NORTH

SOUTH

A

A'

1800

1700

P-156

P-155

P-146

P-171

Cracked No Return

dry

dry

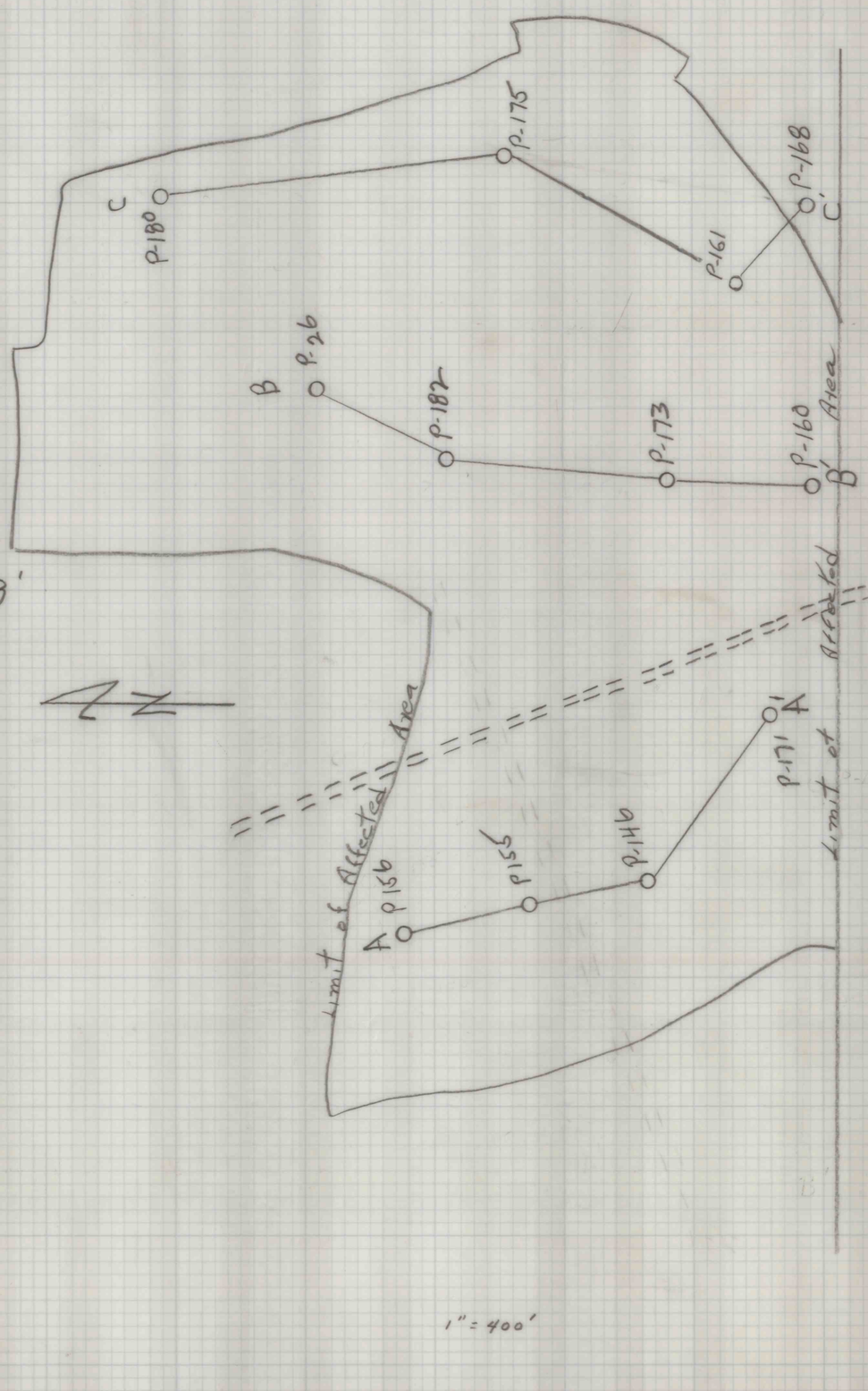
?

Lower Kittanning

(B) Coal Complex

(A) Clarion Coal

LOCATION SKETCH
from EXHIBIT IV



B

P-26

P-182

P-173

P-160

1800

1700

Upper Coal

Kittanning (C) horizon

Middle Kittanning Coal

(C)

Lower Kittanning Coal

(B)

dry

dry

dry

C

P-180

P-175

(P-161)

P-168

C'

1800

1700

Middle Kittanning Coal

(C)

Lower Kittanning Coal

(B)

B

*dry

*Cracked (Mine below)

> est. base B Coal

dry

dry

scale - vertical 1"=20'
horizontal 1"=200'

1"=400'

mine spoil

sandstone

clay; claystone

shale,

dark shale

black shale

silty or sandy shale (interbedded)

▶ water horizon

GEOLOGY AND HYDROLOGY

SUPPLEMENT TO EXHIBIT I

CROSS-SECTIONS

ANTRIM MINING INC. #1

DUNCAN TWP., TIOGA CO., PA.

SCALE: AS NOTED

E.F. Koppe 8-81