

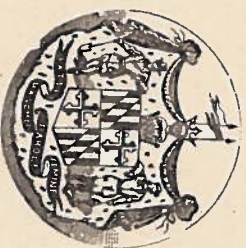
ANNUAL REPORT  
OF THE  
MINING INSPECTOR

OF THE  
STATE OF MARYLAND

Under the Supervision of the State Board of Labor and Statistics

CHAS. J. FOX, Chairman

From May 1st, 1921, to May 1st, 1922



TO

HON. ALBERT C. RITCHIE  
GOVERNOR OF MARYLAND

Compliments of FRANK T. POWERS  
State Mine Inspector



King Bros., Inc., Printers,  
208 N. Calvert Street,  
Baltimore, Md.

**REPORT OF STATE MINE INSPECTOR.**

*To His Excellency,*

HON. ALBERT C. RITCHIE,

*Governor of Maryland:*

Sir—The report herewith submitted is for the period from May 1, 1921, to May 1, 1922, being my third annual report, which embraces the Forty-sixth Annual Report upon the conditions of the coal and clay mines within the State.

The report from the various mining operations throughout the State show the tonnage to be as follows:

Clay and Coal Production.		
	1921.	1922.
Pick . . . . .	3,041,980	1,464,677.7
Machine . . . . .	487,173	223,417.4
Total . . . . .	3,479,153	1,688,095.1

The above show a decrease of 1,791,057.9 tons during the year 1922.

**COAL PRODUCTION, ALLEGANY COUNTY.**

During the year ending May 1, 1922, Allegany County employed 2,214 miners, 213 drivers, 472 outside laborers, and 521 inside laborers, making a total of 3,420 men, a decrease of 793 men compared with the previous year.

The production of coal for Allegany County for the year ending May 1, 1922, was 1,328,669.7 tons, showing a decrease of 1,306,695.3 tons over 1921. It also shows a production of 600.01 tons for each miner employed during the year 1922.

**COAL PRODUCTION, GARRETT COUNTY.**

During the year ending May 1, 1922, Garrett County employed 757 miners, 73 drivers, 161 outside laborers and 131 inside laborers, making a total of 1,122 men, which is a decrease of 204 men compared with the previous year.

**LETTER OF TRANSMITTAL.**

*To His Excellency,*

HON. ALBERT C. RITCHIE,

*Governor of Maryland:*

Sir—I have the honor to submit herewith my Third Annual Report as State Mine Inspector for Allegany and Garrett Counties for the period from May 1, 1921, to May 1, 1922, in compliance with the requirements of the Mining Laws of the State of Maryland.

Respectfully yours,

FRANK T. POWERS,

*Mining Inspector.*



The production of coal for Garrett County for the year ending May 1, 1922, was 841,076.7 tons, which is a decrease of 447,992.3 tons over 1921. It also shows a production of 450.5 tons for each miner employed during the year 1922.

**FIRE CLAY PRODUCTION.**

During the year ending May 1, 1922, the clay mines in Allegany County employed 52 miners, 10 drivers, 35 inside employes and 47 outside employes, making a total of 144 men, showing a decrease of 5 men, compared with the previous year.

The production of clay for Allegany County for 1922 was 18,348.7 tons, showing a decrease of 36,370.3 tons over 1921. It also shows a production of 352.8 tons of clay for each miner employed during the year 1922.

**TONNAGE PER FATALITY.**

In Allegany County for the year 1921-1922 there was 326,673.8 tons of coal produced for each fatal accident, while in Garrett County for the same year there was 341,076.7 tons of coal produced for each fatal accident.

**MARYLAND MINE INSPECTORS.**

PETER CAIN, From May, 1874, to May, 1876.	JAMES P. CARROLL, From May, 1900, to May, 1904.
OWEN RIORDAN, From May, 1876, to May, 1880.	THOMAS MURPHY, From May, 1904, to May, 1908.
THOMAS BROWN, From May, 1880, to May, 1884.	JOHN H. DONAHUE, From May, 1908, to May, 1912.
DENNIS SHERIDAN, From May, 1884, to May, 1886.	WILLIAM WALTERS, From May, 1912, to May, 1916.
CHARLES H. HAMILL, From Sept., 1886, to May, 1888.	JOHN L. CASEY, From May, 1916, to March, 1918.
R. T. BROWNING, From May, 1888, to May, 1892.	JOHN POWERS, From April, 1918, to June, 1918.
F. J. McMAHON, From May, 1892, to May, 1896.	FRANK POWERS, From June, 1918, to Sept., 1918.
OTTO HOHING, From May, 1896, to May, 1898.	LAWRENCE DUNN, From Sept., 1918, to Aug., 1919.
ALEXANDER RANKIN, From May, 1898, to May, 1900.	FRANK POWERS, From Aug., 1919, to May, 1922.

**SCALE OF WAGES IN THE GEORGE'S CREEK FIELD FROM MAY 1, 1880, TO MAY 1, 1922.**

	Per Gross Tons Picked.
May 1, 1880.....	\$0.65
June 1, 1882.....	.50
December 1, 1884.....	.40
March 1, 1887.....	.50
April 1, 1894.....	.40
April 1, 1896.....	.55
April 1, 1900.....	.45
April 1, 1903.....	.65
April 6, 1904.....	.60
April 1, 1910.....	.63
April 1, 1912.....	.65½
January 15, 1916.....	.68
October 16, 1916.....	.75
March 1, 1917.....	.85
May 1, 1917.....	.93½
November 1, 1917.....	1.047
November 1, 1919.....	1.194
April 1, 1920.....	1.31½

**LABOR CONDITIONS.**

I am very sorry to have to report that during the year of 1921-1922 that there was one serious strike in Allegany and Garrett Counties, affecting all of the coal companies in the State. The date of suspension and resumption of work is listed as below:

Date of Suspension.	Date of Resumption.
April 1st, 1922.	



MINES NOT OPERATING DURING THE YEAR MAY 1, 1921-22.

ALLEGANY COUNTY.

Name of Company.	Name of Mine.	Location.
Miller & Greene Coal Co.	No. 1	Westernport, Md.
Prosburn Big Vein Coal Co.	No. 1	Zihlman, Md.
Caledonia Coal Co.	Bakerstown.	Barton, Md.
McKee Coal Co.	No. 1	Lonacohing, Md.
Mt. Savage-George's Creek Coal Co.	No. 2	George's Creek, Md.
Annan & Jeffries.	No. 2	Zihlman, Md.
Chair Coal Co., Inc.	No. 7	Westernport, Md.
Hampshire Big Vein Coal Co.	Freeport	Reynolds, Md.
Cumberland Big Vein Coal Co.	Bakerstown	Eckhart, Md.
Phoenix and George's Creek Coal Co.	No. 1	Franklin, Md.

GARRETT COUNTY.

Name of Company.	Name of Mine.	Location.
Potomac Valley Coal Co.	Peerless	Kitzmiller, Md.
U. M. Stanton.	Stanton	Jennings, Md.
Taylor-O'Hutt Coal Co., Inc.	Offutt	Crellin, Md.
Dahlgreen Coal Co.	No. 1	Jennings, Md.
Manor Coal Co.	Clarion	Vindex, Md.
G. C. Pattison.	No. 1	Bloomington, Md.
Bloomington Coal Co.		Bloomington, Md.
Aberdeen Coal Co.	Steyer	Steyer, Md.
Cass Coal Co.	No. 1	Crellin, Md.
Harvey Hutchison	No. 1	Crellin, Md.
Browning Coal Co.	No. 1	Crellin, Md.
Yough Coal Co.	No. 1	Crellin, Md.

MINE INSPECTOR'S ANNUAL REPORT, 1921-1922  
TABLE OF MINE INSPECTIONS.

Date.	Name of Company and Mine.	Where Located.
1921.		
May 2-3-4-5-6	Davis Coal & Coke Co., No. 12	Kepton, W. Va. Md.
9	In Office	
9	Coramand Coal Co.	Lonacohing
10	McNitt Coal Co., No. 2	Middleham
11	McNitt Coal Co., No. 2	Middleham
12	Office	
13	Mt. Savage Mining Co.	Mt. Savage
14	W. Va. Pulp and Paper Co., No. 1	Lake
16	W. Va. Pulp and Paper Co., No. 2	Lake
17	Consolidation Coal Co., No. 13	Prosburn
18	Strathmore Coal Co.	German
19	Garrett County Coal M. Co., No. 1	Prosburn
20	Garrett County Coal M. Co., No. 1	Prosburn
21	George's Creek Coal M. Co.	Dodson
28	Consolidation Coal Co., No. 13	Lonacohing
28	Consolidation Coal Co., No. 9	Prosburn, Md
25	Consolidation Coal Co., No. 9	Prosburn
26	Consolidation Coal Co., No. 9	Prosburn
27	Consolidation Coal Co., No. 4	Eckhart
28	Consolidation Coal Co., No. 4	Eckhart
31	George's Creek Coal Co., No. 6	Charles Junction
1	Manor Coal Co., No. 1	Lonacohing
2	Wolf Den Coal Co., No. 1	Index
6	Maryland Coal Co., Nos. 2, 1	Shallmar
7-8	Maryland Coal Co., Wyanburg	Lonacohing
9-10	Maryland Coal Co., Tyson	Lonacohing
11	Office	Brown's Shaft
13	Office	
14-15	Consolidation Coal Co., No. 10	Eckhart
16-17	Consolidation Coal Co., No. 11	Shart
18	Piedmont & George's Creek Coal Co.	Holtman
20	Old Galony Coal Co., No. 3	Westerman
21	George's Creek Coal Co., No. 1	Moscow
22	North Maryland Coal Co.	Lonacohing
23-24	Office	Mortel
25	Big Savage Fire Brick Co.	Zihlman
27	Piedmont & George's Creek	Gannons
28	Piedmont & George's Creek	Bekhart
30	Piedmont & George's Creek	Bekhart
1	Office clerk hire.	Prosburn
2	Consolidation Coal Co., No. 11	Prosburn
6	Mt. Savage Mining Co.	Prosburn
7	Consolidation Coal Co., No. 10	Prosburn
8	Mt. Savage Mining Co.	Prosburn
9	Bangham and Green Co.	Prosburn
11	Caledonia Coal Co.	Prosburn
13	Hoffa Bros. Coal Co.	Prosburn
14	Office	Prosburn
15-16	Consolidation Coal Co., No. 1	Prosburn
17	Westernport Coal Co.	Prosburn
19	George's Creek & Phoenix	Prosburn
20	Hoffa Bros. Coal Co.	Prosburn
21-22	Consolidation Coal Co., No. 12	Prosburn
23	Mt. Savage Mining Co.	Prosburn
25	Consolidation Coal Co., No. 6	Prosburn
26	W. Va. Pulp & Paper Co.	Prosburn
27	Consolidation Coal Co., No. 13	Prosburn
28	Sullivan Bros. Coal Co.	Prosburn
29	Prosburn	Prosburn
30	Prosburn	Prosburn
1	Prosburn	Prosburn
2	Prosburn	Prosburn
3	Prosburn	Prosburn
4	Prosburn	Prosburn
5	Prosburn	Prosburn



TABLE OF MINE INSPECTIONS—Continued.

Date.	Name of Company and Mine.	Where Located.
Aug. 1921	Trout Coal Co.	Yinder
6	Consolidation Coal Co.	Lord
8	Wolf Den Coal Co.	Harrison, W. Va.
9	Garratt Co. Coal Mining Co.	Doddson
10	Piedmont & George's Creek	Gannons
11	Morgart Coal Co.	Grantsville
12	Office	
13	George's Creek Coal Mining Co.	Lonsconing
15	George's Creek Coal Mining Co., Big Vein	Barlow
16	George's Creek Coal Co., Inc. No. 1	Lonsconing
17	McNitt Coal Co., No. 2	Middletown
18	Brophy & Hitchins Coal Co., No. 1	Middletown
19	Office	
20	George's Creek Coal Mining Co., No. 1	Lonsconing
22	Potomac & Cumberland Coal Co.	Mr. Savage
23	Proctor Coal Mining Co.	Mr. Savage
24	Millman Bros. Coal Co., No. 1	Beckhart
25	Andrew Ramsay Fire Clay Co.	Mr. Savage
26	Office	
27	Mevers Coal Co.	Grantsville
29	Consolidation Coal Co., No. 11	Zibman
30	Blocker Coal Co.	Grantsville
31	Brophy & Hitchins Coal Co., No. 1	Middletown
1	Adams Coal Co.	Middletown
2	Office	
3	Bloomington Coal Co., No. 1	Bloomington
6	Hampshire Big Vein Co.	Reynolds
7	Potomac & Cumberland	Mr. Savage
8	Miller & Green Coal Co.	Westport
9	Galadonia Coal Co.	Barlow
10	Brophy & Hitchins Coal Co., No. 1	Middletown
12	G. C. Patton	Bloomington
13	P. J. Ross Coal Co.	Bloomington
14	Miller & Green Coal Co.	Westport
15	Hampshire Coal Co.	Reynolds
16	Hampshire Coal Co.	Westport
17	Alegany Coal Co.	Westport
19	Office	
20-21	Consolidation Coal Co., No. 3	Hoffman
22	Potomac V. Coal Co.	Blaine
23	Potomac V. Coal Co.	Brown Shaft
24	Consolidation Coal Co., No. 16	Barlow
26	George's Creek Coal Co., No. 1	Barlow
27	G. J. Rowe Coal Co., Inc.	Barrelville
28	Mr. Savage & George's Creek Co.	Barrelville
29	Porter Brothers	Eckhart
30	Savage Monarchs Pipe Brick Co.	Prosborg
1	Office	
3-4	Consolidation Coal Co., No. 4	Eckhart
5	Consolidation Coal Co., No. 9	Zibman
6	Morgart Coal Mining Co.	Jennings
7	Attending Court	Cumberland
8	Office	
10	Middletown Coal Co.	Middletown
11	George's Creek Coal Co.	Lonsconing
12	Myers Coal Co.	Grantsville
14-14	Berks Coal & Coke Co., No. 12	Kempson
15	McNitt Coal Co., No. 2	Middletown
17-18	Piedmont & George's Creek, No. 1	Middletown
19	Adams Coal Co.	Middletown
20-21	Piedmont & George's Creek, No. 5	Westport
22	Chair Coal Co.	Westport
23	Hoffa Bros. Coal Co.	Barlow
24	Mr. Coal Mining Co.	Barlow
26	Old Colony Coal Co.	Moscow
27	Maryland Coal Co., No. 1	Moscow
28	United Big Vein	Mr. Savage
29	Office	
31	Prime Hill Coal Co.	Gilmore

TABLE OF MINE INSPECTIONS—Continued.

Date.	Name of Company and Mine.	Where Located.
Nov. 1921	George's Creek Coal Co., Inc. No. 1	Lonsconing
1-2	Testing Station—Piedmont & Geo. Cr. Coal Co.	Middletown
3	Testing Station—Mr. Savage Mining Co.	Mr. Savage
4	George's Creek Clean Coal Co.	Barlow
5	Galadonia Coal Co.	Barlow
7	Union Mining Co.	Barlow
8	Big Savage Pipe Clay	Barlow
9	Office	
10	Alegany Big Vein	Union, Mr. Savage
11	Consolidation Coal Co., No. 13	Zibman
12	Consolidation Coal Co., No. 9	Prosborg
14	Office	
15	Savage Mr. Fire Brick Co.	Number Nine
16	Consolidation Coal Co., No. 13	Prosborg
17	G. J. Rowe, Inc.	Hartsville
18	United Big Vein Coal Co.	Mr. Savage
19	Mr. Savage Mining Co.	Mr. Savage
21-22	George's Creek Coal Co.	Lonsconing
23	Consolidation Coal Co., No. 1	Middletown
25	Stanton & George's Creek Coal Co.	Midland
26	Consolidation Coal Co., No. 1	Charysville
28	Hampshire Coal Co., No. 1	Midland
29	Hampshire Coal Co., No. 2	Barlow
30	Consolidation Coal Co., No. 12	Barlow
1	Yough Coal Co.	Shaft
2	Pendergast & Ashby	Crellen
3	Office	
4	Attending Court	Outland
6	Prosborg Big Vein Co.	Prosborg
7	W. O. Workman Co.	Zibman
8	Alegany Big Vein Co.	Moranown
9-10	Consolidation Coal Co., No. 10	Eckhart
12	George's Creek Coal Co., No. 11	Shaft
14-14	Maryland Coal Co. Big Vein	Lonsconing
15	McKee Coal Co., No. 1	Lonsconing
16	George's Creek Coal Mining Co.	Lonsconing
17	Prime Hill Coal Co.	Barlow
19	G. C. Patton	Barlow
20	W. Va. Pulp & Paper Co.	Lonsconing
21	Bloomington Coal Co.	Lube
22	Bloomington Coal Co.	Bloomington
23	Office	
25	Alegany Coal Co.	Westport
27	Piedmont & George's Creek, No. 5	Gannons
28-29	Westport Coal Co.	Gannons
30	Prosborg & George's Creek	Prosborg
31	Office	
1922		
1	W. D. Althouse Co.	German
3	Manor Coal Co., No. 1	Vinder
4	Prosborg Big Vein	Zibman
5	Big Savage Pipe Brick	Zibman
6	Millman Bros. Co.	Zibman
7	Consolidation Coal Co., No. 9	Prosborg
9	Consolidation Coal Co., No. 9	Prosborg
10	W. Va. Pulp & Paper Co., No. 2	Grantsville
11	W. Va. Pulp & Paper Co., No. 2	Larke
12	Mr. Savage & George's Creek Co.	Mr. Savage
13	Potomac & Cumberland Co.	Barlow
14	Brophy Mining Co.	Barlow
16	Mr. Savage Ethel Co.	Barlow
17	Office	
18	Alegany Big Vein Coal Co.	Mr. Savage
19	Before Mining Commission	Mr. Savage
20-21	P. J. Ross Coal Co.	Zibman
22	George's Creek Clean Coal Co.	Cumberland
23	Consolidation Coal Co., No. 11	Barlow
24	Alegany Coal Co.	Barlow
25	Manor Coal Co., No. 1	Barlow
26	Office	
27-28	Manor Coal Co., No. 1	Vinder



TABLE OF MINE INSPECTIONS—Concluded.

Date.	Name of Company and Mine.	Where Located.
1922	Potomac Valley Coal Co.	Kitzmiller
Feb. 30-31	Storgart Mt. Mine Corporation	Spranville
1	Savage Mt. Fire Brick Co.	Prossburg
2	Union Mining Co.	Mt. Savage
3	Office	Barton
4	Chapman Coal Co.	Barton
6	Moscow & George's Creek Co.	Moscow
7	Old Colony Coal Co.	Moscow
8	Maryland Coal Co., No. 4	Lanncouling
9	George's Creek Coal Co., No. 4	Pekahart
10	Office	Hoffman
11	Consolidation Coal Co., No. 10	Charles Junction
13	Consolidation Coal Co., No. 9	Prossburg
14	Consolidation Coal Co., No. 7	Vindex
15	Consolidation Coal Co., No. 11	Key holds
16	Consolidation Coal Co.	Keyholds
17	Standard Coal Co.	Lanncouling
18	Office	Grantville
20	Hampshire Coal Co., No. 2	Westonport
20	Hampshire Coal Co., No. 1	Westonport
21	Ohio Coal Co.	Shoart
23-24	Ohio Coal Co.	Hartford, W. Va.
25	Meyer Coal Co.	Lanncouling
27	Westernport Coal Co.	Moscow
28	Miller & Green Coal Co.	Barton
1	Consolidation Coal Co., No. 12	Lanncouling
2	Himberd Coal Mining Co.	Moscow
3	Office	Barton
4	George's Creek Coal Co., No. 2	Lanncouling
6	Maryland Coal Co., No. 4	Barton
7	Hoffa Bros. Coal Co.	Lanncouling
8	George's Creek Coal Co., No. 1	Mt. Savage
9	Branter Mining Co.	Barton
10	Hoffa & Porter Coal Co.	Barton
11	Pestig Seales—Hoffa & Porter Coal Co.	Lanncouling
13	W. D. Allhouse Coal Co.	Lanncouling
14	Price Coal Co.	Lanncouling
15	Lanncouling	Lanncouling
16	Hannell Coal & Coke Co., Nos. 1 and 2	Kizmiller
17	Hannell Coal & Coke Co., Prossport	Kizmiller
10	Union Mining Co., Fire Clay	Mt. Savage
11	Savage Mt. Fire Brick Co.	Prossburg
11	The Savage Fire Brick Co.	Zehmann
12	The Savage Fire Brick Co.	Zehmann



FATAL ACCIDENTS FOR

Date.	Name of Company.	Name of Person Injured.	Occupation.	Age.
1921. Oct. 13, 21	Urd. Big Vein Coal Co.	Carl Trimble	Miner	28
Nov. 15, 21	Pied. & Gro. C. C. Co.	Leo Condry	Miner	25
Sept. 8, 21	Pied. & Con. Coal Co.	Pied. Mitchell	Machine Runner	23
June 19, 21	Pied. & Gro. C. C. Co.	Domonic Carino	Labourer	32

FATAL ACCIDENTS FOR

Date.	Name of Company.	Name of Person Injured.	Occupation.	Age.
1921. Sept. 17, 21	Davis C. & C. Co.	Jas. Winchener	Miner	37

ALLEGANY COUNTY, 1921-1922.

Married or Single.	No. in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Single	..	American	Mr. Savage	Fall of small amount of roof slate knocked him unconscious and was strangled to death by clothing.
Married	2	American	Eckhart, Md.	Was caught under a fall of rock while loading coal, fracturing his skull and resulting in death within a half hour after accident.
Single	..	American	.....	Large amount of coal and rock fell on him, fracturing skull and otherwise injuring him.
Married	..	Italian	Fredmont, W. Va.	Was caught under a fall of draw slate, causing his immediate death.

GARRETT COUNTY, 1921-1922.

Married or Single	No. in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Married	5	American	Kempson, W. Va.	Was riding motor following trip out; trips broke into on hill and loaded cars came back and ran into the motor he was riding. Puncture of left high brakes of left knee and internal injuries. Died at Allegheny Heights Hospital, Davis, W. Va., Sept. 20, 1921.

## FATAL ACCIDENTS.

## ALLEGANY COUNTY.

On the 28th day of October, 1921, Mr. Carl Trimble, a miner employed by the United Big Vein Coal Co., at Mt. Savage, Md., was killed by a fall of draw rock. He was working in No. R. room, in 3, right heading of Mine No. 1.

Mr. Trimble was working by himself at the time of the accident and was last seen by the driver when he placed him empty cars at 1.30 P. M. At 3.30 P. M. the driver went to gather his loads and found him buried under a fall of rock, weighing about seven hundred pounds. The condition of the place in which he was killed was very bad, timbering being neglected.

Time of Accident—3.30 P. M. October 27th, 1921.

Time of Inspection—8.30 A. M. October 28th, 1921.

Nationality—American. Occupation—Miner. Age—30.

Single. Accompanied by Mr. John Henaghan, Mine Foreman.

On November 15th, 1921, Leo Condry, a miner working for the Piedmont and George's Creek Coal Co., in No. 2, mine at Eckhart, was instantly killed by a fall of roof rock. Mr. Condry was working in No. 1 room, in 2nd, west heading, with Mr. Harry Sites, when a large horseback slip, fell without warning, crushing the unfortunate man beneath it.

