

TWENTY-NINTH ANNUAL REPORT
OF THE
MARYLAND BUREAU OF MINES
OF THE
STATE OF MARYLAND

Board of Natural Resources
Department of Geology, Mines and Water Resources
JOSEPH T. SINGEWALD, JR., Director

CALENDAR YEAR 1951



TO
HON. THEODORE ROOSEVELT McKELDIN
GOVERNOR OF MARYLAND

FRANK T. POWERS
Director

LETTER OF TRANSMITTAL

To His Excellency,

HON. THEODORE ROOSEVELT MCKELDIN,
Governor of Maryland.

SIR:

I have the honor to submit herewith the Twenty-ninth Annual Report of the Maryland Bureau of Mines for the period of January 1, 1951 to December 31, 1951 in compliance with the requirements of the Maryland Mining Law.

Very respectfully,

FRANK T. POWERS, *Director*

REPORT OF THE MARYLAND BUREAU OF MINES 1951

To His Excellency,

HON. THEODORE ROOSEVELT MCKELDIN,
Governor of Maryland.

SIR:

The report herewith submitted is for the calendar year 1951, and is the Seventy-fifth Annual report upon conditions of the Coal and Clay mines within the State.

The reports from the various mining operators throughout the State show the tonnage to be as follows:

COAL AND CLAY PRODUCTION

Pick	283,430.04
Machine	199,709.15
Strip	265,025.09
Total	<hr/> 748,165.08

COAL PRODUCTION

ALLEGANY COUNTY: During the calendar year 1951, Allegany County mines employed 339 miners, 39 drivers (including motormen, brakemen, etc.), 16 inside laborers, and 81 outside employees, making a total of 475 men. The production of coal for 1951 was 303,537.13 net tons. This shows a production of 895 net tons per miner employed during this period.

GARRETT COUNTY: During the calendar year 1951, Garrett County mines employed 238 miners, 41 drivers (including motormen, brakemen, etc.), 27 inside laborers, and 90 outside employees, making a total of 396 men. The production of coal for 1951 was 245,588.05 net tons. This shows a production of 1,032 net tons per miner employed during this period.

FIRE CLAY PRODUCTION

ALLEGANY COUNTY: During the calendar year 1951, the fire clay mines in Allegany County employed 56 miners, 10 drivers, 13 inside laborers, and 19 outside employees, making a total of 98 men. The production of fire clay during 1951 was 107,860.10 net tons, and shows a production of 1,926 net tons per miner.

GARRETT COUNTY: During the calendar year 1951, there were 91,179 net tons of fire clay produced in Garrett County, all stripped, employing 21 outside employees. This shows a production of 4,342 net tons per employee.

FATALITIES

No fatal accidents occurred in the coal mines of Maryland during the calendar year 1951 as compared with one (1) during 1950.

STATE MINE EXAMINING BOARD

The following Certificates were awarded as a result of the thirtieth examination for mine foremen, conducted at Frostburg, Allegany County, Maryland, August 14, 15 and 16, 1951.

FIRST CLASS

Chidester, Emery E.....	Frostburg
Hostetler, Gordon W.....	Frostburg
Loar, Salem	Midland
McKenzie, Howard W.....	Grantsville
Michaels, Howard C.....	Westernport
Porter, George W.....	Frostburg
Seifarth, Charles C.....	Frostburg
Williams, David J.....	Midland

PERSONNEL, MARYLAND BUREAU OF MINES

Director

Frank T. Powers.....Westernport

Chief Consultant

John J. Rutledge.....Annapolis

District Mine Inspectors

Harry B. Buckley.....Kitzmilller

Clyde J. Rowe.....Westernport

Edward A. Stowell.....Mt. Savage

Fuel Combustion Advisor

Rodney W. Selders.....Kitzmilller

Stenographer-Secretary

Mrs. Elizabeth Ann Gilmore.....Westernport

Senior Typist

Mrs. Lillian A. Frankhouser.....Cresaptown

Mine Examining Board

Frank T. Powers, Chairman.....Westernport

John R. Hamilton, Representing Operators.....Lonaconing

Ellis Ellifritz, Representing Miners.....Vindex

BUREAU OF MINES
SUMMARY OF PRODUCTION STATISTICS

1951

COAL

	Allegheny County	Garrett County	Total Net Tons (Cwt)
Pick	165,342.00	71,871.10	237,213.10
Machine	61,719.06	103,054.13	164,773.19
Strip	76,476.07	70,662.02	147,138.09
Total	303,537.13	245,588.05	549,125.18

Employees

Miners	339	238	577
Drivers *	39	41	80
Inside Laborers	16	27	43
Outside Employees	81	90	171
Total	475	396	871

FIRE CLAY

Pick	46,216.14	.....	46,216.14
Machine	34,935.16	.....	34,935.16
Strip	26,708.00	91,179.00	117,887.00
Total	107,860.10	91,179.00	199,039.10

Employees

Miners	56	.....	56
Drivers *	10	.....	10
Inside Laborers	13	.....	13
Outside Employees	19	21	40
Total	98	21	119

* Drivers include Motormen, Brakemen, etc.

Statistics of Coal Production, Calendar Year 1951

ALLEGANY COUNTY

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Days Worked During Year	Output Statistics (Cwt. Net Tons)				Accidents		Mining Machines and Equipment		
				Miners	Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Strip	Total	Fatal		Non-Fatal	
																	Fatal	Non-Fatal
Aden Coal Company	Aden	1	Bakerstown	4	1	1	1	5	161	2,196.00							
Aden Coal Company	No. 4	Strip	Bakerstown	4	1	1	1	5	252	4,019.10							
Albright Mining Company	No. 2	Strip	Big Vein	1	1	1	1	2	42	264.16							
Ayers Coal Company	Ayers-Parker	1	Parker	1	1	1	1	2	140	1,693.00	1,093.00	264.16					
Bald Knob Coal Company	Bald Knob	2	Bakerstown	2	1	1	1	3	142	684.00							
Barnes, Henry S. & Son	Barnes	Strip	Big Vein	3	3	3	3	3	30	375.00	375.00						
Bartlett Run Coal Company	Bartlett Run No. 3	2	Bakerstown	2	1	1	1	2	188	74.00							
Bennett, W. C.	Bennett	1	Bakerstown	1	1	1	1	1	149	1,997.06							
Big Savage Coal Company	No. 1	1	Big Vein	1	1	1	1	1	65	130.00							
Big Vein Coal Co. of Lonaconing, Md., Inc.	Union No. 4	Strip	Pittsburgh	2	1	1	1	2	26	913.00	62.00						
Bivicol Company	No. 1	1	Bakerstown	2	1	1	1	2	194	535.00							
Bowser, Arthur	Bowser	1	Bakerstown	2	1	1	1	2	121	86.15							
Bradley Coal Company	Bradley No. 1	2	Bakerstown	2	1	1	1	2	14	4,737.00							
Brashar Coal Company	No. 1	2	Bakerstown	2	1	1	1	2	275	846.00							
Brashar Coal Company	No. 6	Strip	Upper Kittanning	2	2	2	2	2	51	1,153.00	1,153.00						
Buskirk Coal Company	Buskirk	2	Franklin	2	1	1	1	2	82	1,851.17	1,851.17						
Clark Coal Company	No. 2	2	Bakerstown	6	1	1	1	8	184	4,179.00	1,394.17						
Clark, Thomas J. & Brother	No. 2	Strip	Bakerstown	3	1	1	1	3	197	1,394.17							
Clarke Coal Company	Clarke	1	Big Vein	2	1	1	1	2	134	437.13	437.13						
Clise Coal Company	Clise	2	Waynesburg	6	1	1	1	8	20	4,262.00							
Crites Coal Company	Parker No. 1	1	Freeport	3	1	1	1	3	27	52.02							
Coleman, Florence Coal Company	Morton	1	Big Vein	3	1	1	1	3	20	1,202.00							
Conner-Haines Big Vein Coal Company	Jackson	2	Pittsburgh	3	1	1	1	4	249	33,354.00	955.00						
Consolidated Fuel Company, Inc.	No. 1	1	Big Vein	29	5	5	2	41	221	200.00	13,425.00						
Consolidated Fuel Company, Inc.	No. 10	2	Big Vein	15	2	4	16	37	178	200.00							
Crosston Coal Company	Union No. 10	2	Big Vein	5	1	1	1	6	275	6,137.13							
Custer Coal Company	Mill Run	2	Bakerstown	2	1	1	1	2	50	308.07							
Dans Mountain Road Coal Company	Dans Mountain	Strip	Big Vein	2	1	1	1	3	50	352.00	352.00						
Edna Coal Company	No. 1	4	Tyson	4	1	1	1	5	81	2,107.16							
Fazenbaker, Stanley & Son Coal Company	Fazenbaker	2	Big Vein	2	1	1	1	2	207	914.00							
Federal Coal Company	Federal Hill	1	Big Vein	3	1	1	1	3	133	805.00							
Filer Coal Company	No. 1	1	Pittsburgh	3	1	1	1	4	265	810.00							
Finsinger, William Coal Company	Low Tyde	1	Big Vein	2	1	1	1	2	40	118.00							
Fingel & Skidmore Coal Company	Blackberry	2	Big Vein	2	1	1	1	2	189	1,531.00							
Footo and Metz Coal Company	No. 1	1	Big Vein	3	1	1	1	3	224	2,113.00							
Frenzel Coal Company	No. 1	2	Bakerstown	3	1	1	1	3	163	1,581.00							
Grove, Isabelle Coal Company	Bluebird	1	Big Vein	7	1	1	1	7	233	1,511.15							
Harden Coal Company	Harden No. 11	2	Pittsburgh	2	1	1	1	2	232	4,747.08							
Hughes Coal Company	Columbia	2	Tyson	3	1	1	1	4	158	1,675.06							
Jeffries and McKenzie	No. 9	2	Pittsburgh	3	1	1	1	4	242	3,330.00							
Jenkins and Swearman	No. 1	1	Big Vein	2	1	1	1	2	261	1,759.00							
Jones, William E. & Rayner, David	Watkins	2	Pittsburgh	2	1	1	1	2	44	311.00							
Keller & Lease	K & L No. 1	Strip	Waynesburg	3	1	1	1	3	41	15.00	669.00						
Kirkwood Coal Company	No. 2	2	Lonaconing	3	1	1	1	3	10	1,591.19							
Kyle and Beeman	Jackson No. 4	1	Big Vein	3	1	1	1	3	149	1,939.00							
Kyle Brothers	Kyle Brothers	2	Big Vein	3	1	1	1	3	238	1,067.00							
L and H Coal Company	Beechwood No. 1	2	Waynesburg	3	1	1	1	3	241	3,888.03							
Liberty Fuel Mine	Liberty	1	Pittsburgh	2	1	1	1	2	17	74.00							
Linda Coal Mining Company	No. 1	2	Big Vein	5	1	1	1	5	41	832.11							
Llewellyn Mine Company	No. 1	Strip	Big Vein	2	1	1	1	2	89	15,317.00							
M and J Coal Company	Blubaugh No. 12 Hill	2	Big Vein	10	3	1	1	15	201	3,382.00							
MacGregor Mines	No. 1	1	Tyson	2	1	1	1	2	237	797.00							
Martin and Symons	No. 1	1	Bakerstown	2	1	1	1	2	102	171.00							
Martin, Thomas S. and Sons	No. 1	1	Bakerstown	2	1	1	1	2	28	1,912.04							
Meadow Coal Company	Meadow	1	Big Vein	4	1	1	1	4	170	2,557.00							
Metz Coal Company	Metz	2	Bakerstown	2	1	1	1	2	184	604.00							
Metz, Chester W. Coal Company	Metz	1	Bakerstown	1	1	1	1	1	150	5,534.00							
Midlothian Coal Company	McNitt No. 3	1	Big Vein	1	1	1	1	1	185	2,398.02							
Miller and Davis Coal Company	Jacob Miller	Strip	Big Vein	2	1	1	1	2	40	1,453.11							
Mineral Coal Company, Inc.	Jackson	Strip	Pittsburgh	2	1	1	1	2	29	1,453.11							

