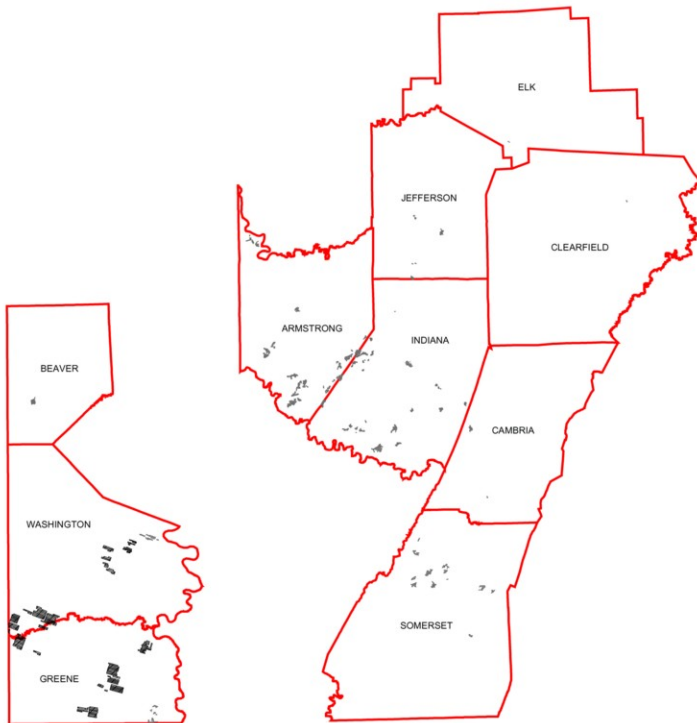


All Mining: Overview



Legend

-  Longwall Panels
-  Room-and-Pillar Mining
-  Retreat Mining

Prepared For:
Commonwealth of Pennsylvania
Department of Environmental Protection

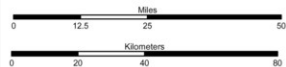


Edward G. Rendell, Governor
Kathleen A. McGinty, Secretary

Prepared By:
California University
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Data adapted from:
Pennsylvania Spatial Data Access
Pennsylvania Department of Environmental Protection

August 2004



Study Area Counties

<i>Longwall Mine</i>	<i>Reported Land Damages</i>	<i>Reported Structure Damages</i>	<i>Reported Water Losses</i>	<i>Reported Stream Impacts</i>	<i>Other Reported Impacts</i>	<i>Total Reported Damages</i>	<i>Claims Filed</i>	<i>Orders Per Mine</i>	<i>Room & Pillar Acreage</i>	<i>Long Wall Panel Acreage</i>	<i>Retreat Mining Acreage</i>	<i>Total Mining Acreage</i>	<i>Number of Wetlands</i>	<i>Wetlands Identified by Mine Permit/Map</i>	<i>Total Wetland Acreage</i>	<i>Number of Wetlands Affected</i>	<i>Original Permit Date Issuance</i>	<i>Miles of Roads Undermined</i>	<i>Miles of Township Roads Undermined</i>	<i>Miles of State Roads Undermined</i>	<i>Miles of Streams Undermined</i>	<i>Miles of Pipeline Undermined</i>	<i>Miles of Electric Undermined</i>
BAILEY DEEP MINE	4	41	36	9	1	91	14	2	1527.44	4322.14	0	5849.58	5	5	3.24	0	8/28/1985	25.89	16.61	9.28	20.18	10.83	0
BLACKSVILLE 2 MINE	3	38	37	1	0	79	13	2	779.37	2019.91	0	2799.28	10	10	3.03	0	2/27/1986	13.4	10.57	2.83	10.12	6.75	1.81
CUMBERLAND MINE	4	16	30	3	0	54	9	3	984.96	2327.65	0	3312.61	6	5	4.52	1	8/20/1986	10.39	8.53	1.86	10.14	12.53	0.645
DILWORTH DEEP MINE	2	18	27	1	1	49	18	10	520.88	1410.47	0	1931.35	6	6	6.31	0	8/13/1986	8.51	5.72	2.79	6.47	1.48	0
EMERALD DEEP MINE	7	25	45	1	3	82	12	3	1031.32	2366.67	0	3397.99	10	11	6.21	1	7/9/1986	12.28	7.03	5.25	10.78	20.86	2.15
ENLOW FORK MINE	7	34	60	3	0	104	27	2	1465.72	4676.23	0	6141.95	21	21	26.33	0	5/9/1986	25.13	17.55	7.58	25.87	3.61	2.87
HIGH QUALITY MINE	0	1	0	0	0	1	0	3	49.46	0	0	49.46	unknown	0	1.24	0	1994	0.359	0.174	0.185	0.2	0.077	0
MAPLE CREEK MINE	18	67	103	4	0	196	92	34	744.66	799.54	0	1544.2	12	12	10.41	0	8/20/1986	8.27	5.96	2.31	4.09	1.54	1.23
MINE 84	3	49	44	1	0	97	44	9	660.36	1732.88	0	2393.24	15	15	16.55	0	3/30/1987	13.55	8.65	4.9	8.54	3.84	1.45
SHOEMAKER MINE	0	0	0	0	0	0	0	1	39.55	48.67	0	88.22	0	0	0	0	5/27/1999	0.829	0.609	0.22	0.56	0.896	0