Time of Accident—1.30 P. M.

Time of Inspection—2.30 P. M.

Nationality—American. Age—24. Married—Yes. Sur-

vived by wife and one child.

Accompanied by Mine Foreman Oscar Huber, and EHI McKenzie, A. Lemmart.

On Thursday, September 8th, 1921, Mr. Fred Michaels, employed as machine runner in Mine No. 2, of the Potomac & Cumberland Coal Co., was instantly killed by a fall of rock. Mr. Michaels was engaged in cutting his place and removed a prop in order that the machine might cut the left-hand side and failed to put a temporary prop to the roof which was very bad. They had completed cutting the place and was about to remove the machine when a large amount of rock fell, fracturing his skull and otherwise injuring him.

Time of Accident—2.30 P. M., September 8th, 1921.

Time of Inspection—3.15 P. M., September 8th, 1921.

Nationality—American. Occupation—Laborer. Single.

Age—28.

Accompanied by Supt. Morgan and Mine Foreman Williams.



Dominac Cantino, a laborer employed by the Piedmont and George's Creek Coal Co., in Mine No. 1, at Westport, was instantly killed while making clearance room for a lye at 7th, right heading. He was working with Mr. Lawrence McKenzie and Chris. Fear and had just loaded a car. They told Cantino to stay out from under the rock while they were switching a car and when they came back Mr. Cantino was under a piece of rock measuring 5 feet long, 3 feet wide and 21 inches thick.

Time of Accident—1:30 A. M., June 19th, 1921.  
 Time of Inspection—8 A. M., June 20th, 1921.  
 Accompanied by Supt. O'Rourke and Mine Foreman  
 Faherty and Jackson.  
 Married and is survived by his wife and four small children.

#### GARRETT COUNTY.

On the 17th day of September, 1921, Mr. James Winebrenner, a laborer employed by the Davis Coal & Coke Co., in No. 42 Mine, located at Kempton, Garrett County, was fatally injured. He was riding motor following trip out; the trip on the hill broke loose and the loaded cars came back and ran into the motor he was riding. He went to jump off the motor and slipped, falling. The motor dragged him some distance, causing puncture of left thigh, bruises of the left knee, and internal injuries. He was taken to the Allegheny Heights Hospital, Davis, W. Va., where he died September 19th, 1921.

The accident happened on Main-B. Heading at the far end of the B-3, empty chute.

*Taken from Company's inspector's report.*







**NAMES OF GENERAL MANAGERS, SUPERINTENDENTS**

Name of Company.	Mine.	General Manager.
Middletown Coal Co.	Middletown	Carl G. Tucker
Morland Coal Company	Big Vein	Elkins Read
Morland Coal Company	Tyson	Elkins Read
Morland Coal Company	Maryland No. 4	Elkins Read
R. J. Ross Coal Mines, Inc.	Nos. 1 and 3	L. R. Knight
Westport Coal Company	No. 2	L. R. Knight
Mt. Savage Mining Company	No. 1	Michael Thomas Dally
Prosburn Mining Co.	Liberty	B. H. Hyatt
Storv & Stapleton Coal Co.	Spartes	Frank H. Spates
Sullivan Bros. Coal Co.	No. 1	John Stapleton
Sullivan Bros. Coal Co.	No. 2	John Sullivan
		John A. Sullivan

**NAME OF GENERAL MANAGER, SUPERINTENDENT**

Name of Company.	Mine	General Manager.
Union Mining Co.	Nos. 5 and 6	Van Lear Black
Andrew Ramsay Company	Pennsylvania	Andrew Ramsay
Savage Mountain Fire Brick Company	No. 5	John A. Caldwell
Big Savage Fire Brick Co.	No. 1	D. Armstrong

**AND FOREMEN OF ALLEGANY COUNTY, 1921-1922—Cont'd.**

Superintendent.	Mine Foreman.
Wm. Walters	Wm. Walters
Elkins Read	Robert Merrimugh
Elkins Read	Polk Poole
Elkins Read	Dudley Burns
L. R. Knight	J. P. Guy
L. R. Knight	Michael T. Dally
Michael Thomas Dally	Joseph Jenkins
B. H. Hyatt	John P. Barry
Frank H. Spates	Edward D. Hyman
John Stapleton	
John Sullivan	
John A. Sullivan	

**AND FOREMAN OF CLAY MINES, 1921-1922.**

Superintendent.	Mine Foreman.
S. J. Aldon	Joseph Finzel
Hugh Stevenson	Henry Lowery
G. A. Shuckhart	Chas. Wolfe
Clarence Raley	Clarence Raley

**NAMES OF GENERAL MANAGERS, SUPERINTENDENTS**

Name of Company.	Mine.	General Manager.
Middlebhan Coal Co.	Middlebhan	Carl G. Tizard
Maryland Coal Company	Big Vein	Elkins Read
Maryland Coal Company	Tyson	Elkins Read
Maryland Coal Company	Maryland No. 4	Elkins Read
R. J. Ross Coal Mines, Inc.	No. 1 and 3	L. R. Knight
R. J. Ross Coal Mines, Inc.	No. 2	L. R. Knight
Westport Coal Company	No. 1	Michael Thomas Daily
Westport Coal Company	No. 1	B. H. Bays
President Mining Co.	Liberty	Frank H. Spates
Hoover & Stapleton Coal Co.	Spates	John Stapleton
Sullivan Bros. Coal Co.	No. 1	John Sullivan
Sullivan Bros. Coal Co.	No. 2	John A. Sullivan

**NAME OF GENERAL MANAGER, SUPERINTENDENT**

Name of Company.	Mine	General Manager.
Union Mining Co.	No. 5 and 6	Van Lear Black
Andrew Ramsay Company	Pennsylvania	Andrew Ramsay
Savage Mountain Fire Brick Company	No. 5	John A. Caldwell
Big Savage Fire Brick Co.	No. 1	D. Armstrong

**AND FOREMEN OF ALLEGANY COUNTY, 1921-1922—Cont'd.**

Superintendent.	Mine Foreman.
Wm. Walters	Wm. Walters
Elkins Read	Robert Merriamach
Elkins Read	Pelix Fode
Elkins Read	Barley Burns
L. R. Knight	Lawler Evans
L. R. Knight	J. P. Guy
Michael Thomas Daily	Michael T. Daily
B. H. Bays	Joseph Jenkins
Frank H. Spates	John P. Barry
John Stapleton	Bernard D. Hyman
John Sullivan	
John A. Sullivan	

**AND FOREMAN OF CLAY MINES, 1921-1922.**

Superintendent.	Mine Foreman.
S. J. Aldon	Joseph Finzel
Hugh Stevenson	Henry Lowery
G. A. Shuckhart	Chas. Wolfe
Clarence Raley	Clarence Raley



## NAME OF SUPERINTENDENT AND MINE FOREMAN, 1921-1922 FOR GARRETT COUNTY.

Name of Company.	Mine.	Superintendent.	Mine Foreman.
Wolf Den Coal Company, Inc.	Wolf Den	Thomas Griffiths	W. R. Jones
Aberdeen Coal Co.	Steyer	Chas. Ulery	Chas. Ulery
W. A. Price Coal Co.	Caldwell	Roey Butts	Roey Butts
Billmeyer Mine	Billmeyer	Ray Billmeyer	Ray Billmeyer
R. W. Miller	Miller	R. W. Miller	R. W. Miller
Hubbard Coal Mining Co.	Nos. 1 and 7	P. J. Brennan	
Blaine Mining Company	Potomac Manor	George Boyd	G. L. Campbell
Garrett County Coal & Mining Co.	Dodson Nos. 1, 3, 6, 7	Wm. H. Gibson	Robert W. Thomas
The Davis Coal & Coke Company	Kempton No. 42	Walter Iman	T. B. Watkins
Hamill Coal & Coke Company	Hamill	R. A. Smith	W. D. Walker
George Hoover	Hoover	George Hoover	George Hoover
Bloomington Coal Co.	Bloomington	John Libbets	Chas. Warnick
Pendergast & Ashby	Nos. 1 and 2		Everett Casteel
G. O. Pattison		Russell Pattison	Thos. Swan
The Manor Coal Company	Manor No. 1	Stephen Treventon	Stephen Treventon
W. D. Althouse & Co.	Georgian	F. L. Galbraith	H. A. Flanagan
Taylor-Offutt Coal Co.	Offutt	Stephen Treoerton	Robert Tibbets
U. M. Stanton	Stanton	U. M. Stanton	
Myers Coal Co.	Beachy		William P. Baker
Morgart Coal Mining Corporation	Nos. 1, 2, 4	Louis A. Morgart	Robt. J. Kyle
Morgart Coal Mining Corporation	No. 3	Louis A. Morgart	Louis A. Morgart
Trout Coal Co.	Trout	T. H. Wilson	T. H. Wilson
Baum & Yommer	Haudwert		Christ Yommer
C. Earl Stanton		C. Earl Stanton	
McCullough Coal Corporation	McCullough	R. O. McCullough	R. J. Dolan
Potomac Valley Coal Company	Peerless	Otis E. Abernethy	Wm. H. Hartley, Jr.
Potomac Valley Coal Company	Louise	Otis E. Abernethy	Joseph Smigh

## NAMES OF OFFICERS, ALLEGANY COUNTY, 1921-1922.

Name of Company.	Principal Office.	President's Name and Address.	Secretary's Name and Address.
Consolidation Coal Company	67 Wall St., Munson Bldg., New York City	C. W. Watson, 67 Wall St., Munson Bldg., New York City	T. K. Stuart, 67 Wall St., Munson Bldg., New York City.
Potomac & Cumberland Coal Co.	16 Water St., Cumberland, Md.	J. H. Casanova, 1933 Market St., Phila., Pa.	A. M. Thompson, 1933 Mkt. St., Phil., Pa.
Annan & Jeffries	Frostburg, Md.	R. Annan, Frostburg, Md.	C. S. Jeffries, Frostburg, Md.
Adams Coal Co.	Cumberland, Md.		
Mt. Savage-George's Creek Coal Co.	Frostburg, Md.	George Stern, Frostburg, Md.	Wm. M. Farrell, Mt. Savage, Md.
The McKee Coal Co.	Frostburg, Md.	Jonathan Jenkins, Baltimore, Md.	James Jenkins, Frostburg, Md.
The McNitt Coal Co.	Frostburg, Md.	James H. Fuller, Frostburg, Md.	Jonathan Jenkins, Stewart Bldg., Balto., Md.
Cormandel Mining Co.	Piedmont, W. Va.	E. R. Brydon	H. P. Brydon
Pekin Coal Co.	Piedmont, W. Va.	E. R. Brydon	
Caledonia Coal Co.	Piedmont, W. Va.	E. R. Brydon	
C. J. Rowe & Bros.	Meyersdale, Pa.	E. R. Brydon	H. P. Brydon
Frostburg Big Vein Coal Co.	Frostburg, Md.	C. J. Rowe, Frostburg, Md.	Fred E. Rowe, Meyersdale, Pa.
Mt. Savage Fuel Co.	Mt. Savage, Md.	R. Annan, Frostburg, Md.	C. S. Jeffries, Frostburg, Md.
George's Creek Coal Co., Inc.	Cumberland, Md.	Law Barth, Mt. Savage, Md.	Clinton Uhl, Mt. Savage, Md.
Brailer Mining Co.	Mt. Savage, Md.	H. E. Weber, Cumberland, Md.	Carl Hetzel, Cumberland, Md.
The North Md. Coal Mining Co.	Pittsburg, Pa.	George C. Brailer	David Brailer
Miller & Greene Coal Co.	Westernport, Md.	Park J. Alexander, Pittsburg, Pa.	J. Farley Walton, Pittsburg, Pa.
Allegany Coal Company	Franklin, Md.	John P. Miller, Westernport, Md.	J. O. J. Green, Westernport, Md.
Chapman Coal Mining Co.	Baltimore, Md.	Edwin J. Roberts, Westernport, Md.	Eldred Roberts, Westernport, Md.
Porter-Hoffa Coal Co.	Barton, Md.	W. J. Chapman, Sharp and Lombard Sts., Baltimore, Md.	J. L. Chapman, Sharp and Lombard Sts., Baltimore, Md.
George's Creek Clean Coal Co.	Lonaconing, Md.	Oliver T. Porter, Barton, Md.	Arthur P. Hoffa, Barton, Md.
Eagan Mine	Midland, Md.	John B. Williams, Frostburg, Md.	C. B. Hardegen, Lonaconing, Md.
H. G. Evans	Frostburg, Md.	Chas. J. Eagan, Midland, Md.	
Allegany Big Vein Coal Co.	Frostburg, Md.	H. G. Evans, Frostburg, Md.	Ulysses Hanna, Frostburg, Md.
Old Colony Coal Co.	Cumberland, Md.	William R. Gunter, Frostburg, Md.	
Hoffa Bros. Coal Co.	Piedmont, W. Va.	John D. Roberts, Cumberland, Md.	Arthur P. Hoffa, Barton, Md.
C. O. Workman	Frostburg, Md.	Thos. D. Campbell, Piedmont, W. Va.	Blaine Whitz, Cumberland, Md.
Cumberland Big Vein Coal Co.	74 Liberty Trust Bldg., Cumberland, Md.	C. O. Workman, Frostburg, Md.	
West Va. Pulp & Paper Co.	200 Fifth Ave., New York.	L. Lichtenstein, Cumberland, Md.	Chas. Coss, 200 Fifth Ave., N. Y.
Midland Mining Co.	Cumberland, Md.	David L. Luke, 200 Fifth Ave., N. Y.	W. A. S. Somerville, Cumberland, Md.
Moscow-George's Creek Mining Co.	Cumberland, Md.	J. W. P. Somerville, Cumberland, Md.	W. A. S. Somerville, Cumberland, Md.
Robert Harvey & Sons,	Barton, Md.	J. W. P. Somerville, Cumberland, Md.	
Piedmont & Geo. Creek Coal Co.	Frostburg, Md.	Robert Harvey, Barton, Md.	John Keating, Cumberland, Md.
United Big Vein Coal Co.	Meyersdale, Pa.	John S. Brophy, Frostburg, Md.	L. H. Rowe, Meyersdale, Pa.
Vincent Engle & Sons		C. F. Rowe, Meyersdale, Pa.	
George's Creek Coal Mining Co.	408 Frick Bldg., Pittsburg, Pa.	Vincent Engle, Eckhart, Md.	L. A. Quinlivan, 408 Frick Bldg., Pitts., Pa.
Boal & Langham	Barton, Md.	E. S. Reilly, 408 Frick Bldg., Pitts., Pa.	
Robert Griffith Coal Co.	Frostburg, Md.	D. S. Boal, Barton, Md.	
Stanton-George's Creek Coal Co.	Frostburg, Md.	Robert Griffith, Frostburg, Md.	
Hampshire Big Vein Coal Co.	Piedmont, W. Va.	Louis Stanton, Frostburg, Md.	
Chair Coal Co., Inc.	Philadelphia, Pa.		
Midlothian Coal Co.	Cumberland, Md.	V. H. Burtner, Oscola Mills, Pa.	H. L. Burtner, Finance Bldg., Phil., Pa.
Maryland Coal Company	25 Beaver St., New York.	Carl C. Hetzel	
R. J. Ross Coal Mines, Inc.	Westernport, Md.	J. W. Galloway, 25 Beaver St., N. Y.	H. S. Rodgers, 25 Beaver St., New York.
The Sullivan Bros. Coal Co.	Frostburg, Md.	R. J. Ross, Westernport, Md.	W. E. Ambrose, Cumberland, Md.
Westernport Coal Co.	Westernport, Md.	Dennis P. Sullivan, Eckhart Mines, Md.	Wm. J. Sullivan, LaVale, Md.
Mt. Savage Mining Co.	Cumberland, Md.	W. G. Paul, Westernport, Md.	H. P. Whitworth, Westernport, Md.
Frostburg Mining Co.	Frostburg, Md.	B. H. Biays, Cumberland, Md.	J. H. Young, Cumberland, Md.
Storey & Stapleton Coal Co.		Glenn Beall, Frostburg, Md.	



## NAMES OF OFFICERS, GARRETT COUNTY MINES, 1921-1922.

Name of Company.	Principal Office.	President's Name and Address.	Secretary's Name and Address.
Wolf Den Coal Co., Inc. Aberdeen Coal Company W. A. Price Coal Co. Billmeyer R. W. Miller Hubbard Coal Mining Co. Blaine Mining Company Garrett County Coal & Mining Co. The Davis Coal & Coke Co. Hamill Coal & Coke Co. George Hoover Bloomington Coal Co. Pendergast & Ashby G. C. Pattison The Manor Coal Co. W. D. Althouse & Co. Taylor-Offutt Coal Co. U. M. Stanton Myers Coal Co. Morgart Coal Mining Cor. Trout Coal Co. Baum & Yommer C. Earl Stanton McCullough Coal Corporation Potomac Valley Coal Co.	25 Beaver St., New York. Washington, D. C. Gorman, W. Va. Jennings, Md. Jennings, Md. 904 American Bldg., Balto., Md. 1 Broadway, New York City. Bethlehem, Pa. Baltimore, Md. Blaine, W. Va. Jennings, Md. Grafton, W. Va. Hutton, Md. Bloomington, Md. 407 Main St., Johnstown, Pa. Philadelphia, Pa. 300 Chestnut St., Phila., Pa. Grantsville, Md. Grantsville, Md. Jennings, Md. Blaine, W. Va. Jennings, Md. Friendsville, Md. Philadelphia, Pa.	W. A. Marshall Walter C. Leonard, Greensburg, Pa W. A. Price, Gorman, W. Va. Ray Billmeyer, Jennings, Md. R. W. Miller E. Timanus, 904 Amer. Bldg., Balto., Md. T. B. Davis, 1 Broadway, New York E. L. Bullock, Hazleton, Pa. A. W. Calloway, Land Title Bldg., Phil., Pa. R. A. Smith, Blaine, W. Va. Geo. Hoover, Jennings, Md. I. O. Brydon, Bloomington, Md. M. W. Pendergast, Hutton, Md. G. C. Pattison, Bloomington, Md. Andrew B. Crichton, Johnstown, Pa. W. D. Althouse, 424 Perry Bldg., Phil., Pa. Hollishead N. Taylor, Phil., Pa. U. M. Stanton, Grantsville, Md. C. A. Bender, Grantsville, Md. Wm. Morgart R. A. Smith, Blaine, W. Va. J. W. McCullough, Friendsville, Md. R. M. Hite, Fairmont, W. Va.	D. L. Morrison Geo. S. Rees, Washington, D. C.  Peter E. Tome, 904 Am. Bldg., Balto., Md. J. W. Poole Chas. C. Bye, Wilmington, Del. H. George, Continental Bldg., Balto., Md. J. A. Share, Blaine, W. Va.  S. B. Brydon  H. A. Crichton  Julius C. Runinger, Oakland, Md.  Louis A. Morgart T. G. Trout, Blaine, W. Va.  Ford C. McCullough, Friendsville, Md. Wm. J. Rafetto, 902 Finance Bldg., Phil., Pa.

## NAMES OF OFFICERS, FIRE CLAY MINES, 1921-1922.

Name of Company.	Principal Office.	President's Name and Address.	Secretary's Name and Address.
Union Mining Co. Andrew Ramsay Company Savage Mountain Fire Brick Co. Big Savage Fire Brick Company	Baltimore, Md. Mt. Savage, Md. 35 Bowery St., Frostburg, Md. Allegany, Md.	Van Lear Black, Baltimore, Md. Henry Shriver, Cumberland, Md. John A. Caldwell, Frostburg, Md. D. Armstrong, Frostburg, Md.	A. T. Burr, New York City William Hopkins, Mt. Savage W. F. Caldwell, Piedmont, W. Va. E. J. Clark, Frostburg, Md.

## ALLEGANY COUNTY TONNAGE FOR THE YEAR 1921-1922.

MINE INSPECTOR'S ANNUAL REPORT, 1921-1922

Name of Company.	Tonnage.
Consolidation Coal Company.....	783,077
The Potomac & Cumberland Coal Co.....	5,040.08
Amman & Jeffries.....	673
Adams Coal Co.....	17,934
Mt. Savage George's Creek Coal Co.....	12,295
The McKee Coal Co.....	26,998
The McNeill Coal Co.....	12,485
Commander Mining Company.....	1,577
Pekin Coal Co.....	1,363
Caladonia Coal Co.....	26,703
C. J. Rowe & Bros.....	4,241
Mt. Savage Fuel Company.....	4,837
George's Creek Coal Co., Inc.....	100,566.05
Bratler Mining Co.....	4,059
The North Maryland Coal Mining Co.....	8,636
Allegany Coal Co.....	4,128.04
Chapman Coal Mining Co.....	13,368
Porter-Hoffa Coal Co.....	1,512
George's Creek Clean Coal Co.....	3,611
Eagan Mine.....	114
H. G. Evans.....	3,354
Allegany Big Vein Coal Co.....	2,489.11
Old Colony Coal Co.....	400
Hoffa Bros. Coal Co.....	19,249.05
C. O. Workman.....	3,700
W. Va. Pulp & Paper Co.....	75,395
Midland Mining Co.....	2,119
Moscow-George's Creek Mining Co.....	3,646
Robert Harvey & Sons.....	2,679.61
Piedmont and George's Creek Coal Co.....	80,222
United Big Vein Coal Co.....	500
Vincent Engle & Sons.....	2,300
George's Creek Coal Mining Co.....	31,835
Boal & Langham.....	1,204
Robert Griffith.....	1,879
Stanton-George's Creek Coal Co.....	775.06
Hamshire Big Vein Coal Co.....	4,500
Clair Coal Co., Inc.....	8,050
Midlothian Coal Co.....	2,003.13
Maryland Coal Company.....	14,018.21
R. J. Ross Coal Mines, Inc.....	14,292.42
The Sullivan Bros. Coal Company.....	2,666
Westport Coal Co.....	219
Mount Savage Mining Co.....	16,674
Frostburg Mining Co.....	500
Storey & Stapleton Coal Co.....	800
Total.....	1,328,669.76



GARRETT COUNTY TONNAGE FOR THE YEAR 1921-1922.

Name of Company.	Tonnage.
Wolf Den Coal Co., Inc.	77,249
W. A. Price Coal Co.	1,459
Billmeyer	282.5
Blaine Mining Company	32,662
Garrett County Coal & Mining Company	12,377.14
The Davys Coal & Coke Company	110,595
Hanhill Coal & Coke Co.	19,838
Geo. Hoover	585
Pendergast & Ashby	222
The Manor Coal Co.	49,547
W. D. Althouse & Company	12,739.52
Myers Coal Co.	6,471
Morgant Coal Mining Corporation	1,800
Trout Coal Co.	9,830
Baum & Yonner	395
R. W. Miller	142
C. Earl Stanton	180
McCullough Coal Corporation	2,000
Potomac Valley Coal Company	2,709.1
Total	341,076.72

FIRE CLAY MINES TONNAGE FOR THE YEAR 1921-1922.

Name of Company.	Tonnage.
Union Mining Co.	5,263
Andrew Ramsay Company	875
Savage Mountain Fire Brick Company	2,522
Big Savage Fire Brick Company	9,688.7
Total	18,348.7

DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR ALLEGANY COUNTY, FOR THE YEAR 1921-1922.