Statistics of Coal Production, Calendar Year 1951

ALLEGANY COUNTY—Continued

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Days Worked During Year	Output Statistics (Cwt. Net Tons)				Accidents		Mining Machines and Equipment	
				Miners	*Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Strip	Total	Fatal		Non-Fatal
Moffatt Coal Company	No. 16	2	Tyson	4	1			322	4,028.04				4,028.04			
Moore, Alvie E.	Moore No. 2412	2	Bakerstown	2	1			226	2,260.00				2,260.00			
Moran Coal Company	Jones No. 3	Strip	Pittsburgh			2		45		1,073.00			1,073.00			
Moran Coal Company	Phoenix	Strip	Pittsburgh			2		45		2,111.00			2,111.00			
Morantown Fuel Company	Wellings No. 1	1	Big Vein	1	1			125	99.00				99.00			
Mount Pleasant Coal Company	Piney No. 2	2	Kittanning	2	1			180	626.00				626.00			
No. Tick Coal Company	No. Tick No. 2	2	Big Vein	3	1			160	911.00				911.00			
Old Mill Mining Company	Old Mill No. 2	2	Bakerstown	6	1			68	917.00				917.00			
Parker, William Fuel Mine	Parker	1	Pittsburgh	1	1			217	15.00				15.00			
Parkersburg Coal Company	Parkersburg	1	Big Vein	2	1			107	385.00				385.00			
Pekin Big Vein Coal Company	No. 4	Strip	Pittsburgh	5				257	5,315.00				5,315.00			
Pleasant Big Vein Coal Company	Hoffa No. 3	2	Big Vein	4	2			133	1,770.00				1,770.00			
Pleasant Valley Coal Company	Stanton	1	Kittanning	5	2			118	711.00				711.00			
Porter Coal Company	Porter	2	Bakerstown	2				113	547.00				547.00			
Porter, M. D., Humbertson, Williams	Blank	2	Bakerstown	2				78	229.00				229.00			
Porter Coal Company	Porter	2	Big Vein	2				86	644.00				644.00			
Potomac Big Vein Georges Creek Coal Company	Potomac B	Strip	Pittsburgh	2				20	509.12				509.12			
Rayner Coal Company	Rayner	1	Big Vein	4				123	319.15				319.15			
Ringlers Big Vein Coal Company	No. 5	3	Big Vein	6	2			37	701.06				701.06			
Robinson Coal Company, The	No. 2	2	Waynesburg	1				245		612.00			612.00			
Russell Coal Company	Miller	1	Tyson	2				167	723.00				723.00			
Russell Coal Company	Russell	1	Big Vein	2				123	1,212.00				1,212.00			
Snyder and Watkins Coal Company	No. 1	Strip	Big Vein	1				32	1,189.00				1,189.00			
Swearman Coal Company	Dutch Hollow	2	Brush Creek	3				143	418.00				418.00			
Tharp Coal Company	Tharp	1	Big Vein	2				198	527.00				527.00			
Tyson Coal Company	Tyson	2	Big Vein	3				40	838.00				838.00			
Tyson Coal Company	Tyson	4	Big Vein	4	1			88	1,709.00				1,709.00			
Virginia Coal Company	Virginia No. 1	Strip	Big Vein	2				180	966.02				966.02			
W and S Coal Company	No. 9	2	Bakerstown	2				118	376.04				376.04			
W and W Coal Company	No. 1	1	Bakerstown	3				226	6,383.04				6,383.04			
W and W Coal Company	No. 2	1	Bakerstown	16				183	14,644.00				14,644.00			
Waddell, Douglas	Waddell	2	Big Vein	6	3			237	6,585.00				6,585.00			
Williams, Margaret L.	Williams	1	Big Vein	2				57	157.11				157.11			
Wilson Coal Company	Wilson	1	Brush Creek	3				46	266.00				266.00			
Wielrenner Coal Company	Wielrenner	2	Big Vein	2				149	558.00				558.00			
Winters and Brode	Winters and Brode	1	Big Vein	2				37	64.00				64.00			
Wilt and Wilt	Wilt and Wilt	1	Maynadier	4	1			165	2,947.00				2,947.00			
Zibelman Coal Company	Maryland Union	3		239	39	16	81	475	165,342.00	61,719.06	76,476.07	303,537.13		16		
Totals				239	39	16	81	475	165,342.00	61,719.06	76,476.07	303,537.13		16		

STATISTICS OF FIRE CLAY PRODUCTION—ALLEGANY COUNTY

Big Savaere Refractories Corporation	Big Savaere	34	Clay	8	11	9	62	257	46,216.14			11,108.00	57,324.14		12	
Mount Savaere Refractories Company, The	Barrdville	22	Clay	2	2	3	29	249		34,935.16		34,935.16	34,935.16		4	
Mount Savaere Refractories Company, The	Mt. Savaere Strip		Clay			4	3	135			14,727.00	14,727.00	14,727.00			
Pleasant Valley Coal Company	Piney Mountain Clay Strip		Clay			4	4	26			873.00	873.00	873.00			
Totals		56		10	13	19	98	667	46,216.14	34,935.16	26,708.00	107,860.10			16	

GARRETT COUNTY

Garrett County Refractories Corporation	Negro Mountain Strip		Strip					307				91,179.00	91,179.00			
Total						21	21	307				91,179.00	91,179.00			

* Drivers include Motormen, Brakemen, etc.

Statistics of Coal Production, Calendar Year 1951

GARRETT COUNTY

Name of Operator	Name of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Days Worked During Year	Output Statistics (Cwt. Net Tons)				Accidents		Mining Machines and Equipment	
				Miners	Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Strip	Total	Fatal		Non-Fatal
Ajax Coal Company	No. 1	1	Bakerstown	18	3	1	2	24	242 01	17,798.06				18,040.07	1	1 Miller Auger
Arnold Coal Company	No. 2	2	Kittanning	2	1			4	2,060.00					2,060.00		
B & S Coal Company	McCallough	1	Freepport	2	1			3	80.00	3,196.00				3,196.00		
B B & K Coal Company	Wolf Den No. 1 & 2	2	Kittanning	2				4	627.15					627.15		
B B & K Coal Company	Dodson No. 3	1	Lower Kittanning	3				4	592.16					592.16		
Bachtel, Paul	Bechtel Strip	1	Kittanning	4				4	120.00					120.00		
Bell-Trean Coal Company	Old North America No. 2	1	Lower Kittanning	4		2		6	263.00					263.00		
Bittinger Coal Company	Ezra, Michaels No. 1	1	Bakerstown	2	2			4	332.00	1,473.00				1,805.00		
Blue Flame Coal Mining Company	No. 2 & 3	1	Freepport	0	2			2	143.18					143.18		
Broadwater, Harry N.	Sloan	1	Freepport	1	1			2	84.00					84.00		
Broadwater, Lee	No. 1	1	Bakerstown	1				1	201.00					201.00		
Burrell Brothers Coal Corporation	Milt No. 1	1	Bakerstown	5	1			6	6,013.18					6,013.18		
Callis Coal Company	Callis Mine	2	Freepport	1	1			2	2,227.13					2,227.13		
Chabot Mining Company	White Rock	1	Bakerstown	5	1			6	1,374.00					1,374.00		
Collins, Robert	Sherman No. 1	1	Freepport	2	1			3	484.14	135.00				619.14		1 Shovel and 1 Dozer
Cover, James A.	Cove	2	Freepport	2	1			3	25.00					25.00		
DMS Coal Company	Bakerstown	2	Bakerstown	1				1	1,321.00					1,321.00		
Daugherty Coal Company, Inc.	Kerns	1	Bush Creek	1				1	374.00					374.00		
Daugherty Coal Company, Inc.	Harvey No. 1	1	Bakerstown	2				2	2,267.05					2,267.05		1 Dozer, 1 Loading Shovel
Del Signore Coal Company	Harvey No. 2	1	Bakerstown	2				2	3,793.14					3,793.14		1 Drag, 2 Shovels
Del Signore Coal Company	Del Signore	1	Freepport	3				3	3,154.00					3,154.00		
Duckworth Coal Company	Duckworth	2	Lower Kittanning	1	1			2	138.00					138.00		1 Auger
Dunlo Coal Company	Taylor	1	Brookville	6	1	1		8	54.00					54.00		1 Cutting Machine
Fairview Coal Corporation	Morgan No. 1	2	Bakerstown	4	2	2		8	3,506.00					3,506.00		2 Jeffrey 35L Cutting Machines
Fazensbaker, James W.	No. 2	1	Freepport	7	2			9	3,506.00					3,506.00		
Feller, E. E. Coal Company, Inc.	No. 1	1	C Prime	5	1			6	3,338.00					3,338.00		
Feller, E. E. Coal Company, Inc.	No. 2	1	Upper Freepport	1				1	907.00					907.00		
Fike Coal Company	No. 2	2	C Prime	12				12	400.00					400.00		
Freepport Coal Company	Hammill	2	Freepport	4	1			5	600.00					600.00		
Freepport Coal Company	Earl No. 1	2	Six Foot	4	1			5	400.00					400.00		
Freepport Coal Company	Earl No. 2	1	Upper Freepport	24	4	3		34	4,722.00	40,566.00				45,288.00		2 Goodman Cutters & Duckbills
Gildea Corporation	Beachy	1	Lower Kittanning	2				2	282.00					282.00		
Glover and Schlossagle	No. 627	2	Kittanning	2				2	574.00					574.00		
Gordon, Wilbert	Shaw	1	Bakerstown	1				1	282.00					282.00		
Grantsville Coal Company	Ralph Harvey	1	Upper Freepport	6	1	1		8	5,073.11					5,073.11		
Harvey, Ralph E.	Harvey	1	Freepport	2				2	167.00					167.00		
Herman and Friend	Andy Friend	2	C Prime	2				2	244.00	892.00				1,059.00		1 Miller Cutter
Jones, T. L.	Jones	1	Kittanning	2				2	369.00					369.00		
Kimmell, G. W.	No. 1	3	Bakerstown	1				1	289.00					289.00		
King Coal Company	Harvey-Dawson No. 2	2	Freepport	3				3	3,144.00					3,144.00		
Klotz Coal Company	Beitzel	2	Bakerstown	6	1			7	3,171.05					3,171.05		
Koontz Coal Company	Swanton Strip	1	Bakerstown	3	1			4	3,171.05					3,171.05		
Lantz, Roscoe B.	Table Rock No. 2	2	Tyson	1				1	2,150.05					2,150.05		
Laurel Stripping Company	Bloomington	1	Lower Kittanning	1	2			3	536.15					536.15		3 Bulldozers, 1-2 1/2 yd. dragline shovel, 1 1/2 yd. shovel
Lee Coal Company	Ezra Michaels No. 1 & 2	3	Bakerstown	1				1	269.00					269.00		3 Bulldozers, 1-2 1/2 yd. dragline shovel, 1-1/2 yd. shovel, 1-2 yd. shovel
M & Y Stripping Company	Bloomington	1	Lower Freepport													
McNitt Coal Co., The	Hammill	2	Kittanning	7	1	2		10	610.12	610.12				1,220.24		
Martin, Wayne	Table Rock Strip	1	Kittanning	1				1	1,672.00					1,672.00		
Mill Run Georges Creek Coal Company	Ezra Michaels No. 3	3	Bakerstown	6	2	1		9	8,842.00	8,842.00				17,684.00		1 Miller Machine
Miller Coal Company	Kinsinger	2	Bakerstown	2				2	448.00					448.00		
Mineral Coal Company	Beachy	1	Upper Freepport	3				3	18,867.01					18,867.01		
Moore, Cecil B.	Moore	2	Franklin	1				1	87.00					87.00		
Moran Coal Company	James No. 2	1	Sewickly	4				4	277.00					277.00		
Morgan Contracting Company	No. 1	1	Upper Freepport	5				5	995.00					995.00		
Moscow-Georges Creek Coal Company	Pecal Strip	1	Pittsburgh	3				3	302.00					302.00		
Myers Coal Company	Laise No. 3	5	Freepport	1	1			2	957.10					957.10		1 Miller Machine
Myers Coal Company	Susanne No. 1	1	Upper Freepport	8	1	4		13	3,565.18	3,565.18				7,130.36		1 Miller Machine

Statistics of Coal Production, Calendar Year 1951

GARRETT COUNTY—Continued

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Days Worked During Year	Output Statistics (Cwt. Net Tons)				Accidents		Mining Machines and Equipment	
				Miners	*Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Strip	Total	Fatal		Non-Fatal
Nelson Coal Company	No. 1	1	Freepport	2	1	1	200	397.00	1,987.00			397.00				
P & G Coal Company	Patison	3	Freepport	5	1	1	165	574.00	1,987.00			1,987.00				
Paugh & Shank Coal Company	Harvey No. 1	1	Freepport	3	1	1	104	833.00	382.00			833.00				
Paugh Brothers Coal Company	Paugh	2	Freepport	3	1	1	142	833.00				833.00				
Pritts Brothers Coal Company, Inc.	Pee Wee	1	Freepport	3	1	1	165	3,933.08				3,933.08				
Reall Coal Company		2	Freepport	2	1	1	20	43.00				43.00				
Robertson, W. A.	Freepport No. 1	2	Freepport	4	1	1	223	2,069.09				2,069.09				
Rosier Coal Company	Rosier	2	Freepport	1	1	1	13	122.00				122.00				
Sausman, Harry	Sausman	2	C Prime	2	1	1	91	410.00				410.00				
Sharpless, Leslie B. Coal Company	Rawlings No. 1	1	Kittanning	10	1	1	245	7,587.00				7,587.00				
Sines, Denzil A.	Old Shank	1	Bakerstown	2	1	1	107	493.10				493.10				
Sisler Coal Company	Del Signore	2	Lower Kittanning	2	1	1	20	48.00				48.00				
Tasker, John W. & Foster E.	Old Monroe	2	Bakerstown	2	1	1	90	413.00				413.00				
Tranum Coal Company	Old North America	1	Lower Kittanning	3	1	1	143	1,080.00				1,080.00				
Upper manCoal Company	No. 1	2	Kittanning	8	1	1	200	5,931.00				5,931.00				
Virts, Stanley	Virts	1	Freepport	12	2	1	219	100.00				100.00				
Virts, Stanley	Virts	2	Bakerstown	2	1	1	221	862.00				862.00				
Weise Fuel Mine	No. 1	1	Bakerstown	2	1	1	149	887.07				887.07				
White House Coal Company	Drift	2	Kittanning	5	1	1	13	34.00				34.00				
Wilburn Brothers	Wilburn	1	Freepport	2	1	1	13	34.00				34.00				
Wilson Brothers Coal Company	Wilson	2	Freepport	2	1	1	217	1,688.00				1,688.00				
Totals				238	41	27	90	396	9,155	71,871.10	103,054.13	70,662.02	245,588.05	16		

* Drivers include Motormen, Brakemen, etc.

