

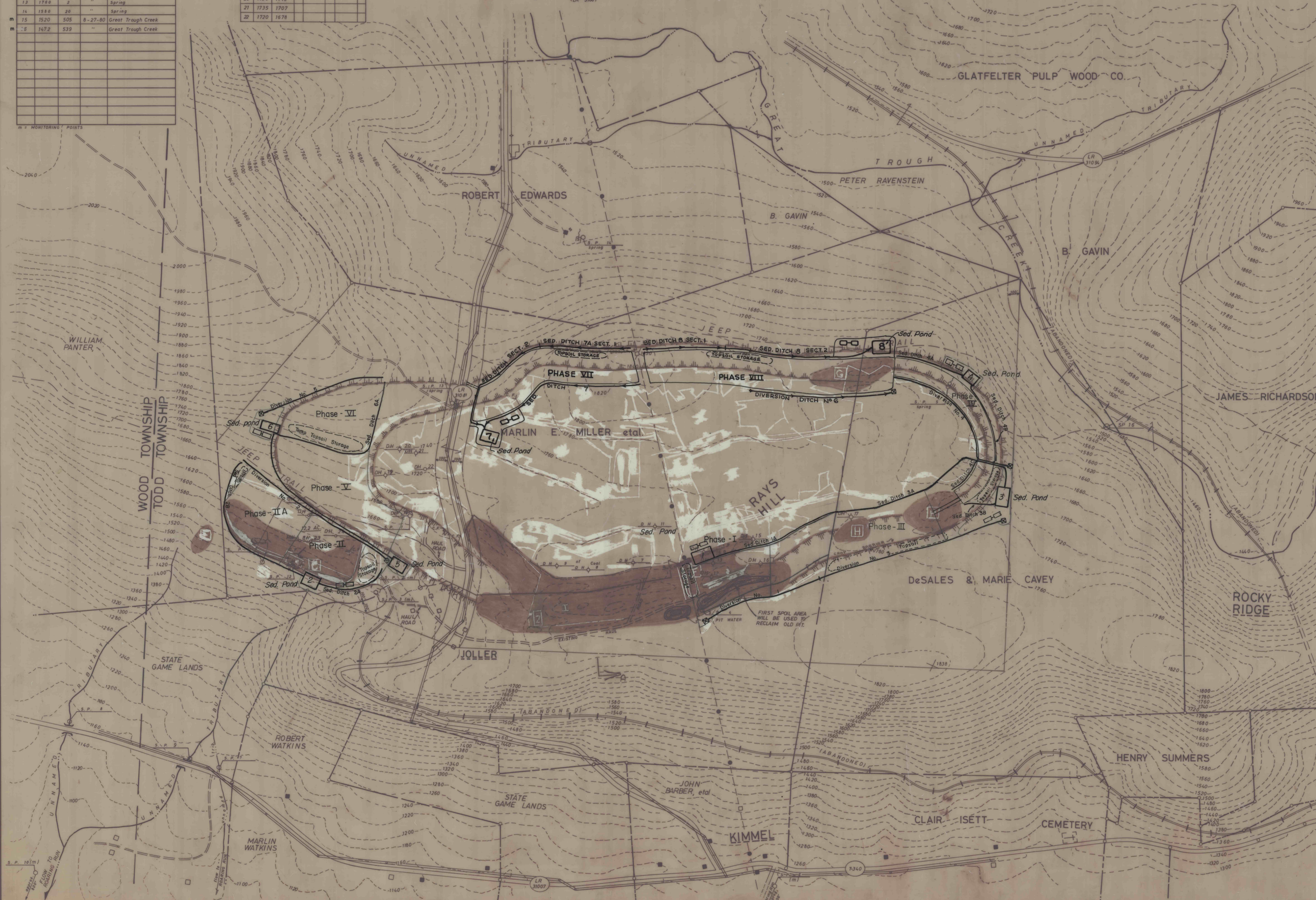
Sp. #	Surf. el.	C. P. M.	Date Col.	Remarks
1	1680	4.1	5-15-80	Mine drainage
2	1640	5.5	"	"
3	1580	4.0	"	"
4	1775	N/A	"	old pit
5	1700	1	5-12-80	Spring - mine seep
6	1135	400	5-15-80	Rearing Run
7	1175	80	"	Mine drainage
8	1150	8	"	Unnamed tributary - Mine drainage
9	1188	7	"	Unnamed tributary
10	1050	1300	4-17-80	Rearing Run
11	1530	12	"	Deep mine discharge
12	1880	2	"	Mine seep
13	1780	2	"	Spring
14	1580	20	"	Spring
15	1520	305	8-27-80	Great Trough Creek
16	1472	539	"	Great Trough Creek