Name of Company.	Name of Mine.	Number of Openings.	Coal Seams Worked.	Distribution of Employees					Worked During Year.	Output Statistics.			Accidents.	
				Miners.	Drivers.	Lafers.	Employees.	Total.		Pick.	Machine.	Total.	Fatal.	Non-Fatal.
Consolidation Coal Co.	No. 1	3	Pitts. or Big Vein	144	18	26	28	216	226	145,906		145,906		
Consolidation Coal Co.	No. 3	3	Pitts. or Big Vein	115	12	20	20	175	178	81,317		81,317		
Consolidation Coal Co.	No. 4	2	Pitts. or Big Vein	52	6	20	28	106	129.8	28,251		28,251		
Consolidation Coal Co.	No. 7	2	Pitts. or Big Vein	44	6	13	19	82	137	35,311		35,311		
Consolidation Coal Co.	No. 12	2	Pitts. or Big Vein	74	9	14	16	113	228.6	106,365		106,365		
Consolidation Coal Co.	No. 13	2	Sewickley or Tyson	41	4	4	8	57	187	19,959		19,959		
Consolidation Coal Co.	No. 14	2	Pitts. or Big Vein	20	2	4	4	30	118.4	5,959		5,959		
Consolidation Coal Co.	No. 15	2	Pitts. or Big Vein	7	1	6	4	18	130.5	5,150		5,150		
Consolidation Coal Co.	No. 16	2	Pitts. or Big Vein	45	5	9	22	82	138.8	34,311		34,311		
Consolidation Coal Co.	No. 6	4	Sewickley or Tyson	36	6	3	1	49	169.5	13,915		13,915		
Consolidation Coal Co.	No. 9	4	Sewickley or Tyson	124	1	22	171	243	110,923	30,837		141,760		
Consolidation Coal Co.	No. 10	5	Sewickley or Tyson	91	15	5	111	244.4	96,025			96,025		
Consolidation Coal Co.	No. 11	5	Sewickley or Tyson	73	7	10	92	223.4	68,848			68,848		
Potomac & Cumberland Coal Co.	Nos. 1, 2, 3 Cassanave	3	Sewickley	12				14	103			5,040.67		
Man & Jeffries	No. 1 Union	3	Lower Freeport	49	5	10	14	78	3	67		673		
Madams Coal Co.	Middleton	1	Big Vein & Tyson	19	3	4	4	30	114	17,934		17,934		
The Mt. Savage-Geo. Cr. Coal Co.	No. 1 Mt. Savage	1	Pittsburg	85	4	28	5	122		588	11,706	12,295		
The McKee Coal Co., Inc.	No. 2 McKee	3	Bluebaugh	55	6	5	8	74	128	26,998		26,998		
The McNitt Coal Company	No. 2 McNitt	2	Sewickley	59	8	9	13	89	46	12,455		12,455		
Ormandel Mining Co.		1	Sewickley	25	2	2	3	31	28	1,577		1,577		
Rockin Coal Company		10	Pittsburg	25	2	2	6	33	25	1,363		1,363		
Abdonia Coal Co.		2	Pittsburg	50	2	2	2	68	115	26,703		26,703		
J. Rowe & Bros.		1	Bluebaugh	15	3	5	5	28	49	3,867		4,241		
St. Savage Fuel Co.	Parker	1	Rock	8				12	150		4,837	4,837		
George's Creek Coal Co., Inc.	Newton	1	Sewickley or Tyson	45	3	5	3	58	24	4,053.05		4,053.05		
George's Creek Coal Co., Inc.	No. 1 Geo. Creek	1	Sewickley or Tyson	25	3	1	1	31	96	10,068.05		10,068.05		
George's Creek Coal Co., Inc.	No. 2 Geo. Creek	1	Sewickley or Tyson	80	4	9	8	101	225	86,434.05		86,434.05		
Trailer Mining Co.	Bald Knob	3	Pittsburg	5	1	2	4	12	*	4,059		4,059		
Le North Md. Coal Mining Co.	Montell	1	Lower Kittanning	30	1	7	5	50	36	3,636		3,636		
Allegheny Coal Co.	No. 2 Tacoma	1	Lower Kittang	22	2	2	1	27	42	3,165.03		3,165.03		

\* Part time.



**DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR ALLEGANY COUNTY,  
FOR THE YEAR 1921-1922—Continued.**

Name of Company.	Name of Mine.	Number of Openings.	Coal Seams Worked.	Distribution of Employees					Days Worked During Year.	Output Statistics.			Accidents.	
				Miners.	Drivers.	Inside Laborers.	Outside Employees.	Total.		Pick.	Machine.	Total.	Fatal.	Non-Fatal.
Allegheny Coal Co.	No. 4 Tacoma	..	Bakerstown	8	1	1	..	10	24	963.01	..	963.01	..	1
Chapman Coal Mining Co.	Swanton	1	Pittsburg	49	8	15	23	95	41	13,368	..	13,368	..	..
Porter-Hoffa Coal Co.	Moore	1	Bakerstown	6	1	..	1	8	50	1,512	..	1,512	..	..
George's Creek Clean Coal Co.	Speir Mine	1	Bakerstown	12	1	1	1	15	203	3,611	..	3,611	..	..
Eagan Mine	Eagan Mine	1	Pitts. or Big Vein	1	..	..	..	1	28	114	..	114	..	..
H. G. Evans Coal Co.	Borden	1	Big Vein	6	..	..	1	7	274	3,354	..	3,354	..	1
Allegheny Big Vein Coal Co.	Nos. 1 and 2	2	Big Vein	6	1	1	1	9	60	2,489.1	..	2,489.1	..	..
Old Colony Coal Co.	Nos. 1 and 2	2	Bakerstown	20	2	3	4	29	40	400	..	400	..	..
Hoffa Bros. Coal Co.	Potomac	9	Bakers'n & Big V.	21	6	9	20	56	66	19,249.5	..	19,249.5	..	4
S. O. Workman	Workman Mine	1	Big Vein	6	2	1	1	10	292	3,700	..	3,700	..	..
W. Va. Pulp & Paper Co.	Devon No. 1	1	Kittanning	36	1	5	7	48	266	64,673	..	64,673	..	3
W. Va. Pulp & Paper Co.	Devon No. 2	1	Brookville	25	1	15	7	47	206	10,722	..	10,722	..	..
Midland Mining Co.	Neff Run	4	Pittsburg	14	1	3	2	20	143	2,119	..	2,119	..	..
Moscow-George's Creek Mining Co.	Nos. 2 and 3	4	Bakerstown	22	4	3	6	34	98	3,646	..	3,646	..	..
Robert Harvey & Sons	Reynolds No. 1	1	Freeport	2	1	1	..	4	300	2,679.6	..	2,679.6	..	..
Piedmont & George's Creek C. Co.	No. 1	1	Lower Kittanning	49	..	21	9	79	45	17,093	..	17,093	..	6
Piedmont & George's Creek C. Co.	No. 2	2	Big V. & Bakerst'n	8	..	3	5	21	60	2,966	..	1,473	..	1
Piedmont & George's Creek C. Co.	No. 5	2	Bakerstown	37	..	17	14	68	44	2,415	..	12,371	..	3
Piedmont & George's Creek C. Co.	No. 1 Bowery Fur.	1	Redstone	10	..	12	18	40	9 1/2	827	..	827	..	..
Piedmont & George's Creek C. Co.	No. 2 Bowery Fur.	1	Tyson	103	..	55	20	178	98 1/2	43,077	..	43,077	..	10
United Big Vein Coal Co.	No. 1	2	Big Vein	10	1	1	..	12	30	500	..	500	..	1
Vincent Engle & Sons	..	..	..	5	..	..	1	8	..	2,300	..	2,300	..	..
George's Creek Coal Mining Co.	Jackson Tyson	1	Tyson	40	..	6	3	56	166	19,898	..	19,898	..	6
George's Creek Coal Mining Co.	Waynesburg	2	Waynesburg	30	4	2	3	39	52	2,097	..	2,097	..	..
George's Creek Coal Mining Co.	No. 2	4	Big Vein	12	2	1	3	18	144	7,206	..	7,206	..	2
George's Creek Coal Mining Co.	No. 1	3	Big Vein	6	..	..	..	6	258	2,634	..	2,634	..	..
Boal & Langham	Langham	2	Bakerstown	1	1	..	..	8	43	1,204	..	1,204	..	..
Robert Griffith	Borden	2	Tyson	1	..	..	..	7	..	1,897	..	1,897	..	..
Stanton-Geo. Creek Coal Co.	No. 1	1	Kittanning	4	..	..	1	6	50	775.6	..	775.6	..	..
Hampshire Big Vein Coal Co.	..	9	Pittsburg	4	1	..	2	8	12	4,500	..	4,500	..	2
Hair Coal Co., Inc.	No. 6	3	Bakerstown	19	..	2	3	17	182	8,050	..	8,050	..	..
Maryland Coal Co.	Big Vein	..	Big Vein	36	5	6	4	51	26	9,638.5	..	9,638.5	..	..

**DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR ALLEGANY COUNTY,  
FOR THE YEAR 1921-1922—Concluded.**

Name of Company.	Name of Mine.	Number of Openings.	Coal Seams Worked.	Distribution of Employees					Days Worked During Year.	Output Statistics.			Accidents.			
				Miners.	Drivers.	Inside Laborers.	Outside Employees.	Total.		Pick.	Machine.	Total.	Fatal.	Non-Fatal.		
Maryland Coal Co.	Tyson	..	Tyson and	90	6	18	6	120	4	1,445.8	..	2,350	..	3,795.2	..	1
Maryland Coal Co.	No. 4	..	Bakerstown	15	1	1	1	18	9	585.8	..	..	..	585.8	..	..
J. Ross Coal Min., Inc.	..	1	Upper Kittanning	10	2	3	3	18	150	8,509.9	..	..	..	8,509.9	..	..
J. Ross Coal Min., Inc.	..	2	Bakerstown	35	2	4	3	44	150	15,298.1	..	..	..	15,298.1	..	12
J. Ross Coal Min., Inc.	..	3	Upper Kittanning	10	2	3	3	18	150	4,254.1	..	..	..	4,254.1	..	..
Midlothian Coal Co.	Midlothian	2	Tyson & Big Vein	15	2	4	..	19	95	2,008.13	..	..	..	2,008.13	..	..
Westernport Coal Company	No. 1	1	Lower Kittanning	1	1	..	..	3	20	219	..	..	..	219	..	..
Mount Savage Mining Company	Liberty	1	Maynaider	1	2	9	2	30	216	16,674	..	..	..	16,674	..	..
Westburg Mining Co.	Spates	1	Big Vein	3	..	..	..	3	300	510	..	..	..	510	..	..
Corey & Stapleton Coal Co.	..	..	Pitts. or Big Vein	2	..	1	..	4	92	800	..	..	..	800	..	..
Hivan Bros. Coal Company	No. 1	..	P. or B. V. & T.	2	3	11	9	31	140	2,322	..	..	..	2,322	..	..
Hivan Bros. Coal Company	No. 2	..	Pittsburg	23	5	7	6	41	52	344	..	..	..	344	..	..



**DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR GARRETT COUNTY,  
FOR THE YEAR 1921-1922.**

Name of Company.	Name of Mine.	Number of Openings.	Coal Seams Worked.	Distribution of Employees					Days Worked During Year.	Output Statistics.			Accidents.	
				Miners.	Drivers.	Inside Laborers.	Outside Employees.	Total.		Pick.	Machine.	Total.	Fatal.	Non-Fatal.
Wolf Den Coal Co., Inc.	Wolf Den	3	Miller	150	8	6	20	184	160	33,488	43,761	77,249	...	16
W. A. Price Coal Co.	Caldwell	2	Freeport	2	1	...	2	11	130	1,459	...	1,459	...	...
Billmeyer Coal Co.	Billmeyer	1	Bakerstown	2	1	1	...	10	12	282.5	...	282.5	...	...
Blaine Mining Company	Poto. Manor No. 1	1	Kittanning	103	13	8	25	149	80	32,662	...	32,662	...	...
Garrett Co. Coal & Mining Co.	Dodson	...	Lower Kittanning	50	8	18	20	96	43	8,551.16	3,825.18	12,376.34	...	...
Davis Coal & Coke Company	Kempton No. 42	1	Lower Kittanning	110	...	50	30	190	98	79,874	30,721	110,595	1	21
Hamill Coal & Coke Co.	Hamill	4	Kittanning & Freeport	96	14	14	24	142	48	19,838	...	19,838	...	1
Geo. Hoover	Hoover	1	Bakerstown	16	1	1	4	22	78	585	...	585	...	...
Pendergast & Ashby	Nos. 1 and 2	2	Middle & Low. Kitg	15	5	1	4	25	4	222	...	222	...	...
Manor Coal Co.	Manor No. 1	1	Lower Kittanning	100	6	12	8	126	105	40,629	8,918	49,547	...	6
W. D. Althouse & Co.	Georgian	1	Lower Freeport	35	3	3	4	45	100	...	12,739.52	12,739.52	...	...
Myers Coal Co.	Beachy	1	C. Prince	4	2	1	2	9	257	6,471	...	6,471	...	...
Morgart Coal Mining Corp.	Nos. 1, 2, 3, 4	4	Morgart	32	3	3	3	47	130	1,800	...	1,800	...	2
Front Coal Co.	Trout	2	Kittanning & Clarion	15	4	1	4	24	193	9,830	...	9,830	...	...
Baum & Yommer	Haudwert	1	Baum & Yommer	6	1	1	...	8	44	395	...	395	...	...
R. W. Miller	Miller	1	Bakerstown	3	1	...	...	4	58	142	...	142	...	...
E. Earl Stanton	Upper Freeport	1	Upper Freeport	...	...	...	...	2	60	180	...	180	...	1
Potomac Valley Co.	Louise	1	Kittanning	4	1	1	1	7	44	2,709.1	...	2,709.1	...	...
McCullough Coal Corp.	McCullough	1	Kittanning	...	1	10	10	21	160	2,000	...	2,000	...	1

**DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR FIRE CLAY MINES, 1921-22.**

Name of Company.	Name of Mine.	Number of Openings.	Coal Seams Worked.	Distribution of Employees					Days Worked During Year.	Output Statistics.			Accidents.	
				Miners.	Drivers.	Inside Laborers.	Outside Employees.	Total.		Pick.	Machine.	Total.	Fatal.	Non-Fatal.
Big Savage Fire Brick Co.	No. 1	1	Clay	3	2	12	3	25	300	...	9,688.7	9,688.7	...	4
Andrew Ramsay Company	Penna.	1	Clay	3	...	...	...	4	175	875	...	875	...	...
Union Mining Co.	Nos. 6 and 5	2	Clay	29	6	20	31	86	111	5,263	...	5,263	...	5
Savage Mt. Fire Brick Co.	No. 5	1	Clay	12	2	3	6	23	145	2,522	...	2,522	...	...



**ALLEGANY COUNTY IMPROVEMENTS, FOR 1921-1922.**

Consolidation Coal Co.	Sub-Station No. 2, supplying electricity for 9-10-11-12; installation of Sub-Station at No. 1; Electric Hoistage No. 12
The Mt. Savage Geo. Creek Coal Co.	Addition to barn.
Concord Mining Co.	Electric hoist, new fan, weight office—blacksmith shop.
Porter-Hoffa Coal Co.	General Overhauling of interior preparatory to electrifying mine.
Chapman Coal Mining Co.	Main and belt headings; new cross-over, new passing "tie."
Middland Mining Co.	General.
Moss-George's Creek Mining Co.	Screen and picking table.
United Big Vein Coal Co.	Double inlet fan installed at Tyson, outside electric haulage system, tunnel development.
George's Creek Coal Mining Co.	Power house, mine motors and fans.
R. J. Ross Coal Mines, Inc.	

**ALLEGANY COUNTY.**

Name of Company.	Veins of Coal Known to be on the Property, With Acreage of Each Supposed to Exist.
Consolidation Coal Co.	Big Vein, 8,927,819 acres; Tipper Tyson or Se-weekly, 5,527 acres; Red Stone, Lower Sewickley, Washington and all seams given in the Maryland State Geological Survey reports, the acreage of which have not been defined.
Potomac & Cumberland Coal Co.	Lower Freeport, 290 acres; Upper Freeport, 290 acres; Bakerstown, 205 acres.
Mt. Savage Geo. Creek Coal Co.	Hitchcough, 1,431.5.
Pekin Coal Co.	Waynesburg, Tyson, Pittsburg, Bakerstown, Little Pittsburg.
North Md. Coal Mining Co.	Lower Kittanning, 2,500 acres; Parker vein, 2,800 acres.
Miller & Greene Coal Co.	Kittanning, 200 acres; Split Six, 200 acres; Clarion and Brookville, 300 acres.
Chapman Coal Mining Co.	Bakerstown, 250 acres.
George's Creek Clean Coal Co.	Bakerstown, 182 1/2 acres; Little Pittsburg, Franklin, Lonaconing, something over 100 acres.
Brauler Mining Co.	Pittsburg, 40 acres; Redstone, 12 acres. All Under Veins each 130 acres.
Allegheny Big Vein Coal Co.	Big Vein, 4 acres.
Hoffa Bros. Coal Co.	Big Vein, not known; Bakerstown, 800 acres, about.
Cumberland Big Vein Coal Co.	Big Vein mostly outcrop—been worked; estimate of same, 200,000 tons.
W. Va. Pulp and Paper Co.	Brookville, 100 acres; Freeport, 40 acres.
Robert Harvey & Sons.	Six Foot, 15 acres; Three Foot, 2 acres.
Plechnard & Geo. Creek Coal Co.	Big Vein, 8 acres; Tyson, 390 acres; Bakerstown, 558 acres; Lower Kittanning, 796 acres; Redstone, 570 acres.
George's Creek Coal Mining Co.	All veins below Waynesburg, our lease takes in Waynesburg, Tyson and Big Vein only.
Bowl & Langham.	Pittsburg and Dirty Nine, 28 acres.
Shanton George's Creek Coal Co.	Kittanning, Parker, Hitchcough.
Hampshire Big Vein Coal Co.	Pittsburgh, B. V., Bakerstown, Freeport.
Chair Coal Co., Inc.	Bakerstown, 495; Freeport, 550 acres.
R. J. Ross Coal Mines, Inc.	Bakerstown, 153 acres; Upper Kittanning, 17 1/2.
Westport Coal Co.	Lower Kittanning, 300 acres; Freeport, 200 acres; Bakerstown, 30 acres.
Freeport Mining Co.	Big Vein.

**ALLEGANY COUNTY—Continued.**

Coal Area Worked Out.	Average Yet to Mine.
Consolidation Coal Co. Only partially worked; no seams below the Big Vein having been developed.	12,774,380 acres.
Potomac & Cumberland Coal Co. 10 acres.	300 acres.
Mt. Savage (George's Creek Coal Co.) 39,530 acres.	1,291,905 acres.
McNitt Coal Co.	125 acres.
Mt. Savage Fuel Co.	574 acres.
George's Creek Coal Co., Inc. 1 1/2 acres.	
North Md. Coal Mines Co. 29 acres.	2,500 acres.
Miller & Greene Coal Co. 11 1/2 acres.	500 acres.
Porter-Hoffa Coal Co. 3 acres.	165 acres.
Chapman Coal Mining Co. About 4 acres.	75 acres.
George's Creek Clean Coal Co. 1 acre.	182 1/2 acres.
Brauler Mining Co. 8 acres.	40 acres.
Allegheny Big Vein Coal Co. 15 acres.	4 acres.
Hoffa Bros. Coal Co. 30 acres.	15 acres.
C. O. Workman. 2 acres.	
W. Va. Pulp & Paper Co. 105 acres.	
Robert Harvey & Sons. 10 acres.	24 acres.
Piedmont & George's Creek Coal Company. 20 1/2 acres.	290 acres.
United Big Vein Coal Co. One-tenth acre, about.	400 acres.
George's Creek Coal Mining Co. 8 acres.	28 acres.
Bowl & Langham. 20 acres.	550 acres.
Shanton George's Creek Coal Company. 50 acres.	2,150 acres.
Hampshire Big Vein Coal Co. 5 acres.	495 acres.
Chair Coal Co., Inc. 7 1/2 acres.	170 1/2 acres.
R. J. Ross Coal Mines, Inc. 3 1/2 acres.	700 acres.
Mount Savage Mining Co. 50 acres.	200 acres.
Westport Coal Co.	

**GARRETT COUNTY IMPROVEMENTS, FOR 1921-1922.**

Wolf Den Coal Co., Inc.	One 300 K. W. generator and engine, one sorrocco fan and engine, 200,000 cub. ft. per min. Built new tipples.
Hammill Coal & Coke Co.	Ordinary improvements in airways and haulways and 42 Jeffries fan, Alpine No. 1.
Monongahela Coal Mining Corp.	Complete plant built.
McCloughough Coal Corp.	General overhauling, roads, timbers, etc.
Potomac Valley Coal Co.	



**GARRETT COUNTY.**

Name of Company.

Veins of Coal Known to be on the Property, With Acreage of Each Supposed to Exist.

Hubbard Coal Mining Co.	Lower Kittanning, 1,200 acres; Preepport, 900 acres; Upper Kittanning, 1,407 acres; Clarion, 1,600 acres; A. or river seam, 1,800 acres.
Wolf Den Coal Co., Inc.	Upper Kittanning; Upper and Lower Preepport, 900 acres.
Oberdeen Coal Co.	Preepport, Upper and Lower Kittanning; Upper Kittanning, Lower Kittanning.
W. A. Price Coal Co.	Lower Kittanning, 1,160.88.
Garrett County Coal & Mining Co.	Kittanning, 300 acres; Preepport, 225 acres.
Davis Coal & Coke Company	Kittanning, 20 acres; Clarion, 50 acres.
Hanhill Coal & Coke Co.	Bakersdown, 40 acres; Clarion, 200 acres; 30-inch vein, 200 acres; name not known.
Bloomington Coal Co.	Kittanning, 245 acres; Preepport, 300 acres.
Pendergast & Ashby.	Preepport and (Kittanning, supposed).
Manor Coal Co.	(Price, 178 acres.
W. D. Althouse & Co.	Morgant, 8,000 acres.
Meyers Coal Co.	Kittanning, Clarion.
Morgant Coal Mining Corporation	State Vein, 25 acres.
Dryden Coal Co.	Bakersdown, 5 1/2 acres; Upper Preepport, 5 1/2 acres.
Barry & Yommer.	Upper Kittanning, 800 acres; Middle Kittanning, 800 acres; Lower, 800 acres.
Ruby Miller.	800 acres; Lower, 800 acres.
McClough Coal Corp.	Clarion, 300 acres; Kittanning, 250 acres.
Potomac Valley Coal Company.	

**GARRETT COUNTY—Continued.**

Hubbard Coal Mining Co.	460 acres.
Wolf Den Coal Co.	1,367 acres.
W. A. Price Coal Co.	90 acres.
Billmeyer	10 acres.
Blaine Mining Co.	380 acres.
Garrett County Coal and Mining Co.	1,291 acres.
Davis Coal and Coke Company	1,160.88 acres.
Hanhill Coal & Coke Co.	300 acres.
George Hoover	6 acres.
Pendergast & Ashby.	175 acres.
Manor Coal Co.	845 acres.
W. D. Althouse & Co.	600 acres.
Meyers Coal Co.	178 acres.
Morgant Coal Mining Corporation	6,000 acres.
Preepport Coal Co.	1,000 acres.
Bann & Yommer	25 acres.
R. W. Miller	5 acres.
C. Earl Stanton	100 acres.
McClough Coal Corporation	800 acres.
Potomac Valley Coal Company	250 acres.