**COMPARATIVE STATEMENT OF STATISTICS OF
COAL AND CLAY PRODUCTION
1950 - 1951**

COAL

Allegheny County

Year	Net Tons (Cwt.)	Miners	Drivers*	Inside Laborers	Outside Employees	Total	Fatalities
1950.....	322,593.10	522	54	58	100	734	....
1951.....	303,537.13	339	39	16	81	475	....

Garrett County

1950.....	323,646.13	318	86	224	133	761	1
1951.....	245,588.05	238	41	27	90	396	....

Entire State

1950.....	646,240.03	840	140	282	233	1,495	1
1951.....	529,125.18	577	80	43	171	871	....

**FIRE CLAY
Allegheny County**

1950.....	68,000.17	37	9	9	6	61	....
1951.....	107,860.10	56	10	13	19	98	....

Garrett County

1950.....	75,527.00	....	....	....	19	19	....
1951.....	91,179.00	....	....	....	21	21	....

Entire State

1950.....	143,527.17	37	9	9	25	80	....
1951.....	199,039.10	56	10	13	40	119	....

* Drivers include Motormen, Brakemen, etc.

TOTAL CLAY AND COAL PRODUCTION

1950	789,768.00
1951	748,165.08

TONNAGE BY COAL SEAM — 1951

Allegany County

	Net Tons (Cwt.)
Big Vein	110,152.16
Bakerstown	62,813.09
Tyson	56,037.06
Pittsburgh	36,276.04
Waynesburg	24,033.01
Freeport	4,262.00
Kittanning	3,372.00
Maynadier	2,947.00
Franklin	1,851.17
Parker	1,093.00
Brush Creek	684.00
Lonaconing	15.00
Total.....	303,537.13

Garrett County

Freeport	85,051.00
Kittanning	71,712.18
Bakerstown	57,044.09
C Prime	22,955.11
Brookville	3,763.09
Tyson	3,175.04
Six Foot	600.00
Brush Creek	484.14
Pittsburgh	302.00
Sewickly	277.00
Unknown	135.00
Franklin	87.00
Total.....	245,588.05

TONNAGE BY BASIN — 1951

George's Creek	340,612.04
Upper Potomac	132,154.03
Castleman	48,145.19
Lower Youghiogheny	24,306.05
Upper Youghiogheny	3,907.07
Total.....	549,125.18

**MINE INSPECTIONS
ALLEGANY COUNTY**

1951

Date	Name of Company and Mine	Location	Inspector
Jan.	4-Virginia Coal Co., No. 1 Mine.....	Mill Run	Rowe
"	5-Martin & Son, No. 1 Mine.....	Barton	Rowe
"	5-Martin & Symuons, Symous Mine.....	Barton	Rowe
"	8-W & W Coal Co., No. 2 McDonald Mine.....	Barton	Rowe
"	9-Kyle Bros. Coal Co.....	Moores Run	Buckley*
"	9-Kyle Bros. Coal Co.....	Moores Run	Rowe*
"	9-Kyle & Beeman, Jackson Mine.....	Barton	Buckley*
"	9-Kyle & Beeman, Jackson Mine.....	Barton	Rowe*
"	10-Hershberger Coal Co., Hershberger Mine.....	Lonaconing	Stowell
"	10-Moffatt Coal Co., Moffatt Mine.....	Lonaconing	Stowell
"	10-Bivecol Co., Inc., No. 1 Mine.....	Lonaconing	Buckley*
"	10-Bivecol Co., Inc., No. 1 Mine.....	Lonaconing	Rowe*
"	10-Douglas Waddell, No. 1 and No. 5 Mines.....	Lonaconing	Buckley*
"	10-Douglas Waddell, No. 1 and No. 5 Mines.....	Lonaconing	Rowe*
"	10-Foote & Metz Coal Co., Inc., No. 1 Mine.....	Lonaconing	Buckley*
"	10-Foote & Metz Coal Co., Inc., No. 1 Mine.....	Lonaconing	Rowe*
"	11-Mineral Coal Co., No. 1 Mine.....	Moscow	Rowe
"	11-Roaring Ben Coal Co., No. 5 Mine.....	Lonaconing	Stowell
"	11-Stanley Fazenbaker & Son, Fazenbaker Mine.....	Moscow	Rowe
"	12-Louis Rank & Son, Rank Mine.....	Borden	Stowell
"	12-Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell
"	12-William Brashear, Brashear Mine.....	Westernport	Buckley
"	12-Clark Coal Co., No. 2 Mine.....	Westernport	Buckley
"	13-Llewellyn Coal Co., Spiker Mine.....	Lonaconing	Stowell
"	15-Groves Coal Co., Castle No. 11 Mine.....	Lonaconing	Rowe
"	15-Tharp Coal Co., Tharp Mine.....	Frostburg	Stowell
"	15-Shriver & Sensabaugh, Shriver Mine.....	Frostburg	Stowell
"	15-Pleasant Valley Coal Co., Stanton No. 1 Mine.....	Clarysville	Buckley
"	16-Michaels Coal Co., No. 2 Mine.....	Eckhart	Buckley
"	16-Consolidated Fuel Co., No. 10 Mine.....	Eckhart	Stowell
"	16-Parkersburg Fuel Co., Engle Mine.....	Eckhart	Buckley
"	17-Kirkwood Coal Co., Kirkwood Mine.....	Lonaconing	Rowe
"	17-Russell Coal Co., Russell Mine.....	Lonaconing	Rowe
"	17-W. C. Bennett Coal Co.....	Eckhart	Buckley
"	17-Marshall Porter	Eckhart	Buckley
"	22-Albright Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	23-Jenkins & Swearman, Watkins Mine.....	Mt. Savage	Stowell
"	24-Robison Coal Co., Robison Mine.....	Frostburg	Stowell
"	25-Big Savage Coal Co., No. 1 Mine.....	Big Savage Mt.	Stowell
"	25-Henry Barnes & Son, Strip Mine.....	Midlothian	Stowell
"	25-Finzel & Skidmore, Stewart Mine.....	Mt. Savage	Stowell
"	29-Raynor Coal Co., Strip Mine.....	Gilmore	Rowe
"	29-Shockey & Warnick, No. 9 Mine.....	Lonaconing	Rowe
"	29-Raynor Coal Co., Raynor Mine.....	Gilmore	Rowe
"	29-Llewellyn Coal Co., Llewellyn Mine.....	Lonaconing	Rowe
"	29-Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell
Feb.	1-Midlothian Coal Co., McNitt No. 3 Mine.....	Midlothian	Stowell
"	5-Bakertown Coal Co.....	Moores Run	Buckley
"	5-Bowser Coal Mine	Moores Run	Buckley
"	5-Porter, Humbertson, & Williams.....	Moores Run	Buckley
"	5-Alvie Moore, Moore Mine.....	Moores Run	Buckley
"	5-Campbell Coal Co., Strip Mine.....	Morrison	Rowe
"	5-Phoenix Coal Co., Phoenix Mine.....	Phoenix	Rowe
"	5-McKenzie & Jeffries, Jeffries Mine.....	Frostburg	Stowell
"	5-Allegany Engineering Co., Buckwheat Hill Strip.....	Frostburg	Stowell
"	5-Allegany Engineering Co., Vale Summit Strip.....	Vale Summit	Stowell
"	6-Cecil Moore	Moores Run	Buckley
"	6-Frenzel Coal Co., No. 1 Mine.....	Moores Run	Buckley
"	6-Macaneck Coal Co., No. 2 Mine.....	Lonaconing	Rowe
"	7-Old Mill Mining Co., Shaw Mine.....	Barton	Buckley
"	7-Thomas J. Clark & Bro., Clark Mine.....	Barton	Buckley
"	7-Folk Coal Co., Victory Mine.....	Barrellville	Stowell
"	7-Zihlman Coal Co., Union No. 3 Mine.....	Mt. Savage	Stowell

* Indicates Joint Inspection

**MINE INSPECTIONS
ALLEGANY COUNTY**

1951

Date	Name of Company and Mine	Location	Inspector
Feb.	8--Consolidated Fuel Co., No. 1 Mine.....	Midland	Rowe
"	8--Snyder & Watkins Coal Co., Lotz Mine.....	Mt. Savage	Stowell
"	9--Buskirk Coal Co., Buskirk Mine.....	Lonaconing	Rowe
"	9--Bennett Coal Co., Bennett Mine.....	Mill Run	Buckley
"	9--Tyson Coal Co., Tyson No. 2 Mine.....	Lonaconing	Rowe
"	13--Gray Coal Co., Gray Mine.....	Midland	Rowe
"	13--Clark Coal Co., Strip Mine.....	Midland	Rowe
"	13--Clark Coal Co., Deep Mine.....	Midland	Rowe
"	13--Hughes Coal Co., Hughes Mine.....	Midland	Rowe
"	13--Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell*
"	13--Croston Coal Co., Union No. 1 Mine.....	Zihlman	Buckley*
"	13--Margaret L. Williams, Williams Mine.....	Midland	Rowe
"	14--Henry S. Barnes & Son, Barnes Mine.....	Midlothian	Rowe
"	14--Wilt & Wilt Coal Co., Strip Mine.....	Frostburg	Stowell
"	14--William Parker, Parker Mine.....	Frostburg	Stowell
"	14--Winters & Brode, Brode Mine.....	Midlothian	Rowe
"	14--Filer Coal Co., Filer Mine.....	Midlothian	Rowe
"	15--Clites Coal Co., Parker No. 1 Mine.....	Barrellville	Stowell
"	15--Tyson Coal Co., Cross Mine.....	Midland	Rowe
"	15--Ringler Big Vein Coal Co., Carpenter Mine.....	Mt. Savage	Stowell
"	15--Charlestown Big Vein Coal Co., Charlestown Mine.....	Lonaconing	Rowe
"	19--Dans Mt. Road Coal Co., Blubaugh Mine.....	Gilmore	Rowe
"	19--Moffatt Coal Co., Moffatt Mine.....	Lonaconing	Rowe
"	20--L & H Coal Co., L & H Mine.....	Lonaconing	Rowe
"	21--Mt. Savage Refractories, Inc., Barrellville Mine.....	Barrellville	Stowell
"	21--Jeffries, McKenzie & Crowe, McKenzie Mine.....	Frostburg	Stowell
"	21--Tharp Coal Co., Tharp Mine.....	Frostburg	Rowe
"	26--Mt. Pleasant Coal Co., Federal Hill Mine.....	Frostburg	Stowell
"	26--Mineral Coal Co., Jackson No. 1 Mine.....	Lonaconing	Rowe
"	26--Ivan Wilson Coal Co., Wilson Mine.....	Midland	Rowe
"	27--Rayner Coal Co., Bond Mine.....	Lonaconing	Rowe
"	28--Miners' Big Vein Coal Co., Bivecol No. 2 Mine.....	Lonaconing	Rowe
Mar.	1--Harden Coal Co., Harden Mine.....	Morantown	Stowell
"	1--Pekin Big Vein Coal Co., Hoffa No. 4 Mine.....	Pekin	Rowe
"	2--William Brashear, No. 6 Mine.....	Westernport	Rowe
"	2--Rayner Coal Co., Strip Mine.....	Lonaconing	Stowell
"	2--Rayner Coal Co., Rayner Mine.....	Lonaconing	Stowell
"	2--Aden Coal Co., Aden Mine.....	Westernport	Rowe
"	2--Shockey & Warnick Coal Co., No. 9 Mine.....	Lonaconing	Stowell
"	3--Llewellyn Coal Co., Spiker Mine.....	Lonaconing	Stowell
"	5--Big Savaze Refractories Corp., Clay Mine.....	Big Savage Mt.	Stowell
"	8--Kyle Brothers Coal Co., Kyle Mine.....	Barton	Rowe
"	8--Kyle & Beeman, Jackson Mine.....	Barton	Rowe
"	9--Louis Rank & Son, Rank Mine.....	Borden	Stowell
"	9--Schriver & Sensabaugh, Schriver Mine.....	Borden	Stowell
"	13--Foote & Metz, Foote Mine.....	Lonaconing	Rowe
"	13--The Bivecol Co., Inc., No. 1 Mine.....	Lonaconing	Rowe
"	13--Albright Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	13--Clites Coal Co., Parker No. 1 Mine.....	Barrellville	Stowell
"	14--Custer Coal Co., Mill Run No. 1 Mine.....	Mill Run	Rowe
"	14--Winebrener Coal Co., Winebrener Mine.....	Mt. Savage	Stowell
"	14--Robison Coal Co., Robison Mine.....	Frostburg	Stowell
"	15--Virginia Coal Co., No. 1 Mine.....	Mill Run	Rowe
"	15--Pleasant Valley Coal Co., Stanton Mine.....	Clarysville	Stowell
"	16--McGregor Coal Co., No. 1 Mine.....	Lonaconing	Rowe
"	19--W & W Coal Co., No. 1 Mine.....	Barton	Buckley
"	20--Waddell Coal Company.....	Lonaconing	Rowe
"	21--Miners' Big Vein Coal Co., Bivecol No. 2 Mine.....	Lonaconing	Rowe
"	21--Kirkwood Coal Co., Kirkwood Mine.....	Lonaconing	Rowe
"	21--Meadow Coal Co., Meadow Mine.....	Lonaconing	Stowell
"	21--Mary Jane Blubaugh Coal Co., No. 12 Mine.....	Gilmore	Stowell
"	21--W & W Coal Co., No. 2 Mine.....	Barton	Buckley
"	27--Moran Fuel Co., James No. 3 Mine.....	Phoenix	Rowe

