


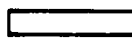

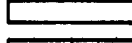
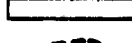

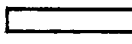


## APPENDIX A

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**LEGEND**

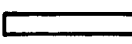
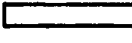


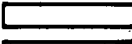
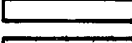
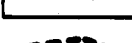

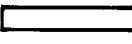
<b>PROJECT BOUNDARES</b>	
Quick Start	
Total Project	
<b>SAMPLING POINTS</b>	
Sampling Point	
<b>STRIP MINE</b>	
Mined Area	
<b>DEEP MINE</b>	
Lower Kittanning Seam	
Middle Kittanning Seam	
Presumed Mine Location	
Mine Floor Contours	
<b>LIMESTONE</b>	
Lower Freeport Limestone	

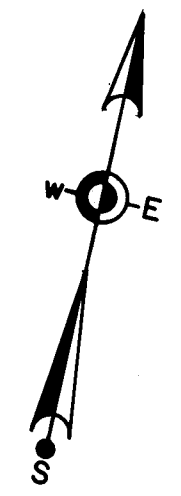


<b>TOBY CREEK WATERSHED</b>	
ELK COUNTY, PENNSYLVANIA	
Date Oct., 1971	COMMONWEALTH OF PENNSYLVANIA
Scale 1" = 2000'	DEPARTMENT OF MINES and MINERAL INDUSTRIES
Drawn by cmk	Mine Drainage Project SL-132
Dwg. No. A1	
Yost Associates, Inc Engineers DuBois, Pa.	PROJECT BOUNDARES