**DESCRIPTION OF MINES IN ALLEGANY COUNTY, 1921-1922.**

**CONSOLIDATION COAL COMPANY.**

(Maryland Division.)

G. M. Gillette, Manager..... Frostburg, Md.  
 Harry Martin, Asst. Manager..... Frostburg, Md.

The Maryland Division of the Consolidation Coal Company is in Allegany County. It is the largest operation in the State. They operate thirteen mines and are working the Pittsburg, or Big Vein and Tyson coal seams. The general condition of the Consolidation mines is good and no expense is being spared to meet the requirements of the law and keep them in a healthful and safe condition.

During the year 1921-1922 they employed 879 men, and produced 783,077 tons of coal, a decrease of 47,946 tons.

**CONSOLIDATION COAL COMPANY.**

Peter Hoye..... Mine Foreman.

Consol Mine No. 1 is located at Ocean, on the east side of the George's Creek. It is a slope opening working the Pittsburg or Big Vein Coal seam, and is opened upon the double-entry system.

Ventilation is produced by steam driven fans, and the air current is conducted to the working faces, by overcasts, doors and brattices. It is found in a satisfactory and lawful condition.

Drainage is very difficult, owing to the low condition of the mine, and a heavy expense is incurred keeping it satisfactory. It is obtained by being drained through the Hoffman tunnel.

During the year 1921-1922 they employed 216 men, worked 226 days and produced 145,906 tons of coal.

MINTE NO. 3.

R. L. Edwards..... Mine Foreman.

Consol Mine No. 3 is located at Hoffman, one and one-half miles east of Frostburg. It is a slope opening working the Pittsburg or Big Vein seam of coal, and is developed on the double-entry system.

Ventilation is produced by a steam-driven fan, and the air current is conducted to the working faces by overcasts, doors and brattices. It is found in a satisfactory and lawful condition.



Drainage is most difficult, and it is necessary to have a number of pumps and ditches in order to keep the drainage in a lawful condition. Drainage is through the Hoffman ditch, which empties into the Broad-  
 clock Run at Claryville.

Timbering is found in a good condition, but it requires a great deal of timbering to keep the roof in a safe condition.

During the year 1921-1922 they employed 175 men, worked 178 days and produced 81,317 tons of coal.

## MINE NO. 4.

Hugo Rempel..... Mine Foreman.

Consol Mine No. 4 is a slope opening working the Pittsburgh or Big Vein Coal seam. It is developed on the double-entry system.

Ventilation is produced by a steam-driven fan, and is conducted to the working faces by brattices.

Drainage is very difficult, but by the use of pumps and ditches it is kept in a lawful condition.

The roof is of a very dangerous character, owing to the age of the mine. The timbering, however, is well looked after.

During the year 1921-1922, they employed 106 men, worked 129,8 days, produced 28,251 tons of coal.

## MINE NO. 6.

Richard Hawkins..... Mine Foreman.

Consol Tyson Mine No. 6 is located at National. It is a drift opening working the Sewickley or Tyson coal seam, and is developed on the double-entry system.

Ventilation is produced by fan driven by electric motor. The air is conducted to the working face by overcasts, doors, and brattices.

Drainage is in a lawful condition. The roof is very dangerous, but the timbering is well looked after.

During the year 1921-1922 they employed 49 men, worked 169.5 days, and produced 13,915 tons of coal.

## MINE NO. 7.

Frank Williams..... Mine Foreman.

Consol No. 7 is located at Lord, one and one-half miles west of Carlos Junction. It is a slope opening, working the Pittsburgh or Big Vein seam of coal, and is developed on the double-entry system.

The ventilation is found in a lawful condition, and is produced by a steam-driven fan. It is conducted to the working faces by doors and brattices.

Drainage is by natural means, and is drained into the Ocean water ditch. It is in good condition.

The roof is of the usual character, which overplies the Pittsburgh seam in this region, and the timbering is well looked after.

During the year 1921-1922 they employed 52 men, worked 137 days and produced 35,311 tons of coal.

## MINE NO. 9.

James Woodson..... Mine Foreman.

Consol Mine No. 9 is located at the end of the "Y" on the main line of the Cumberland and Pennsylvania Railroad. It is a drift opening working the Tyson coal seam.

Ventilation is found in a satisfactory condition and is produced by steam-driven fans. It is conducted to the working faces and throughout the mine by overcasts, doors and brattices.

Drainage is very difficult, but is kept in a lawful condition by holes being driven to the big vein and by the use of ten large electric pumps.

During the year 1921-1922 they employed 171 men, worked 243 days, and produced 141,760 tons of coal.

## MINE NO. 10.

James Darrow..... Mine Foreman.

Consol Mine No. 10 is located at Eckhart, Md., west of the Consol Mine No. 4. It is a drift opening, working the Upper Sewickley or Tyson coal seam and is developed on the double-entry system.

Ventilation is produced by a steam driven fan. The air is conducted to the working face by overcasts, doors and brattices.

Drainage is very difficult, but is kept in a lawful condition by pumps and holes being driven into the big vein.

The roof is as good as the average found in the Tyson vein and requires a great deal of timbering.

During the year 1921-1922 they employed 111 men, worked 244.4 days, and produced 96,025 tons of coal.



## MINE NO. 11.

James Darrow..... Mine Foreman.

Consol Mine No. 11 is located at pumping shaft, above the big vein of Consol Mine No. 4. It is a shaft opening, working the Upper Sewickley or Tyson coal seam, and is developed on the double-entry system.

Ventilation is produced by a steam-driven fan, and is conducted to the working face by overcasts and brattices.

Drainage is very difficult, but is kept in a satisfactory condition by electric pumps and holes drilled into the big vein.

Roofing is good, except in a few places.  
During the year 1921-1922 they employed 92 men, worked 228.4 days, and produced 68,848 tons of coal.

## MINE NO. 12.

A. C. Neal..... Mine Foreman.

Consol Mine No. 12 is located at Borden Shaft, on the main line of the Cumberland and Pennsylvania Railroad. It is a shaft opening, working the Pittsburgh or Big Vein seam of coal. It is developed on the double-entry system.

Ventilation is produced by a fan driven by a Crawford & Chrimmond engine at pumping shaft.

Drainage is by natural means and ditches, and is drained in the Hoggman water ditch. The roof is as good as the average, and requires a great deal of timbering.

During the year 1921-1922 they employed 113 men, worked 228.6 days, and produced 106,365 tons of coal.

## MINE NO. 13.

Charles Shields..... Mine Foreman.

Mine No. 13 is located at Old Consolidation, a village about one mile west of Frostburg, operating the Tyson coal seam.

Ventilation is produced by a fan driven by electric motor. The air current is conducted to the working faces by brattices and doors, and is found in good condition.

During the year 1921-1922 they employed 57 men, worked 187 days, and produced 19,959 tons of coal.

## MINE NO. 14.

Elmer Kight..... Mine Foreman.

Consol Mine No. 14 is located at Allegany and is known as the "Old Allegany Mine." It is a drift opening, working the Pittsburgh or Big Vein coal seam, and is developed on the double-entry system.

Ventilation is produced by a five-foot fan, driven by an electric motor. The air current is conducted to the working faces by approved doors and brattices.

Drainage is by means of ditches and is drained into the Allegany ditch. The roof is of the usual character, overlying the Pittsburgh seam.

During the year 1921-1922 they employed 30 men, worked 118.4 days, and produced 5,959 tons of coal.

## MINE NO. 15.

George Richardson..... Mine Foreman.

Consol Mine No. 15 is located at Vale Summit and is known as the "Old Astor Mine." It is a drift opening, working the Pittsburgh or Big Vein coal seam.

During the year 1921-1922 they employed 18 men, worked 130.5 days, and produced 5,150 tons of coal.

## MINE NO. 16.

George Richardson..... Mine Foreman.

Consol Mine No. 16 is located about two miles east of Midland. It consists of a series of openings and is developed on the double-entry system.

No. 1 and 2 are slope openings, and No. 4 is a drift opening. Ventilation is produced by electric fans, and is conducted to the working faces by overcasts, doors and brattices.

Drainage is by means of pumps and is found in a satisfactory condition.

Timbering is carefully looked after.

During the year 1921-1922 they employed 82 men, worked 138.8 days, and produced 34,311 tons of coal.



## POTOMAC AND CUMBERLAND COAL COMPANY.

William Williams..... Mine Foreman.

The Potomac and Cumberland Coal Company is located about one mile east of Mt. Savage on the C. & P. Railroad, they are drift openings, working the lower and upper Freeport and Bakertown coal seams. The ventilation and drainage is found to be in a lawful condition. During the year 1921-1922 they employed 14 men, worked 103 days, and produced 5,040.08 tons of coal.

## ANNAN AND JEFFRIES COAL COMPANY.

Albert Defenbaugh..... Mine Foreman.

Union No. 1 of the Annan and Jeffries Coal Company is located at Zilman, and is a drift opening, working the Big Vein and Tyson seam of coal. Conditions are found to be very satisfactory.

During the year 1921-1922 they employed 75 men, worked 3 days and produced 673 tons of coal.

## ADAMS COAL COMPANY.

Robert Dunan..... Mine Foreman.

The Adams Coal Company is located at Midlothian. Working the Pittsburg or Big Vein coal seam.

Ventilation is produced by natural means and is found to be in a satisfactory condition.

During the year 1921-1922 they employed 30 men, worked 114 days, and produced 17,934 tons of coal.

## MT. SAVVAGE &amp; GEORGE'S CREEK COAL CO.

Davy Retzer, John Bonnett..... Mine Foremen.

Mine No. 1 is located at the George's Creek Village, on the main line of the Cumberland and Pennsylvania Railroad. It is a drift opening, working the Brookville or Binebaugh coal seam.

Ventilation is produced by an air shaft sunk 204 feet. The air current is conducted to the working faces by doors, brattice stoppings. The roof is good and timbering is well looked after.

During the year 1921-1922 they employed 122 men, worked 169 days, and produced 12,295 tons of coal.

## THE KOONTZ COAL COMPANY.

Walter Kalmeyer..... Mine Foreman.

The McKee No. 2 Mine is located about one mile west of Lonaconing, working the Tyson coal seam.

Ventilation is produced by steam driven fan and is found to be in a very satisfactory condition.

Drainage is by natural means and is found in good condition.

During the year 1921-1922 they employed 74 men, worked 128 days, and produced 26,998 tons of coal.

## McNITT COAL COMPANY.

John Farkin..... Mine Foreman.

The McNitt Coal Company is located at Midlothian and working the Sewickley or Tyson coal seam. It is a slope opening.

Ventilation is produced by steam-driven fan, and conducted to the working faces by doors and stoppings, and is found to be generally good.

During the year 1921-1922 they employed 89 men, worked 46 days, and produced 12,455 tons of coal.

## COROMENDAL COAL MINING COMPANY.

J. N. Fitzpatrick..... Mine Foreman.

It is located at Lonaconing and is a drift opening working the Pittsburg or Big Vein seam of coal. It is developed on the double-entry system.

Ventilation is by natural means and is found to be in a satisfactory condition.

During the year 1921-1922 they employed 31 men, worked 28 days and produced 1,577 tons of coal.

## PEKIN COAL COMPANY.

J. Robertson..... Mine Foreman.

It is located at the west side of Pekin. It is a drift opening working the Pittsburg or Big Vein coal seam.



Ventilation is produced by holes being driven to the surface and around the outcrop, where the working faces are located.

Drainage is by natural means and ditches. The roof is of the usual character and requires a great deal of timbering.

During the year 1921-1922 they employed 33 men, worked 25 days, and produced 1,363 tons of coal.

#### CALEDONIA COAL COMPANY.

John Shuhart.....Mine Foreman.

Caledonia Mine is located on the west side of the George's Creek. The mine consists of 2 drift openings, working the Pittsburgh or Big vein coal seam.

Ventilation is produced by natural means, by holes driven to the surface around the outcrop near where the working faces are located. Drainage is by natural means and ditches, and is generally good. The roof is of a very dangerous character being near the outcrop and therefore requires very careful attention.

During the year 1921-1922 they employed 68 men, worked 115 days, and produced 26,703 tons of coal.

#### C. J. ROWE AND BROS., INC.

Thos. Keegan.....Mine Foreman.

The C. J. Rowe Bros., Inc., Parker Mine is located at Barrelesville, working the Bluebaugh seam of coal.

Ventilation is produced by a 7-foot fan driven by electricity.

Drainage is in a lawful condition. The roof is good and carefully looked after.

During the year 1921-1922 they employed 28 men, worked 49 days, and produced 4,241 tons of coal.

#### MT. SAVAGE FUEL COMPANY.

Lawrence Barth.....Mine Foreman.

It is located at Mt. Savage and is a drift opening, working the bush creek or rock seam and is developed on the double-entry system.

Ventilation is by natural means and is found to be in a satisfactory condition.

During the year 1921-1922 they employed 12 men, worked 150 days, and produced 4,887 tons of coal.

#### GEORGE'S CREEK COAL COMPANY, INC.

Nathaniel Somerville.....Mine Foreman.

The George's Creek Coal Company, Inc., Mines Nos. 1, 2 and 4 are drift openings, working the Sewickley or Tyson coal seam. They are equipped with electrical driven fans. The air conditions are very good.

During the year 1921-1922 No. 1 employed 58 men, worked 24 days, and produced 4,053.5 tons of coal. No. 2 employed 31 men, worked 96 days, and produced 10,068.5 tons of coal. No. 4 employed 101 men, worked 225 days and produced 86,434.5 tons of coal.

#### BRAILIER MINING COMPANY.

Joseph Jenkins.....Mine Foreman.

Bald Knob Mine is located at Mt. Savage. It consists of four openings, working the Pittsburgh or Big Vein coal seam. It is developed on the double-entry system.

Ventilation is produced by natural means and is conveyed to the working faces by doors and stoppings. The air conditions are good. Drainage is by means of ditches. The roof is good and the timbering well taken care of.

During the year 1921-1922 they employed 12 men, worked ..... days, and produced 4,059 tons of coal.

#### THE N. MD. COAL MINING COMPANY.

Raymond Henry.....Mine Foreman.

North Maryland Coal Mining Co. is located at Montell, working the Lower Kittanning seam of coal. The working condition of this mine is very difficult owing to the heavy grade but it is kept in a lawful condition. The coal is hauled from the mines to the head of a plane and the inside of the mine and lowered 500 feet, from here it is hauled through a rock tunnel several thousand feet long by electric motor.

During the year 1921-1922 they employed 50 men, worked 36 days, and produced 8,636 tons of coal.



PORTER-HOFFA COAL COMPANY.

Oliver T. Porter..... Mine Foreman.

The Porter-Hoffa Coal Company is located near Barton. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by a furnace. It is found to be in a lawful condition. During the year 1921-1922 they employed 8 men, worked 50 days, and produced 1,512 tons of coal.

CHAPMAN COAL COMPANY.

Charles Pierson..... Mine Foreman.

Chapman Mine is located at Barton on the west side of George's Creek. It is a drift opening, working the Bakerstown and Pittsburgh coal seam, and is developed on the double-entry system. Ventilation is produced in the Bakerstown by a fan driven by an electric motor. It is conveyed to the working faces by doors and stoppings, and the air current is generally in a good condition. Drainage is kept in a satisfactory condition. Ventilation in the Pittsburgh seam is by natural means.

During the year 1921-1922 they employed 95 men, worked 41 days, and produced 13,368 tons of coal.

ALLEGANY COAL COMPANY.

R. C. Roberts..... Mine Foreman.

Tacona Mine Nos. 2 and 4 are located on the west side of the George's Creek, at Franklin. They are drift openings, working the Lower Kittanning and Bakerstown coal seams. Ventilation is produced by fan driven by electric motors. The air current is conducted to the working faces by doors and stoppings, and is found in a good condition. Drainage is by natural means and is generally good. The roof is of a dangerous character and requires a great deal of timbering.

During the year 1921-1922 No. 2 employed 27 men, worked 42 days, and produced 3,165.3 tons of coal. No. 4 employed 10 men, worked 24 days, and produced 963.1 tons of coal.

GEORGE'S CREEK CLEAN COAL COMPANY.

John T. Hardegan..... Mine Foreman.

Speir Mine of the George's Creek Clean Coal Company is located on the east side of George's Creek, at Barton. It is a drift opening, working the Bakerstown coal seam. Ventilation is by natural means, and is usually good. During the year 1921-1922 they employed 15 men, worked 203 days, and produced 3,611 tons of coal.

EAGAN MINING COMPANY.

Chas. Eagan..... Mine Foreman.

The Eagan Mining Company is located at Midland and is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means. During the year 1921-1922 they employed 1 man, worked 28 days, and produced 114 tons of coal.

MIDLAND MINING COMPANY.

J. S. Askey..... Mine Foreman.

Nett Run Mine is located near Midland. It has five openings, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means, by holes being driven to the surface around the outcrop near the working faces. Drainage is by natural means and ditches and generally good. The roof is dangerous being near the outcrop and therefore requires a great deal of timbering. However, it is kept in a safe condition. During the year 1921-1922 they employed 20 men, worked 143 days, and produced 2,119 tons of coal.

MOSCOW-GEORGE'S CREEK COAL COMPANY.

Ed. R. Brennan & Ed. Shaw..... Mine Foreman.

Moscow Nos. 2 and 3 are located near Barton on the west side of the George's Creek. They are drift openings, working the Pittsburgh or Big Vein and Bakerstown coal seams.



The ventilation in the Bakerstown is produced by fan driven by electric motor. In the Pittsburgh or Big Vein it is produced by natural means.

During the year 1921-1922 they employed 56 men, worked 98 days, and produced 3,646 tons of coal.

#### ROBERT HARVEY AND SONS COAL COMPANY.

William Harvey.....Mine Foreman.

Robert Harvey and Sons Coal Company is located at Reynolds, one mile west of Barton. It is a drift opening, working the Freeport coal seams.

During the year 1921-1922 they employed 4 men, worked 300 days and produced 2,679.6 tons of coal.

#### H. G. EVANS COAL COMPANY.

Borden Mine is located at Borden, near Frostburg. There are two drift openings, working the Pittsburgh or Big Vein coal seam.

Ventilation is produced by natural means, and conditions are good for this kind of ventilation as there are numerous holes driven to the surface around the outcrop, where the working faces are located. Drainage is in a lawful condition by natural means. The roof is of a dangerous character, and requires a great deal of timbering to keep it safe.

During the year 1921-1922 they employed 7 men, worked 274 days, and produced 3,354 tons of coal.

#### ALLEGANY BIG VEIN COAL COMPANY.

Jas. A. Hanna.....Mine Foreman.

The Allegany Coal Company Mine is located near Allegany. It is a drift opening, working the Pittsburgh or Big Vein coal seam.

Ventilation is produced by natural means and the conditions are good for this kind of ventilation. Drainage is by natural means. The proof is dangerous and requires a great deal of timbering to keep it in a safe condition.

During the year 1921-1922 they employed 9 men, worked 60 days, and produced 2,489.11 tons of coal.

#### OLD COLONY COAL COMPANY.

Joe. E. Small.....Mine Foreman.

Nos. 1 and 2 Mines of the Old Colony Coal Company are located at Moscow. They are drift openings, working the Bakerstown seam of coal.

Ventilation is produced by a fan driven by an electric motor. The air current is conducted to the working faces, by means of doors and stoppings. It is found in a satisfactory condition.

During the year 1921-1922 they employed 29 men, worked 40 days, and produced 400 tons of coal.

#### HOFFA BROS. COAL COMPANY.

Wm. Hyde, Sr.....Mine Foreman.

Potonage Mine is located in Barton. It is a drift opening, working the Pittsburgh and Bakerstown coal seams.

Ventilation is produced by fan driven by an electric motor. Drainage is by natural means, and is in satisfactory condition.

During the year 1921-1922 they employed 56 men, worked 66 days, and produced 19,249.5 tons of coal.

#### WORKMAN COAL COMPANY.

C. O. Workman.....Mine Foreman.

The Workman Coal Company Mine is located about one mile north of Frostburg, it is a drift opening, working the Pittsburgh or Big Vein coal seam.

Ventilation is by natural means and found to be in a good condition.

During the year 1921-1922 they employed 10 men, worked 282 days, and produced 3,700 tons of coal.

#### WEST VIRGINIA PITTP AND PAPER COMPANY.

J. P. Brown.....Mine Foreman.

Devon Mine Nos. 1 and 2 are located at Take, on a branch of the Western Maryland Railroad. They are drift openings, working the Kittanning and Brookville coal seam.



Ventilation is produced by a fan driven by an electric motor, and is conducted to the working faces by doors and stoppings. The air current is found in a satisfactory condition. Drainage is difficult in some sections. The roof requires a great deal of timbering which is always attended to promptly.

During the year 1921-1922 they employed in No. 1, 48 men, worked 266 days, and produced 64,673 tons of coal. Mine No. 2 employed 47 men, worked 206 days, and produced 10,722 tons of coal.

#### PIEDMONT AND GEORGE'S CREEK COAL CO.

##### MINE NO. 1.

John J. Fahry..... Mine Foreman.

Washington No. 1 Mine is located on the west side of the George's Creek near Franklin. It is a drift opening, working the Lower Kittanning seam of coal, and is developed on the double-entry system.

Ventilation is produced by an electric driven fan and the air current is conducted to the working faces by doors and stoppings and is found in satisfactory condition. Drainage is by means of pumps and is kept in a lawful condition. The roof is in good condition.

During the year 1921-1922 they employed 79 men, worked 45 days, and produced 17,093 tons of coal.

##### MINE NO. 1.

Martin Condy..... Mine Foreman.

Washington No. 2 Mine is located at Eckhart; it is a drift opening, working the Big Vein and Red Stone coal seam.

Ventilation is produced by fan driven by electric motor, and is found in a satisfactory condition.

During the year 1921-1922 they employed 21 men, worked 60 days, and produced 4,439 tons of coal.

##### MINE NO. 5.

John D. Wallace..... Mine Foreman.

Washington No. 5 Mine is located near Franklin; it is a drift opening, working the Bakerstown seam coal, and developed on the double-entry system.

Ventilation is produced by electric driven fan and the air current is found to be in a satisfactory condition.

During the year 1921-1922 they employed 68 men, worked 44 days, and produced 14,756 tons of coal.

##### MINE NO. 1 (Bowery Furnace).

James Taylor..... Mine Foreman.

Bowery Furnace No. 1 Mine is located at Midlothian, working the Red Stone seam of coal. It is developed on the double-entry system and is kept in a lawful condition. The roof in this mine is very soft and requires a great deal of timbering.

Ventilation is produced by fan driven by an electric motor.

During the year 1921-1922 they employed 40 men, worked 91¼ days, and produced 827 tons of coal.

##### MINE NO. 2 (Bowery Furnace).

Harry Hitchens..... Mine Foreman.

Bowery Furnace No. 2 Mine, is located at Midlothian, working the Tyson seam of coal. It is developed on the double-entry system and is kept in a lawful condition.

During the year 1921-1922 they employed 178 men, worked 98½ days, and produced 43,077 tons of coal.