* Indicates Joint Inspection

MINE INSPECTIONS
ALLEGANY COUNTY
1951

Date	Name of Company and Mine	Location	Inspector
Mar.	29--Mary Myers Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	29--Albright Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	29--Groves Coal Co., Castle No. 11 Mine.....	Lonaconing	Rowe
April	3--Clark Coal Co., No. 2 Mine.....	Stoney Run	Buckley
"	3--William Brashear, No. 2 Mine.....	Stoney Run	Buckley
"	3--Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell
"	3--Harden Coal Co., Harden Mine.....	Morantown	Stowell
"	3--Porter Coal Co., Porter Mine.....	Eckhart	Stowell
"	4--Filsinger Coal Co., Low Tide Mine.....	Eckhart	Stowell
"	4--Macanek Coal Co., No. 2 Mine.....	Lonaconing	Rowe
"	5--Bowser Coal Mine.....	Barton	Buckley
"	5--Porter, Humbertson & Williams, Porter Mine.....	Barton	Buckley
"	5--Alvie Moore.....	Barton	Buckley
"	5--Roaring Ben Coal Co., Waynesburg No. 5 Mine.....	Lonaconing	Stowell
"	6--Mt. Savage Refractories, Inc., Strip Mine.....	Mt. Savage	Stowell
"	6--Jenkins & Swearman, Watkins Mine.....	Mt. Savage	Stowell
"	9--Thomas J. Clark & Bro. Clark Mine.....	Barton	Buckley
"	9--Old Mill Mining Co., Shaw Mine.....	Barton	Buckley
"	9--Nathan Porter, Porter Mine.....	Eckhart	Stowell
"	9--Zihlman Coal Co., Md. Union No. 3 Mine.....	Mt. Savage	Stowell
"	9--Stanley Fazenbaker & Son, Fazenbaker Mine.....	Moscow	Rowe
"	10--Finzel & Skidmore Coal Co., Stewart Mine.....	Mt. Savage	Stowell
"	10--Big Savage Coal Co., No. 1 Mine.....	Big Savage Mt.	Stowell
"	10--W & W Coal Co., No. 2 Mine.....	Barton	Buckley
"	12--Midlothian Coal Co., McNitt No. 3 Mine.....	Midlothian	Stowell
"	12--Metz Coal Co., Metz Mine.....	Barton	Buckley
"	13--Phoenix Coal Corp., Phoenix Mine.....	Phoenix	Rowe
"	13--W. C. Bennett Coal Co., Bennett Mine.....	Eckhart	Stowell
"	24--Miners' Big Vein Coal Co., Bivecol No. 3 Mine.....	Lonaconing	Rowe
"	24--Buskirk Coal Co., Buskirk Mine.....	Lonaconing	Rowe
"	25--Moffatt Coal Co., Moffatt Mine.....	Lonaconing	Rowe
"	26--Wilson Coal Co., Ivan Wilson Mine.....	Midland	Rowe
"	26--Robert Clarke Coal Co., Strip Mine.....	Midland	Rowe
"	26--Margaret L. Williams, Williams Mine.....	Midland	Rowe
"	26--Gray Coal Co., Bluebird Mine.....	Midland	Rowe
"	26--Hughes Coal Co., Hughes Mine.....	Midland	Rowe
"	27--Hill Top Coal Co., Cross Strip Mine.....	Midland	Rowe
"	30--L & H Coal Co., L & H Mine.....	Lonaconing	Rowe
"	30--Llewellyn Coal Co., Llewellyn Mine.....	Lonaconing	Rowe
"	30--Rayner Coal Co., Rayner Mine.....	Lonaconing	Rowe
"	30--Shockey & Warnick, Shockey Mine.....	Lonaconing	Rowe
May	1--H. Barnes & Son, Barnes Mine.....	Midlothian	Rowe
"	1--Winters & Brode, Winters & Brode Mine.....	Midlothian	Rowe
"	1--Filer Coal Co., Filer Mine.....	Midlothian	Rowe
"	2--Pekin Big Vein Coal Co., Hoffa No. 4 Mine.....	Pekin	Rowe
"	3--Mineral Coal Co., Jackson Hill No. 1 Mine.....	Lonaconing	Rowe
"	3--Conner-Haines Coal Co., Jackson Mine.....	Lonaconing	Rowe
"	3--Joseph McGregor, Macanek No. 1 Mine.....	Lonaconing	Rowe
"	3--Mt. Savage Refractories, Inc., Clay Mine.....	Barrellville	Stowell
"	3--Robert Clarke Coal Co., Strip.....	Midland	Stowell
"	8--Mt. Pleasant Coal Co., Federal Hill Mine.....	Frostburg	Stowell
"	8--The Bivecol Co., Inc., Bivecol No. 1 Mine.....	Lonaconing	Rowe
"	8--Foote & Metz, Foote Mine.....	Lonaconing	Rowe
"	9--Kyle & Beeman, Jackson Mine.....	Barton	Rowe
"	9--Kyle Brothers, Kyle Mine.....	Barton	Rowe
"	9--Midlothian Coal Co., McNitt No. 3 Mine.....	Midlothian	Stowell
"	10--No Tick Coal Co., Rank & Son Mine.....	Borden	Stowell
"	10--Tharp Coal Co., Tharp Mine.....	Borden	Stowell
"	10--Jeffries & McKenzie, McKenzie Mine.....	Frostburg	Stowell
"	11--Zihlman Coal Co., Md. Union No. 3 Mine.....	Mt. Savage	Stowell
"	15--Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell
"	16--Big Savage Refractories Corp., Clay Mine.....	Frostburg	Stowell
"	16--Douglas Waddell, No. 1 and No. 2 Mines.....	Lonaconing	Rowe

MINE INSPECTIONS
ALLEGANY COUNTY

1951

Date	Name of Company and Mine	Location	Inspector
May	21—Harden Coal Co., Harden Mine.....	Mt. Savage	Stowell
"	22—Kirkwood Coal Co., Kirkwood Mine.....	Lonaconing	Rowe
"	23—Groves Coal Co., Castle No. 11 Mine.....	Lonaconing	Rowe
"	23—W & W Coal Co., No. 2 Mine.....	Barton	Buckley
"	24—Big Savage Refractories Corp., Clay Mine.....	Big Savage Mt.	Stowell
"	24—Margaret Williams Coal Co., Williams Mine.....	Midland	Stowell
"	24—Ajax Coal Co., No. 4 Mine.....	Mill Run	Buckley
"	28—Bald Knob Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	28—Albright Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	31—Consolidated Fuel Co., No. 10 Mine.....	Eckhart	Stowell
"	31—Consolidated Fuel Co., Ocean No. 1 Mine.....	Midland	Rowe
June	1—Wm. Brashear, No. 6 Mine.....	Stoney Run	Rowe
"	7—Wm. Brashear, No. 2 Mine.....	Stoney Run	Buckley
"	8—Shaw Coal Co., Old Mill Mine.....	Barton	Buckley
"	11—Macanek Coal Co., No. 2 Mine.....	Lonaconing	Rowe
"	13—Stanley Fazenbaker & Son, Fazenbaker Mine.....	Moscow	Rowe
"	14—Dans Mt. Road Coal Co., Blubaugh Mine.....	Gilmore	Rowe
"	14—Mineral Coal Co., Jackson Mine.....	Lonaconing	Rowe
"	14—Connor-Haines Coal Co., Jackson Mine.....	Lonaconing	Rowe
"	14—Alvie Moore Coal Co., Moore Mine.....	Moores Run	Buckley
"	14—Porter, Humbertson & Williams, Porter Mine.....	Moores Run	Buckley
"	15—Phoenix Coal Corp., Phoenix Mine.....	Phoenix	Rowe
"	19—Filer Coal Co., Filer Mine.....	Midlothian	Stowell
"	19—Darrow Coal Co., Strip Mine.....	Lonaconing	Stowell
"	20—Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell
"	20—Zihlman Coal Co., Md. Union No. 3 Mine.....	Mt. Savage	Stowell
"	21—Swearman Coal Co., Watkins Mine.....	Mt. Savage	Stowell
"	21—Buskirk Coal Co., No. 1 Mine.....	Lonaconing	Rowe
"	21—Miners' Big Vein Coal Co., Bivecol Mine.....	Lonaconing	Rowe
"	21—Tyson Coal Co., No. 1 Mine.....	Lonaconing	Rowe
"	22—Tyson Coal Co., No. 2 Mine.....	Midland	Rowe
"	22—Clarke Coal Co., Robert, Clarke Strip.....	Midland	Rowe
"	25—L & H Coal Co., L & H Mine.....	Lonaconing	Rowe
"	26—Groves Coal Co., Castle No. 11 Mine.....	Lonaconing	Rowe
"	27—Rayner Coal Co., Strip Mine.....	Gilmore	Rowe
"	27—Rayner Coal Co., Rayner Mine.....	Gilmore	Rowe
July	2—Kyle & Beeman, Jackson Mine.....	Barton	Rowe
"	2—Kyle Brothers, Kyle Mine.....	Barton	Rowe
"	2—Potomac Big Vein Geo. Creek Coal Co., Potomac Mn.	Barton	Rowe
"	6—Mt. Savage Refractories, Inc., Strip Mine.....	Mt. Savage	Stowell
"	9—Margaret Williams Coal Co., Williams Mine.....	Midland	Rowe
"	10—Foote & Metz, Foote Mine.....	Lonaconing	Rowe
"	10—The Bivecol Co., No. 1 Mine.....	Lonaconing	Rowe
"	12—Gray Coal Co., Bluebird Mine.....	Midland	Rowe
"	12—Hughes Coal Co., Hughes Mine.....	Midland	Rowe
"	16—Pekin Big Vein Coal Co., Hoffa No. 4 Mine.....	Pekin	Rowe
"	30—Waddell Coal Co., No. 1 and No. 2 Mines.....	Lonaconing	Rowe
"	31—Mineral Coal Co., No. 1 Mine.....	Lonaconing	Rowe
"	31—Joseph McGregor, No. 1 Mine.....	Lonaconing	Rowe
"	31—Conner-Haines Coal Co., Jackson Mine.....	Lonaconing	Rowe
Aug.	1—Kirkwood Coal Co., Kirkwood Mine.....	Lonaconing	Rowe
"	2—H. S. Barnes & Son, Barnes Mine.....	Midlothian	Rowe
"	2—Phoenix Big Vein Coal Co., Hoffa Mine.....	Phoenix	Rowe
"	6—Aden Coal Co., Aden Mine.....	Westernport	Rowe
"	8—Midlothian Coal Co., Midlothian Mine.....	Midlothian	Rowe
"	10—Clites Coal Co., Parker No 1 Mine.....	Barrellville	Rowe
"	10—Mt. Savage Refractories Co., Barrellville Mine.....	Barrellville	Rowe
"	15—The Roaring Ben Coal Co., Waynesburg No. 3 & 5....	Lonaconing	Buckley
"	15—Tyson Coal Co., Cross Mine.....	Midland	Rowe
"	16—Dans Mt. Road Coal Co., Blubaugh Mine.....	Gilmore	Rowe
"	16—Federal Hill Coal Co., Federal Hill Mine.....	Frostburg	Stowell
"	16—Tharp Coal Co., Tharp Mine.....	Frostburg	Stowell
"	16—Finzel & Skidmore Coal Co., Blackberry Mine.....	Morantown	Buckley