DRILL	HOLE	RECORD			
No	Start el	Bottom el	Fulton el	in	ft
7	1746	1735	1884		
8	1776	1727	1884		
9	1788	1768	1898		
11	1785	1880			
12	1783		1765		
13	1776		1722		
14	1774	1752			
15	1779	1749			
16	1781	1758			
17	1780	1765			
18	1671		1631		
19	1715	1691			
20	1738	1713			
21	1735	1707			
22	1720	1678			

DRILL	HOLE	RECORD				
No	Start el	Bottom el	Fulton el	Gordon el	in	ft
HWA 1585				1580	26'	
23	1610			1564	30'	
24	1639			1604	27'	
25	1642			1606	34'	
26	1643			1608	30'	
31	1868	1840		1806		
32	1875	1851		1816	1742	
33	1862	1827		1795	1706	

SP 15 Approx. 600' upstream at LR 31007

Property owner	Overburden Category (in acres)				Total (acres)
	Support Area	Spill or 5'-75'	76'-100'	101'-150'	
Phase I	Marlin E. Miller, et al.	5.7	10.8		15.9
Phase II	Marlin E. Miller, et al.	3.7	6.1		9.8
Phase III	DeSales & Marie Cavey	4.7	6.8		11.5
Phase IV	DeSales & Marie Cavey	3.2	6.2		9.4
Phase V	Marlin E. Miller et al.				
Phase VI	Marlin E. Miller et al.				
Phase VII	Marlin E. Miller et al.	3.7	11.6		15.3
	Marlin E. Miller et al.	2.4	13.5		15.9
Phase VIII	DeSales & Marie Cavey	1.4	2.2		3.6
	TOTAL	3.8	15.7		19.5



To be affected 489.6 ac.

- Property line
- Road
- Dwelling
- Contour line
- Perennial-intermittent stream
- Power line
- Telephone line
- Power & tele. line
- Mine drainage line
- Mining permit line
- Tree line
- Fulton outcrop
- Barnett outcrop

- Sediment pond
- Collection pond
- Treatment pond
- Collection ditch
- Groundwater flow
- Sediment trap-energy dissipator
- Previously affected
- Mine references
- Deep mine - Outcrop Breached
- W = Well; S = Spring; PW = Public water; C = Cistern
- Phases indicated by Roman Numeral, (I, II, etc.)
- NOTES: R/W on all roads is 33 feet unless otherwise indicated. Nothing will be disturbed within the R/W.
- Highwall diversion ditch indicates final highwall, unless otherwise noted.
- All outcropping to be with the strike or dip of the coal seam. No outcropping will be performed to the 1584.
- Sediment & Erosion Control Facilities for Topsoil Piles.

- P.F.T. = Prime farmland topsoil storage.
- (A, B & C horizons will be stockpiled separately.)
- Prime farmland
- C.F. = could not locate in field



Base Mapped By: Penn-Laurel Associates, Inc.

MAP IS FOR: **EXHIBIT - IV**

L & B COAL COMPANY, INC.

Miller Strip

TODD TOWNSHIP HUNTINGDON COUNTY

SCALE: 1" = 400' DATE: 1-27-81 12/18/81

REV. 3/13/81, 3/28/81, 1/19/82

GWIN, DOBSON & FOREMAN, INC.
CONSULTING ENGINEERS
ALTOONA - PENNSYLVANIA

MAP BY LAM & KUI