#### UNITED BIG VEIN COAL COMPANY.

H. W. Rowe..... Mine Foreman.

United Big Vein Coal Mine is located west of Mt. Savage. It consists of two drift openings, working the Pittsburgh or Big Vein coal seam, and is developed on the double-entry system.

Ventilation is produced by natural means, and is found satisfactory. The current is conducted to the working faces by approved brattices and doors. Drainage is kept in a lawful condition by natural means and ditches. The roof is good and the timbering well looked after.

During the year 1921-1922 they employed 12 men, worked 30 days, and produced 500 tons of coal.



## VINCENT ENGLE &amp; SONS COAL COMPANY.

Vincent Engle.....Mine Foreman.

The Vincent Engle & Sons Coal Company is located about one mile east of Eckhart. It is a drift opening working the big vein coal seam. During the year 1921-1922 they employed 8 men, worked 200 days, and produced 2,300 tons of coal.

## GEORGE'S CREEK COAL MINING CO.

MINE NO. 1.

Frank Quinn.....Mine Foreman.

The George's Creek Coal Mining Co., Tyson No. 1, is located at Lonaconing, working the Tyson or Sewickley seam of coal, and is a drift opening, developed on the double-entry system.

Ventilation is produced by electrical-driven fans, and is found to be in a very satisfactory condition.

During the year 1921-1922 they employed 56 men, worked 166 days, and produced 19,898 tons of coal.

MINE NO. 2.

Joseph Todd.....Mine Foreman.

Waynesburg Mine of the George's Creek Coal Mining Co. is located at Lonaconing. It is a drift opening, working the Waynesburg seam of coal.

Ventilation is by natural means and is found to be in a satisfactory condition.

During the year 1921-1922 they employed 39 men, worked 52 days, and produced 2,097 tons of coal.

MINE NO. 3.

R. L. Greene.....Mine Foreman.

Jackson No. 3 Mine of the George's Creek Coal Mining Co. is located at Barton. It is a drift opening, working the Pittsburgh Big Vein seam of coal.

Ventilation is by natural means and found to be in a satisfactory condition.

During the year 1921-1922 they employed 18 men, worked 144 days, and produced 7,206 tons of coal.

MINE NO. 4.

Frank Quinn.....Mine Foreman.

Jackson No. 4 Mine of the George's Creek Coal Mining Co. is located at Lonaconing, working the Pittsburgh or Big Vein seam of coal. During the year they employed 6 men, worked 253 days, and produced 2,634 tons of coal.

## BOAL AND LANGHAM COAL COMPANY.

Herbert Langham.....Mine Foreman.

The Boal and Langham Coal Company is located about one mile west of Barton, and is a drift opening, working the Bakerstown coal seam.

During the year 1921-1922 they employed 8 men, worked 43 days, and produced 1,204 tons of coal.

## ROBERT GRIFFITH COAL COMPANY.

Robert Griffith.....Mine Foreman.

The Robert Griffith Coal Co. is located at Frostburg, working the Tyson coal seam.

During the year 1921-1922 they employed 7 men, worked 300 days, produced 1,897 tons of coal.

## STANTON AND GEORGE'S CREEK COAL CO.

Louis Stanton.....Mine Foreman.

Stanton's Mine is located on the west side of Braddock's Run, one mile south of Clayville, along the Old National Road. It is a drift opening, working the Kittanning seam of coal.

During the year 1921-1922 they employed 6 men, worked 50 days, and produced 775.6 tons of coal.



## HAMPSHIRE BIG VEIN COAL CO.

William Rogan.....Mine Foreman.

Hampshire Big Vein Coal Co. Mine No. 1 is located at Reynolds, near Harton. It is a drift opening, working the Pittsburgh or Big Vein coal seam.

Ventilation is by natural means, and is found to be in satisfactory condition.

During the year 1921-1922 they employed 8 men, worked 12 days, and produced 4,500 tons of coal.

## CLAIR COAL COMPANY, INC.

T. A. Harris.....Mine Foreman.

Burrer Mine No. 6 is located on the west side of the George's Creek, near Franklin. They are drift openings, and working the Bakerstown coal seam, and is developed on the double-entry system.

The ventilation is well distributed, being produced by a large semi-driven fan, and the air conditions are good. Drainage is by natural means and ditches.

During the year 1921-1922 they employed 17 men, worked 182 days, and produced 8,050 tons of coal.

## MARYLAND COAL COMPANY.

Robert Merbaugh.....Mine Foreman.  
Felix Foote.....Mine Foreman.

The Maryland Coal Company Big Vein and Tyson Mine is located on the west side of George's Creek and Louanconing.

Tyson No. 1 is a drift opening, working the Tyson coal seam, and is developed on the double-entry system.

Ventilation is produced by a motor-driven fan, and is found in a satisfactory condition.

Big Vein No. 2 is a drift opening, working the Pittsburgh seam. Ventilation is produced by a motor-driven fan.

During the year they employed: No. 1, 120 men, worked 8 days, and produced 3,795.8 tons of coal; No. 2, employed 51 men, worked 26 days, and produced 9,639.5 tons of coal.

## MINE NO. 4.

Baley Burns.....Mine Foreman.

Mine No. 4 of the Maryland Coal Co. is located at Moscow. It is a drift opening, working the Bakerstown coal seam.

Ventilation is by natural means. During the year they employed 18 men, worked 9 days, and produced 585.8 tons of coal.

## R. J. ROSS COAL MINES, INC.

## MINES NOS. 1 AND 3.

Luther Evans.....Mine Foreman.

Mines Nos. 1 and 3 of the R. J. Ross Coal Mines, Inc., is located near Bloomington. They are drift openings working the Upper Kittingham coal seam.

Ventilation is produced by fan driven by electric motor.

During the year No. 1 employed 18 men, worked 150 days, and produced 8,509.9 tons of coal. No. 3 employed 18 men, worked 150 days, and produced 4,254 tons of coal.

## MINE NO. 2.

J. P. Guy.....Mine Foreman.

No. 2 Mine of the R. J. Ross Coal Mines, Inc., is located near Bloomington, on a branch of the Western Maryland Railroad. It is a drift opening, working the Bakerstown coal seam.

Ventilation is produced by a fan driven by an electric motor. During the year 1921-1922 they employed 44 men, worked 150 days, and produced 1,529.11 tons of coal.

## MIDDLETHIAN COAL COMPANY.

Win. Walters.....Mine Foreman.

Middlethian Coal Company is located at Middlethian, about two miles west of Frostburg. The mine consists of five drift openings, working the Tyson and Big Vein coal seam.



Ventilation is produced by natural means and is found to be very satisfactory. Drainage is generally good and is by natural means and ditches. The roof is of dangerous character, being near the outcrop, and, therefore, requires very careful timbering. The timbering is carefully looked after.

During the year 1921-1922 they employed 19 men, worked 95 days, and produced 2,008.13 tons of coal.

#### WESTERNPOINT COAL COMPANY.

Michael T. Daily..... Mine Foreman.

The Westport Mine is located at Franklin. It is a drift opening working the Lower Kittanning coal seam.

Ventilation is produced by electric fan and is conducted to the working faces by doors and brattices. Drainage is difficult in sections, however; it is kept in good condition by electric pumps.

During the year 1921-1922 they employed 3 men, worked 20 days and produced 219 tons of coal.

#### SULLIVAN BROS. COAL COMPANY.

J. P. Barry, Bernard D. Byrnes... Mine Foremen.

Sullivan Mine No. 1 is located near Eckhart. It is a drift opening, working the Upper Sewickley, better known as the Tyson coal seam, and is developed on the double-entry system.

Sullivan Mine No. 2 is located at Carlos. This mine consists of 2 drift openings and one slip opening, working the Pittsburgh or Big Vein coal seam.

During the year 1921-1922 they employed 72 men, worked 140 days and produced 2,666 tons of coal.

#### STOREY & STAPLETON COAL CO.

The Storey & Stapleton Coal Co. is located at Yale Summit; it is a drift opening, working the Big Vein Coal seam.

During the year 1921-1922 they employed 4 men, worked 92 days, and produced 800 tons of coal.

### DESCRIPTION OF MINES IN GARRETT COUNTY, 1921-1922.

#### WOLF DEN COAL COMPANY.

W. R. Jones..... Mine Foreman.

Wolf Den Coal Co. No. 1 is located at Shalhar, on the Western Maryland Railroad, and is a drift opening, working the Upper and Lower Kittanning coal seams.

Ventilation is produced by a large fan driven by electric motor and is conducted to the working faces by approved doors and stoppings in a lawful manner. Drainage and timbering is well looked after.

During the year 1921-1922 they employed 184 men, worked 160 days, and produced 77,249 tons of coal.

#### W. C. PRICE COAL COMPANY.

Roy Butts..... Mine Foreman.

(Addwell Mine of the W. C. Price Coal Co. is located at Gorman on the main line of the Western Maryland Railroad. It is a drift opening, working the Freeport coal seam.

During the year they employed 11 men, worked 130 days, and produced 1,459 tons of coal.

#### BILLMEYER COAL COMPANY.

Ray Billmeyer..... Mine Foreman.

Billmeyer Coal Company is located on the Jennings Railroad near Jennings, and is a drift opening, working the Bakerstown coal seam.

During the year they employed 10 men, worked 12 days, and produced 982.5 tons of coal.

#### BLAINE MINING COMPANY.

George Boyd..... Mine Foreman.

Blaine Mining Company Nos. 1 and 2 are located at Potomac Manor, on the west side of the Potomac River, on the main line of the Western Maryland Railroad. They are drift openings, working the Lower Kittanning coal seam, and is developed on the double-entry system.



Ventilation is produced by a twelve-foot fan, and conducted to the working faces in a lawful manner by doors and stoppings. Drainage is kept in a lawful condition by means of ditches. During the year 1921-1922 they employed 149 men, worked 80 days, and produced 32,662 tons of coal.

**GARRETT COUNTY COAL & MINING COMPANY.**

William H. Gibson..... Mine Foreman.

Garrett County Coal Mining Company Dodson Mines Nos. 1, 3, 6 and 7 are located at Dodson, on the main line of the Western Maryland Railroad. It consists of four drift openings, working the Kittanning coal seams.

Ventilation is produced by approved fans and the air is conducted to the working faces in a lawful manner.

The roof is of the usual character which overlies the Lower Kittanning seam, therefore, requires a great deal of timbering.

During the year 1921-1922 they employed 96 men, worked 43 days, and produced 12,377.14 tons of coal.

**DAVIS COAL & COKE COMPANY.**

J. B. Watkins..... Mine Foreman.

Davis Coal & Coke Co. No. 42 Mine is located at Kempton. This is a shaft opening, working the Lower Kittanning coal seam.

Ventilation is produced by an approved fan driven by electric motor. It is conducted to the working faces by approved overcasts, doors and stoppings, and the air conditions are good. Drainage is kept in a lawful condition by means of pumps.

During the year 1921-1922 they employed 190 men, worked 98 days, and produced 110,395 tons of coal.

**HAMMILL COAL & COKE COMPANY.**

W. D. Walker..... Mine Foreman.

Hammill Coal & Coke Company Mines Nos. 1 and 2 are located about one mile south of Kitzmiller, on the main line of the Western Maryland Railroad. It consists of two drift openings, working the Kittanning and Freeport coal seams.

Ventilation is produced by fan, and is conducted to the working faces by doors and stoppings. Drainage is difficult but kept in a lawful condition. During the year 1921-1922 they employed 142 men, worked 48 days, and produced 19,838 tons of coal.

**GEORGE HOOVER COAL COMPANY.**

George Hoover..... Mine Foreman.

Hoover Mine is located at Jennings, on the Jennings Branch Railroad, it is a drift opening working the Honeycomb coal seam.

During the year they employed 22 men, worked 78 days, and produced 585 tons of coal.

**PENDERGAST & ASHBY COAL COMPANY.**

Everett Castell..... Mine Foreman.

Pendergast & Ashby Coal Company Nos. 1 and 2 are located near Crellin, on the Kendall Branch Railroad. It is a drift opening, working the Lower Kittanning coal seams.

During the year 1921-1922 they employed 25 men, worked 4 days, and produced 222 tons of coal.

**THE MANOR COAL COMPANY.**

Stephen Treverton..... Mine Foreman.

Manor Coal Company No. 1 is located at Vindex, on the Chaffer Branch Railroad about three miles east of Kitzmiller, they are drift openings, working the Upper Kittanning and Clarton coal seams.

Ventilation is produced by electrical driven fans and is conducted to the working faces in a lawful manner. In No. 1 Mine it requires a lot of timbering on account of the soft natured roof. Drainage is well looked after.

During the year 1921-1922 they employed 126 men, worked 105 days, and produced 49,547 tons of coal.



## W. D. ALTHOUSE &amp; COMPANY.

H. A. Flanagan.....Mine Foreman.

W. D. Althouse & Company Georgian Mine is located about one-half mile west of Gorman, and is a drift opening working the Freeport coal seam.

Ventilation is produced by a fan driven by electric motor and is conducted to the working face in a lawful manner.

During the year they employed 45 men, worked 100 days, and produced 12,739.5 tons of coal.

## MEYERS COAL COMPANY.

William P. Baker.....Mine Foreman.

Meyers Coal Company Beaulry Mine is located about one-half mile west of Grantsville, it is a drift opening, working the C. Prime coal seam.

Ventilation is by natural means and complies with the law.

During the year they employed 9 men, worked 257 days, and produced 6,471 tons of coal.

## C. E. STANTON COAL CO.

C. E. Stanton.....Mine Foreman.

C. E. Stanton Coal Co. is located at Jennings, on the Jennings Branch Railroad. During the year they employed 2 men, worked 60 days, produced 180 tons of coal.

## MORGART COAL MINING CORPORATION.

R. J. Kyle.....Mine Foreman.

Morgart Coal Mining Corporation Nos. 1, 2, 3 and 4 Mines are located about one mile west of Jennings, on the Jennings Railroad, working the Bakerstown and Upper Freeport coal seams.

During the year 1921-1922 they employed 47 men, worked 130 days, and produced 1,800 tons of coal.

## TROUT COAL COMPANY.

T. E. Wilson.....Mine Foreman.

Trout Coal Company Nos. 1 and 2 are located at Vindex, on the Chaffee Branch Railroad, working the Kittanning and Clarion coal seams.

During the year 1921-1922 they employed 24 men, worked 193 days, and produced 9,830 tons of coal.

## BAUM &amp; YOMMER.

Christ. Yommer.....Mine Foreman.

Baum & Yommer Coal Company is located near Jennings, on the Jennings Branch Railroad, it is a drift opening, working the Bakerstown or Honeycomb coal seam.

During the year they employed 8 men, worked 44 days, and produced 395 tons of coal.

## R. W. MILLER COAL COMPANY.

R. W. Miller.....Mine Foreman.

The Miller Coal Company is located on the Jennings Branch Railroad. It is a drift opening, working the Bakerstown coal seam.

During the year 1921-1922 they employed 4 men, worked 58 days, and produced 142 tons of coal.

## DESCRIPTION OF CLAY MINES.

## SAVAGE MOUNTAIN FIRE BRICK COMPANY.

Chas. Wolfe.....Mine Foreman.

The Savage Mountain Fire Brick Mine is located about three miles northwest of Frothing. It is a drift opening, working the fire clay seam.

Ventilation is by natural means, and is found to be in a satisfactory condition. Drainage is very difficult: it is, however, kept in good condition.



During the year 1921-1922 they employed 23 men, and produced 2,522 tons of clay.

#### BIG SAVAGE FIRE BRICK COMPANY.

Clarence Raley..... Mine Foreman.

The Big Savage Fire Brick Company Mines are located on the Big Savage Mountain, about three miles northeast of Frostburg. They are drift openings, working the fire clay seam.

Ventilation is produced by a shaft being driven to the top of the mountain, and is conducted to the working faces by approved doors and stoppings.

During the year 1921-1922 they employed 25 men, worked 300 days, and produced 9,688.7 tons of clay.

#### THE ANDREW RAMSAY FIRE CLAY COMPANY.

Henry Lowery..... Mine Foreman.

Ellerslie Mine is located about two miles southwest of Ellerslie and is a drift opening, working the fire clay seam.

Ventilation is by natural means, and is found to be satisfactory. Drainage is kept in a lawful condition. The roof is of the usual character, which overlies the clay seam. It requires a great deal of timbering.

During the year they employed 4 men, worked 175 days, and produced 875 tons of clay.

#### UNION MINING COMPANY.

S. J. Alden..... Superintendent.

Union Mining Company Fire Clay Mines are located about three miles west of Mt. Savage, on the Savage Mountain. They are drift openings, working the clay seam.

Ventilation is produced by a fan and is conducted to the working faces in a lawful manner. The drainage is by natural means and ditches, and is in fairly good condition. The roof requires a great deal of timbering.

During the year 1921-1922 they employed 92 men, worked 111 days, and produced 5,263 tons of clay.

## NEW MINE LAW.

### LAWS OF MARYLAND, SESSION OF 1922.

#### CHAPTER 307.

AN ACT to add one hundred and sixty-one new sections to Article 89 of the Annotated Code of Maryland, title "Statistics and Information as to Branches of Industry"; said new sections to be under the sub-title "Bureau of Mines;" to be known as Sections 16 to 176, inclusive, and to follow immediately after Section 15 of said Article, to provide a code of laws to protect the health and safety of persons employed in and about the bituminous coal mines of Maryland, and to protect and preserve property connected therewith, and to establish in the State Board of Labor and Statistics a bureau to be known as the Bureau of Mines, to define the functions, duties and powers of said bureau and for other purposes; and to repeal Sections 196, 197 (as amended by Chapter 410 of the Acts of 1916), 198, 199 (as amended by Chapter 410 of the Acts of 1916), 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 209a, 209b, 209c, 209d, 209e, 209f, 209g, 209h (as amended by Chapter 361 of the Acts of 1910), 209j, 209k, 209l, 209m, 209n, 209o, 209p (as amended by Chapter 243 of the Acts of 1904), and Section 209q down to and including sub-section F of said section of Article 1 of the Code of Public Local Laws of Maryland, title "Allegany County;" sub-title "Mining and Mine Inspector," and to repeal Sections 150, 151 (as amended by Chapter 410 of the Acts of 1916), 152, 153 (as amended by Chapter 410 of the Acts of 1916), 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 164a, 164b, 164c, 164d, 164e, 164f, 164g (as amended by Chapter 361 of the Acts of 1910), 164h, 164i, 164j, 164k, 164l, 164m, 164n, 164o (as amended by Chapter 243 of the Acts of 1904), and Section 164p down to and including sub-section F of said section of Article 12 of the Code of Public Local Laws of Maryland, title "Garret County;" sub-title "Manufactures and Mines."

SECTION 1. *Be it enacted by the General Assembly of Maryland.* That 161 new sections are hereby added to Article 89 of the Annotated



Code of Maryland, title "Statistics and Information as to Branches of Industry," said new sections to be under the sub-title "Bureau of Mines," and to be known as sections 16 to 176, inclusive, and to follow immediately after Section 15 of said Article, and that Sections 196, 197 (as amended by Chapter 410 of the Acts of 1916), 198, 199 (as amended by Chapter 410 of the Acts of 1916), 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 209a, 209b, 209c, 209d, 209e, 209f, 209g, 209h, (as amended by Chapter 361 of the Acts of 1910), 209i, 209j, 209k, 209l, 209m, 209n, 209o, 209p (as amended by Chapter 243 of the Acts of 1904), and Section 209q down to and including sub-section F of said section of Article 1 of the Code of Public Local Laws of Maryland, title "Allegany County," sub-title "Mining and Mine Inspector," and Sections 150, 151 (as amended by Chapter 410 of the Acts of 1916), 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 164a, 164b, 164c, 164d, 164e, 164f, 164g (as amended by Chapter 361 of the Acts of 1910), 164h, 164i, 164j, 164k, 164l, 164m, 164n, 164o (as amended by Chapter 243 of the Acts of 1904), and Section 164p down to and including sub-section F of said section of Article 12 of the Code of Public Local Laws of Maryland, title "Garrett County," sub-title "Manufactures and Mines," are hereby repealed. Said Sections 16 to 176 to read as follows:

#### BREVÉ OF MINES.

SEC. 16. For the purposes of this Act, the terms and definitions contained herein shall be held, construed and understood as follows:

Approved: Unless the context requires a different sense, the word "approved" means and refers to approbation evidenced by a written certificate or official letter of the Bureau, approving a device, plan, formula, method, machine or course of action.

Approved Equipment means equipment admitted by the Bureau to its approved lists under Bureau regulations after tests satisfying such Bureau that such equipment is safe and is adapted to its intended use.

Authorized person means any person commissioned by an official in charge in or at a mine to perform certain prescribed duties under his authority.

Communication Device means any device employed to transmit intelligence, instructions or warning to persons not present.

Crosscut means a passage driven to connect adjacent parallel entries or rooms. The term is synonymous with "cut-through," and between rooms, when driven wide is synonymous with "break-through."

Drift means a horizontal passage-way, or level, or gangway, driven from the surface outcrop into the coal bed.

Duty as applied to a machine or device, means the particular service in which such machine or device is being employed or intended to be employed.

Electric Circuit means all conductors, including ground returns, furnishing energy to or receiving energy from electric apparatus.

Electric System means all apparatus and circuits receiving electric energy or that may receive electric energy from a common source. Where the source of power is under control of the mine, such source of power will be considered as a part of the electric system. If power is obtained from a central station not under control of such mine, the phrase shall refer only to that part of the system which is under control of such mine.

Entry means a passage way in a coal bed which is approximately level and is used for haulage, traveling way, or ventilation, in a dipping bed, entries on the strike are known as "levels" or "gangways" and to the dip are known as "slopes."

Excavations and Workings: The term "excavations and workings" includes all the excavated portions of a mine, whether abandoned or being worked; also all underground workings and shafts, tunnels, and other ways and openings, and all such shafts, slopes, tunnels, and other openings in the course of being sunk or driven, together with roads, appliances, machinery and material connected with the same below the surface.

Faces: The term "face" shall mean the advancing breast of a mine working-place, either of an entry or room.

Gas is used in the sense ordinarily employed by miners, to mean "fire damp," and inflammable gas, chiefly composed of methane, sometimes accompanied by ethane (C<sub>2</sub>H<sub>6</sub>) in case of leakage of natural gas, and explosive when mixed with air in certain proportions.

Gaseous Mine is one in which methane occurs in the mine atmosphere in such quantities as may become dangerous. If the percentage of methane in the main return exceeds one-half of one per cent., or in any split, or single return exceeds three-tenths of one per cent., the mine shall be considered a gaseous mine. Samples of the mine air shall be taken in duplicate for testing purposes when the ventilating current in such mine and mine conditions have been normal for at least twelve hours; and when a sample is found to exceed the limits, duplicate samples shall be taken and tested. If the first results are confirmed, the mine shall be rated as gaseous.

Whenever the operator of a mine previously rated as gaseous shall improve the ventilation thereof until the percentage of methane in the



main return falls below one-half of one per cent., and in each individual split falls below three-tenths of one per cent., as shown by samples taken and duly analyzed, and such condition has been maintained continuously for a period of not less than thirty days, the district mine inspector may by written certificate authorize the rating of such mine, during maintenance of such conditions, as a non-gaseous mine.

(Grounding means the establishment of an effective electric connection between the object grounded and the earth, whether the object grounded be a machine frame, a cable armor or an electric system.