MINE INSPECTIONS
ALLEGANY COUNTY
1951

Date	Name of Company and Mine	Location	Inspector
Aug.	16—Harden Coal Co., Harden Mine.....	Morantown	Buckley
"	16—No Tick Coal Co., Rank Mine.....	Frostburg	Stowell
"	16—Croston Coal Co., Union No. 1 Mine.....	Zihlman	Rowe
"	17—Jeffries & McKenzie Coal Co., Jeffries Mine.....	Frostburg	Stowell
"	17—Rayner Coal Co., Rayner Mine.....	Lonaconing	Stowell
"	17—L & H Coal Co., Waynesburg Mine.....	Lonaconing	Rowe
"	17—Groves Coal Co., Castle No. 11 Mine.....	Lonaconing	Rowe
"	20—Consolidated Fuel Co., Ocean No. 1 Mine.....	Midland	Rowe
"	20—Robert Clarke Coal Co., Strip Mine.....	Gilmore	Stowell
"	21—Stanley Fazanbaker & Son, Fazanbaker Mine.....	Moscow	Rowe
"	21—Filer Coal Co., Filer Mine.....	Midlothian	Rowe
"	21—Big Savage Refractories Corp., N. America No. 6.....	Frostburg	Stowell
"	21—Pleasant Valley Coal Co., Stanton No. 1 Mine.....	Clarysville	Buckley
"	21—Consolidated Fuel Co., Vale Summit Strip.....	Vale Summit	Stowell
"	22—Big Savage Coal Co., Anderson Mine.....	Big Savage Mt.	Stowell
"	22—Meadow Coal Co., Meadow Mine.....	Lonaconing	Rowe
"	22—Macanek Coal Co., Macanek Mine.....	Lonaconing	Rowe
"	22—Consolidated Fuel Co., Strip Mine.....	Frostburg	Stowell
"	23—Swearman Coal Co., Watkins Mine.....	Mt. Savage	Stowell
"	24—Buskirk Coal Co., Buskirk Mine.....	Lonaconing	Rowe
"	24—Edna Coal Co., Tyson No. 1 Mine.....	Lonaconing	Rowe
"	24—Morantown Coal Co., Wellings No. 1 Mine.....	Morantown	Stowell
"	24—Winchrener Coal Co., No. 1 Mine.....	Mt. Savage	Stowell
"	28—Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell*
"	28—Croston Coal Co., Union No. 1 Mine.....	Zihlman	Buckley*
"	29—Phoenix Coal Corp., Phoenix Mine.....	Barton	Rowe
"	29—Ajax Coal Co., No. 1 Mine.....	Westernport	Buckley
"	29—Moffatt Coal Co., Moffatt Mine.....	Lonaconing	Rowe
"	29—Barnes & Son Coal Co., Strip Mine.....	Midlothian	Stowell
Sept.	6—Robert Clarke Coal Co., Clark Mine.....	Midland	Stowell
"	7—W & W Coal Co., No. 2 Mine.....	Barton	Buckley
"	10—Wm. Parker Coal Co., Parker Mine.....	Frostburg	Stowell
"	10—W & W Coal Co., No. 1 Mine.....	Barton	Buckley
"	10—Clark Coal Co., No. 2 Mine.....	Stoney Run	Buckley
"	10—Kyle Brothers, Kyle Mine.....	Barton	Rowe
"	10—Kyle & Beeman, Jackson Mine.....	Barton	Rowe
"	11—Phoenix Coal Corp., Hoffa Mine.....	Barton	Rowe
"	11—Foote & Metz Coal Co., Foote Mine.....	Lonaconing	Rowe
"	11—Bennett Coal Co., Bennett Mine.....	Mill Run	Buckley
"	11—The Bivecol Co., Inc., Bivecol No. 1.....	Lonaconing	Rowe
"	11—Virginia Coal Co., No. 1 Mine.....	Mill Run	Rowe
"	13—Bakertown Coal Co.....	Moores Run	Buckley
"	13—Alvie Moore Coal Co., Moore Mine.....	Moores Run	Buckley
"	13—Porter & Humbertson, Porter Mine.....	Moores Run	Buckley
"	13—Frenzel Coal Co., Mine No. 1.....	Moores Run	Buckley
"	17—Old Mill Mining Co., Old Mill No. 2.....	Barton	Buckley
"	17—Conner-Haines Coal Co., Jackson Mine.....	Lonaconing	Rowe
"	17—Joseph McGregor, Mine No. 1.....	Lonaconing	Rowe
"	17—Martin & Symons, Martin No. 1.....	Barton	Rowe
"	17—Mt. Pleasant Coal Co., Piney Mt.....	Eckhart	Stowell
"	18—Bowser Coal Co.....	Moores Run	Buckley
"	18—Thomas J. Clark & Bro., Clark Mine.....	Barton	Buckley
"	18—Gray Coal Co., Bluebird Mine.....	Midland	Rowe
"	18—Margaret Williams Coal Co., Williams Mine.....	Midland	Rowe
"	18—Hughes Coal Co., Hughes Mine.....	Midland	Rowe
"	18—Ayers Coal Co., Parker No. 1 Mine.....	Barrellville	Stowell
"	19—A & H Coal Co., A & H No. 1 Mine.....	Mt. Savage	Stowell
"	19—Pekin Big Vein Coal Co., Hoffa No. 4 Mine.....	Pekin	Rowe
"	20—Earl Michaels Coal Co., Michaels Mine.....	Eckhart	Stowell
"	20—Albright Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	21—Zihlman Coal Co., Md. Union No. 3 Mine.....	Mt. Savage	Stowell
"	25—Robert Clarke Coal Co., Strip Mine.....	Gilmore	Stowell
"	25—Midlothian Coal Co., McNitt No. 3 Mine.....	Midlothian	Rowe

* Indicates Joint Inspection

**MINE INSPECTIONS
ALLEGANY COUNTY**

1951

Date	Name of Company and Mine	Location	Inspector
Sept.	27—Miller & Davis Coal Co., Strip.....	Lonaconing	Rowe
"	27—Rayner Coal Co., Rayner Mine.....	Gilmore	Rowe
"	27—Kirkwood Coal Co., Kirkwood Mine.....	Lonaconing	Rowe
Oct.	2—Douglas Waddell Coal Co., Mines No. 1 and 2.....	Lonaconing	Rowe
"	3—Tharp Coal Co., Tharp Mine.....	Frostburg	Stowell
"	3—Consolidated Fuel Co., Ocean No. 1.....	Midland	Rowe
"	4—L & H Coal Co., Beechwood No. 1 Mine.....	Lonaconing	Rowe
"	4—Groves Coal Co., Castle No. 11 Mine.....	Lonaconing	Rowe
"	5—Raymond Spriggs, Spriggs Mine.....	Barton	Rowe
"	5—No Tick Coal Co., Rank Mine.....	Frostburg	Stowell
"	8—Dans Mt. Road Coal Co., Blubaugh Mine.....	Gilmore	Rowe
"	8—Tyson Coal Co., Mine No. 1.....	Midland	Rowe
"	8—Stanley Fazenbaker & Son, Fazenbaker Mine.....	Moscow	Rowe
"	9—Meadow Coal Co., Meadow Mine.....	Lonaconing	Rowe
"	9—Macanek Coal Co., Macanek Mine.....	Lonaconing	Rowe
"	10—Jefferies & McKenzie Coal Co., Jefferies Mine.....	Frostburg	Stowell
"	10—Marshall Porter Coal Co., Porter Mine.....	Eckhart	Stowell
"	11—Federal Coal Co., Federal No. 3 Mine.....	Frostburg	Stowell
"	15—H. Barnes & Son, Barnes Mine.....	Midlothian	Rowe
"	15—Filer Coal Co., Filer Mine.....	Midlothian	Rowe
"	15—Big Savage Refractories Corp., Benson Clay Mine.....	Zihlman	Stowell
"	17—Phoenix Coal Corp., Hoffa Mine.....	Phoenix	Rowe
"	17—Moffatt Coal Co., Mine No. 16.....	Lonaconing	Rowe
"	17—Albright Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	18—Buskirk Coal Co., Buskirk Mine.....	Lonaconing	Rowe
"	18—Aden Coal Co., Aden Mine.....	Westernport	Rowe
"	18—Edna Coal Co., Tyson No. 2 Mine.....	Lonaconing	Rowe
"	19—Clites Coal Co., Parker No. 1 Mine.....	Barrellville	Stowell
"	22—Finzel & Skidmore Coal Co., Stewart Mine.....	Mt. Savage	Stowell
"	29—Kyle Brothers, Kyle Mine.....	Barton	Rowe
"	29—Kyle & Beeman, Jackson Mine.....	Barton	Rowe
"	29—The Bivecol Co., Inc., Bivecol No. 1 Mine.....	Lonaconing	Rowe
"	29—Foote & Metz Coal Co., Foote Mine.....	Lonaconing	Rowe
"	29—Potomac Big Vein Geo. Creek Coal Co., Potomac 13.....	Moores Run	Rowe
"	31—Mt. Savage Refractories Inc., Clay Mine.....	Barrellville	Stowell
"	31—Herbert Wolfe, Wolfe Mine.....	Franklin	Rowe
"	31—Jones & Raynor.....	Lonaconing	Rowe
Nov.	2—No Tick Coal Co., Rank Mine.....	Borden	Stowell
"	2—Mt. Pleasant Coal Co., Piney Mt. Clay Strip.....	Piney Mt.	Stowell
"	5—McGregor Coal Co., McGregor Mine.....	Lonaconing	Rowe
"	5—Martin & Symons, Martin Mine.....	Barton	Rowe
"	6—Conner-Haines Coal Co., Jackson Mine.....	Lonaconing	Rowe
"	6—Linda Coal Co., Parker No. 4 Mine.....	Mt. Savage	Stowell
"	7—Big Vein Coal Co., Strip.....	Zihlman	Stowell
"	7—Margaret Williams Coal Co., Williams Mine.....	Midland	Stowell
"	7—Pekin Big Vein Coal Co., Hoffa No. 4 Mine.....	Pekin	Rowe
"	8—W & W Coal Co., McDonald No. 2 Mine.....	Barton	Rowe
"	14—Coleman Coal Co., Morton Mine.....	Midland	Stowell
"	14—Keller & Lease Coal Co., K & L No. 1 Mine.....	Gilmore	Stowell
"	15—Croston Coal Co., Union No. 1 Mine.....	Zihlman	Stowell
"	16—Nathan Porter Coal Co., Porter Mine.....	Eckhart	Stowell
"	19—Swearman Coal Co., Watkins Mine.....	Mt. Savage	Stowell
"	19—Albright Coal Co., Strip Mine.....	Mt. Savage	Stowell
"	20—Ajax Coal Co., No. 4 Mine.....	Mill Run	Buckley
"	20—Margaret Williams Coal Co., Williams Mine.....	Midland	Rowe
"	20—Gray Coal Co., Bluebird Mine.....	Midland	Rowe
"	20—Bennett Coal Co., Bennett Mine.....	Mill Run	Buckley
"	21—Evelyn McKenzie Coal Co., Cameron Mine.....	Lonaconing	Stowell
"	23—Snyder & Watkins Coal Co., Lotz Mine.....	Mt. Savage	Stowell
"	26—Albert Watkins Coal Co., Old Keley Mine.....	Eckhart	Stowell
"	27—Pleasant Valley Coal Co., Stanton No. 1 Mine.....	Clarysville	Stowell
"	28—Douglas Waddell, Waddell No. 1 and No. 2 Mines.....	Lonaconing	Rowe
"	29—Hughes Coal Co., Columbia Mine.....	Midland	Rowe

