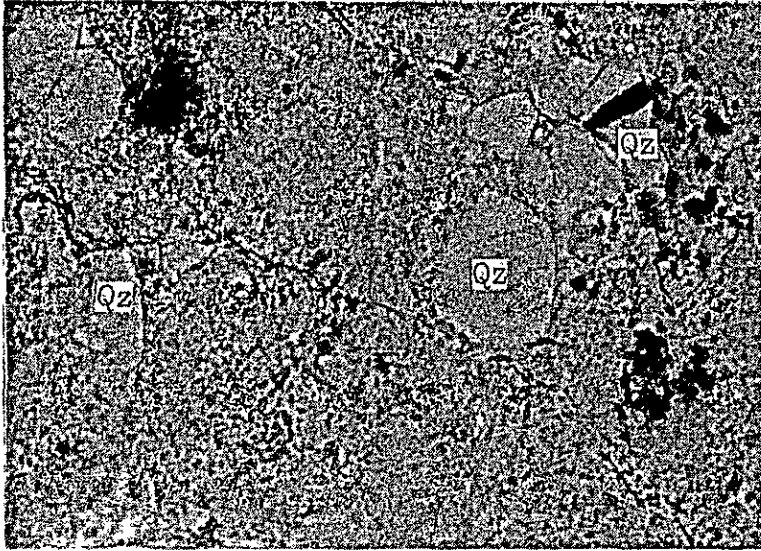


Table I—3 Photomicrographs

Mineral and metal abbreviations

An	Andesite	Hb	Hornblende
Ap	Apatite	Il	Ilmenite
Au	Augite	Mg	Magnetite
Bi	Biotite	Mc	Malachite
Ca	Calcite	Mu	Muscovite
Cc	Chalcocite	Op	Opaque mineral
Cp	Chalcopyrite	Or	K-feldspar
Ch	Chlorite	Py	Pyrite
Cr	Chrysocolla	Qz	Quartz
Dio	Diopside	Se	Sericite
Ep	Epidote	Sp	Sphalerite
Fl	Fluorite	Sh	Sphene
Gn	Galena	Td	Tetrahedrite
G	Gangue	Ze	Zeolite
Ga	Garnet		
Gt	Goethite		
Hm	Hematite		

Thin Sections



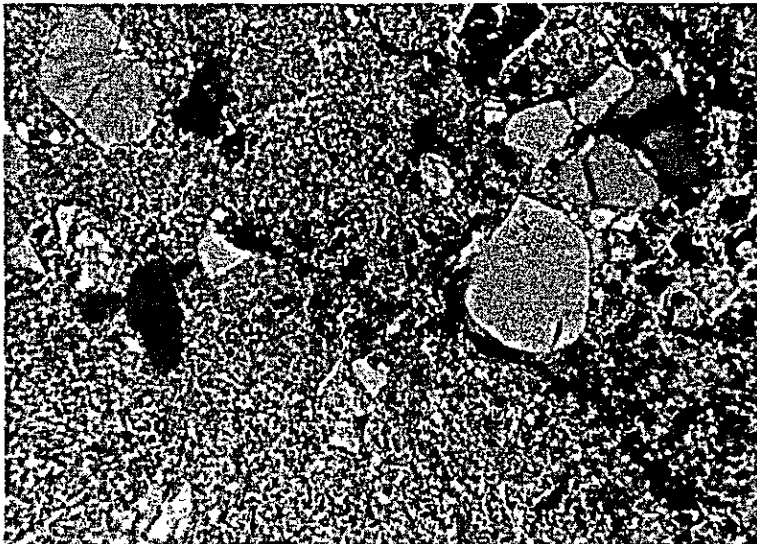
Sample No. 0201

Rock name:

Quartz porphyry

Open nicol

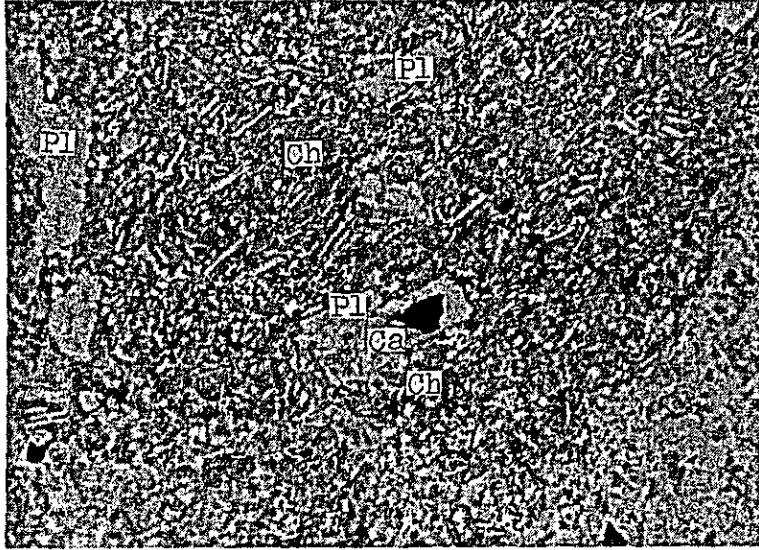
1 mm



Sample No. 0201

Crossed nicols

1 mm



Sample No. 0204

Rock name:

Tuff breccia

Open nicol

1 mm



Sample No. 0204

Crossed nicols

1 mm



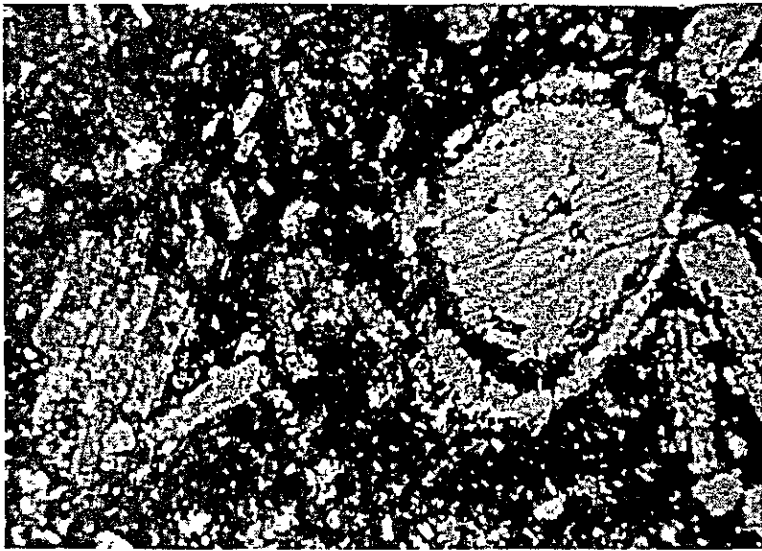
Sample No. 1601

Rock name:

