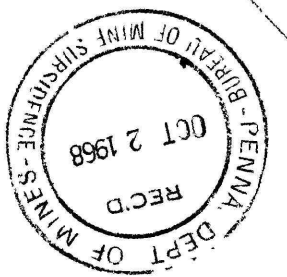
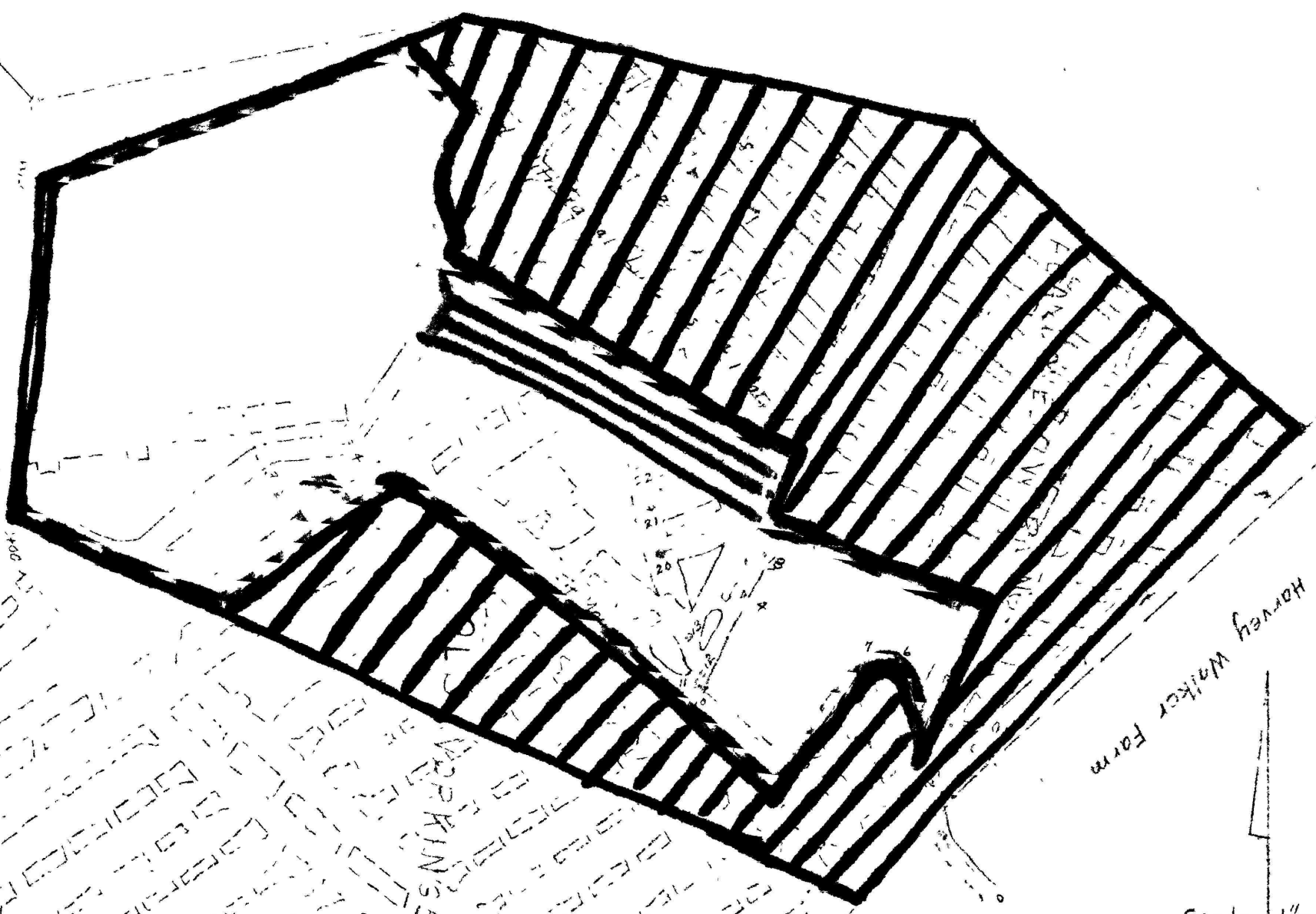


Extent of mine operation covered by the application.
 Extent to which mining operations have been completed.
 Extent of mining operations still to be completed under the permit.
 Extent of mining operations 1 Oct, 1968 to 1 Mar, 1969.

Harvey Walker Farm
 Scale 1" = 100'



FIELD COPY

Map showing the Francis Bitner Mines and adjacent old workings in Brothersvalley Twp, Somerset Co, Penna.

Record of Surveys. Scale: 1 inch = 100 feet.

Date	Surveyor
Jan, 1959	R Wayne Suder, R.S.
Apr, 1965	R Wayne Suder, R.S.
Aug, 1966	R Wayne Suder, R.S.
Oct, 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 1' of shale, slate rock and sand rock, the cover varying in thickness from 25 feet to 4' feet.