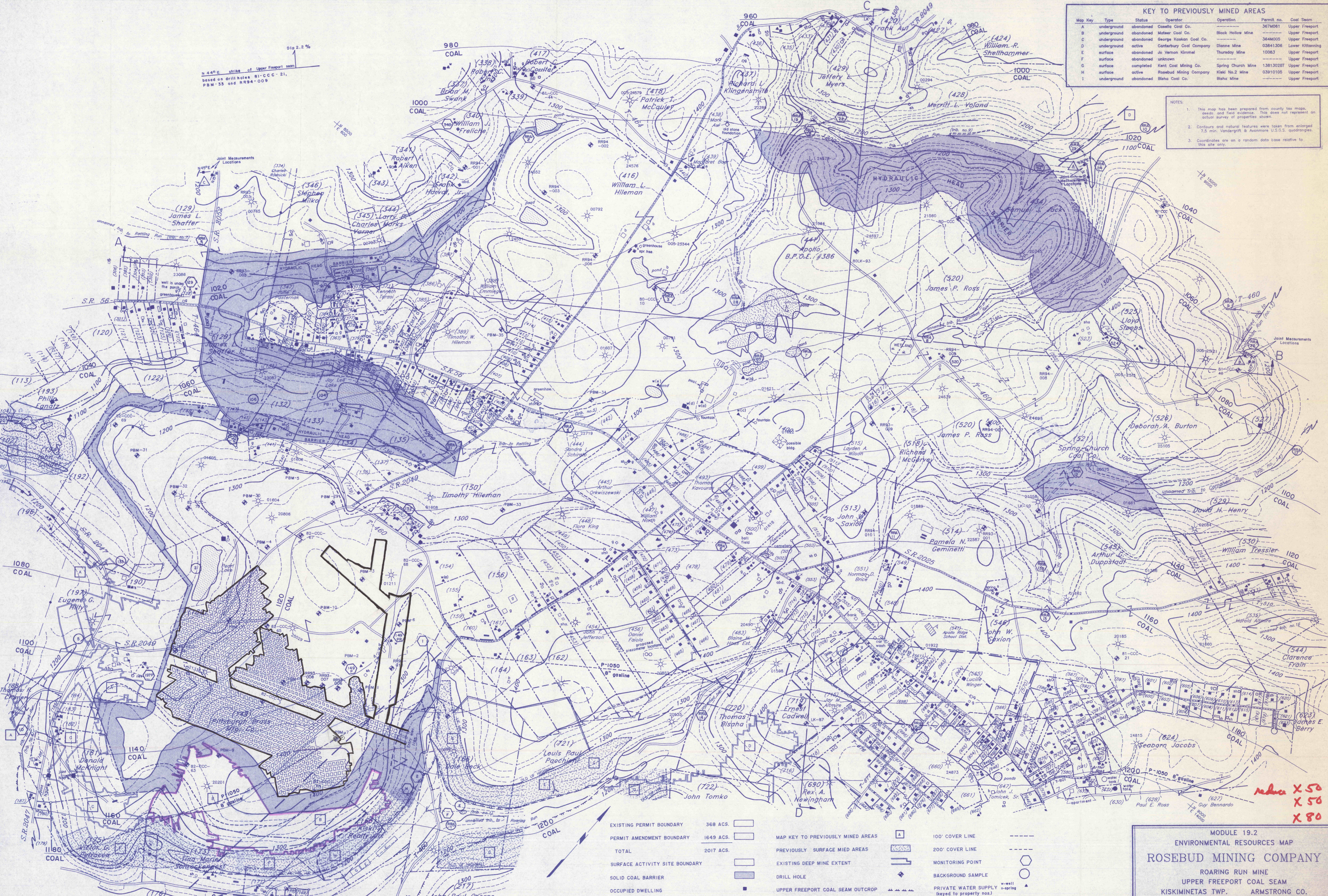


N 44° E strike of Upper Freeport seam
based on drill holes 81-C-C-21,
PBM-35 and RR94-009

KEY TO PREVIOUSLY MINED AREAS						
Map Key	Type	Status	Operator	Operation	Permit no.	Coal Seam
A	underground	abandoned	Cosella Coal Co.	Black Hollow Mine	367M061	Upper Freeport
B	underground	abandoned	Mater Coal Co.	Black Hollow Mine		Upper Freeport
C	underground	abandoned	George Kasan Coal Co.		364M005	Upper Freeport
D	underground	active	Canterbury Coal Company	Dianne Mine	03841308	Lower Kittanning
E	surface	abandoned	de Vernon Kimmel	Thursday Mine	10083	Upper Freeport
F	surface	unknown				Upper Freeport
G	surface	completed	Kent Coal Mining Co.	Spring Church Mine	13813028T	Upper Freeport
H	surface	active	Rosebud Mining Company	Black No.2 Mine	03910105	Upper Freeport
I	underground	abandoned	Blaha Coal Co.	Blaha Mine		Upper Freeport

NOTES:
1. This map has been prepared from county tax maps, deeds and field evidence. This does not represent an actual survey of properties shown.
2. Contours and natural features were taken from enlarged 7.5 min. Vandergrift & Associates U.S.G.S. quadrangles.
3. Coordinates are on a random data base relative to this site only.



EXISTING PERMIT BOUNDARY	368 ACS.	MAP KEY TO PREVIOUSLY MINED AREAS	A	100' COVER LINE	---
PERMIT AMENDMENT BOUNDARY	1649 ACS.	PREVIOUSLY SURFACE MINED AREAS	B	200' COVER LINE	---
TOTAL	2017 ACS.	EXISTING DEEP MINE EXTENT	C	MONITORING POINT	○
SURFACE ACTIVITY SITE BOUNDARY		DRILL HOLE	◆	BACKGROUND SAMPLE	○
SOLID COAL BARRIER		UPPER FREEPORT COAL SEAM OUTCROP	■	PRIVATE WATER SUPPLY (keyed to property nos.)	▲
OCCUPIED DWELLING	■	STRUCTURE CONTOUR (UP SEAM)	○		
UNOCCUPIED STRUCTURE	□	EXISTING GAS WELL	○		
PROPERTY LINE	---	WATER LINE	---		
KEY NO. TO PROPERTY OWNERS (keyed to module S)	(200)				

MODULE 19.2
ENVIRONMENTAL RESOURCES MAP
ROSEBUD MINING COMPANY
ROARING RUN MINE
UPPER FREEPORT COAL SEAM
KISKIMINETAS TWP. ARMSTRONG CO.
SCALE: 1"=400'
DECEMBER 1994

0 400 800 1200
Revised 5/6/95

red X 50
X 50
X 80