MINE INSPECTIONS
ALLEGANY COUNTY
1951

Date	Name of Company and Mine	Location	Inspector
Nov.	29—Winters & Brode, Brode Mine.....	Midlothian	Rowe
"	29—H. Barnes & Sons, Barnes Mine.....	Midlothian	Rowe
"	30—Clark Coal Co., No. 2 Mine.....	Stoney Run	Buckley
"	30—Wm. Brashear Coal Co.....	Stoney Run	Buckley
"	30—Pleasant Valley Coal Co., Clay Strip.....	Piney Mt.	Stowell
Dec.	5—Consolidated Fuel Co., Ocean No. 1 Mine.....	Midland	Rowe
"	5—Frenzel Coal Co., No. 1 Mine.....	Moores Run	Buckley
"	5—Alvie Moore Coal Co., Moore Mine.....	Moores Run	Buckley
"	5—O. T. Porter Coal Co., Porter Mine.....	Moores Run	Buckley
"	6—Bakertown Coal Co.....	Moores Run	Buckley
"	6—Bowser Coal Co., Bowser Mine.....	Moores Run	Buckley
"	7—Groves Coal Co., Castle No. 11 Mine.....	Lonaconing	Rowe
"	7—L & H Coal Co., Waynesburg Mine.....	Lonaconing	Rowe
"	10—Stanley Fazenbaker & Son, Fazenbaker Mine.....	Moscow	Rowe
"	10—Russell Coal Co., Miller Mine.....	Lonaconing	Rowe
"	10—Bartlett Run Coal Co.....	Barton	Buckley
"	10—Metz Coal Co., Metz Mine.....	Barton	Buckley
"	12—Winebrener Coal Co., Winebrener Mine.....	Mt. Savage	Stowell
"	13—Macaneck Coal Co., Macaneck Mine.....	Lonaconing	Rowe
"	13—Kirkwood Coal Co., Kirkwood Mine.....	Lonaconing	Rowe
"	13—Russell Coal Co., Russell Mine.....	Lonaconing	Rowe
"	13—Meadow Coal Co., Meadow Mine.....	Lonaconing	Rowe
"	14—Buskirk Coal Co., Buskirk Mine.....	Lonaconing	Rowe
"	14—Thomas J. Clark & Bro., Clark Mine.....	Barton	Buckley
"	14—Keller & Lease Coal Co., K & L Mine.....	Gilmore	Stowell
"	14—Old Mill Mining Co., No. 2 Mine.....	Barton	Buckley
"	18—Midlothian Coal Co., McNitt No. 3 Mine.....	Midlothian	Rowe

**MINE INSPECTIONS
GARRETT COUNTY**

1951

Date	Name of Company and Mine	Location	Inspector
Jan.	2—Daugherty Coal Company, Strip Mine.....	Deer Park	Buckley
"	2—Albert Uphole, Keith Steyer Mine.....	Loch Lynn	Buckley
"	4—Pritts Brothers Coal Co., Pee Wee Mine.....	Kitzmiller	Buckley
"	4—Whitehouse Coal Company.....	Kitzmiller	Buckley
"	5—Wilbert Gordon, Roberts Mine.....	Luke	Rowe
"	11—Wilson Bros. Coal Co., Wilson Mine.....	Westernport	Buckley
"	18—North Branch Coal Mining Co., Dewey Mine.....	Jennings	Stowell
"	18—Grantsville Coal Co., Shaw Mine.....	Grantsville	Stowell
"	18—Ajax Coal Co., No. 1 Mine.....	Mill Run	Buckley
"	19—Fairview Coal Corp., No. 3 Mine.....	Jennings	Stowell
"	19—McNitt Coal Co., Hamill Mine.....	Kitzmiller	Buckley
"	22—Blue Flame Coal Co., No. 2 Mine.....	Table Rock	Buckley
"	22—Del Signore Coal Co., Gilbert Mine.....	Table Rock	Buckley
"	22—Blue Flame Coal Co., No. 3 Mine.....	Table Rock	Buckley
"	23—Bell-Tranum Coal Corp., Old North America No. 2.....	Kitzmiller	Buckley
"	23—L. B. Sharpless Coal Mine.....	Kitzmiller	Buckley
"	25—Charles A. Harvey, Harvey Mine.....	Mt. Zion	Buckley
"	25—Tichnell Coal Co., No. 1 Mine.....	Mt. Zion	Buckley
"	25—Virts Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	26—Burrell Bros. Coal Co., Milt No. 1 Mine.....	Kitzmiller	Buckley
"	26—B B & K Coal Co., Inc., Dodson No. 3 Mine.....	Shallmar	Buckley
"	29—James A. Cover, Cover Mine.....	Friendsville	Buckley
"	29—Herman & Friend, Friend Mine.....	Friendsville	Buckley
"	30—Ellis Artice & Sons Coal Co., McCullough Mine.....	Friendsville	Buckley
"	30—Glover & Schlossnagle Coal Mine.....	Friendsville	Buckley
"	30—Fike Coal Co., Fike Mine.....	Friendsville	Buckley
"	31—T. L. Jones Coal Co., Jones Mine.....	Friendsville	Buckley
"	31—Harry Sausman Coal Co., Fike Mine.....	Friendsville	Buckley
Feb.	6—Wilburn Coal Co., Wilburn Mine.....	Jennings	Stowell
"	9—Mill Run Georges Creek Coal Co.....	Mill Run	Buckley
"	15—Ralph Harvey Mine.....	Mt. Zion	Buckley
"	15—Fazenbaker Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	16—F. P. Gaither, Pecal Mine.....	Moscow	Rowe
"	16—Charles A. Harvey, Harvey Mine.....	Mt. Zion	Buckley
"	16—Duckwork Coal Co., No. 1 Mine.....	Mt. Zion	Buckley
"	16—Koontz Coal Co., Swanton Strip.....	Barton	Rowe
"	16—Koontz Coal Co., Swanton No. 3 Mine.....	Barton	Rowe
"	19—Harry Broadwater, Kinsinger No. 1 Mine.....	Jennings	Stowell
"	19—Kimmel Coal Co.....	Deer Park	Buckley
"	19—Miller Bros. Coal Co., Kinsinger Mine.....	Jennings	Stowell
"	19—King Coal Co., No. 2 Mine.....	Deer Park	Buckley
"	20—Collins Coal Mine.....	Deer Park	Buckley
"	20—Russell Shank Coal Co., Lost Land No. 2 Mine.....	Deer Park	Buckley
"	21—Blue Flame Coal Co., No. 2 Mine.....	Table Rock	Buckley
"	21—Roscoe B. Lantz, No. 2 Mine.....	Table Rock	Buckley
"	26—Callis Coal Co.....	Deer Park	Buckley
"	26—Paugh Bros. Coal Co.....	Deer Park	Buckley
"	27—Klotz Coal Co., Beitzel Mine.....	Bittinger	Stowell
"	28—Upperman Coal Co.....	Deer Park	Buckley
"	28—Daugherty Coal Co., Strip Mine.....	Deer Park	Buckley
Mar.	1—Myers Coal Co., Louise No. 3 Mine.....	Gorman	Buckley
"	2—Laurel Stripping Co., No. 2 Mine.....	Bloomington	Rowe
"	2—Garrett Coal Corp., Earl No. 2 Mine.....	Vindex	Buckley
"	3—Laurel Stripping Co., No. 1 Mine.....	Bloomington	Rowe
"	5—Garrett Coal Corp., Earl No. 2 Mine.....	Vindex	Buckley
"	5—Sharpless & Paugh, Sharpless Mine.....	Mt. Zion	Rowe
"	5—Garrett Coal Corp., Earl No. 4 Mine.....	Vindex	Buckley
"	6—Fairview Coal Corp., No. 3 Mine.....	Jennings	Stowell
"	6—Albert Uphole, Keith Steyer Mine.....	Loch Lynn	Buckley
"	7—Ajax Coal Co., No. 1 Mine.....	Mill Run	Buckley
"	13—Nelson & Hise Coal Co., Wilt Mine.....	Aarons Run	Buckley
"	13—Wilson Brothers Coal Co., Wilson Mine.....	Aarons Run	Buckley
"	15—Sharpless Coal Co., Rawlings No. 1 Mine.....	Kitzmiller	Buckley

**MINE INSPECTIONS
GARRETT COUNTY**

1951

Date	Name of Company and Mine	Location	Inspector
Mar.	15—B B & K Coal Co., Inc., Dodson No. 3 Mine.....	Shallmar	Buckley
"	16—Bell-Tranum Coal Co., Old North America Mine.....	Kitzmiller	Buckley
"	16—Whitehouse Coal Co.	Kitzmiller	Buckley
"	20—Dunlo Coal Co., Taylor No. 1 Mine.....	Oakland	Buckley
"	22—Mineral Coal Co., Strip Mine.....	Jennings	Stowell
"	22—Burrell Brothers, Inc., Milt No. 1 Mine.....	Kitzmiller	Buckley
"	22—Pritts Brothers Coal Co., Pee Wee Mine.....	Kitzmiller	Buckley
"	22—Garrett County Refractories Corp., Clay Mine.....	Jennings	Stowell
"	27—Glover & Schlossnagle Coal Mine.....	Friendsville	Stowell
"	27—T. L. Jones Coal Co., Jones Mine.....	Friendsville	Stowell
"	27—Blue Flame Coal Co., Roth No. 3 Mine.....	Table Rock	Buckley
"	28—Virts Coal Co., No. 2 Mine.....	Table Rock	Buckley
"	28—J. W. Tasker & Sharpless, Monroe Mine.....	Swanton	Buckley
"	29—P & G Coal Co., Pattison Mine.....	Bloomington	Buckley
"	29—Warnick & Sons, Warnick Mine.....	Aarons Run	Buckley
April	4—Tichnell Coal Co., No. 1 Mine.....	Mt. Zion	Buckley
"	5—Moran Coal Co., James No. 1 and 2.....	Westernport	Rowe
"	5—Wilbert Gordon, Roberts Mine.....	Luke	Rowe
"	6—Koontz Coal Co., Swanton Strip.....	Barton	Rowe
"	6—F. P. Gaither, Pecal Mine.....	Barton	Rowe
"	6—Harry Warren.....	Oakland	Buckley
"	6—Koontz Coal Co., Swanton No. 3 Mine.....	Barton	Rowe
"	11—E. E. Feller Coal Co., Strip Mine.....	Selbysport	Stowell
"	11—Harry Sausman Coal Co., Fike Mine.....	Selbysport	Stowell
"	11—Mill Run Geo. Creek Coal Co., Mines No. 1, 2, 3.....	Mill Run	Buckley
"	13—Ralph Harvey Mine.....	Mt. Zion	Buckley
"	16—King Coal Co., No. 2 Mine.....	Deer Park	Buckley
"	17—Russell Shank Coal Co., Lost Land No. 2 Mine.....	Deer Park	Buckley
"	17—Collins Coal Mine.....	Deer Park	Buckley
"	18—Roscoe B. Lantz, No. 2 Mine.....	Table Rock	Buckley
"	18—Arnold Coal Co., No. 2 Mine.....	Table Rock	Buckley
"	19—Callis Coal Co.	Deer Park	Buckley
"	19—Kimmell Coal Co.	Deer Park	Buckley
"	19—Paugh Brothers Coal Mine.....	Deer Park	Buckley
"	20—Upperman Coal Co., No. 1 Mine.....	Deer Park	Buckley
May	7—W. A. Robertson Coal Co., No. 1 Mine.....	Bittinger	Stowell
"	7—Fairview Coal Corp., No. 3 Mine.....	Jennings	Stowell
"	8—Paugh & Sharpless.....	Mt. Zion	Buckley
"	8—Duckworth Coal Co., No. 1 Mine.....	Mt. Zion	Buckley
"	14—Grantsville Coal Co., Shaw Mine.....	Grantsville	Stowell
"	16—Wilson Brothers Coal Co., Wilson Mine.....	Aarons Run	Buckley
"	16—Nelson Coal Co., Wilt Mine.....	Aarons Run	Buckley
"	17—Miller Brothers Coal Co., Kinsinger Mine.....	Jennings	Stowell
"	17—Mineral Coal Co., Strip Mine.....	Jennings	Stowell
"	17—Dunlo Coal Co., Taylor No. 1 Mine.....	Oakland	Buckley
"	21—Dunlo Coal Co., Taylor No. 1 Mine.....	Oakland	Buckley
"	21—Koontz Coal Co., Swanton No. 3 Mine.....	Barton	Rowe
"	21—Koontz Coal Co., Swanton Strip.....	Barton	Rowe
"	22—Ajax Coal Co., No. 1 Mine.....	Mill Run	Buckley
"	25—Garrett Coal Co., Inc., Earl No. 2 Mine.....	Vindex	Buckley
"	28—Arnold Coal Co., Roth No. 3 Mine.....	Table Rock	Buckley
"	29—Virts Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	29—Fazenbaker Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	29—T. L. Jones Coal Co., Jones Mine.....	Friendsville	Rowe
"	29—Harry Sausman, Sausman Mine.....	Friendsville	Rowe
"	29—Weise Coal Co., Nooman Mine.....	Grantsville	Stowell
June	1—Whitehouse Coal Co.	Kitzmiller	Buckley
"	1—B B & K Coal Co., Inc., Dodson No. 3 Mine.....	Shallmar	Buckley
"	4—Pritts Brothers Coal Co., Pee Wee Mine.....	Kitzmiller	Buckley
"	4—Mineral Coal Co., No. 3 Mine.....	Shallmar	Rowe
"	4—Burrell Brothers, Inc., Milt No. 1 Mine.....	Kitzmiller	Buckley
"	11—Myers Coal Co., Susanne No. 1 Mine.....	Deer Park	Buckley
"	11—Paugh Brothers Coal Mine.....	Deer Park	Buckley