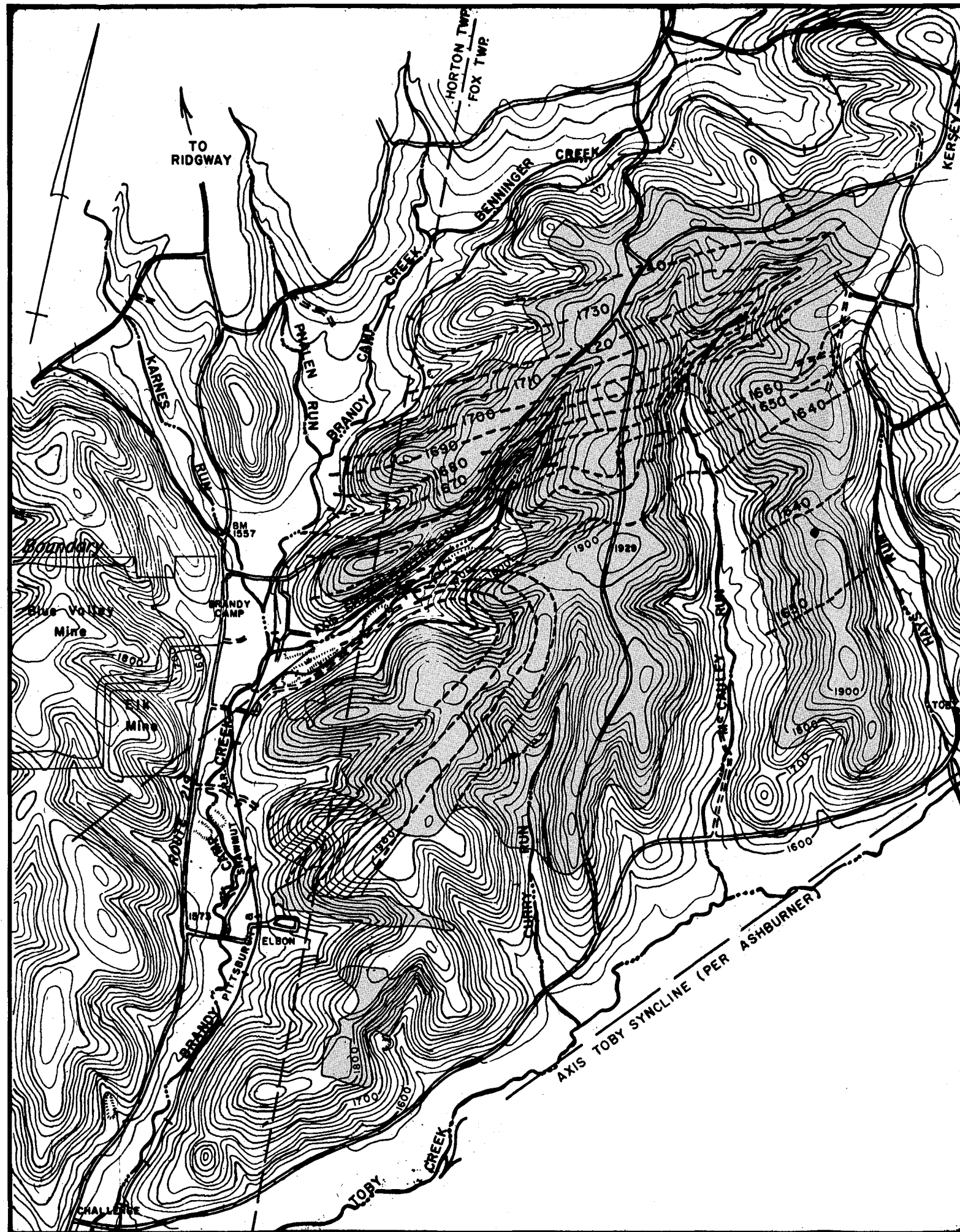


**LEGEND**

- PROJECT BOUNDARES**  
 Quick Start   
 Total Project 
- SAMPLING POINTS**  
 Sampling Point 
- STRIP MINE**  
 Mined Area 
- DEEP MINE**  
 Lower Kittanning Seam   
 Middle Kittanning Seam   
 Presumed Mine Location   
 Mine Floor Contours 
- LIMESTONE**  
 Lower Freeport Limestone 



<b>TOBY CREEK WATERSHED</b>	
ELK COUNTY, PENNSYLVANIA	
Date Oct., 1971	COMMONWEALTH OF PENNSYLVANIA
Scale 1" = 2000'	DEPARTMENT OF MINES and MINERAL INDUSTRIES
Drawn by cmk	Mine Drainage Project SL-132
Dwg. No. A 2	Yost Associates, Inc Engineers DuBois, Pa.
STRIP MINED AREA	



**LEGEND**

**PROJECT BOUNDARES**

Quick Start   
 Total Project 





**SAMPLING POINTS**

Sampling Point 

**STRIP MINE**

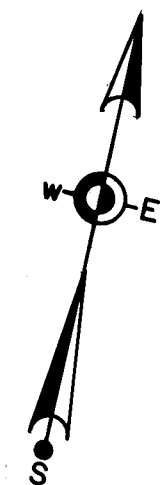
Mined Area 

**DEEP MINE**

Lower Kittanning Seam   
 Middle Kittanning Seam   
 Presumed Mine Location   
 Mine Floor Contours 

**LIMESTONE**

Lower Freeport Limestone 



**TOBY CREEK WATERSHED**  
 ELK COUNTY, PENNSYLVANIA

Date	Oct., 1971	COMMONWEALTH OF PENNSYLVANIA
Scale	1" = 2000'	DEPARTMENT OF MINES and MINERAL INDUSTRIES
Drawn by	cmk	Mine Drainage Project SL-132
Dwg. No.	A 3	LOWER KITTANNING SEAM
Yost Associates, Inc Engineers DuBois, Pa.		





**LEGEND**

**PROJECT BOUNDARES**

- Quick Start 
- Total Project 

**SAMPLING POINTS**

- Sampling Point 

**STRIP MINE**

- Mined Area 

**DEEP MINE**

- Lower Kittanning Seam 
- Middle Kittanning Seam 
- Presumed Mine Location 
- Mine Floor Contours 

**LIMESTONE**

- Lower Freeport Limestone 






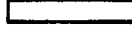





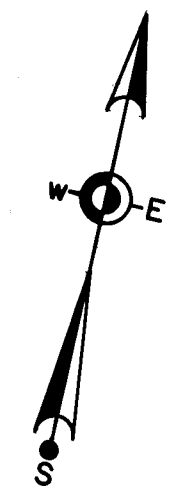
**TOBY CREEK WATERSHED**  
ELK COUNTY, PENNSYLVANIA

Date	Oct., 1971	COMMONWEALTH OF PENNSYLVANIA
Scale	1" = 2000'	DEPARTMENT OF MINES and MINERAL INDUSTRIES
Drawn by	cmk	Mine Drainage Project SL-132
Dwg. No.	A 4	MIDDLE KITTANNING SEAM
Yost Associates, Inc Engineers DuBois, Pa.		

