


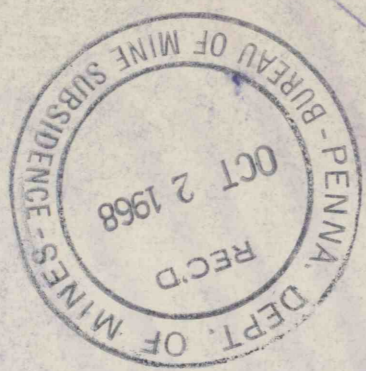
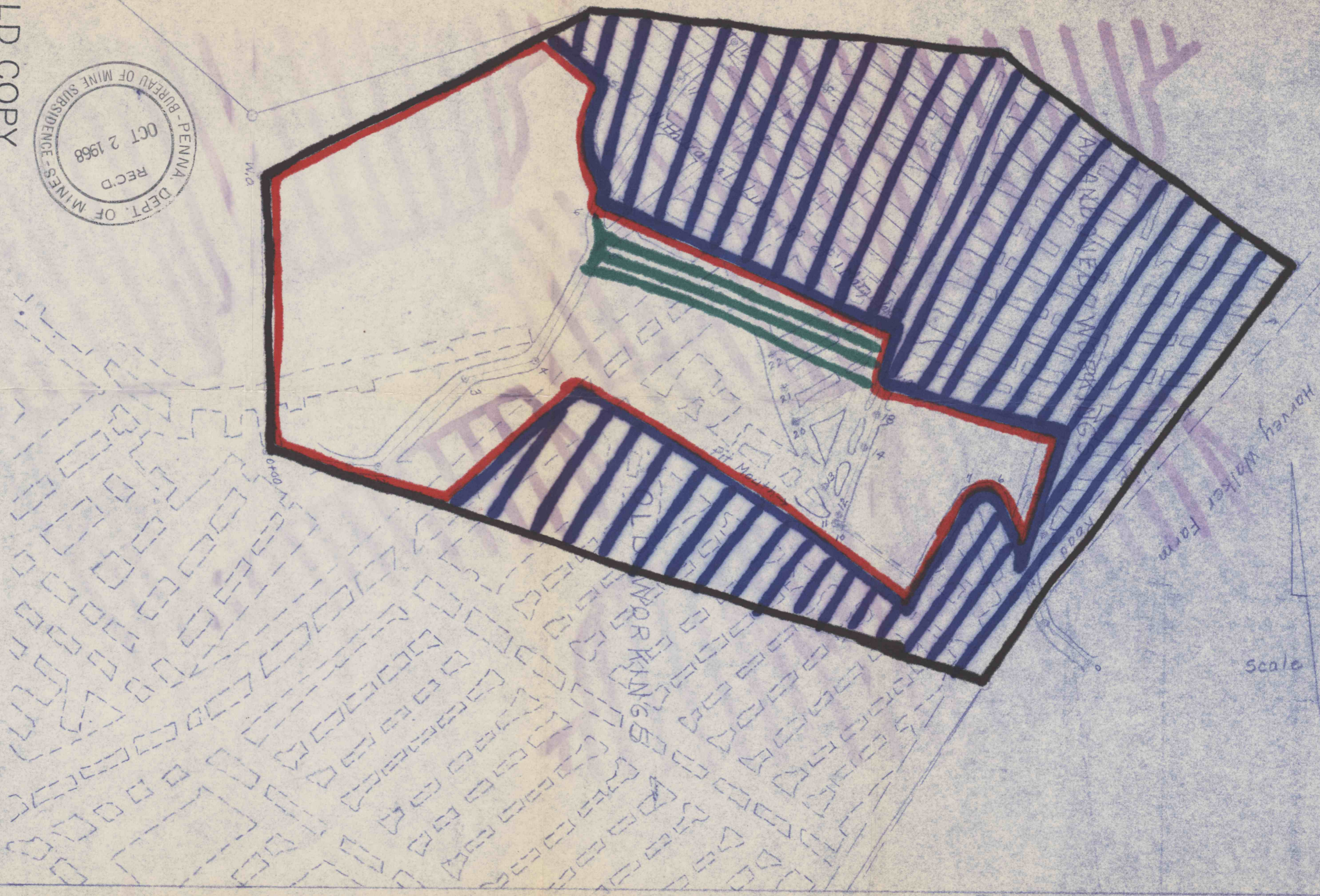


-  Extent of mine operation covered by the application.
-  Extent of which mining operations have been completed.
-  Extent of mining operations still to be completed under the permit.
-  Extent of mining operations 1 Oct, 1968 to 1 Mar, 1969.



FIELD COPY

Map showing the Francis Bitner Mines and adjacent old workings in Brothersvalley Twp, Somerset Co, Penna. Scale: 1inch=100feet

Record of Surveys	
Date	Surveyor
Jan, 1959	R. Wayne Suder, R.S.
Apr, 1965	R. Wayne Suder, R.S.
Aug, 1966	R. Wayne Suder, R.S.
Oct, 1967	R. Wayne Suder, R.S.
Mar, 1968	R. Wayne Suder, R.S.
Sept, 1968	R. Wayne Suder, R.S.

Strata:
1 foot of soil on top of a mixture of shale, slate rock and sand rock, the cover varying in thickness from 25 feet to 45 feet.

#a71
6-16-99
DC.