**MINE INSPECTIONS
GARRETT COUNTY**

1951

Date	Name of Company and Mine	Location	Inspector
June	12—Virts Coal Co., No. 3 Mine.....	Mt. Zion	Buckley
"	12—Ralph L. Harvey Mine.....	Mt. Zion	Buckley
"	15—Mill Run Geo. Creek Coal Co., No. 1, 2, 3 Mine.....	Mill Run	Buckley
"	18—King Coal Co., No. 3 Mine.....	Deer Park	Buckley
"	19—Tranum Coal Co., Old North America Mine.....	Kitzmilller	Buckley
"	19—Leslie B. Sharpless Coal Co., Rawlings No. 1.....	Kitzmilller	Buckley
"	20—Collins Coal Mine.....	Deer Park	Buckley
"	20—Callis Coal Co., Callis Mine.....	Deer Park	Buckley
"	28—Arnold Coal Co., No. 2 Mine.....	Table Rock	Buckley
"	28—Table Rock Coal Co., No. 2 Mine.....	Table Rock	Buckley
July	2—Upperman Coal Company.....	Deer Park	Buckley
"	20—Sines Coal Co., Shank Mine.....	Deer Park	Buckley
"	25—Mountain Coal Co., No. 1 Mine.....	Deer Park	Buckley
"	30—Paugh & Shank Coal Co., Harvey Mine.....	Mt. Zion	Buckley
"	30—Ralph Harvey Mine.....	Mt. Zion	Buckley
Aug.	1—Koontz Coal Co., Strip Mine.....	Barton	Rowe
"	1—Koontz Coal Co., Swanton No. 3 Mine.....	Barton	Rowe
"	1—Duckworth Coal Co., No. 1 Mine.....	Mt. Zion	Buckley
"	1—Virts Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	2—Virts Coal Co., No. 3 Mine.....	Mt. Zion	Buckley
"	2—Virts Coal Co., No. 4 Mine.....	Walnut Bottom	Buckley
"	8—Fairview Coal Co., Morgort No. 1 Mine.....	Jennings	Buckley
"	9—Weise Fuel Mine.....	Grantsville	Buckley
"	17—P & G Coal Co., Pattison Mine.....	Bloomington	Buckley
"	20—Arnold Coal Co., No. 2 Mine.....	Table Rock	Buckley
"	20—Arnold Coal Co., Roth No. 3 Mine.....	Table Rock	Buckley
"	22—Wilson Brothers Coal Co., Wilson Mine.....	Aarons Run	Buckley
"	22—Nelson & Whetsell Coal Co., Nelson Mine.....	Aarons Run	Buckley
"	22—Fazenbaker Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	23—M & Y Coal Co., No. 1 & No. 2 Mines.....	Bloomington	Rowe
"	23—Ajax Coal Co., No. 4 Mine.....	Mill Run	Buckley
Sept.	5—Klotz Coal Co., Beitzel Mine.....	Bittinger	Stowell
"	6—Gildea Coal Corp., Strip Mine.....	Bittinger	Stowell
"	6—Whitehouse Coal Co.....	Kitzmilller	Buckley
"	7—Garrett Co., Refractories Corp., Strip Mine, Clay.....	Jennings	Stowell
"	7—Mineral Coal Co., Strip Mine.....	Jennings	Stowell
"	11—E. E. Feller Coal Co., Strip Mine.....	Friendsville	Stowell
"	11—Mill Run Geo. Creek Coal Co.....	Mill Run	Buckley
"	12—Dunlo Coal Co., Taylor No. 1 Mine.....	Oakland	Buckley
"	13—Paul Fike, Fike Mine.....	Friendsville	Rowe
"	13—Harry Sausman, Sausman Mine.....	Friendsville	Rowe
"	13—Weise Fuel Co., Weise Mine.....	Grantsville	Stowell
"	13—W. A. Robertson Coal Co., Robertson Mine.....	Bittinger	Stowell
"	14—T. L. Jones Coal Co., Jones Mine.....	Friendsville	Rowe
"	24—Mountain Coal Co., Strip Mine.....	Deer Park	Rowe
"	24—Daugherty Coal Co., Strip Mine.....	Deer Park	Rowe
"	24—Miller Brothers Coal Co., Kinsinger Mine.....	Grantsville	Stowell
"	24—Sines Coal Co., Shank Mine.....	Deer Park	Rowe
"	26—Gildea Coal Co., Strip Mine.....	Bittinger	Stowell
"	26—Roscoe B. Lantz, Mine No. 2.....	Table Rock	Buckley
"	27—Wilburn Coal Co., Wilburn Mine.....	Jennings	Stowell
"	28—Koontz Coal Co., Swanton Strip Mine.....	Barton	Rowe
"	28—Koontz Coal Co., Swanton No. 3 Mine.....	Barton	Rowe
Oct.	8—Mineral Coal Co., Simpson Mine.....	Bittinger	Stowell
"	10—Duckworth Coal Co., Mine No. 1.....	Mt. Zion	Buckley
"	10—Paugh & Shank Coal Co., Old Harvey Mine.....	Mt. Zion	Buckley
"	16—Albert Bowman and Bro., Sloan Mine.....	McHenry	Rowe
"	18—B B & K Coal Co., Inc., Wolf Den No. 1 and 2.....	Shallmar	Buckley
"	18—Freeport Coal Co., Hamill Mine.....	Kitzmilller	Buckley
"	19—Garrett Coal Co., Earl No. 2 Mine.....	Vindex	Buckley
"	22—Paugh Bros., Coal Mine.....	Deer Park	Buckley
"	22—Callis Coal Co., Callis Mine.....	Deer Park	Buckley
"	23—McKenzie Coal Co., H & M No. 1 Mine.....	Jennings	Stowell

MINE INSPECTIONS
GARRETT COUNTY
1951

Date	Name of Company and Mine	Location	Inspector
Oct.	23—Morgan Contracting Co., Shade Hollow Strip.....	Grantsville	Stowell
"	23—Arnold Coal Co., Roth No. 3 Mine.....	Table Rock	Buckley
"	23—Arnold Coal Co., No. 2 Mine.....	Table Rock	Buckley
"	23—Wayne Martin, Strip Mine.....	Table Rock	Buckley
"	24—Virts Coal Co., No. 4 Mine.....	Walnut Bottom	Buckley
"	24—Virts Coal Co., No. 3 Mine.....	Mt. Zion	Buckley
"	31—F. P. Gaither, Pecal Mine.....	Moscow	Rowe
Nov.	2—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmilller	Buckley
"	2—Burrell Bros., Inc., Milt No. 1 Mine.....	Kitzmilller	Buckley
"	5—Kimmell Coal Co., Mine No. 2.....	Deer Park	Buckley
"	5—Sines Coal Co., Old Shank Mine.....	Deer Park	Buckley
"	5—Upperman Coal Co., No. 1 Mine.....	Deer Park	Buckley
"	5—Weise Fuel Mine.....	Grantsville	Stowell
"	6—M & Y Stripping Co., Pattison Mine.....	Bloomington	Rowe
"	6—Leslie B. Sharpless, Rawlings No. 1 Mine.....	Kitzmilller	Buckley
"	6—Tranum Mine, Old North America Mine.....	Kitzmilller	Buckley
"	6—Wilbert Gordon, Roberts Mine.....	Luke	Rowe
"	7—Ralph Harvey Mine.....	Mt. Zion	Buckley
"	7—Fazenbaker Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	8—Wilburn Bros. Coal Co., Old Burnwell Mine.....	Meadow Mt.	Stowell
"	8—King Coal Co., No. 1 Mine.....	Deer Park	Buckley
"	8—Myers Coal Co., Susanne No. 1 Mine.....	Deer Park	Buckley
"	8—Daugherty Coal Co., Harvey No. 2 Mine.....	Deer Park	Buckley
"	9—J. W. Tasker, Old Monroe Mine.....	Swanton	Buckley
"	9—Virts Coal Co., No. 2 Mine.....	Mt. Zion	Buckley
"	13—James Cover, Cover Mine.....	Friendsville	Rowe
"	13—Mineral Coal Co., Strip Mine.....	Jennings	Stowell
"	13—Roscoe B. Lantz, Table Rock No. 2 Mine.....	Table Rock	Buckley
"	13—Harry Sausman & Son, Sausman Mine.....	Friendsville	Rowe
"	14—Carr & Glotfelty, White Rock Mine.....	White Rock	Rowe
"	14—Collins Coal Co., No. 2 Mine.....	Deer Park	Buckley
"	14—Glover & Schlossnagle, Schlossnagle Mine.....	Friendsville	Rowe
"	14—L. D. Reel Coal Co., No. 1 Mine.....	Steyer	Buckley
"	14—T. L. Jones Coal Co., Jones Mine.....	Friendsville	Rowe
"	15—P & G Coal Co., Pattison Mine.....	Bloomington	Buckley
"	15—Whitehouse Coal Co.....	Kitzmilller	Buckley
"	16—Wilson Bros., Wilson Mine.....	Aarons Run	Buckley
"	16—Nelson Coal Co., Nelson Mine.....	Aarons Run	Buckley
"	19—Bittinger Coal Co., Old Ezra Michael No. 1 Mine.....	Mill Run	Buckley
"	19—Mill Run Geo. Creek Coal Co., No. 3 Mine.....	Mill Run	Buckley
"	28—Freeport Coal Co., Hamill Mine.....	Kitzmilller	Buckley
"	28—Ajax Coal Co., No. 1 Mine.....	Mill Run	Buckley
Dec.	3—Koontz Coal Co., Swanton Strip.....	Barton	Rowe
"	3—Koontz Coal Co., Swanton No. 3 Mine.....	Barton	Rowe
"	3—F. P. Gaither, Pecal Mine.....	Moscow	Rowe
"	7—Beckman Coal Co., Keith Steyer Mine.....	Mt. Lake Park	Buckley
"	10—T. J. Cramblett Coal Co., Cramblett No. 2 Mine.....	Meadow Mountain	Stowell
"	12—B B & K Coal Co., Wolf Den No. 1 and No. 2.....	Shallmar	Buckley
"	13—Miller Bros. Coal Co., Kinsinger Mine.....	Grantsville	Stowell
"	13—Fairview Coal Corp., Fairview No. 3 Mine.....	Jennings	Stowell

ROOF BOLTING

During the year 1951, several of the Mine Inspectors suggested that the method of Roof Bolting would be applicable to the conditions found in the Fire Clay Mines. This method instead of using timber to support the roof suspends the roof on bolts which have been drilled into it.

After preliminary investigations and consultations with the U. S. Bureau of Mines and the Maryland Bureau of Mines, and visits to mines where this system was being used, the Big Savage Refractories Corporation decided to put it into use.

In this method, a hole one inch in diameter is drilled about five feet into the roof. The bolt is about five feet long of one inch round steel, which is threaded on the bottom and slotted at the top in which a wedge about seven inches long is fitted. The bolt is inserted in the hole until contact is made at the end of the hole. Then a pneumatic hammer is used to force the wedge down in the bolt anchoring it permanently. On the protruding end, a plate is placed and a nut is tightened with a pneumatic impact wrench.

This method of roof support eliminates the timbers which are heavy and cumbersome to handle and which occasionally become dislodged and must be replaced after a few years due to disintegration or breakage. This also eliminates the obstruction in the entries.

To date, the results have been entirely satisfactory. The system depends a great deal on the men doing the work. The men doing the bolting at the Big Savage Mine were thoroughly trained under the supervision of Mr. Arthur Metcalfe, U. S. Bureau of Mines' Consultant, Fairmont, West Virginia.



Big Savage Refractories Corporation—Section showing old method of timbering



Big Savage Refractories Corporation—Section showing new method of Roof Bolting



Left to Right—Bottom Row are Chester Evans and Lee Hartman. Standing are Team Capt. Carl Schell, Richard Sherwood, Jr., Mervin Sims and Carl Paugh.

KITZMILLER MINE RESCUE TEAM ACCLAIMED NATIONAL CHAMPIONS

On October 2, 3 and 4, 1951, a National Mine Rescue Contest was held in Columbus, Ohio. Victor's laurels in the Mine Rescue Contest were won by United Mine Workers of America—District 16 team from Kitzmiller, Maryland. These men were competing with the keenest kind of competition as thirteen other crack mine rescue teams were entered in the contest. The Kitzmiller team outclassed its competition at Columbus, completing the assigned task in 37 minutes, by a margin of 12 minutes over its runner-up rival.

The Kitzmiller team was composed of Captain Carl Schell, Chester Evans, Carl Paugh, Mervin Sims, Lee Hartman and Richard Sherwood, Jr., who all reside in the vicinity of Kitzmiller, Maryland.