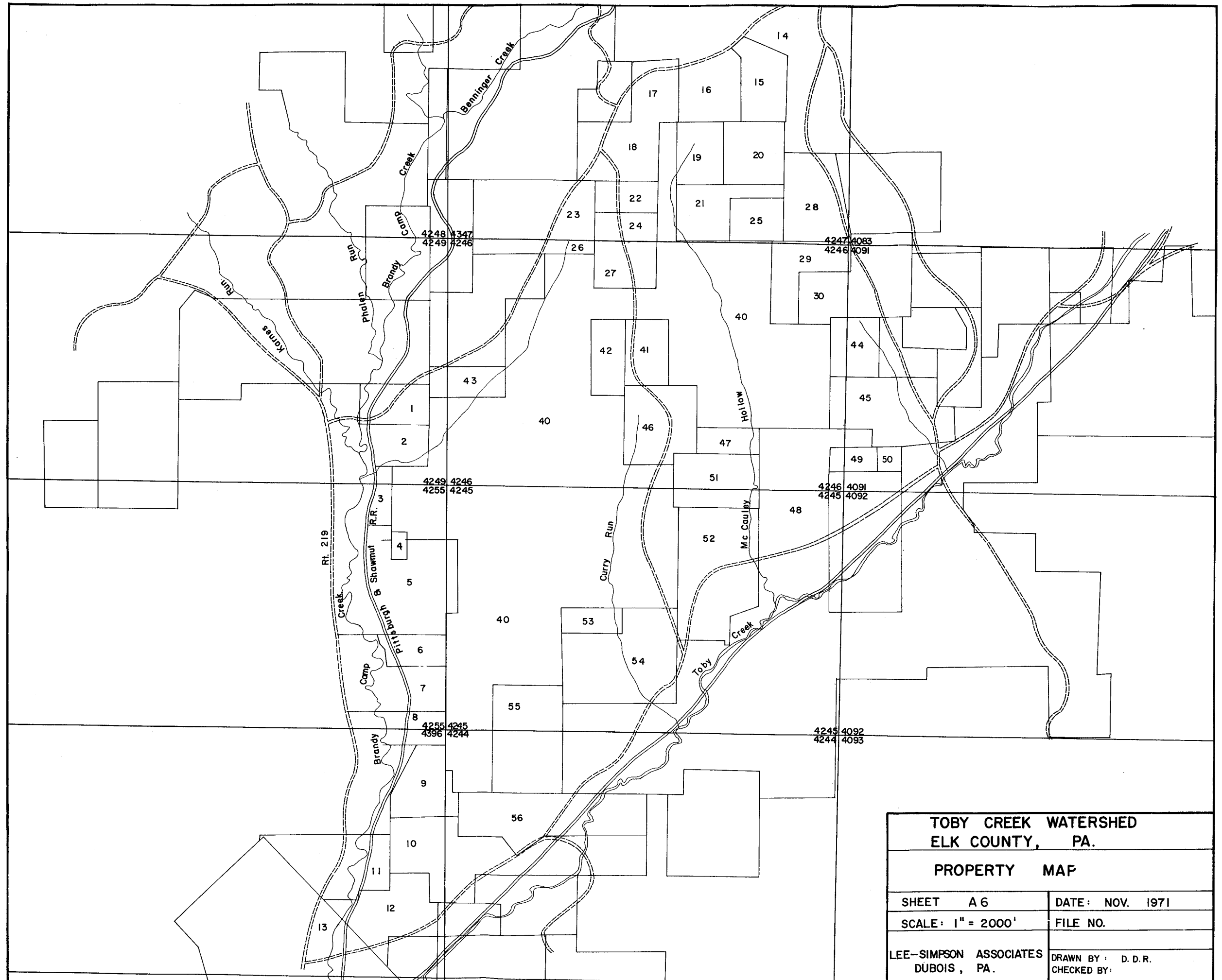


**LEGEND**

- PROJECT BOUNDARES**  
 Quick Start   
 Total Project 
- SAMPLING POINTS**  
 Sampling Point 
- STRIP MINE**  
 Mined Area 
- DEEP MINE**  
 Lower Kittanning Seam   
 Middle Kittanning Seam   
 Presumed Mine Location   
 Mine Floor Contours 
- LIMESTONE**  
 Lower Freeport Limestone 



<b>TOBY CREEK WATERSHED</b>	
ELK COUNTY, PENNSYLVANIA	
Date Oct., 1971	COMMONWEALTH OF PENNSYLVANIA
Scale 1" = 2000'	DEPARTMENT OF MINES and MINERAL INDUSTRIES
Drawn by cmk	Mine Drainage Project SL-132
Dwg. No. A 5	LOWER FREEPORT LIMESTONE
Yost Associates, Inc Engineers DuBois, Pa.	



