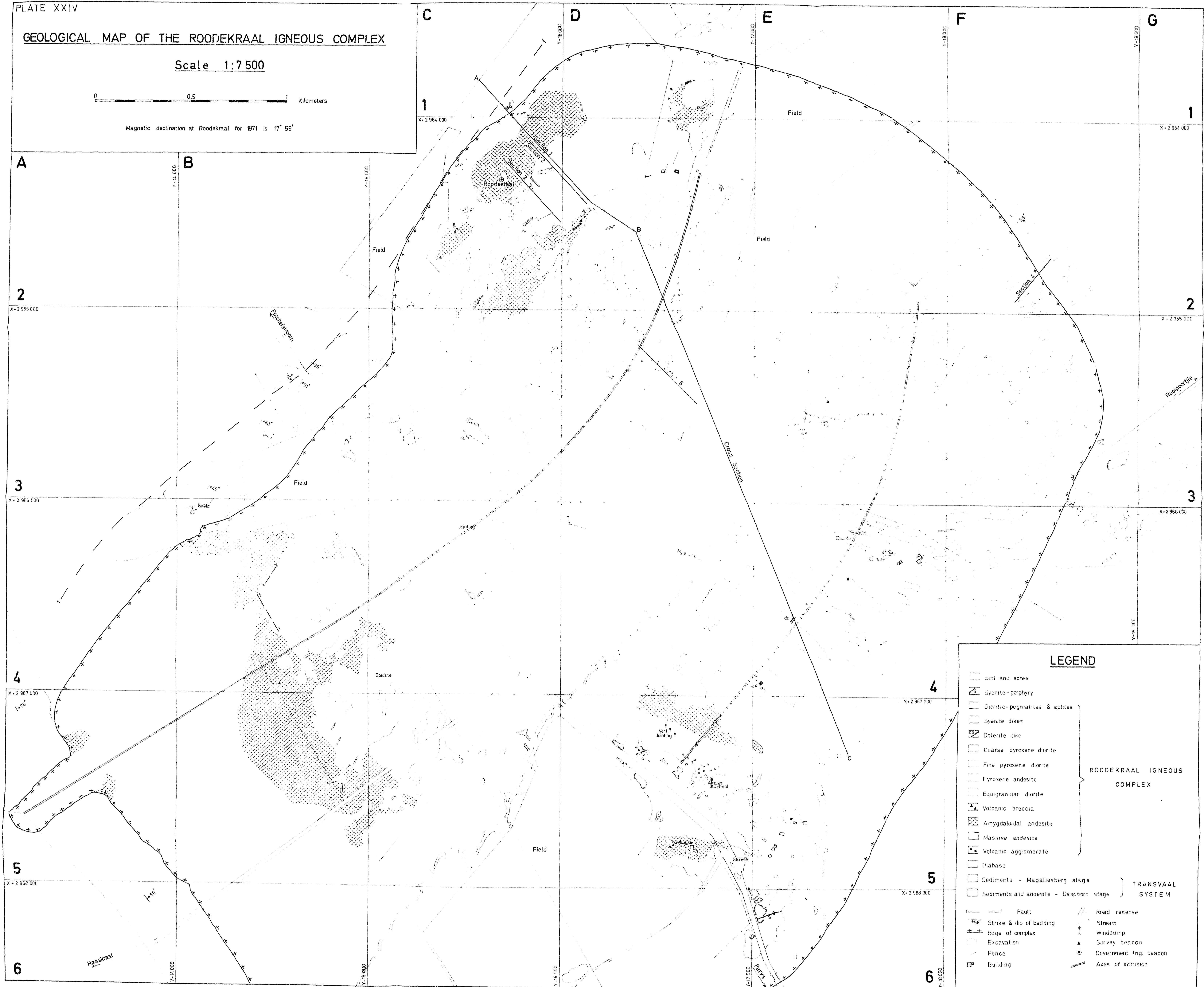
PRETORIA SERIES - TRANSVAAL SYSTEM

GEOLOGICAL MAP OF THE ROODEKRAAL IGNEOUS COMPLEX

Scale 1:7 500



Magnetic declination at Roodekraal for 1971 is 17° 59'



LEGEND

- | | | |
|--|--|----------------------------|
| | soil and scree | |
| | diorite-porphry | |
| | diorite-pegmatites & apfites | ROODEKRAAL IGNEOUS COMPLEX |
| | syenite dikes | |
| | diorite dikes | |
| | coarse pyroxene diorite | |
| | fine pyroxene diorite | |
| | pyroxene andesite | |
| | equigranular diorite | |
| | volcanic breccia | |
| | amygdaloidal andesite | |
| | massive andesite | |
| | volcanic agglomerate | |
| | diabase | TRANSVAAL SYSTEM |
| | sediments - Magaliesberg stage | |
| | sediments and andesite - Daarpoort stage | |
| | fault | |
| | strike & dip of bedding | |
| | edge of complex | |
| | excavation | |
| | fence | |
| | building | |
| | road reserve | |
| | stream | |
| | windpump | |
| | survey beacon | |
| | government trig. beacon | |
| | axes of intrusion | |

Author Clark R J M

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