Live or Alive applies to any part of an electric system, circuit, or apparatus or object in contact with or adjacent thereto, charged with electricity or generating voltage to an extent that the difference of potential between such system, circuit, apparatus or object and the earth is measurable by a voltmeter; or in case of a static charge, by an electrostatic voltmeter.

Methane is a hydrocarbon gas ( $\text{CH}_4$ ) frequently encountered in coal mines; when it is diffused through air in certain proportions of the mixture,  $5\frac{1}{2}$  to  $14\frac{1}{2}$  per cent., the mixture will explode in the presence of a flame or hot spark.

Mine includes the shafts, slopes, drifts or inclined planes connected with the excavations penetrating coal stratum or strata, which excavations are ventilated by one general air current, and all appliances and equipment for hoisting and extracting coal; and shall embrace any and all parts of the mining property and plant on the surface or underground, which contributes directly or indirectly to the mining or handling of coal, and which is connected by one general system of mine railroads, over which coal may be delivered to one or more points outside such mine. The word also includes a portion of a mine when the sense so requires.

The provisions of this Act shall not apply to any mine employing less than ten persons excepting that the provisions of Section 54, Chapter 7, Title V, Mine Management and Operation, requiring an annual report in such form as the Bureau may prescribe, shall apply to all mines without regard to the number of their employees.

Non-gaseous Mine is a mine which has not been rated as gaseous; or a mine which, having been rated as gaseous, has been re-rated as non-gaseous as prescribed in the definition of a gaseous mine, elsewhere in this section.

Operator means any firm, corporation, association or individual operating any coal mine or part thereof, whether as an owner, lessee or otherwise, and also includes the representative of such operator.

Panel means a unit area in a system of mining by which the mine is divided into large rectangles or panels isolated or surrounded by solid

pillars of coal into which pairs of entries are driven for the development of rooms and the extraction of pillars.

Permissible. Unless the context requires a different sense, "permissible" means the admission of a device, plan, formula, method, machine or course of action by the United States Bureau of Mines to a list, after actual test thereof.

Potential and Voltage. These words shall be taken as synonymous, to mean electric pressure as determined by the voltmeter.

Shaft means an opening, the axis of which is approximately vertical, extending downwards from the surface; and shall include an underground shaft driven between two levels.

Slope includes an inclined opening in a dipping coal bed and an inclined tunnel to a coal bed.

Superintendent means the person who shall, on behalf of the operator, have immediate supervision of one or more mines.

Tunnel means a level or inclined passageway driven mainly through barren strata. It may or may not come to the surface.

Ventilating Current means a current of air circulating throughout the mine excavations, of such purity that it shall contain not less than 19 per cent. of oxygen nor more than (1/4) one and one-fourth per cent. carbon dioxide. The district mine inspector shall, whenever he has reason to suspect an excessive proportion of carbon dioxide, or insufficient oxygen in the atmosphere of any mine, take such tests as the Bureau may prescribe, and upon disclosure of a ventilating current below or approaching minimum standard, require the operator by written safety order to improve the ventilation immediately.

Working Place means a room, breast, entry, cross-cut or pillar where coal is being mined or extracted and where one or more miners per working shift of the mine are regularly employed until the place is finished or stopped.

## TITLE I—ADMINISTRATION.

### CHAPTER I—Supervision.

Sec. 17. There is hereby created in the State Board of Labor and Statistics, hereinafter referred to as the Commission, a department to be known as the "Bureau of Mines," hereinafter referred to as the Bureau.

Sec. 18. The Governor shall elect and appoint from a list of eligibles prepared by the State Employment Commission, a competent person to be known as the Chief Mine Engineer, who shall be in charge of the Bureau; provided, that the first appointment under this Act



shall be made within ninety days after the passage thereof, to become effective on the first day of October, 1922, and in case of any vacancy in the said office by reason of death, resignation or otherwise, the Governor shall appoint from a list of eligibles prepared by the State Employment Commission a competent person to fill such office.

Sec. 19. No person shall be appointed Chief Mine Engineer who shall not have had at least ten years' practical experience as a mining engineer in the bituminous coal mining industry, and who does not possess a practical and scientific knowledge of the working, ventilation and drainage of bituminous coal mines and of all noxious and dangerous gases found in such mines; provided, that graduation in mining engineering from a school of recognized standing shall be considered as equivalent to two years active practice.

Sec. 20. Before entering upon the duties of his office, the Chief Mine Engineer shall take the oath prescribed by the Constitution, and he shall render an account monthly of his expenses necessarily incurred in the discharge of his duties, and also an account of the expenses necessarily incurred by the district mine inspectors which he may approve, and such expenses shall be paid by warrant of the Comptroller, in such amounts as shall not exceed such allowance as may from time to time be provided therefor by appropriation or other law.

The Chief Mine Engineer shall devote his entire time to the duties of his office, and shall have no interest, direct or indirect, in any mining operation or mining investment in this or in any contiguous State.

Sec. 21. The Bureau shall be provided such office and such branch offices for its district inspectors, with such furniture, equipment, records, books, blanks, supplies, technical instruments, textbooks and facilities as the Governor, upon recommendation of the Chief Mine Engineer, approved by the Commissioner of Labor and Statistics, may allow and as may from time to time be provided for by appropriation or other law. All such equipment, supplies and other property shall be the property of the State and remain with and for the use of the Bureau. The Chief Mine Engineer shall also be provided with such clerical help, agents, experts and other employees as the Governor may allow and as may from time to time be provided for by appropriation or other law; such employees to be appointed from lists of eligibles previously prepared and certified from for such appointment by the State Employment Commission.

#### CHAPTER II—*Duties of Bureau and Chief Mine Engineer.*

Sec. 22. The Bureau shall supervise the execution and enforcement of all laws enacted for the health and safety of persons and protection and conservation of property within, about, or in connection with bituminous coal mines or strippings in this State, and for that purpose shall make, publish and enforce necessary rules and regulations after due notice given. The duty heretofore imposed upon the Commission by the third paragraph of Section 2 of this Article to collect information in regard to the mineral products and the output of mines of this State, is hereby limited to the Bureau.

Sec. 23. The Bureau shall compile, publish and distribute to persons interested the mining laws and rules and regulations pertaining thereto. The Bureau shall carefully keep a record of all inspections and investigations, and copies of all official communications and records of all work done; and preserve all reports, statistics and information received relating to the development of coal or other mining or to the enforcement of this Act.

Sec. 24. The Bureau shall annually, to the 31st day of December in each year, prepare, publish and distribute a report showing the development of mining throughout the State, setting forth statistical and operative facts, with information as to the development of and progress of coal and other mining, including care to protect and promote the health and safety of mine employees, the methods used to conserve the economic value of the minerals of the State, and the work accomplished during the year by the Bureau and its officers; and may make recommendations for such changes or improvements as may tend to protect persons engaged in mining or conserve the minerals of the State. The reasonable cost of such report shall be provided by the Governor in the Budget.

Sec. 25. The Bureau shall assist and encourage all reasonable efforts to improve mining methods and conditions, with a view to discovering better ways of protecting life and health, extending the serviceable use of instrumentalities, and promoting the prosperity of the industry by reducing waste of natural resources and promoting economy in mining; and shall diligently compile, statistically analyze and compare all available data regarding coal or other mining processes and operations and advise persons engaged in such industry.

Sec. 26. The Chief Mine Engineer shall prepare and compile all blanks, forms or other uniform methods employed for obtaining data



or to be used in making out reports, necessary in the proper discharge of the duties of the Bureau. He shall direct and supervise the field and office work of the Bureau and of all inspectors or other employees thereof, subject to the control of the Commissioner. He shall require diligence, and prompt reports upon all services required of them by law or regulation.

SEC. 27. The Chief Mine Engineer is hereby authorized to institute in the name of the State, proceedings to enforce any provision of this Act or of any regulation pursuant thereto; and to that end to institute actions at law, suits in equity or prosecutions; but such power shall not exclude any right of any person interested to invoke the usual and ordinary process of the courts against violators of the mining laws. In case any suit or proceeding is instituted by or against the Chief Mine Engineer or any district mine inspector, regarding any of the provisions of this Act, such Chief Mine Engineer or district mine inspector shall have the legal assistance of the Attorney-General.

## TITLE II—INSPECTORS AND INSPECTIONS.

### CHAPTER III—*Mine Inspectors.*

SEC. 28. The Governor shall, upon the recommendation of the Chief Mine Engineer, appoint from a list of eligibles previously established by the State Employment Commission, such number of district mine inspectors, not less than two, as may from time to time be authorized by appropriation or other law. Before entering upon his duties, each such district inspector shall take oath prescribed by the Constitution. Each district inspector shall be reimbursed his necessary traveling expenses upon monthly accounts properly supported by vouchers approved by the Chief Mine Engineer, within such amount as shall not exceed such allowance as may from time to time be provided therefor by appropriation or other law.

SEC. 29. Such district mine inspectors shall be reputable citizens of Maryland, of temperate habits and known integrity, who shall each have attained the age of thirty years, and shall have had at least five years' practical experience as a working employe in the underground operations of coal mines in this State; who shall have passed a mine foreman examination before the Examining Board hereinafter provided for, and obtained a certificate of competency with a passing grade at least equal to eighty-five per centum, and shall have satisfied the State Employment Commission that he has such theoretical and practical knowl-

edge of the working, ventilation, drainage and operation of bituminous coal mines and of all noxious and explosive gases found therein, and of the mining law of this State, and such personal fitness and ability as to be suited for the duties of such district mine inspector; provided, that four years after the passage of this Act, such district mine inspector shall be required to pass the first-grade mine foreman examination with a passing grade at least equal to eighty-five per centum.

SEC. 30. Each of such district mine inspectors shall be assigned by the Bureau, and at need reassigned, to a prescribed inspection territory. The districts, covering the mining area of the State, shall be divided and from time to time redivided so as to be approximately equal in extent of labor and expense of inspection imposed upon each of such district mine inspectors. Each of such inspectors shall reside and maintain his office within the territory to which he may respectively be assigned. Each of such inspectors shall devote his entire time to the duties of his office, and shall have no interest, direct or indirect, in any mining operation or mining investment in this or any contiguous State.

SEC. 31. Should a district mine inspector become temporarily incapacitated, he suspended for cause, or receive a leave of absence from the Bureau, the Chief Mine Engineer may employ temporarily, subject to the rules of the State Employment Commission, a competent person to fill the office until the return to duty of such inspector; provided, that such temporary employment shall not exceed ninety days; and provided further, that such temporary employe shall be paid at the rate of compensation allowed such inspector.

### CHAPTER IV—*General Duties and Powers of District Inspectors.*

SEC. 32. It shall be the duty of each district mine inspector, not less frequently than six times in each year in gaseous mines, and not less frequently than three times in each year in non-gaseous mines, to enter into and thoroughly inspect every working-place and other excavation, machine, facility and process and all outside works, ways and plants of every coal mine in his inspection district or to which he may be assigned, to see that the mine laws and regulations are strictly observed and carried out; and at need to make additional visits to such mines to investigate in case of accident occurring therein or thereat. Such inspection or investigation may be made at any hour, but not so as to impede unnecessarily the proper working of such mine. The inspector shall immediately after each visit make out a report in triplicate, one copy to be for the operator to be by him posted under glass for thirty



days at or near the principal mouth of the mine, convenient for observation by employees, and to be preserved thereafter for one year; one for the Chief Mine Engineer; and one to be retained by the district mine inspector. Such report shall state the conditions found in every part of the mine, in detail; and may include suggestions and recommendations looking toward improvement of conditions and better law observance; and shall especially bring to the attention of the operator or any other person concerned, and be notice to them and any of them, of any instance of violation of law or regulations observed, at, in or about such mine. A report of such visits, summarized as to conditions found and recommendations made, shall be made monthly by each such inspector to the Bureau.

Sec. 32. It shall be the duty of each inspector to see to the strict enforcement of all laws and regulations relating to mining; to investigate all violations thereof; to file complaints and to make affidavits against any violators before the proper courts or tribunals, and to see to the enforcement of all penalties prescribed for disobedience to such laws and regulations. Each of such inspectors shall exercise sound discretion in such enforcement; if in his judgment any matter, thing or practice in or connected with any mine is or may become dangerous or defective and thereby endanger the bodily safety of any person, such inspector may give written notice to the operator of such mine by way of special safety order, a copy of which shall also be sent to the Chief Mine Engineer; in which safety order shall be stated in detail the particulars wherein such matter, thing or practice is or may become dangerous or defective, and require it to be remedied, suggesting such changes as the conditions described may require. If the operator contends that the matter, thing or practice is not in fact dangerous, nor likely to become dangerous, such inspector shall refer the subject matter to the Chief Mine Engineer for his examination and determination; provided, that if the matter, thing or practice involve the safety of a mine or any considerable portion of a mine, and the operator after receipt of such order neglects or refuses to take immediate steps to remedy such matter, thing or practice, the inspector shall notify the Chief Mine Engineer, who shall with a district mine inspector immediately make a full investigation, and provided further, that if the Chief Mine Engineer and district inspector agree as to the danger and confirm such safety order, or modify and confirm such safety order as modified, the Chief Mine Engineer shall have power to institute proceedings before the Circuit Court of the county within which the affected mine is located, to restrain such operator from further operating such mine until compliance with such safety order. Such court, or if not in ses-

sion, then a judge thereof in chambers, shall immediately proceed to fully hear and determine the case, and may make such orders therein, confirming, modifying, correcting and enforcing or vacating said safety order as may appear just and proper; and the costs thereof may be awarded as the court may think just.

Sec. 34. Each of such district mine inspectors shall annually, on such date and as the Bureau by regulation may prescribe, report to the Bureau such data and information as the Bureau may require, including reports upon each accident during the year, with the name, special occupation and service in which engaged at the particular time, of any person injured or killed, the mine, and the nature and cause of the accident; together with recommendations tending to prevent similar accidents.

### TITLE III—EXAMINING BOARD.

#### CHAPTER V—*Creation, Duties and Powers.*

Sec. 35. Upon the recommendation of the Chief Mine Engineer, the Governor shall appoint two persons, one a miner and the other an operator, who with the Chief Mine Engineer shall constitute an Examining Board, of which the Chief Mine Engineer shall be chairman, ex officio. Each of such persons shall be a citizen of the United States and a resident of the State of Maryland, not less than thirty years of age, shall have had not less than five years' practical experience in the coal mining industry immediately preceding his appointment, and shall be a man of integrity, known intelligence and knowledge of his occupation. Such members shall remain in office until upon like recommendation their successors or any of them are appointed and qualified. Before entering upon their duties each of the members of such Examining Board shall take and subscribe the oath provided by the Constitution. Such Examining Board shall be provided such office room, meeting space, equipment, stenographic and other assistance, supplies and facilities as may be approved by the Governor. Stenographic help and other employees of the Board shall be selected in accordance with the rules of the State Employment Commission. Each of such associate members shall be paid for each day of services rendered as member, a salary of six dollars, together with necessary traveling expenses, not exceeding two hundred dollars in any year for such expenses.

Sec. 36. The Examining Board shall meet at such places as it may select, convenient for applicants for examination, as soon as



possible after their appointment, and annually thereafter; and at need upon call of their chairman in special meetings for the purpose of preparing for or conducting examinations, not more frequently than twice in any year; provided, that such Examining Board may not sit for examination longer than four days at any meeting. At least thirty days' notice of any meeting for examination shall be given by posters placed at each mine and local postoffice in or contiguous to coal mining territory throughout the State.

Sec. 37. The Examining Board shall have power to make necessary rules and regulations, copies whereof shall be published and supplied to applicants upon request.

Sec. 38. Each applicant for a certificate of competency shall be required to answer in writing at least ten questions designed to discover his knowledge of mining theory, including ventilation, drainage and mining methods; and of the mining laws of Maryland; and in examinations for first-class mine foreman certificates and for fire loss certificates; as to his theoretical knowledge of noxious and explosive gases found in coal mines. Such applicant shall also be required to answer orally, if practicable during a visit to a coal mine, and in examinations for first-class mine foreman certificates and for fire loss certificates, in a gaseous coal mine, at least ten questions upon practical mine problems designed to display his perception, resourcefulness and practical judgment. The oral questions and replies thereto shall be reduced to writing and become a part of the record of such examination. The Examining Board shall grade applicants upon a basis of one hundred points credited for perfect answers, allowing equal weight for each qualification of theoretical knowledge, perception, resourcefulness and judgment; and rejecting any applicant failing to receive 70 points upon all four qualifications combined. Each applicant shall be notified the grade accorded him.

Sec. 39. No applicant for a certificate of competency shall be admitted to an examination until he has filed upon a form to be provided by the Bureau, a sworn statement as to all matters of fact establishing his right to receive the examination, a certificate of good character and temperate habits signed by at least ten residents of the community in which he lives, and the fee prescribed for the examination to be taken, together with the following particular qualifications shown:

(a) Applicants for first-class mine foreman certificate of competency shall produce evidence satisfactory to the Examining Board that they are citizens of Maryland, at least 24 years of age; and shall furnish

a verified history of their experience in mining employment, showing in detail the several mines in which they have worked, their location, the particular occupations followed therein during a period of at least five years, and particularly their knowledge of gaseous mines and the extent of the experience therein; and shall pay an examination fee of five dollars to the State.

(b) Applicants for second-class or assistant mine foreman certificates of competency shall produce evidence satisfactory to the Examining Board that they are residents of Maryland, at least twenty-four years of age, and shall furnish a verified history of their experience in mining employments, showing in details the several mines in which they have worked, their location, the particular occupations followed therein during a period of at least five years; and shall pay an examination fee of one dollar to the State.

(c) Applicants for fire-loss certificates of competency shall produce evidence satisfactory to the Examining Board that they are residents of Maryland, at least twenty-one years of age, and shall furnish a verified history of their experience in mining employments, showing in detail the several mines in which they have worked, their location, the particular employments followed therein during a period of at least one year, and particularly their knowledge of gaseous mines and extent of experience therein; and shall pay an examination fee of three dollars to the State.

Sec. 40. Each successful applicant shall upon paying a certificate fee of one dollar to the State be entitled to a certificate of competency, to be signed by the Examining Board. Such certificate shall state the name, age and residence of the person certified, the position for which qualified, and his experience; and upon such certificate shall be mounted a photograph of the holder to be furnished by himself across which shall be impressed the seal of the Examining Board. No certificate shall be transferable. In case of loss or destruction of a certificate, the Examining Board upon being satisfied thereof shall supply a copy of such certificate to the person losing the same, upon payment to the State of a fee of fifty cents.

Sec. 41. Any person or persons who shall forge or counterfeit a certificate of competency, or knowingly make or cause to be made any false statement in any certificate under this Act, or any official copy of same, or shall urge others to do so, or shall use any such forged or false certificate, or any official copy of such, or shall knowingly make, give, alter or produce, or make use of any false declaration, representation



or statement in any certificate or copy thereof to obtain any certificate or any document containing the same, shall be guilty of a misdemeanor.

Sec. 42. The Examining Board shall provide for the keeping of the applications for such certificates, the supporting evidences, and the records of the examinations as a permanent record; and shall endorse upon each such application their action thereon.

Sec. 43. If any applicant shall feel himself aggrieved upon a refusal of a certificate of competency by the Examining Board, he may apply to the State Employment Commission, which shall review the examination and refusal; and if they find such refusal unwarranted, may direct a correction thereof; and from such review he may appeal by petition to the Circuit Court for the county within which he resides, and such court shall have power to hear and determine the matter, issuing such orders therein as may be just.

Sec. 44. If it shall be established to the satisfaction of the Examining Board that the holder of any certificate theretofore issued by such Examining Board has by reason of violation of law, fraud, intemperate habits, incapacity or other good cause, become unworthy to hold the same, such certificate may be canceled, or the right to use the same suspended for not longer than two years; provided, that the Chief Mine Engineer, upon being satisfied that the person holding any certificate is incompetent or otherwise unworthy, and that such person if allowed to continue to hold such certificate may do or permit acts or conditions tending to endanger the lives or health of persons employed in or about any mine, may suspend the right of such person to use such certificate until the convening of the Examining Board, not exceeding thirty days; giving notice of his action to the holder of such certificate and to his employer; and provided further, that any person against whom charges or complaints are made hereunder shall have the right to appear before said Examining Board and defend himself; and he shall be given fifteen days' notice in writing of such charges by the Examining Board, previous to the hearing. Such hearing shall be held at the call of the chairman, within a reasonable time after charges or complaints have been filed with such Examining Board, but in no case longer than thirty days thereafter. Any person whose certificate of competency has been canceled shall be eligible to take an examination for a new certificate on and after two years from the date of such cancellation.

Sec. 45. Service Certificates shall be granted by the Examining Board without examination, to mine foremen, assistant mine foremen

and fire bosses who now are acting in such capacities in any mine in this State upon filing with such Examining Board proper affidavits in form prescribed by such Examining Board, together with an application for such service certificate showing experience not less than is required of applicants for the examination therefor, supported by equal and similar evidences of character and general fitness; such application to be made within six months after this Act becomes effective. Such certificate shall be endorsed as "service certificate"; be similar in form to a certificate of competency and have like effect for the purposes of this Act, while the holder thereof remains in the employment of the same operator and for a period not exceeding five years from and after the passage of this Act. A fee of three dollars shall be paid by the applicant therefor to the State, before such certificate is issued.

#### TITLE IV—MAPS AND SURVEYS.

##### CHAPTER VI—*Maps required.*

Sec. 46. The operator of any coal mine in this State shall make, or cause to be made by a competent mining engineer or surveyor, an accurate map of such mine for each seam of coal worked, on a scale of not less than two hundred feet to the inch, which may show as follows:

(a) The boundary lines of the property, the location of all buildings, railway tracks, wagon or other roads, rivers, streams, lakes and ponds, with the depth thereof indicated, and other important landmarks on the surface of such property; with connecting lines of contiguous properties indicated and especially any lines with relation to contiguous mines or coal properties.

(b) The openings, excavations, shafts, slopes, drifts tunnels, planes, entries, rooms and cross-cuts, and the name and/or location number of each, if so identified.

(c) The elevation datum at top and bottom of each shaft and slope and of all drifts, tunnels, planes and at the faces of entries, as found at each semi-annual survey; and in rooms and entries adjacent to boundary lines between such mine and any adjoining mine, at points not more than three hundred feet apart; with the date of entry of each such datum; the location and elevation of any body of water dammed within or held back in any portion of such mine, giving as nearly as ascertainable, the true area of such body of water.



(d) The direction of the air currents in such mine, indicated by arrows.

Sec. 47. Whenever the workings of any mine approach within three hundred feet of the boundary line between such mine and any adjoining mine, the operator thereof shall notify the district mine inspector; who shall ascertain whether the workings of such adjoining mine are, at their nearest point, within three hundred feet of such boundary line, and immediately inform the operators of both such mines; and such operators shall have the approaching workings of such mines surveyed and shown upon the maps of both mines; and for the purpose of such mapping such inspector shall give written permits to engineers of either or both operators to enter and survey such adjoining workings of either mine.

Sec. 48. The original map hereinbefore provided to be made, or a true copy thereof, shall be kept in the mine office at the mine, for the use of the mine officials and the mine inspectors, and for the inspection of any person working in said mine whenever any such person shall reasonably so desire.