Room & Pillar Mine	Reported Land Damages	Reported Structure Damages	Reported Water Losses	Reported Stream Impacts	Other Reported Impacts	Total Reported Damages	Claims Filed	Orders Per Mine	Room & Pillar Acreage	Long Wall Panel Acreage	Retreat Mining Within Room&Pillar Acreage(Only)	Retreat Mining Outside Room&Pillar Acreage(Only)	Retreat Mining Acreage	Total Room&Pillar and Retreat Mining Acreage	Miles of Roads Undermined	Miles of Streams Undermined	Miles of Pipeline Undermined	Miles of Electric Undermined
4 DEEP MINE	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
ACUSTUS MINE	0	0	3	0	0	2	2	1	58.2	0	0	0	0	58.2	0.025	0.03	0	0
BARBARA NO 1 DEEP MINE	0	0	6	0	0	6	5	0	51.2	0	0	0	0	51.2	0.208	0.16	0.182	0
BM 2	0	0	0	0	0	0	0	1	3.61	0	1.73	8.83	10.56	14.37	0	0	0.165	0
BLURRELL DEEP MINE	0	3	31	0	0	34	21	2	523.27	0	102.79	25.35	128.14	651.41	3.73	2.04	0.975	0.546
CLEMENTINE 1 DEEP MINE	0	0	1	0	0	1	0	1	381.49	0	0	0	0	381.49	1.94	0.31	1.48	0
CRAWFAD	0	0	0	0	0	0	0	0	32.94	0	0	0	0	32.94	0	0.12	0.087	0
DARMAZ 2 MINE	0	0	0	0	0	0	0	0	129.58	0	0	0	0	129.58	0.641	0.03	0.189	0
DARMAZ 3 MINE	0	0	3	0	0	3	1	0	334.48	0	0	0	0	334.48	0.376	0.61	0.096	0.025
DIANNE MINE (formerly DAVID DIANNE MINE)	0	9	39	0	0	48	23	2	651.25	0	54.83	1	55.83	707.08	3.72	0.96	2.5	0
DJR MININGS INC/ANLO MINE	0	0	2	0	1	3	2	0	158.23	0	0	0	0	158.23	0.678	0.76	0	0
DOOLEY RUN	0	0	0	0	0	0	0	1	34.75	0	0	9.82	9.82	44.57	0	0.04	0.008	0
DORA 6 DEEP MINE*	0	0	42	0	0	42	42	0	20.3	0	0	0	0	20.3	0.099	0	0	0
DORA 8 DEEP MINE	0	0	1	0	0	1	0	0	96.3	0	0	0	0	96.3	0.377	0	0.792	0
DUNKARD	0	0	0	0	0	0	0	1	138.58	0	33.06	34.77	67.83	206.41	0.59	0	0	0.08
DUTCH RUN MINE	0	0	5	0	0	5	5	0	306.76	0	0	0	0	306.76	0.733	0.66	0.066	0.203
EMILIE 1 & 2 MINE	1	2	9	0	0	12	5	0	209.87	0	0	28.21	28.21	238.08	0.564	0.51	0	0.25
EMILIE 4 DEEP MINE	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
GENESIS INC/GENESIS NO 17	0	0	9	0	0	9	7	1	203.06	0	0	0	0	203.06	0.924	0.3	0	0
GERO BIMO MINE	0	0	11	0	0	11	10	0	310.27	0	0	0	0	310.27	2.15	0.15	0	0
HUMPHREY 7 MINE	0	9	8	0	0	15	3	0	67.06	0	31.63	0	31.63	98.69	0	0	0.154	0
JANE MINE	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
JOSEPHINE 3	0	0	0	0	0	0	0	1	298.86	0	0	0	0	298.86	1.9	0.04	0	0
KNISELEY 10 DEEP MINE	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LAUREL RUN	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LION MINING GROVE #1 DEEP MINE	0	2	3	0	0	5	3	0	21.28	0	0	0	0	21.28	0.469	0	0	0
LONGVIEW DEEP MINE	0	0	16	0	0	16	11	3	250.1	0	94.89	0.25	95.14	345.24	0.245	1.55	0	0
LUCERNE 6E DEEP MINE	0	1	10	0	0	11	3	0	179.89	0	0	0	0	179.89	0.478	0.39	0.163	0
LUCERNE 9 DEEP MINE	0	0	4	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0
LUCERNE NO 6 DEEP MINE	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LUCERNE NO 8 DEEP MINE	0	0	2	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0
MANNOR 44	0	0	0	0	0	0	0	0	13.33	0	0	0	0	13.33	0.012	0	0	0
MARGARET 11B DEEP MINE	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MARIANNA 58 DEEP MINE	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
MARION DEEP MINE	0	0	2	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0
MARSHALL RUN MINE	0	0	6	0	0	6	3	0	201.22	0	0	0	0	201.22	1.27	0.22	0.192	0
MATHEWS DEEP MINE	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
MATHIES MINE	6	6	30	0	0	44	22	3	454.9	0	183.19	0.02	183.21	638.11	2.34	1.57	0.996	1.35
MEADOW RUN DEEP MINE	1	0	0	0	0	1	0	1	15.93	0	8.31	4.8	10.91	26.84	0.088	0.04	0	0
MILLER DEEP MINE	0	0	2	0	0	2	2	1	124.51	0	0	0	0	124.51	1.25	0.16	0	0
MINE NO 1	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
M#1	0	0	0	0	0	0	0	1	262.7	0	0	0	0	262.7	1.28	0.18	0	1.1
MON VALLEY STEEL/CLYDE DEEP MINE	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
NO 3 DEEP MINE	0	0	3	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0
ONDO MINE	0	0	2	0	0	2	1	1	85.74	0	0	0	0	85.74	0.407	0	0.804	0
PARKWOOD MINE	0	0	5	0	0	5	2	0	302.71	0	0	0	0	302.71	0.829	0.33	0	0.832

*Dora 6 Watersource Claims treated separately in section V