Altered andesite

Open nicol

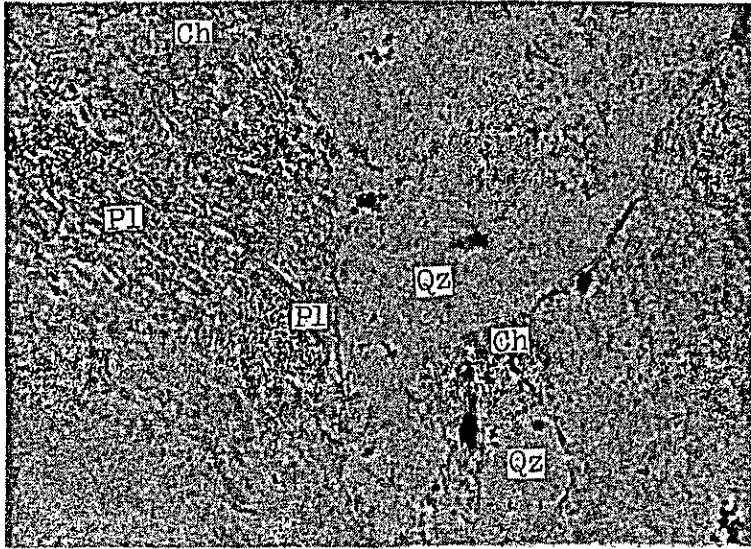
1 mm



Sample No. 1601

Crossed nicols

1 mm



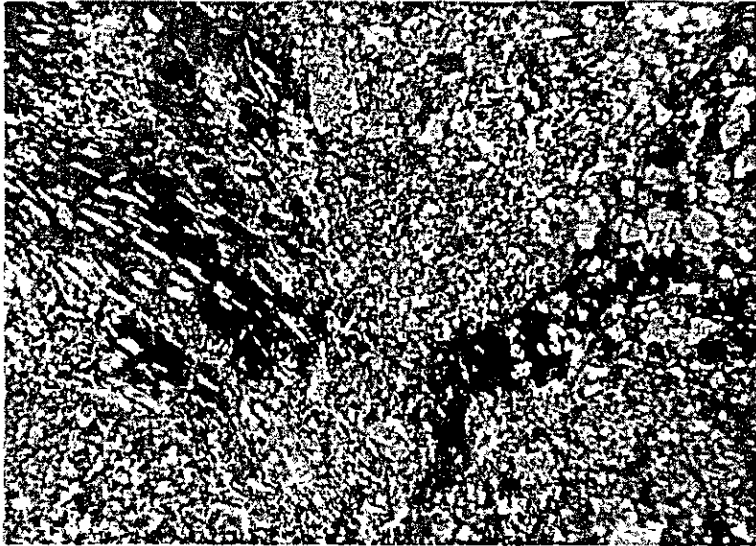
Sample No. 81105

Rock name:

Welded tuff

Open nicol

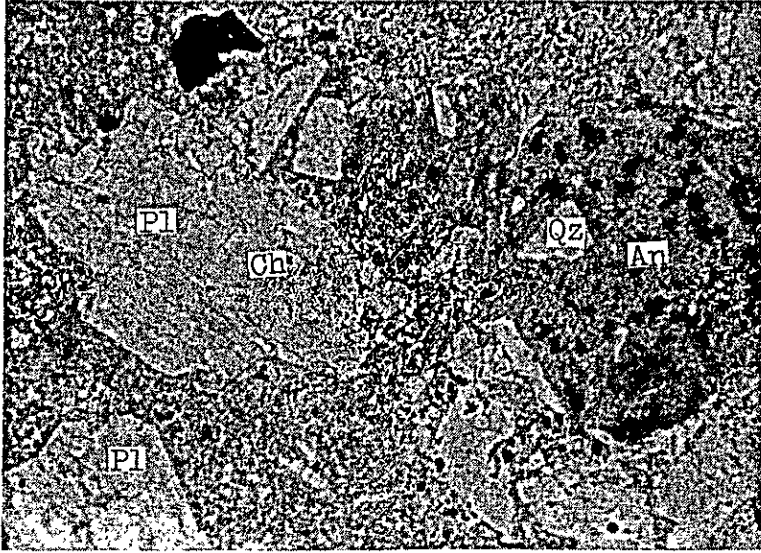
1 mm



Sample No. 81105

Crossed nicols

1 mm



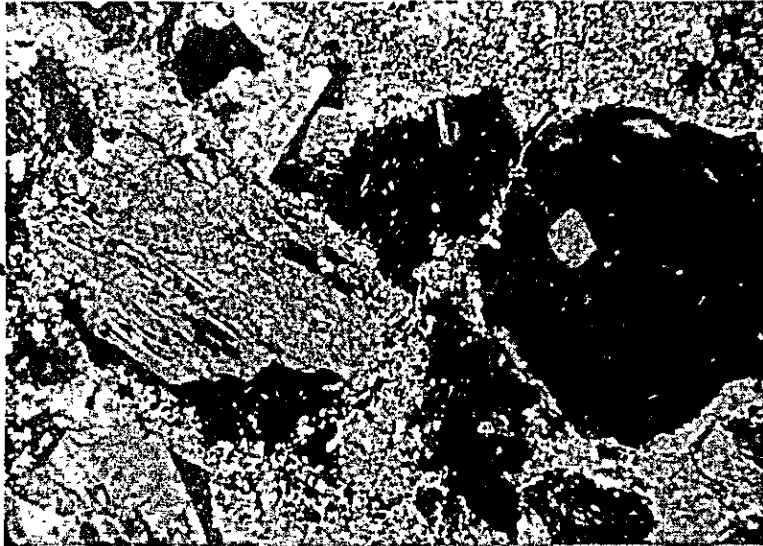
Sample No. 2202

Rock name:

Tuff breccia

Open nicol

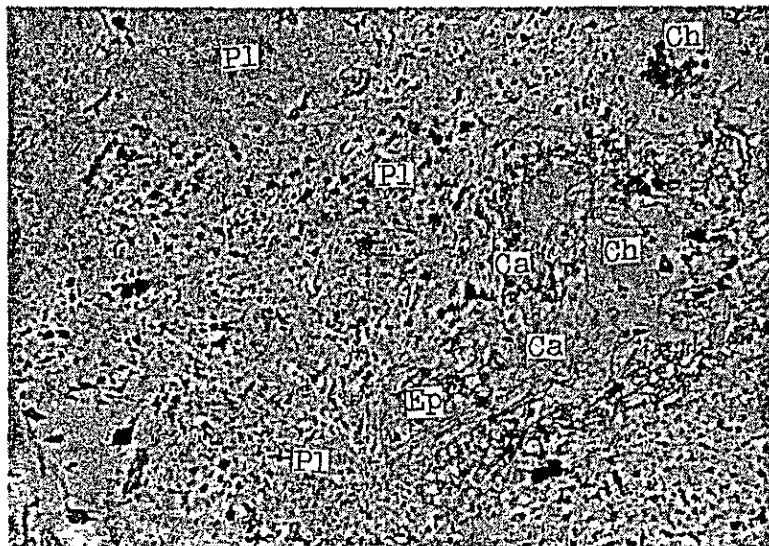
1 mm



Sample No. 2202

Crossed nicols

1 mm



Sample No. 2205

Rock name:

Altered andesite

Open nicol

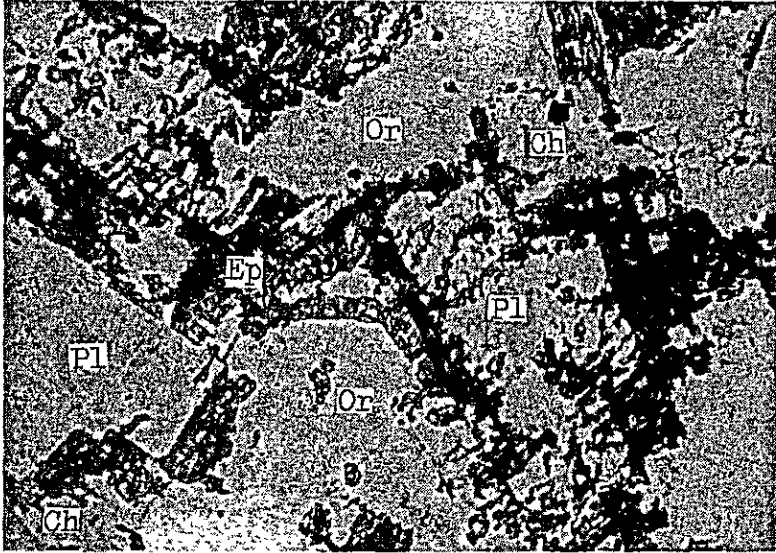
1 mm



Sample No. 2205

Crossed nicols

1 mm



Sample No. 71902

Rock name:

Granodiorite

Open nicol

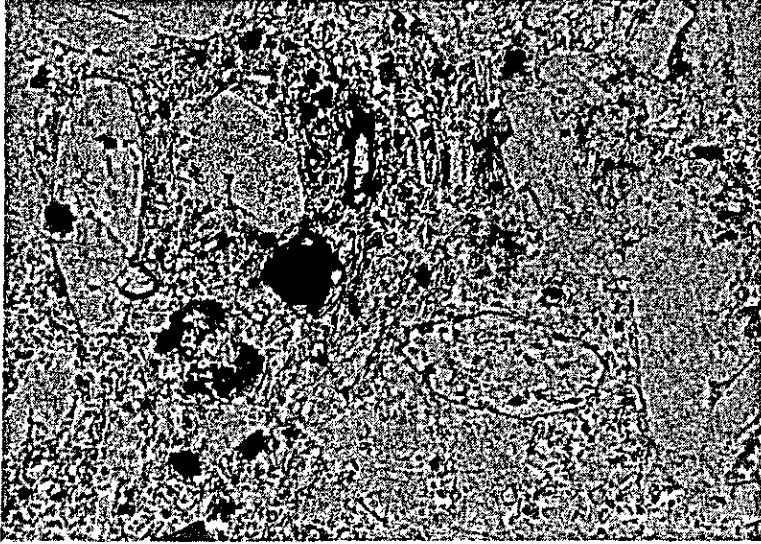
1 mm



Sample No. 71902

Crossed nicols

1 mm



Sample No. 81810
Rock name:
Altered andesite

Open nicol

1 mm



Sample No. 81810

Crossed nicols

1 mm



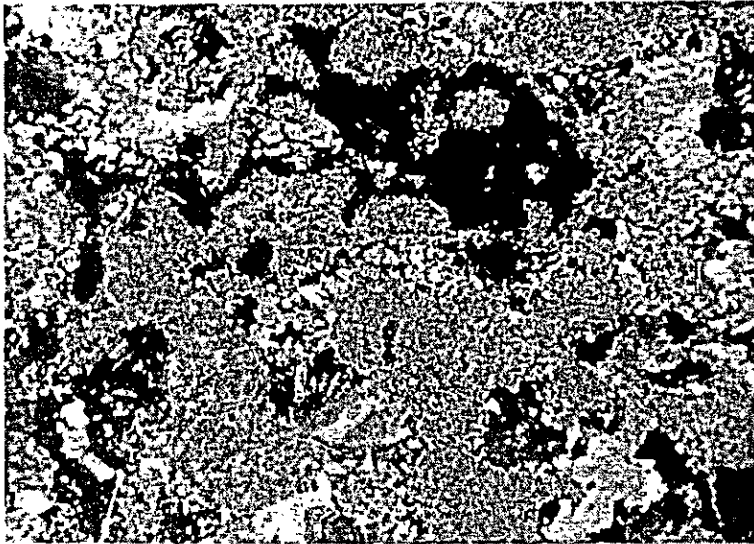
Sample No. 82601

Rock name:

Carbonaceous conglomerate

Open nicol

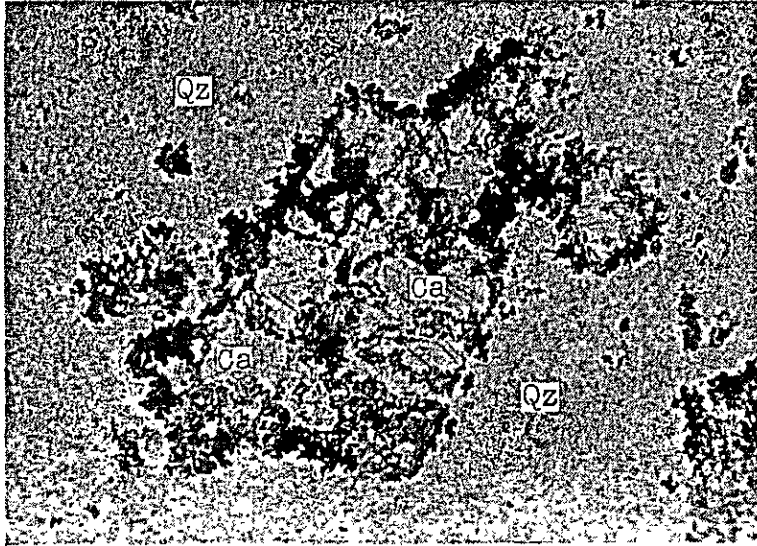
1 mm



Sample No. 82601

Crossed nicols

1 mm



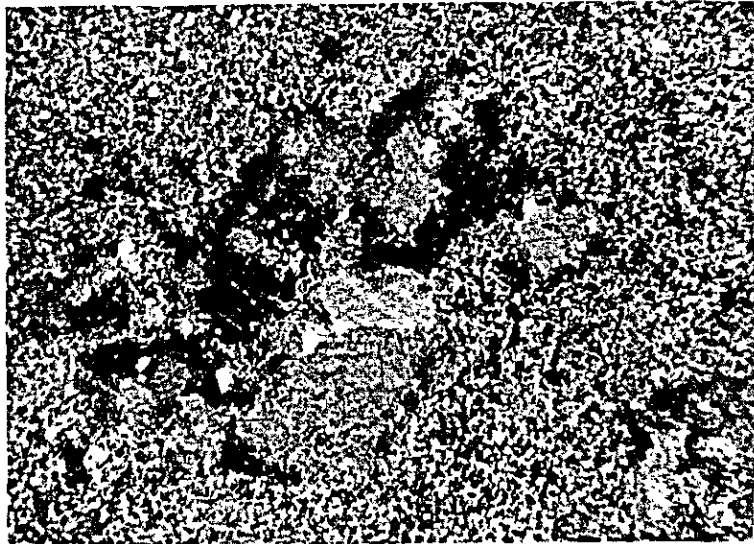
Sample No. 1161

Rock name:

Tuff

Open nicol

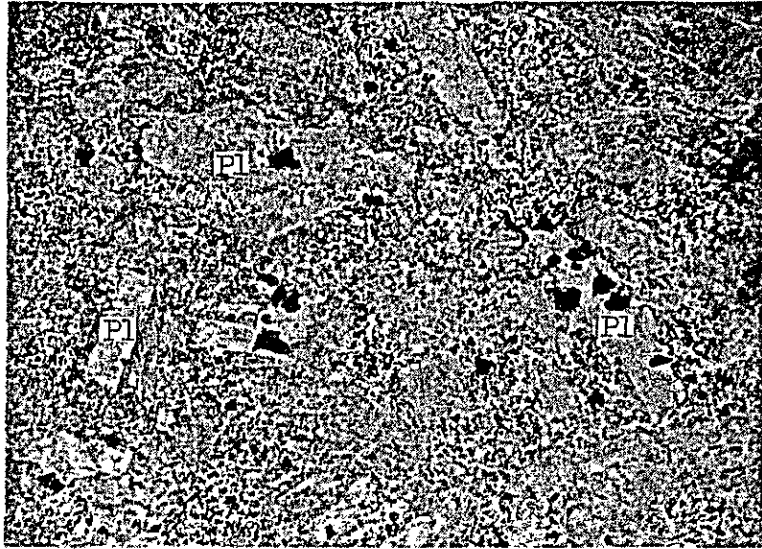
1 mm



Sample No. 1161

Crossed nicols

1 mm



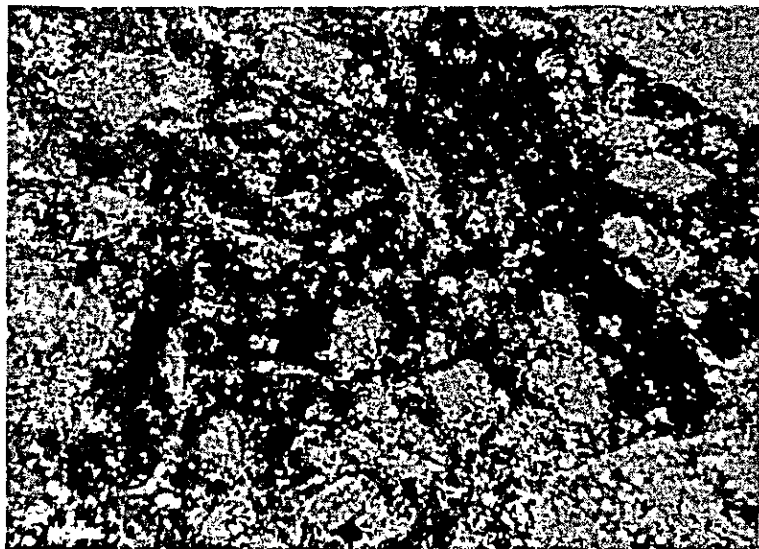
Sample No. 2276

Rock name:

Altered andesite

Open nicol

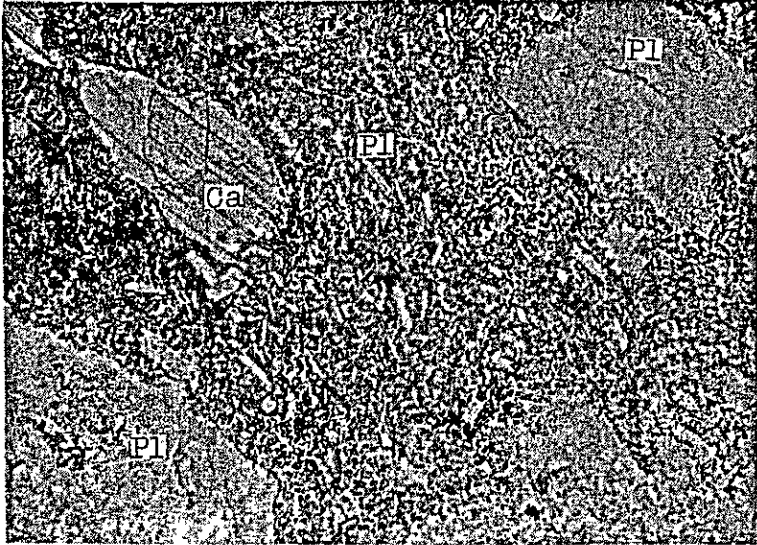
1 mm



Sample No. 2276

Crossed nicols

1 mm



Sample No. 3340

Rock name:

Tuff breccia

Open nicol

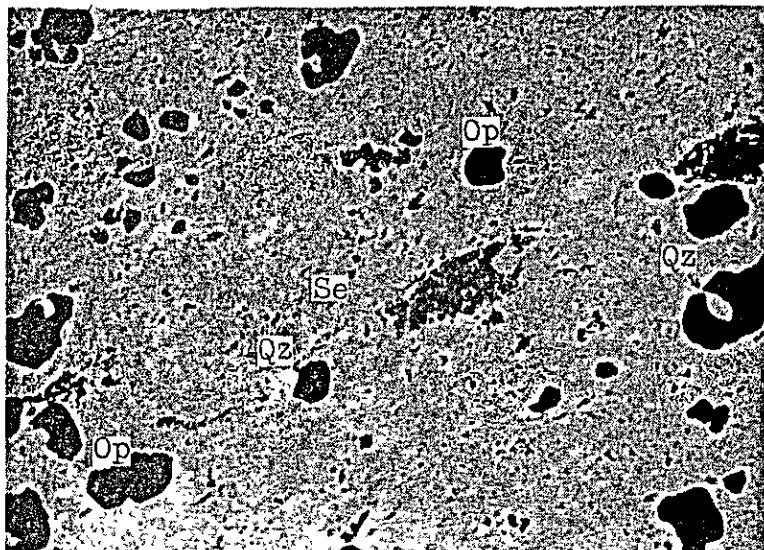
1 mm



Sample No. 3340

Crossed nicols

1 mm



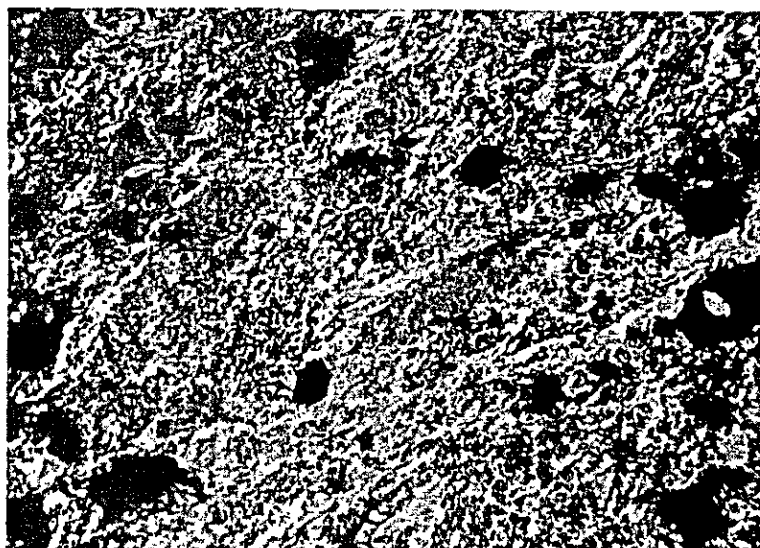
Sample No. 4221

Rock name:

Tuff

Open nicol

1 mm

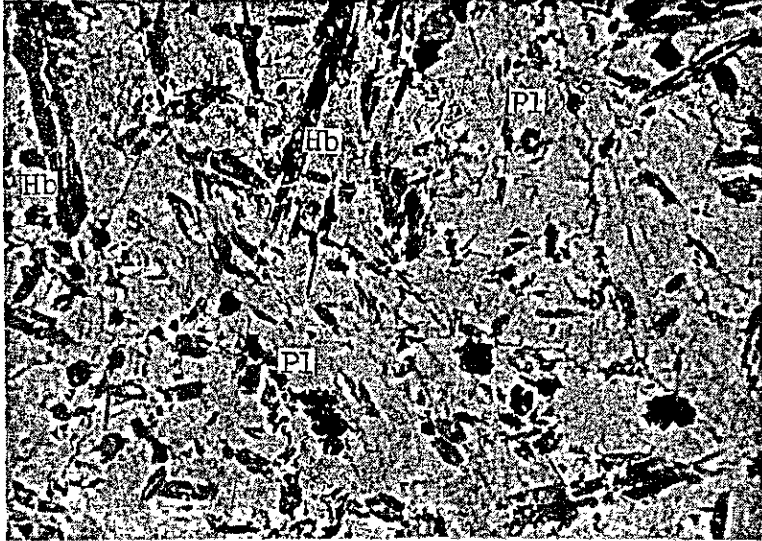


Sample No. 4221

Crossed nicols

1 mm





Sample No. 4495

Rock name:

Porphyrite

Open nicol

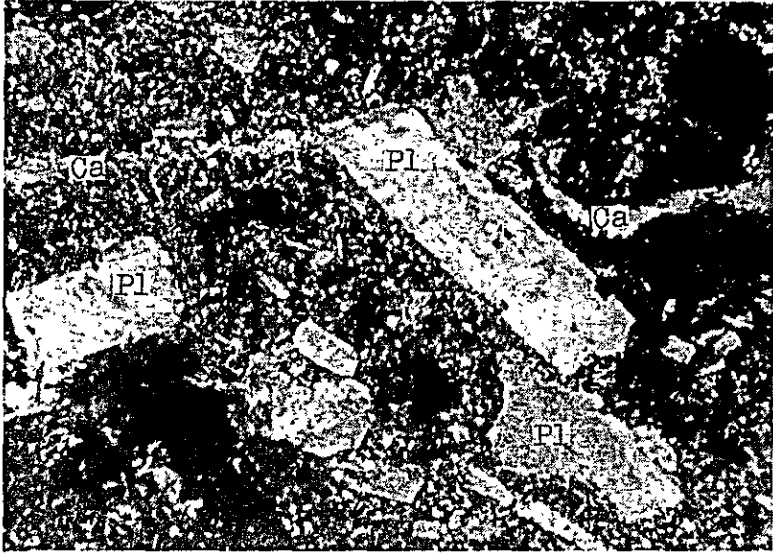
1 mm



Sample No. 4495

Crossed nicols

1 mm



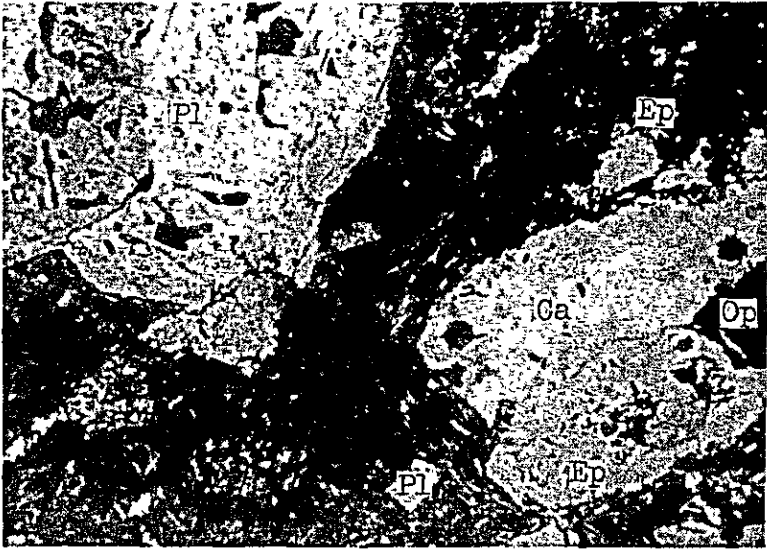
Sample No. 6191

Rock name:

Andesite

Open nicol

1 mm



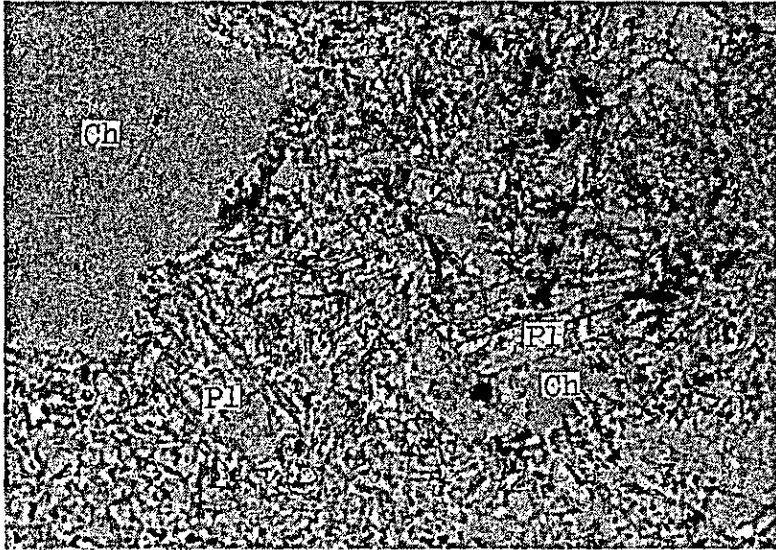
Sample No. 6218

Rock name:

Andesite

Open nicol

1 mm



Sample No. 6274

Rock name:

Porphyrite

Open nicol

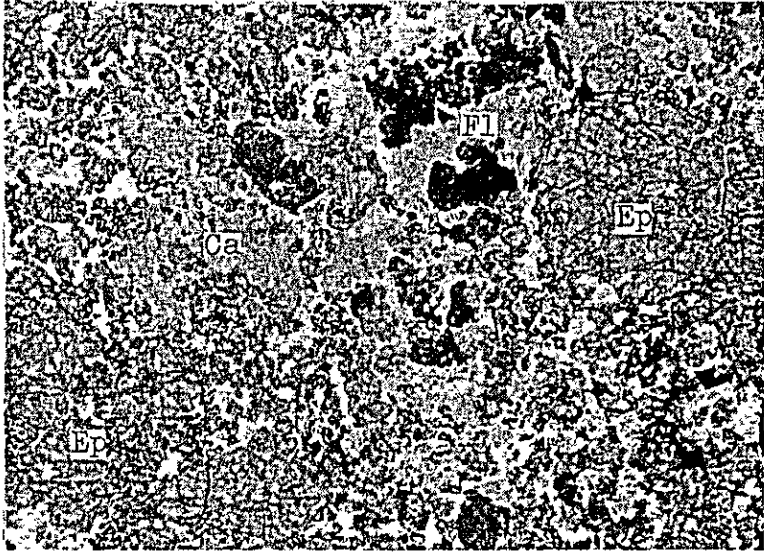
1 mm



Sample No. 6274

Crossed nicols

1 mm



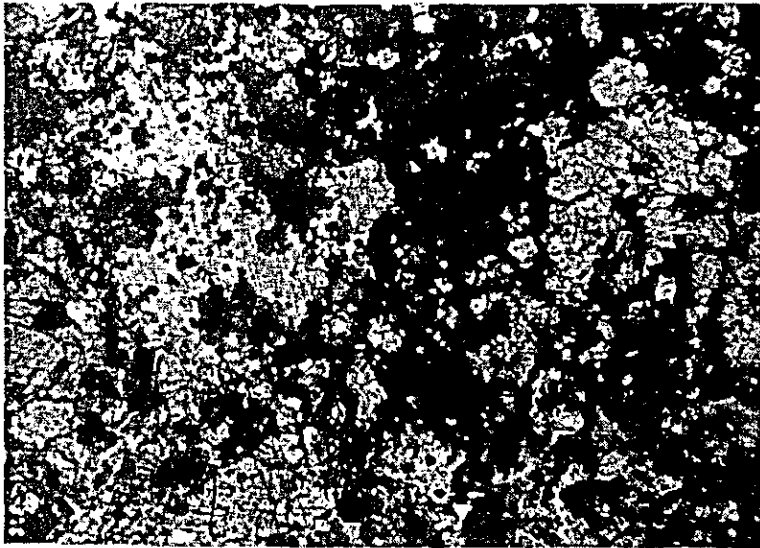
Sample No. 7095

Rock name:

Epidote Fluorite skarn

Open nicol

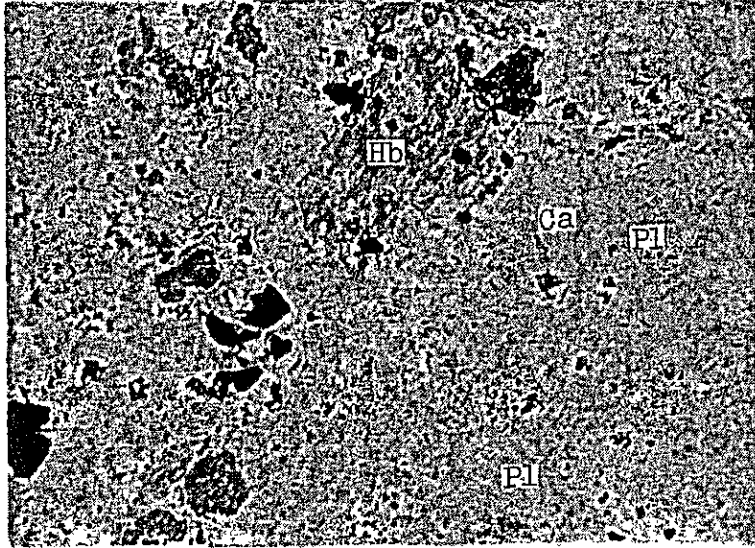
1 mm



Sample No. 7095

Crossed nicols

1 mm



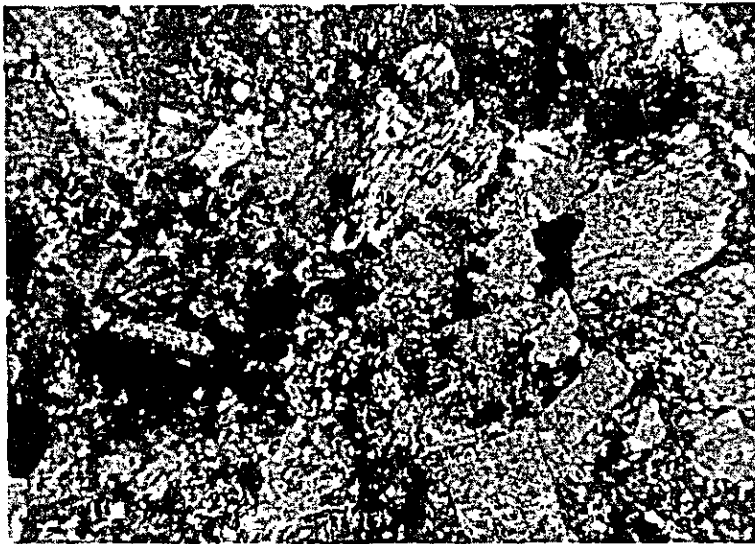
Sample No. 7110

Rock name:

Porphyritic granodiorite

Open nicol

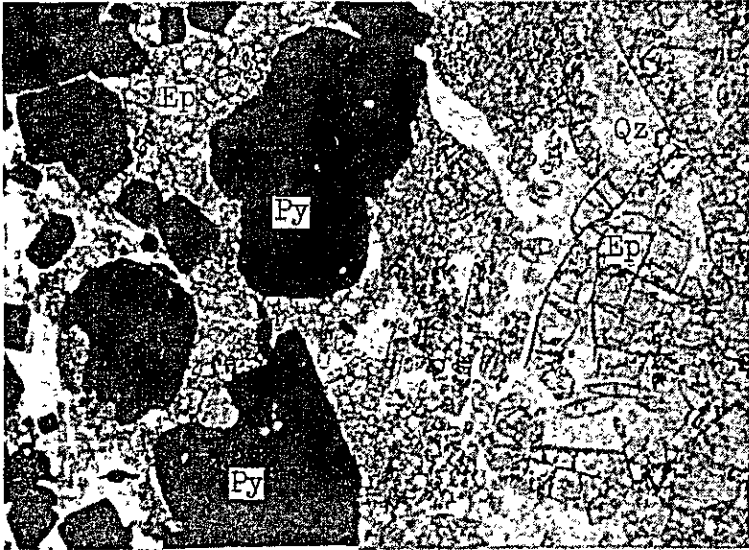
1 mm



Sample No. 7110

Crossed nicols

1 mm



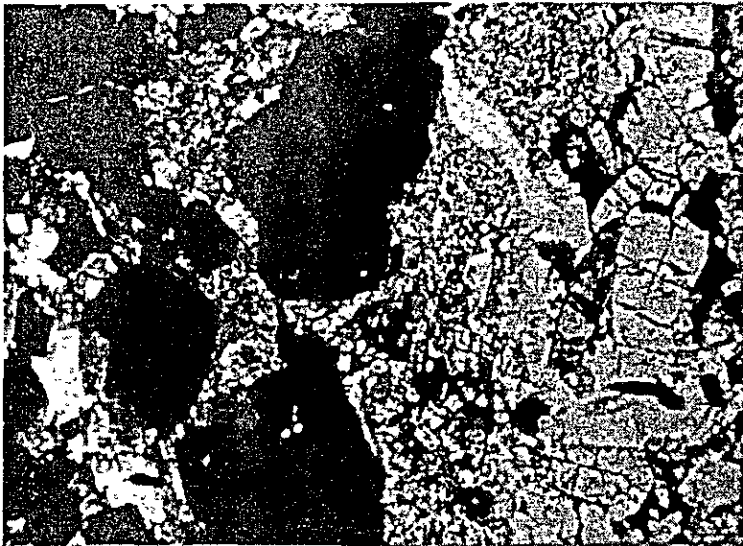
Sample No. 7113

Rock name:

Epidote skarn

Open nicol

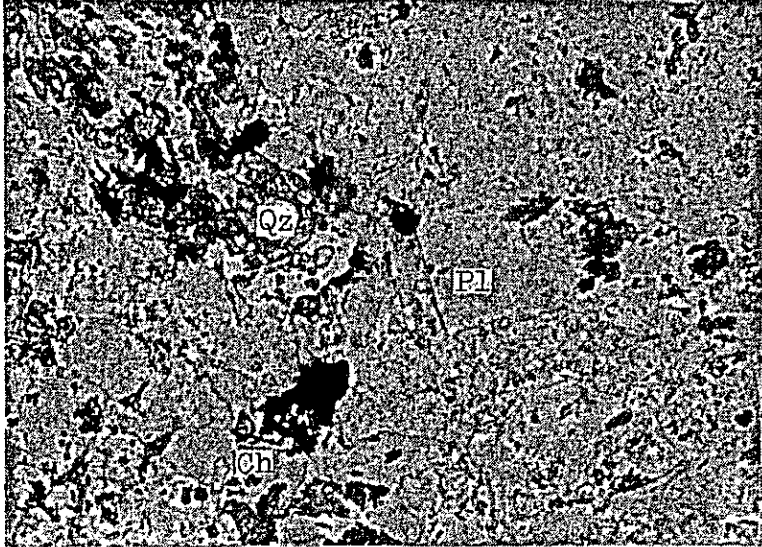
1 mm



Sample No 7113

Crossed nicols

1 mm



Sample No. 7156

Rock name:

Porphyritic diorite

Open nicol

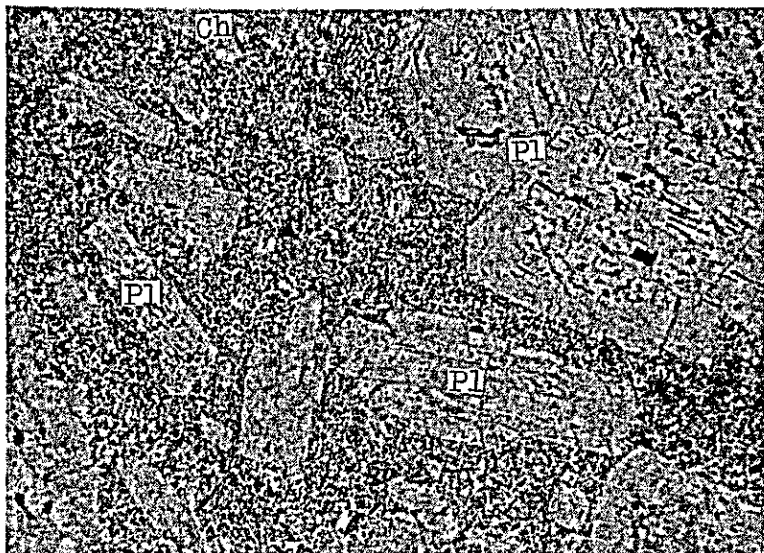
1 mm



Sample No. 7156

Crossed nicols

1 mm



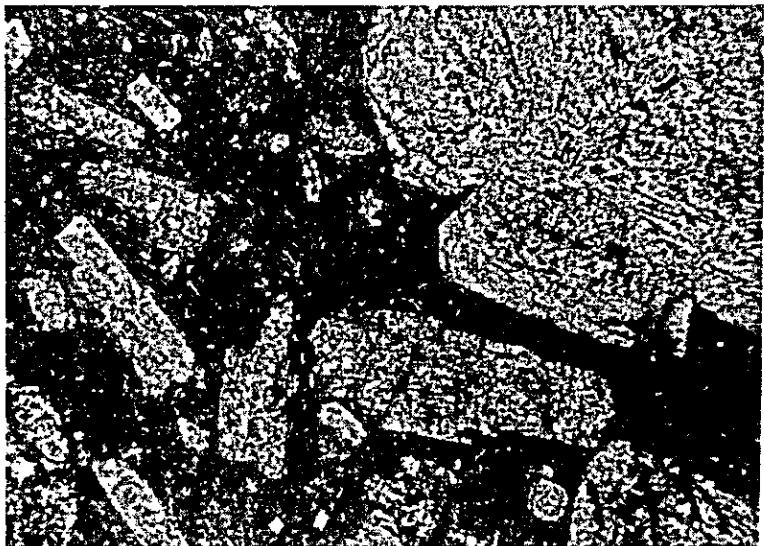
Sample No. 8115

Rock name:

Meta andesite

Open nicol

1 mm



Sample No. 8115

Crossed nicols

1 mm