Sec. 49. Every six months the operator of every such mine shall cause to be accurately shown on the map hereinbefore required to be made, and upon the copies thereof herein provided for, all extensions of such mine and mine workings, made during the intervening period, and all portions of such mine and mine workings, discontinued and abandoned.

Sec. 50. The operator shall furnish the district mine inspector for his official use, to remain in the custody of the Bureau and not without consent of such operator to be made public, a good blue print or other exact reproduction of the original map hereinbefore provided to be made; and every six months thereafter an additional reproduction showing the extension thereof.

Sec. 51. Whenever a mine is worked out or abandoned, the operator shall within sixty days thereafter extend the map of such mine to clearly show all worked out or abandoned territory, and shall furnish the district mine inspector with a good reproduction thereof, and a like copy to the Bureau, to be kept as a public document. Upon all original maps and reproductions thereof shall be endorsed a certificate signed by the mining engineer or surveyor who prepared the same, that said map and the reproduction thereof are duplicates in every particular

and accurately show the lines therein portrayed; and upon the reproductions furnished the district mine inspector shall be endorsed a signed statement of the mine foreman that he has carefully examined the map and reproduction; that the reproduction is an accurate copy of the original map, and that said map accurately represents the mine property within his personal knowledge thereof.

Sec. 52. Whenever the district mine inspector shall have reason to suspect that any mine workings approach dangerous accumulations of water or of dangerous gases, such inspector shall have power by special safety order to require that the operator cause the suspected portion of such mine to be immediately surveyed and entered upon the map of such mine.

Sec. 53. Whenever the district mine inspector shall have reason to believe that any map of any mine or reproduction thereof furnished to him pursuant to the provisions of this Act is inaccurate or imperfect, he shall have power to order a survey of such mine or any portion thereof which he may believe to have been incorrectly mapped; and the cost of such survey shall be recoverable from the operator as other debts are recoverable by law; provided, that if the map claimed by such inspector to be inaccurate or imperfect shall be found to be sufficiently accurate for its intended purpose, then the reasonable cost of such survey shall be a charge payable by the State.

## TITLE V—MINE MANAGEMENT AND OPERATION.

### CHAPTER VII—General Duties of Operator.

Sec. 54. Every operator of a mine in this State shall annually, on or before the first day of March in each year, make to the Bureau a report, under oath, upon uniform blank forms to be furnished by the Bureau, covering such facts regarding the production and conditions of such mine during the calendar year last preceding, as the Bureau may require.

Sec. 55. On or before the 25th day of each month, every operator of a bituminous coal mine shall if required make such report to the district mine inspector upon blank forms to be furnished by the Bureau, covering such facts regarding the production and conditions of such mine during the preceding calendar month, as the Bureau may reasonably require for the use of such inspector.



Sec. 56. Every such operator shall give the Bureau immediate notice in such manner as such Bureau may prescribe, in any of the following cases:

(a) When any change occurs in the name of the operator of a mine, or of an executive official concerned in the operation of such mine; or in the designation of such mine.

(b). When a mine has been abandoned, or the working thereof discontinued.

(c) When work has commenced for the purpose of opening a new mine; together with sketch maps outlining the plans intended to be pursued in opening the same.

(d) When the working of a mine is resumed after an abandonment or discontinuance for a period exceeding two months.

(e) When a squeeze, crush, or fire occurs, or a dangerous leak of water or explosive or noxious gas is found.

Sec. 57. Every such operator shall have authority to adopt such regulations, not inconsistent with this Act or the regulations of the Bureau pursuant thereto, as the Chief Mine Engineer may approve; which regulations shall apply only to such matters as tend to the preservation of life, health and property and the prevention of injury to the employees of the mine; and which regulations shall be printed by the operator in all languages spoken by not less than ten employees at such mine, both in pamphlet form for distribution to every employee desiring the same, and upon large placards to be posted at conspicuous places at and within the mine; and when so posted all the employees shall be deemed to have notice and to have agreed to the provisions thereof; provided, that nothing herein contained shall be construed to deprive the operator of any mine subject to this Act of any power of ownership, management and control not affected by this Act or existing law.

Sec. 58. Every such operator shall obtain from the Bureau and keep on hand at the mine a supply of the printed laws, rules, regulations, notices, forms and record books required by this Act, and shall see that such supplies are delivered to the proper persons in his employ and are by them properly cared for and used, or distributed when their distribution is required.

Sec. 59. Every such operator shall require the superintendent or managing official in charge of such mine, at least once every week,

to examine carefully, read and countersign in ink all reports entered in the mine record book by the mine foreman; and if he finds on such examination or otherwise that the law is being violated in any particular, to stop such violation immediately; and every such operator shall require the superintendent or other managing official in charge of such mine, and all other officials in whatever capacity, to comply with the provisions of this Act, and especially not to obstruct the mine foreman or other officials in the fulfillment of their respective duties. It shall be the duty of the operator, by a representative other than the mine foreman, to visit every working place in each such mine once every sixty days, and to note the condition of such working place.

Sec. 60. Every such operator shall assist the Bureau and its officers in making any proper inspection or investigation, and shall promptly execute every proper order made under the provisions of this Act; and whenever any such operator shall wilfully neglect or refuse to obey any such order, or shall interfere with or hinder such Bureau or any of its inspectors or agents in the proper discharge of their duties, such willful neglect, refusal, interference or hindrance shall constitute a misdemeanor.

#### CHAPTER VIII—*Mine Foremen and Assistants.*

Sec. 61. In order to secure efficient management and proper ventilation of the mines, to promote the health and safety of the persons employed therein, and to protect and preserve the property connected therewith, the operator of any coal mine in this State shall employ a competent and practical mine foreman for every mine where ten or more persons are employed, who shall have charge of such mine under the supervision and control of such operator. If such mine is gaseous, such mine foreman must possess a first-class mine foreman's certificate of competency, or a service certificate of equal grade. If the mine is not gaseous, such mine foreman must possess either a first-class or a second-class certificate of competency or a service certificate of equal grade.

Sec. 62. Whenever the mine workings become so extensive that the mine foreman is unable personally to discharge his duties, the operator shall employ a sufficient number of competent persons as assistants, who shall have like qualifications with the mine foreman; provided, that whenever any exigency arises whereby it is impossible for any operator to secure the immediate services of a certified man, he may employ any trustworthy and experienced man as mine foreman or assistant mine foreman for a period not exceeding thirty days, and in



the event that no person possessing a certificate of competency, satisfactory to such operator, can be found to fill the position, then the Chief Mine Engineer may grant a temporary certificate to some person satisfactory to such operator whom such Chief Mine Engineer may deem qualified, who may fill the position until thirty days from and after the next meeting of the Examining Board held for the purpose of granting certificates of competency.

Sec. 63. The mine foreman shall devote his entire time to his duties, when the mine is in operation; and shall, subject to the supervision and control of the operator thereof, have charge of the inside workings of such mine and of all persons therein employed; and he shall see that all applicable provisions of this Act and regulations thereunder are strictly obeyed. For such purpose, such mine foreman shall, personally or by his assistant—

(a) Visit each working place once each day while the employees are at work, to see that each place is properly timbered, drained, secured and reasonably safe; that a sufficient supply of timber and other facilities is on hand ready for use; that all loose coal or other dangerous material is taken down or secured, especially upon traveling ways and airways; that standing water is drained from passageways and working places; that explosive and noxious gases and dangerous accumulations of dust are removed; and that in general the ventilation, stoppings, doors, timbering, drainage, traveling and air ways, trackage and other mine works and ways are in good working order and in reasonably safe condition.

(b) Instruct all employees in safety measures, including placing of timber to prevent falls and other accidents; to safeguard moving parts of machinery which may injure persons passing nearby; and to see that all persons and property are at all times protected against mining risks as required by this Act.

(c) Attend promptly to removal of any dangerous conditions coming to his knowledge; and in case it is impracticable to remove such danger at once, to order every person whose safety is menaced thereby, to leave and remain away from the vicinity of such danger until notified that it has been removed.

(d) Post danger signals of uniform type across the entrance to any mine or portion of such mine or other conspicuous point in case of danger, and see that such signals are kept there until the danger has been removed.

(e) Report immediately to the operator of such mine whenever the ventilation or other machinery fails to discharge its functions ade-

quately, or upon discovery of accumulations of gas or water, or any other unusually dangerous condition.

Sec. 64. When assistant mine foremen are employed, their duty shall be to assist the mine foreman in complying with the provisions of this Act, and in the absence of the mine foreman the superintendent shall designate an assistant who shall perform the duties of the mine foreman. Such assistants shall be liable to the same penalties as the mine foreman for any violation of this Act.

Sec. 65. For the purpose of this Act the superintendent or mine foreman in direct charge of the operations of any mine shall be considered as the agent of the operator thereof, and shall be held jointly responsible with such operator for any failure to comply with this Act or regulations pursuant thereto, governing operators or agents.

Sec. 66. Such mine foreman or his assistants shall on each day the mine works, enter plainly and sign in ink, in a book provided for the purpose, a report of the condition of the mine and of their examination thereof made on that day, including the following facts:

(a) Any danger or dangerous condition observed or reported, and what steps have been taken to remedy the same.

(b) Whether or not there is a proper supply of material on hand for the safe working of the mine.

(c) Whether or not the requirements of this Act are complied with.

(d) If such mine is gaseous, a report of all air measurements within such mine as herein elsewhere required to be taken.

(e) If such mine is not gaseous, a report once a week of all air measurements within such mine as herein elsewhere required to be taken. Such record shall be kept in the foreman's office at the mine for examination by the district mine inspector and by any person employed at such mine.

The mine foreman shall also each day read carefully and counter-sign with red ink all reports entered on the record book of the fire boss.

It shall be the duty of the mine foreman for the operator to report immediately all violations of this Act to the district mine inspector; and also to make an immediate report to such inspector and to the operator of such mine upon the occurrence of any serious or fatal accident, in such form and including such information as the Bureau may prescribe.



Sec. 67. If the mine foreman or an assistant mine foreman shall violate any provision of this Act, or by neglect or from any other cause become incapacitated for the proper discharge of his duties, the district mine inspector shall after satisfying himself by investigation, prefer charges before the Examining Board, and take such additional steps as the nature of the case may require; and whenever any mine official or employee or other person shall solicit or receive any sum of money or other consideration from any person for the purpose of preventing employment for any person, or continuing in the same, or for the purpose of procuring any favor, promotion, advantage or facility in employment in or about such mine, such mine official, employee or other person shall be deemed guilty of a misdemeanor.

#### CHAPTER IX—*Employees and Others.*

Sec. 68. No person shall be permitted to work in any mine until he has satisfied the operator thereof that he can do the work allotted to him without endangering the lives of his fellow workers, unless such person is put to work with an experienced miner or some qualified person whose duty it shall be to instruct such person how to perform his duties safely and properly.

Sec. 69. Each miner shall examine his working place upon entering same before commencing work, and after any stoppage of work during the shift he shall repeat such examination; and if any part of the roof thereof needs propping, he shall prop the same, and shall not commence or resume work until it is made safe. Such miner shall be very careful to keep his working place in a safe condition at all times.

Sec. 70. Such miner shall immediately cease work if at any time he finds his place has become dangerous from any cause or condition beyond his power to remedy. Upon leaving such place, he shall place some plain danger signal at the entrance thereto, to warn other persons from entering; and shall immediately notify the mine foreman; and he shall not return thereto until notified by the mine foreman that the danger has been removed.

Sec. 71. It shall be the duty of each employee at any such mine to notify the mine foreman or other official of any unsafe condition, including unsafe conditions of any working place, haulage road, or traveling way, or of damage to doors, brattices, or of obstructions to any air passage or failure in the ventilation which may become known to such employee.

Sec. 72. Any person who shall intentionally or carelessly injure any safety lamp, instrument, air course or brattice, or without authority handle, remove or damage any fencing, means of signalling, apparatus or machinery, or shall obstruct or throw open airways, or enter a place in or about any mine against caution, or carry fire, open lights, matches, pipes or other smokers' articles beyond any station beyond which approved safety lamps are used, or open any door the opening of which is forbidden, or disobey any order given in carrying out the provisions of this Act or regulation pursuant thereto, or do any other act whatsoever, whereby the lives or health of persons employed or the security of the mine property is endangered, shall be deemed guilty of a misdemeanor.

Sec. 73. Such special duties relating to security of lives or property may be defined and required of each employee in or about such mines by classes of employment, as the Bureau by regulation may prescribe.

Sec. 74. Each workman, when employed, shall have his attention directed to the general and special rules by the person employing him.

#### CHAPTER X—*Mine Excavations.*

Sec. 75. The operator of any such mine shall direct and see that proper breaks-throughs, for purposes of ventilation, are made between entries or in room pillars, at such distances apart, not more than thirty-five (35) yards nor less than sixteen (16) yards, as the district mine inspector by written safety order may require.

Sec. 76. The operator of every such mine shall provide and maintain under regulations of the Bureau, sufficient openings to the surface from each seam of coal worked, to assure at all times free ingress and egress from every part of the mine, and reasonable safety for all persons employed therein.

Sec. 77. The Bureau shall by regulation prescribe such reasonable provision of traveling ways, and upon haulage roads for such refuge holes of ample area and height and for other protective devices, and for such frequent periodic examination, care, and inspection of same, as may adequately protect all persons entering into such mine from dangers incident to mine transportation.



Sec. 78. All abandoned mines or portions of mines, and all abandoned openings and sinkholes to the surface shall be securely fenced off at the entrances thereto.

Sec. 79. The operator shall direct and see that as the miners advance in their excavation, all dangerous and doubtful pieces of strata overhead are taken down or carefully secured; and to that end the operator shall adopt sound methods of timbering the roof and spragging the coal, uniform throughout the mine so far as practicable and approved by the district mine inspector. Any workman who neglects or refuses to obey any proper instructions or orders relating to securing his working place shall be suspended or discharged; and if such neglect or refusal results in injury to any person, the name of such workman and the facts shall be reported to the district mine inspector; provided, that if any such workman shall have previously given timely notice to the operator of his need for materials, or of an existing dangerous condition which he could not personally remedy, such workman shall not be held to have violated the provisions of this section.

#### CHAPTER XI—*Shaft Mining.*

Sec. 80. At every mine worked by shaft and employing more than ten men at any time for any purpose, the Bureau shall prescribe by regulation for adequate provision and constant maintenance of at least two distinct and separate means of ingress and egress, available to every person in and accessible from every part of such mine; and for sufficient stairway, properly guarded, covered and protected, or for suitable hoisting apparatus and lifting cages, or both; and for frequent periodic examinations, records of the condition of and reports upon all such, to be required of the operator thereof; and for direction signs, conspicuously located at all points within bituminous coal mines of this State, where intersecting roadways or entries may produce doubt as to the proper direction to the nearest outlet.

Sec. 81. Provision shall be made for proper ventilation of shafts while they are being sunk. Until a second means of outlet becomes available from every part of any mine worked by shaft, a cage or other safe means of egress shall at all times be kept available for use of persons within such mine. During construction or deepening of any shaft, ample provision shall be made for protection of workmen engaged in such construction or deepening, against falling or against accidents from caving in or from materials falling down the shaft. Unless the strata being penetrated are solid, every shaft shall be lined, cased or otherwise

made secure; and the operator shall direct and see that all loose rock or other dangerous materials are removed from the sides of such shaft or from any staging or timbers therein, especially after each blast; and whenever persons are employed upon platforms in shafts the operator shall see that said platforms are properly and safely constructed and secured.

Sec. 82. The Bureau shall prescribe by regulation for the provision and maintenance of safety gates or other adequate protective devices at top and intermediate landings of shafts and steeply inclined slopes; and for the employment of competent gatemmen when in the judgment of the Bureau such employment is desirable; and defining the duties of such gatemmen; and for the construction and unobstructed maintenance of safety passageways sufficient in area and height for comfort and easy use, at needed points within such mine; and for indicating and illuminating lights at such points in such mine, including the bottom of shafts and intermediate points where cages may stop, as the Bureau may deem desirable.

#### CHAPTER XII—*Hoisting, Power and Apparatus.*

Sec. 83. The permanent boilers used for generating steam, and buildings containing the same, shall not hereafter be constructed nearer than sixty feet to any mine opening or to any building or inflammable structure at or connected with such opening.

Sec. 84. At least once in every six months, and oftener if required by the district mine inspector, all boilers used for generating steam in or about any such mine shall be inspected and tested, under regulations of the Bureau; and a report thereof, upon blanks provided by such Bureau, shall be made to the district mine inspector and the Bureau by the operator of such mine. Such report shall state the experience of the person making the tests, and be countersigned by the mine foreman or superintendent.

Sec. 85. At each shaft or slope, subject to regulation by the Bureau, there shall be provided and maintained a substantial structure of adequate height and capacity, to sustain pulleys, cables and loads; only steel or iron wire cable or cable approved by the Bureau shall be used for such hoisting; and the hoisting apparatus shall be completely equipped with adequate and approved drums, brakes, indicators and safety devices; hoisting cages shall be strongly built, protected, and equipped with approved devices to prevent persons or property from



falling therefrom or therewith, or from other mishap; such cages shall not be operated faster than six hundred feet per minute, when men are being hoisted; no more passengers shall be transported upon any such cage at any one time than are permitted for such cage by written certificate of the district mine inspector, issued annually or oftener if necessary or desirable.

SEC. 86. When men are in the bottom of a shaft, rock or coal shall not be hoisted except in a bucket, cage, or approved lifting device; to be securely connected to the hoisting rope and so arranged that there shall be no danger of its tipping while being hoisted or lowered. Regulations shall be made for installation and use of buckets or other freight hoisting devices. No person except mine officials and repair men, shall be permitted to ride upon a loaded car or with cars or material of any kind, on either cage; except that a driver may accompany an animal of which he is in charge, when such animal is securely penned by gates or in a suitable box or in a sling.

SEC. 87. Any person disobeying the orders of a gateman given to enforce the cage passenger permit herein elsewhere provided for, or crowding or pushing to get on or off any cage and endangering others, shall be deemed guilty of a misdemeanor.

SEC. 88. All hoisting apparatus and facilities shall be and be maintained adequate safely to support a strain equivalent to five times their maximum load. Every part of such apparatus and facilities shall be examined every twenty-four hours when any such mine is being operated, by a competent representative of the operator, and a detailed report of their condition written in the mine foreman's record book, dated and signed; which report shall especially note any material defects or needed repairs, which shall be remedied immediately and until so remedied no further use of such apparatus shall be permitted. In addition to his own inspection of such apparatus and facilities, the district mine inspector shall at each inspection visit examine such written reports and ascertain whether all repairs have been made.

#### CHAPTER XIII—*Haulage: Transportation: Mining Machinery.*

SEC. 89. Whenever, on slopes, planes, or at any point at or within any such mine, the grade is sufficient to allow cars to run, the operator shall provide and employ safety blocks or other approved devices to prevent cars from falling into the shaft or running away down any grade.

SEC. 90. No steam locomotive or steam boiler shall be used in the underground working of any such mine.

SEC. 91. All tracks hereafter laid shall uniformly leave at the same side throughout each heading and room a clear space between any car used thereon and the rib or any intervening obstacle, of not less than thirty inches; and this space shall be kept free of obstruction.

SEC. 92. Except where sprags are used exclusively every mine car shall be so equipped, including an efficient brake, as the Bureau by regulation may require. The oiling or greasing of such cars within any such mine is forbidden, unless the place where such oiling or greasing is done is thoroughly cleaned once every day of all waste, oil or grease.

SEC. 93. No person shall ride upon or against any loaded car or cage in any shaft or slope; nor shall any person other than the trip runner or a mine official in the performance of duty be permitted to ride on any empty car or trip on any slope, plane, return track or shunt switch when the speed of such car or trip exceeds six miles per hour. No person, other than the driver, trip runners, mine officials or repair men traveling upon emergency duty, shall be permitted to ride on loaded cars at any point. Where the distance from the mouth of the mine to a principal working thereof exceeds three thousand feet, and the employees engaged in such principal working upon one shift exceed ten in number, such employees shall be transported in empty cars to and from the common point nearest to such principal working at the beginning and end of such shift, at a speed not exceeding six miles per hour. Provided, that the Bureau may make special regulations when necessary.

And provided further, that if any operator contends that it is impracticable to furnish such transportation at any particular mine, and if, after investigation and hearing, the Bureau is satisfied that such compliance is impracticable, the Bureau may suspend or modify such requirements and its determination shall be subject to appeal by any party interested to the Circuit Court for the county within which the mine is located.

Locomotives shall carry a bright headlight when in use, and when engaged in main line haulage shall be permitted to push cars only in emergencies and at a speed limited to six miles per hour, in which case the leading car shall bear a signal light. The rear car of any trip shall carry a signal light, and all trips hauled by endless cable shall carry a white light on the leading car. A safety catch or other safety device shall be placed on the rear end of the last car of all trips passing up



steep grades or planes. Where cars or trips pass through automatic doors the trip rider shall observe that such doors close, and if they fail to do so, he shall immediately return and close the same. The transportation of tools and materials in and out of the mine shall be under the direction of the mine foreman.

SEC. 94. No person shall travel on foot to or from his work on any slope, plane or haulage road, unless no other roads are provided or available for that purpose, and then only at such times as permitted by the mine foreman. No person except officials and repairmen shall be permitted to travel on slopes or planes while cars are in motion thereon.

SEC. 95. In every such mine wherever the condition of grade, weight to be moved, and distance of movement or any of them render placing of mine cars liable to physically injure the miners if they are required to place such cars by their own exertions, the Bureau may by general regulation require that such cars, by mechanical or animal power, be placed at such point in the heading, room or other excavation where the miners are at work as shall be convenient without being further moved for loading.

SEC. 96. The Bureau shall regulate and may prescribe conditions for the installation, maintenance and operation of internal combustion engines, at or within any such mine.

SEC. 97. The Bureau shall prescribe such regulations for the installation, maintenance and operation of coal cutting machinery, including periodic examinations thereof, adequate guarding of dangerous moving parts, protection from electric shock, and proper support of roof and warning of bystanders, as may assure reasonable protection of persons who may be endangered by such machinery.

#### CHAPTER XIV—Ventilation.

SEC. 98. The operator of every such mine, whether operated by shaft, slope or drift, shall provide and hereafter maintain ample means of ventilation by the circulation of air through the main and cross-entries, rooms and all other working places of such mine, to an extent that will dilute, carry off and render harmless all noxious or dangerous gases, affording in non-gaseous mines not less than one hundred cubic feet of air circulation per minute for each person employed therein, and three hundred cubic feet of air circulation per minute for each

animal employed therein; and in gaseous mines affording not less than one hundred and fifty cubic feet of air circulation per minute for each person, and five hundred cubic feet of air circulation per minute for each animal, employed therein; and as much more in either case as the district mine inspector may by special safety order require.

SEC. 99. The operator shall direct and see that such air circulation, by means of passages of sufficient area, shaped and located to minimize friction and assure equable distribution, is conducted through the last cut-through to the face of each room and entry in such mine. No room or entry shall be turned in advance of the ventilating current or of the last cut-through in the entry, excepting that room-necks may be broken off by workmen driving entries, when approved by the district mine inspector. Whenever any working places are driven to destination or to the boundary, or are stopped, such places shall be connected at the face by cut-throughs.