The team was jointly financed by District 16, United Mine Workers of America, the Garrett Coal Corporation and the Maryland Bureau of Mines. These men trained for about a year under the tutelage of Mr. F. D. Baker of the U. S. Bureau of Mines, Mr. Harry Buckley of the Maryland Bureau of Mines, and Mr. L. C. Hutson of the University of Maryland.

The victorious team received a large trophy awarded by United Mine Workers of America, a cup donated by "Coal Age" and a large Congressional medallion from the U. S. Bureau of Mines.

SAFETY ORDERS

During the calendar year 1951, four (4) Safety Orders were issued by the District Mine Inspectors of the Bureau of Mines.

On January 11th, a Safety Order was issued by Harry B. Buckley. This order was issued because of a violation of Section 80 of the Mining Laws—"Regulations for Protection of Miners". Also Section 148, "Blasting Practices," was being violated. The mine was closed until these violations were corrected.

The second Safety Order was issued by Edward A. Stowell on January 29th. The following violations were noted: Section 47, "Mine Map Required"; Section 56, "Monthly Report by Operator to Bureau"; Section 77, "Mine Openings and Escapeways"; Section 94 (b), "Regulations on Brakes and Mine Cars"; Section 142, "Fire Prevention and Control"; Section 146, "Underground Transportation"; Section 162, "First Aid Equipment to be Provided. The Safety Order was complied with.

On April 14th, another Safety Order was issued by Edward A. Stowell because of a violation of Section 64, "Duties of Mine Foreman". The Order was complied with.

The fourth Safety Order was issued on December 7th by Harry B. Buckley ordering a mine closed until the numerous violations had been corrected. This mine did not reopen.

PROSECUTIONS

During the calendar year 1951, it was necessary to obtain a Warrant against three individual operators due to their continued violation of the Maryland Mining Laws.

In each case, the sentence was suspended when the operator agreed to comply with the law.

METHOD OF TRANSPORTING COAL

The method of transporting Maryland coal from the mine to the railroad car has changed considerably during the past few years. A large number of mines in Maryland are smaller mines and coal is transported from the mines to central loading points, where the coal is cleaned and sized and made ready for shipment. This method has helped the smaller operator considerably and more of these central loading tipples are expected to be installed from time to time.

LABOR CONDITIONS — 1951

Labor conditions during the year 1951 remained virtually unchanged from 1950. Although there was no suspension of work due to labor trouble, several of the larger operations which suspended work in 1949 due to economic conditions in Western Maryland, were still idle during 1951. This has resulted in Maryland miners going to the other nearby coal-producing States, and many have been obliged to go to other fields of employment.

ACTIVITIES OF RODNEY W. SELDERS—FUEL COMBUSTION ADVISOR FOR THE YEAR 1951

The duties of the Fuel Combustion Advisor consist of advising consumers of Maryland coal on proper methods of combustion and storage of coal and to assist purchasing agents in determining the proper coals and finding a source of supply of this coal for their plants. Another important duty is to assist the producer in problems concerning the sizing and preparation of coal for modern combustion equipment.

These duties take the Fuel Combustion Advisor into all twenty-three counties of Maryland.

In 1951, a number of county Public School Systems were visited to advise on and demonstrate the use of Maryland coal for the

instruction of the janitors, maintenance men and officials of the school system. During this time, Mr. Selders visited county school systems in Allegany, Baltimore, Carroll, Cecil, Garrett, Kent and Washington counties. A number of private industrial organizations were also visited to promote interest in the use of Maryland coals.

During the winter months of 1950-51, Mr. Selders spent four and one-half months in the Baltimore area assisting the State Purchasing Agent with the purchasing of coal; also the complaints involving the use of coal. During this time, Mr. Selders visited the twenty-eight state owned institutions that use coal for fuel and many were visited two or more times as problems would arise concerning combustion, storage or complaints arising from the quality of the coal.

Any complaint was investigated to determine if the trouble was in bad combustion practices, mechanical mal-function or caused by the coal. If it was determined that the quality of the coal was at fault, a sample was obtained by approved methods to ascertain that it would be fair and representative to both the producer and the consumer. The sample was then mailed to an analytical laboratory by Mr. Selders.

In all, thirty-one separate complaints were investigated during the 1951 heating season. Apparently this work has been effective as only seven complaints have arisen over the quality of coal this season.

Another phase of this work is to investigate the source, quality, preparation and sizing of coal offered to the State Purchasing Department and to determine its value as boiler fuel. This involves making evaporation tests at State boiler plants. Approximately five of these tests are made each year.

COAL-TESTING LABORATORY

Through the cooperation of Mr. James G. Rennie, Director of the Department of Budget and Procurement, enough funds were obtained to start a small coal laboratory for the testing of boiler fuels.

This laboratory is located in Westernport at the office of the Bureau of Mines and consists of enough equipment to determine the quantitative amounts of ash, moisture, volatile combustible matter and fixed carbon in coal.

This equipment was purchased with the objective of forming a nucleus for a complete coal laboratory in the future, and the plan is to add another \$1,000 in equipment in the 1952-53 fiscal year.

At present, the laboratory is used to control the quality of coal purchased for the use of the State; however, any Maryland coal producer can submit samples at any time. Mr. Selders works in the laboratory in his spare time when he has no other duties, and there is no fee for this work.

From July 1, 1951, to the end of the calendar year, a total of fifty samples were processed in the laboratory.

REPORT OF VOCATIONAL MINING EDUCATION

School Year, October 2, 1950 — August 10, 1951

L. C. HUTSON

Instructor, Mine Safety Engineering

REPORT OF THE NIGHT MINING CLASSES

The Night Mining Classes opened their sessions October 2, 1950, and closed May 18, 1951.

During the school year, five weekly classes were conducted in Garrett and Allegany Counties.

Organization and Schedule

The Night Mining Classes were organized and conducted at the following points:

Crellin	Monday Night
Frostburg	Tuesday Night
Barton-Bethlehem	Wednesday Night
Finzel	Thursday Night
Kitzmiller	Friday Night

It became necessary on February 28, 1951, to transfer the Barton Class to Bethlehem, at which point the class was conducted for the remainder of the school year.

The above classes met weekly with the exception of holidays for a period of thirty-two weeks.

The subjects studied were as follows:

- Coal Mine Ventilation
- Air Coursing
- Coal Mine Gases
- Flame Safety Lamps
- Map Reading

Duration of class periods were two clock hours each.

CRELLIN CLASS

Number of men enrolled	26
Average age of men	38 years
Average previous educational preparation	7 years
New men enrolled	8

Occupations:

Miners	13
Laborers	8
Mine Foreman	1
Students	1
Office Men	1
Operations	1

FROSTBURG CLASS

Number of men enrolled	19
Average age of men	41 years
Average previous educational preparation	8 years
New men enrolled	6

Occupations:

Miners	5
Operators	11
Mine Foremen	3

BARTON-BETHLEHEM CLASS

Number of men enrolled	39
Average age of men	35 years
Average previous educational preparation	7 years
New men enrolled	27

Occupations:

Miners	14
Laborers	2
Mine Foremen	1
Operators	9
Students	1

FINZEL CLASS

Number of men enrolled	14
Average age of men	41 years
Average previous educational preparation	7 years
New men enrolled	7

Occupations:

Miners	10
Laborers	1
Mine Foremen	3

KITZMILLER CLASS

Number of men enrolled	27
Average age of men	34 years
Average previous educational preparation	9 years
New men enrolled	12

Occupations:

Miners	16
Laborers	1
Mine Foreman	4
Operators	6

Summary

Total number of men enrolled	125
Average weekly attendance (5 Classes)	53
Average weekly attendance (Crellin Class)	11
Average weekly attendance (Frostburg Class)	10
Average weekly attendance (Barton-Bethlehem Class)	11
Average weekly attendance (Finzel Class)	10
Average weekly attendance (Kitzmilller Class)	11
Average age of men enrolled	38 years
Average previous educational preparation	8 years
Attendance of men as compared to enrollment	42%
Number of Americans (Native Born) enrolled	100%
Number of new men enrolled (60)	48%
Miners enrolled (57)	45%
Laborers enrolled (22)	17%
Officials enrolled (12)	9%
Operators enrolled (27)	21%

REPORT ON THE SHORT COURSE IN COAL MINING — 1951

L. C. HUTSON, Director

The twenty-eighth annual Short Course in Coal Mining was held at State Teachers' College, Frostburg, Maryland, beginning June 18, 1951, and ending August 10, 1951.

Instruction was given in the class room for four weeks, five nights per week. Two class room periods were held each night for a duration of one hour each.

Instruction was then given in Gas Testing, Mine Rescue and First Aid for a period of one week each. The instruction period being five nights per week. The duration of each class averaging 3.5 hours.

The course was held by the University of Maryland in cooperation with the Maryland Bureau of Mines, the United States Bureau of Mines, the State Board of Education, and the County Boards of Education of Garrett and Allegany Counties.

Instruction Staff and Subjects

- L. C. Hutson, Instructor, University of Maryland
Explosives—Mine Gases—Mine Ventilation—Flame Safety Lamps—Mine Fires and Explosions.
- Dr. J. J. Rutledge, Consultant, Maryland Bureau of Mines
Mining Methods—Mine Map Reading.
- F. D. Baker, Harry Jones—Federal Mine Inspectors.
- C. J. Rowe, Edward A. Stowell, Harry Buckley—State Mine Inspectors—Gas Testing—Mine Rescue—First Aid.

Schedule of Classes

First Week:

6:00 to 7:00 P. M.—Explosives
7:15 to 8:15 P. M.—Mining Methods

Second Week:

6:00 to 7:00 P. M.—Ventilation
7:15 to 8:15 P. M.—Mining Methods

Third Week:

6:00 to 7:00 P. M.—Safety Lamps
7:15 to 8:15 P. M.—Mine Gases

Fourth Week:

6:00 to 7:00 P. M.—Map Reading
7:15 to 8:15 P. M.—Mine Fires and Explosions

Fifth Week:

6:00 to 8:30 P. M.—Gas Testing

Sixth Week:

6:00 to 10:00 P. M.—Mine Rescue

Seventh Week:

6:00 to 9:00 P. M.—First Aid

As in previous years, the Gas Testing Program was in charge of the United States Bureau of Mines, in cooperation with the Maryland Bureau of Mines. Practice testing was given, followed by supervised and recorded tests for each individual student.

These tests included testing under variable conditions by the use of the Flame Safety Lamp for the presence of inflammable gases and deficiency of oxygen.

Enrollment

Name	Age	Occupation	Employer
William Porter	26	Operator	Self
Carl Baker	33	Clay Miner	Big Savage Refractories
J. E. Croston	50	Operator	Self
Edwin W. Croston	26	Laborer	Croston Coal Co.
Emory E. Chidester	46	Superintendent	Upper Elk & Potomac Co.
James Thompson	50	Operator	Self
George Reuning	27	Ceramics Engineer	Big Savage Refractories
John Hay	28	Ceramics Engineer	Big Savage Refractories
Gerald Harrington	31	Ceramics Engineer	Big Savage Refractories
Robert Burdick	29	Ceramics Engineer	Big Savage Refractories
Robert Metger	30	Engineer	Big Savage Refractories
Gordon Hostetler	31	Clay Miner	Big Savage Refractories
Francis Winebrenner	41	Laborer	Big Savage Refractories
David J. Williams	43	Operator	Self
Salem Loar	52	Mine Foreman	Consolidated Fuel Co.
Charles Seifarth	51	Mine Foreman	Consolidated Fuel Co.
Howard McKenzie	39	Mine Foreman	Fairview Coal Co.
Howard Michael	42	Operator	Self

Summary

The enrollment in the Short Course totaled eighteen.

This course was marked by the relatively large number of fire clay personnel, including ceramic engineers enrolled. One of the engineers enrolled was an exchange student from Scotland.

Another feature was the enrollment of several coal mine operators.

One student traveled a total distance of thirty miles each day after work to attend the course.

Summary of the Night Mining Class and The Short Course in Coal Mining

Total number of men enrolled.....	143
Average weekly attendance, Night Mining Classes	53
Average weekly attendance, Short Course in Coal Mining	56
Number of Night Mining Classes held	149
Number of Short Course classes held	55
Total attendance Night Mining Classes	1609
Total attendance Short Course Classes	619
Combined attendance	2228
Total number of classes held	204
Average attendance of each class held	10.9

Conclusion

The school year just completed was marked chiefly by the decline in enrollment and attendance as compared to that of last year. This was not unexpected for various adverse factors could be clearly seen in advance. One of these was the decrease of the number of larger operations and the consequent dispersal of mine workers over a larger area, which in turn made it difficult to get large groups of men together to form classes

It has always been the case that this program will always follow the trend of the coal business. When employment is up and business good, enrollment and attendance are also up. When the business curve dips downward, so does this program.

If we measure the results of this program over the twenty-eight years of existence, it is not hard to believe that it has played a very definite part in the well being of the miners of Maryland as to their safety, health and efficiency during that period.