<b>TOBY CREEK WATERSHED ELK COUNTY, PA.</b>	
<b>PROPERTY MAP</b>	
SHEET A 6	DATE: NOV. 1971
SCALE: 1" = 2000'	FILE NO.
LEE-SIMPSON ASSOCIATES DUBOIS, PA.	DRAWN BY: D. D. R. CHECKED BY:



## LIST OF PROPERTY OWNERS

The following list contains the names of the owners of record, (in 1969) for the properties which lie within the project boundaries.

Subsequent research into the ownership of the land in the McCauley Run area revealed that the tax records (from which the list was taken) contain many errors and that the tax maps contain errors.

The attached property map was taken from a map made in the late 1800's and which appears to be more accurate than any other map available.

In the early stages of the project letters were sent to each property owner listed for permission to enter on the land, with the result that many did not reply, others replied that they no longer owned the land and some replies stated that the individual was deceased.

Except for the area of McCauley Run, no attempt was made to establish the true present owners due to the great time expenditure required and since this was not a part of the contract.

### Warrant Number 4246

- 27 Schreiber, Robert E. and Hugh A.  
St. Marys, Pa.
  
- 29 Stanbury, Joseph
- 30 Toby Creek, Penna.
  
- 40 New Shawmut Mining Company
- 41 St. Marys, Pa.
- 42
- 46
  
- 47 Richard C. Johnson
  
- 51 LaVella, Gildo  
R. D. 2,  
Kersey, Pennsylvania





APPENDIX A  
OPERATION SCARLIFT  
TOBY CREEK SL-132

LIST OF PROPERTY OWNERS

Warrant Number 4245

- 40 New Shawmut Mining Company  
St. Marys, Pennsylvania
- 52 Elaine Iddings Benton
- 53 Dobson, Viola
- 54 122 West Second Avenue  
DuBois, Pennsylvania
- 55 New Shawmut Mining Company  
St. Marys, Pennsylvania

Warrant Number 4244

- 56 New Shawmut Mining Company  
St. Marys, Pennsylvania

Warrant Number 4091

- 44 Unknown

Warrant Number 4247

- 14 La Villa, Gilda  
R. D. 2  
Kersey, Pennsylvania
- 15 New Shawmut Mining Company  
St. Marys, Pennsylvania
- 16 John Guosik  
R. D. 2  
Kersey, Pennsylvania
- 17 Ferrari, Rachele  
Box 92  
Elbon, Pennsylvania  
and Gurosk, John and Marcella  
R. D. 2, Kersey, Pennsylvania



APPENDIX A  
OPERATION SCARLIFT  
TOBY CREEK SL-132

LIST OF PROPERTY OWNERS

Warrant Number 4247

- 18 Freeburg, Erick and Anna  
Ridgway, Pennsylvania
- 19 Thompson, Ross  
20 R. D. 2  
Kersey, Pennsylvania
- 21 George Rupprecht  
Elk County, Pennsylvania
- 22 Schreiber, Robert E. and Hugh A.  
St. Marys, Pennsylvania
- 24 Schreiber, Robert E. and Hugh A.  
St. Marys, Pennsylvania
- 25 George Rupprecht  
Elk County, Pennsylvania
- 28 Krise, Oden  
R. D. 2  
Kersey, Pennsylvania

Warrant Number 4249

- 1 Unknown
- 2 Mathews, David  
Starr Route  
Ridgway, Pennsylvania

Warrant Number 4255

- 3 Hayes, Fred  
R. D. 2  
Kersey, Pennsylvania
- 4 Krise, Oden  
R. D. 2  
Kersey, Pennsylvania



LIST OF PROPERTY OWNERS

Warrant Number 4255

- 5 Salvadori, John  
Brandy Camp, Pennsylvania
- 6 Unknown
- 7 Unknown
- 8 New Shawmut Mining Company  
St. Marys, Pennsylvania

Warrant Number 4396

- 9 James, Arnold and Carl  
R. D. 2  
Kersey, Pennsylvania
- 10 Unknown
- 11 Sicari, Manuel  
R. D. 2  
Kersey, Pennsylvania
- 12 New Shawmut Mining Company  
St. Marys, Pennsylvania