SEC. 100. Every such mine shall be divided into ventilation districts or splits of not more than 75 men in a district, unless in the judgment of the district mine inspector such limitation in any particular mine is impracticable, when such inspector may by written safety order permit a larger number, not exceeding 100 men, to work therein. In a gaseous mine the district mine inspector may by written safety order require a further subdivision of ventilation districts to include a smaller number of men than 75. Every such ventilation district shall be supplied with a separate current of fresh air, and the return air current therefrom shall be conducted direct or through an overcast or undercast to the main return airway or outside the mine.

SEC. 101. All temporary stoppings necessary during the progress of mining shall be strong and tight, and be replaced by permanent stoppings as quickly as possible unless otherwise authorized by the district mine inspector. All permanent brattices and all permanent air bridges, overcasts and undercasts shall be substantial, amply strong, of materials approved by the district mine inspector and kept tight. All doors shall be so hung and adjusted that they will close of themselves, and on main haulage roads, wherever possible, a second door shall be hung in the same air current, so that the opening of one door shall not interrupt the air circulation. Doors on main haulage roads, not self-closing, shall be served by an attendant whose constant duty it shall be to open such doors for persons and cars to pass through and to close it immediately after them. When a door is used in conducting the main air currents, an extra door shall be provided and kept standing open,



out of reach of accident, but ready for immediate use in case of any damage to the door regularly in service.

Sec. 102. In mines employing more than ten persons at any one time, unless the required ventilation is provided by other approved means, not a furnace, such ventilating current shall be provided by fan of substantial type, ample capacity and, at gaseous mines or when required by regulation, reversible at the will of the operator, which shall not be located directly over the entrance to a shaft, the air passage from which into the mine shall be strongly built and kept tight, and which shall be provided with a self-registering pressure gauge, the record whereof, duly dated, shall be accessibly filed at the mine office and there preserved for one year for reference. Such fan shall be kept continuously in operation while the mine is working, and during such further periods as the Bureau may prescribe, unless written permission to stop such fan shall be given by the district mine inspector; and before stopping such fan after such permission given, notice thereof shall be given every employee of the hours during which stoppage is intended to continue, and work shall not be resumed until such fan has run two hours continuously. Provided, that should it at any time become emergently necessary to stop the fan because of mechanical failure or other unavoidable cause, it shall first be the duty of the mine foreman to provide for the safety of persons within such mine, either by removing them or by furnishing temporary ventilation; but no ventilating furnace shall be employed in such temporary emergency in a gaseous mine. No principal fan shall be placed inside any mine; nor shall an auxiliary fan be placed in any mine except under regulation of the Bureau.

Sec. 103. The operator shall, by the mine foreman or other competent person, at least once every week in non-gaseous mines, and daily or as required by the district mine inspector, in gaseous mines, when the men are working, measure the air current with a correct anemometer at or near the main intake and outlet, and also in the last cut-through in the last room and in the entry beyond the last room turned in each entry; and the air traveling through pillars being drawn; and enter in a book kept for that purpose a true report of all such air measurements, designating the place, the area of each cut-through and entry separately, the velocity of the air in each cut-through and entry, and the number of men employed in each separate split or district at the time the measurement was taken, with the date; signed by the person taking the same; which record shall be kept in the office at the mine, open to examination by the Bureau or by any person employed in such mine.

Once each month a report of the air pressure average as shown by the pressure gauge upon the ventilating fan, the daily air pressure during the principal shift, the air pressure by districts and number of men and animals working in each district, the average air circulation at the last cut-through and entry, extension in such districts and the lowest and highest air circulation observed at such points at each examination, and such other information as the Bureau may require, shall be made by the mine foreman to the district mine inspector upon blanks to be provided by the Bureau.

Sec. 104. No person ordered by the mine foreman to leave a mine because of ventilation difficulty shall re-enter until given permission by such mine foreman; which permission, if the mine be gaseous, shall not be given until the mine has been thoroughly examined by the mine foreman or fire boss and reported safe. The district mine inspector shall examine all records of ventilation at every visit to such mine, and inspect the apparatus and all instrumentalities for conducting, controlling or supplying ventilation, shall see to the enforcement of each requirement of this Act or regulations thereunder relating thereto, and keep a detailed record of each such inspection and his steps taken thereupon.

#### CHAPTER XV—Communications.

Sec. 105. Efficient means of communication and signaling between the top and bottom of every shaft and slope and to any other points deemed necessary by the Bureau shall be provided and maintained, in a manner and by means directed and approved by such Bureau.

Sec. 106. Uniform forms for signal and warning devices and indicating signs shall be prepared by the Bureau and the operator of every mine shall provide, distribute and employ such numbers thereof as may be directed convenient for use at need to notify persons concerned of dangers not readily apparent.

Sec. 107. The following signal code, where applicable shall be followed in all mines when signals are used:

ONE RING or WHISTLE: Hoist; if in motion, Stop.

TWO RINGS or WHISTLES: Lower Cage. If signaled from top, Send Away Empty Cage.

THREE RINGS or WHISTLES. Men are Coming Up. When engineer replies by one ring, persons get on cage and ring once to hoist.



FOUR RINGS or WHISTLES: Hoist Slowly: implying danger.  
 FIVE RINGS or WHISTLES: Accident in Mine—Send  
 Stretcher.

Additional signals may be added by agreement between the operator and the district mine inspector, but such signals must be printed together with the code herein provided, on large posters or cards, and displayed in the engine room and at all points where used.

SEC. 108. Any person who shall deface, pull down, destroy, interfere with or disregard any notice board, signal or warning in any such mine, or knowingly damage any signal or communication system, or knowingly give or cause to be given any wrong signal within or about such mine, or deface or destroy any general or special rules or mining laws, or knowingly destroy, falsify or remove or conceal any record or report herein required to be made and kept, shall be guilty of a misdemeanor.

#### CHAPTER XVI—*Electricity in Mines and Mining.*

SEC. 109. All electric systems employed in, at, or about any mine in this State shall be installed, extended and/or operated subject to reasonable regulation and supervision by the Bureau; *Provided*, That in making and amending such regulations, due regard shall be paid to commercially accepted and approved underwriters' regulations, and to electric regulations recommended by the United States Bureau of Mines.

SEC. 110. The various electric systems shall be classified by voltages as follows: All such systems wherein the maximum voltage cannot exceed 300 volts shall be known as "low voltage" systems. All such systems wherein the voltage exceeds 300 volts but the maximum thereof cannot exceed 650 volts shall be known as "medium voltage" systems. All such systems wherein the voltage can exceed 650 volts shall be known as "high voltage" systems.

SEC. 111. Every six months the operator of every coal mine in which any electric system exists shall make an "electric system map" of such mine, which shall show by distinguishing colors and signs upon a good exact reproduction of the map of such mine as hereinbefore required to be made, as the same has been extended to date, such electric system, in such detail as may be prescribed by the Bureau. Identical copies of such electric system map shall be kept in the office of the foreman at such mine and filed with the district mine inspector for his official use.

SEC. 112. At every mine where electricity is used for power, there shall be employed a competent mine electrician who shall have full charge of the electric apparatus and system in and about such mine, but who shall be subject to the authority of the official in charge of such mine.

SEC. 113. All electric apparatus shall be of approved type, strongly designed and constructed and of ample capacity for the purpose intended or to which it may be put; all parts carrying electric current shall be effectually insulated against the conditions of such intended service; and the installation thereof shall be so protected that hazards to life and property may be minimized.

SEC. 114. Ample and well-constructed switches and other protective devices shall be provided upon all circuits, and especially upon branch circuits, which shall be protected against electrical leakage and extraneous damage, and all switches so devised that accidental closing or interference by unauthorized persons may be prevented or forestalled; and in all circuits where the load may suddenly approach or exceed the safe capacity of the circuit or apparatus, circuit interrupting devices shall be installed.

SEC. 115. Electric current of high voltage may be transmitted underground only when the circuit is carried inside metallic sheaths or armor, such sheaths or armor to be permanently grounded, and such current may be applied only to transformers or motors in which the high voltage windings are a part of the stationary element thereof.

SEC. 116. Explosives shall not be hauled or transported in the vicinity of live electric apparatus or circuits unless such explosives are placed in an insulated, covered box; nor placed upon an electric locomotive at any time; nor temporarily placed near electric currents or equipment; and when explosives are carried by hand, the utmost precautions shall be taken to avoid contact with electric apparatus or circuits.

SEC. 117. Especial care shall be exercised along haulage ways and in any portion of a mine where persons or animals may come into contact with electric apparatus or circuits, and in all trolley circuits and transmission lines, under which persons or animals must pass properly to install and protect the same.

SEC. 118. Care shall be taken in installation and maintenance of telephone and signal lines to avoid and prevent grounds and crosses



with circuits of higher potential, and to protect persons using such lines from injury.

Sec. 119. Systematic, periodic examinations and reports of the condition of all wiring and electrical equipment and apparatus shall be required by regulation of the Bureau, to be made by the operator, in all such mines.

#### CHAPTER XVII—*Materials, Facilities and Supplies.*

Sec. 120. The operator shall provide and deliver at the working faces or as near thereto as they can be conveyed in mine cars, a sufficient supply of props, cap-pieces and timbers, cut square at one end, and as nearly as practicable of the proper size and length for the purpose intended. Every workman needing timber shall notify the operator at least one day in advance, giving the number, size and length of props, cap-pieces and other timber required. In case of emergency, such materials may be ordered in such a manner as the operator may provide; and if the necessary materials cannot be supplied when required, the mine foreman shall instruct such workman to vacate the place until such materials have been supplied. *Provided*, That before the miners start work in any such mine, where work has not recently been carried on, the operator shall first properly timber the entry, room, or other excavation, lay up track thereto, and prepare the same ready for such work.

Sec. 121. The operator shall keep on hand at all times a sufficient quantity of materials, supplies and facilities required by the provisions of this act or regulations thereunder, to preserve the health and safety of employees. Whenever the operator cannot procure any of such materials, supplies or facilities then presently necessary, he shall notify the mine foreman to withdraw the men from any mine or portion of mine affected until such materials, supplies or facilities are received.

Sec. 122. The Bureau shall prescribe regulations governing the quality and tests of illuminating oils used in mines of this State, which tests shall be applicable to all oils and other illuminants offered for sale and purchased for use in such mines; and no oils or other illuminants shall be sold, purchased or burned for illuminating purposes in any such mine unless such oil or other illuminant has been tested and certified by the Bureau; and shall prescribe regulations governing the transportation into, storage and use within such mines of illuminating and lubricating oils and other illuminants for any purpose intended.

Sec. 123. Any person who shall sell for use in any mine, or any employee who shall use, or any operator or mine foreman who shall permit to be used in any mine in this State, any oil or other illuminant other than as prescribed by this act or regulations thereunder, shall be guilty of a misdemeanor; and it shall be the duty of the district mine inspector, whenever he suspects that this act has been violated, to take test samples of any illuminant and subject the same to the test prescribed by the Bureau under this act.

#### TITLE VI—DANGEROUS CONDITIONS IN MINES.

##### CHAPTER XVIII—*Dangerous Gases in Mines.*

Sec. 124. Accumulations of gas shall not be removed from a mine or part of a mine by brushing or the use of water; and any operator, mine foreman or fire boss who shall knowingly permit the same to be done, or workmen who shall so offend, shall be guilty of a misdemeanor.

Sec. 125. The operator shall immediately notify the district mine inspector upon the discovery of any large body of explosive gas in any mine, whether explosions have occurred or not; and shall direct and see that steps are immediately taken to remove such gas, by properly directed air currents carrying adequate ventilation up to the faces from which the gas exudes, or by other appropriate means. No open flame shall be permitted in the affected portion of such mine, and full precautions against accidents shall be taken.

Sec. 126. The mine foreman shall see that every mine generating explosive gas is kept free of standing gas in working places or roadways. Unless securely and safely sealed, under regulation of the Bureau, any accumulation of explosive or noxious gas shall be removed from worked-out or abandoned portions of any mine as soon as possible after its discovery; and until such gases have been removed no person who may be endangered by the presence of such gases and who is not engaged in removing the same, shall be allowed to remain in the affected portion of such mine. All dangerous places and the entrances to worked-out and abandoned parts of such mines wherein gas may accumulate shall be properly fenced off and danger signals posted thereon.

Sec. 127. Employees shall immediately notify the mine foreman upon discovery of explosive or noxious gases, and shall see that no gas blowers are left burning upon leaving their working places. If gas is ignited by a blast or otherwise, such employee shall immediately ex-



tinguish the same, or if unable to do so, shall notify the mine foreman; and failure to give such notice shall be a misdemeanor.

Sec. 128. Whenever any working of a coal mine approaches a place suspected to contain any accumulation of explosive gases, or when ever a mine has been found to be gaseous, no light or lamp other than an approved safety lamp or other light approved shall be allowed or used.

Sec. 129. Whenever safety lamps are required to be used in any mine, such lamps shall be provided by the operator for maintenance and use of which actual cost may be charged; and of such lamps a quantity one-fourth larger than may be in immediate use shall always be kept on hand, ready for use. A competent person shall be appointed to examine every such safety lamp immediately before it is taken into the workings for use, who shall ascertain that such lamp is clean, safe and secure before it is used.

Sec. 130. No safety lamp shall be entrusted to any person for use in a mine, until said person has given satisfactory evidence to the mine foreman that he understands the proper use, and the danger of tampering with the same. No one, except a person authorized, shall have in his possession any key or other instrument for unlocking any safety lamp, while within any gaseous mine. Any person found, while within any such mine, to have any such key or other instrument for unlocking any safety lamp, or found opening or tampering with or to have tampered with any such lamp, or to have matches or any unauthorized lighting device in his possession, shall be deemed guilty of a misdemeanor; and any operator or any person by such operator authorized, who shall fail to supply properly cleaned, safe and safely secured safety lamps for use in such mine whenever necessary, shall be deemed guilty of a misdemeanor: *Provided*, that this shall not prohibit the use of a flame in the intake air only, for the purpose of making necessary repairs to machinery or wires, when in charge of persons authorized to do such work.

Sec. 131. The mine foreman, whenever in his opinion the mine is becoming dangerous from accumulations of gas, and additional ventilation is required, beyond the capacity of the ventilating equipment, shall notify the district mine inspector, who shall make an immediate personal examination, and if such inspector finds that the ventilating equipment is insufficient, he shall by special safety order require the operator to provide adequate equipment, and if necessary to make additional openings from the surface, or bore holes to furnish a vent in the case of gas accumulations.

#### CHAPTER XIX—*Fire Bosses.*

Sec. 132. The operator of every gaseous mine shall employ a sufficient number of fire bosses, each of whom shall satisfy the operator of his competency, and shall have first obtained a certificate of competency from the Examining Board, as hereinbefore provided. Such fire boss shall carefully examine, before each shift enters the mine, every working place, all places adjacent to live workings, every roadway, every unlined road to abandoned workings, and falls in the mine, the entrance to worked-out portions of such mine, adjacent to roadways and working places under his charge, within which accumulations of explosive gas may gather; and at each working place such fire boss shall mark the date and his initials upon the face. He shall note the air at every such point, and shall see whether the air currents are traveling their proper course; and whenever he finds explosive gas or other danger, he shall either fence off the dangerous locality or place warning signals across the passage way, ordering all persons not to enter.

Sec. 133. Any mine foreman holding a first-class certificate of competency may act as fire boss; and in an emergency any fire boss, properly certified, may act as assistant mine foreman until a regularly qualified person may be employed.

Sec. 134. The operator shall provide a permanent station at or near the principal entrance of the mine, indicated plainly by legible signs, at which the fire boss shall attend before men go in to their shifts, to give information regarding the state of the mine. When the working portions of any mine are one mile or more from the entrance to such mine or from the bottom of the shaft or slope, a station may, with the approval of the district mine inspector, be located near such workings. No one but the mine foreman or fire boss or some one by them especially authorized in an emergency may pass beyond such station until such mine has been examined in every part as hereinbefore required and reported safe. The fire boss shall not permit any persons not authorized to enter into or remain in any portion of such mine through which a dangerous accumulation of gas is being passed into the ventilating current from any portion of such mine, and shall report any violation of this provision to the mine foreman. When the station of the fire boss is located at a distance within the mine in order to be convenient to portions being worked, the operator shall wall off all abandoned workings, whether finished or not, from the main intake and manway headings or passageways of the mine by stoppings of masonry or concrete, sufficiently heavy to keep explosive or noxious gases from



entering the intake air at any point between such fire bosses' station and the entrance to such mine.

SEC. 135. Suitable record books shall be kept at the mine office on the surface and at the fire bosses' permanent station, in duplicate, to be accessible to the district mine inspector and any employee of such mine. The fire boss shall enter and sign in ink, a full daily report of each day's examination, stating clearly the approximate amount of explosive or noxious gases found and where found, and also state clearly the nature and location of any danger that may have been discovered in any place in such mine, and whether such danger has been immediately reported to the mine foreman. The mine foreman shall read and countersign such report each day.

SEC. 136. Any fire boss who neglects to make any of the examinations hereinbefore required, or fails to report any danger discovered or knowingly reports falsely upon any condition within such mine, or fails or neglects to make the reports required, shall be guilty of a misdemeanor.

SEC. 137. In any portion of a mine where an undue quantity of dry dust or other waste material accumulates and may tend to cause an explosion, and especially when explosive gas is being generated in quantities sufficient to be observed with an approved safety lamp, the operator shall, subject to regulation of the Bureau, keep such dust, and the haulage ways and working places containing the same, well moistened with water often applied, or shall use other efficient, approved means; and shall remove such dust from the mine at frequent intervals.

SEC. 138. Whenever any place is being driven towards or is in supposedly dangerous proximity to an abandoned mine suspected of containing explosive gases or which may contain a dangerous accumulation of water, bore holes shall be kept not less than twelve feet in advance of the face and on the sides of such working place, said side holes to be drilled diagonally at intervals not exceeding eight feet. No places so driven to tap water or gas shall be more than ten feet wide; and no water or gas accumulation, nor any bore holes from the surface, shall be tapped until all employees except those engaged upon such work are out of the mine. Such work shall be executed only under the immediate supervision of the mine foreman. *Provided*, that coal shall not be mined within fifty feet of any abandoned mine, suspected to be inundated with water, until danger from such water has been removed by driving a passageway to tap and drain it off; and *Provided*, further,

that barrier pillars standing in the vicinity of such abandoned mine shall be in proportion of one foot of additional pillar thickness to each one and one-quarter feet of water-head, if in the judgment of the district mine inspector such thickness is necessary for the safety of persons and property within the operating mine.

SEC. 139. Whenever clay veins, spars or faults are cut in driving entries or other narrow work into solid coal, in gaseous mines, a bore hole shall be kept not less than three feet in advance of the face or a like distance in advance of any shot hole drilled for blasting.

#### CHAPTER XX—*Fire Protection.*

SEC. 140. All underground storage, motor, pump and engine rooms shall be constructed of incombustible material; and it shall be the duty of every operator to provide and maintain some efficient means of fire protection approved by the Bureau, at such points as the Bureau may prescribe. No steam pipes shall be laid within any such mine, unless insulated with approved material.

SEC. 141. No building shall hereafter be erected within such distance of any ventilating fan, or entrance to or exit from any main airway, shaft, slope or drift, excepting the tibble and trestle thereto, as in the judgment of the Bureau may constitute a fire hazard, unless the same be built of fireproof material satisfactory to such Bureau; and at gaseous mines, fanhouses shall be constructed of fireproof material; and no fire shall be permitted in any tibble, or other structure connected with any shaft, unless the same be built of fireproof material.

SEC. 142. The operator may search or cause to be searched, any person entering or about to enter, any gaseous mine, to prevent such person from taking or carrying therein, any intoxicating liquors, matches, pipes, cigars, cigarettes, or any device for making light or fire not authorized or approved.

#### TITLE VII—EXPLOSIVES: USE AT MINE.

##### CHAPTER XXI—*Storage: Precautions.*

SEC. 143. It shall be unlawful for any person to have, use or permit to be used at or within any gaseous or dusty coal mine within this State, any explosive of any type or kind not designated as "permissible," and approved by the Bureau; or to use any such explosive



except in such a manner and with such precautions as are recommended by the manufacturer thereof and approved by the Bureau; and all such explosives shall be carefully packed in containers or packages, which shall be plainly marked with the name of the explosive and its manufacturer, the quantity and full instructions upon the safe method of handling the same.

SEC. 144. The Bureau shall make regulations to govern the supply, storage, transportation and handling of explosives intended for use in or about any such mine, and the use of such explosives, including the quantity to be kept on hand, in storage, and for immediate use within the mine; the distance from the mine and from mine buildings and from any habitations, and precautions against accidental ignition thereof.

SEC. 145. If any person shall open any container of explosives by the use of a pick or any other method which may endanger the safety of persons or property within such mine and in disregard of proper instructions for opening such containers, such act shall be a misdemeanor.

#### CHAPTER XXII—*Blasting in Mines.*

SEC. 146. In all gaseous or dusty mines, the district mine inspector may by special safety order, approved by the Bureau, require the operator thereof to employ a sufficient number of competent persons, able to speak the English language, who shall act as shot-firers; whose duty shall be to charge, tamp, and fire all holes properly placed by the miners, and to refuse to charge any holes not properly placed; and whenever such shot-firers are required to be employed, it shall thereafter be a misdemeanor for any miner to charge, tamp or fire any blast within such mine, or for any operator to permit any person other than a shot-firer so to charge, tamp or fire any blast within any such mine: *Provided*, That regulations defining the qualifications of persons competent to discharge the duties of shot-firers, and to govern shot-firing, including records, warnings, and notices, shall be made by the Bureau.

SEC. 147. The operator shall prescribe the hours, and when practiced the rotation of blasting within any mine, and shall post notices thereof at the mine office and at each entrance to the mine.

SEC. 148. The Bureau shall make regulations prescribing the duty of each miner in regard to blasting, including mining, cutting, drilling,

securing of roof and coal before and after shooting, and warning to persons who may in any manner be endangered thereby; but shooting off the solid is hereby prohibited.

#### TITLE VIII—WEIGHTS AND MEASURES.

##### CHAPTER XXIII—*Compensation to Workmen for Labor.*

SEC. 149. The operator of every coal mine where miners are paid by weight, shall provide and hereafter maintain suitable and accurate scales, which scales shall be examined, tested, and kept in thorough repair by a competent person employed by such operator, at least once in every six months; a correct record shall be kept of all coal so weighed, which record shall be open at all reasonable hours to the inspection of miners employed at such mine. Such operator shall keep at the mine weighhouse such standard United States test weights as may be prescribed by the Bureau, for use in testing such scales.

SEC. 150. The operator of every such mine, where miners are paid by weight, shall not, before weighing the coal, pass the same over any screen or other device which shall take any part from the value thereof, or otherwise remove any of the coal; and shall duly credit the just and merchantable weight thereof to the employe sending the same to the surface.

SEC. 151. The person authorized to take such weight and keep such record shall, before entering upon his duties, satisfy the district mine inspector that he understands the operation and adjustment of mine scales; and shall before entering upon his duties take and subscribe before a person authorized to administer oaths, an affidavit that he has not, and will not have, while so employed, any financial interest, direct or indirect, in such mine; and that he will accurately weigh and carefully keep a record of all coal weighed; which affidavit shall be filed in the office of the Clerk of the Circuit Court for the County, and a copy thereof kept conspicuously at the place of weighing, provided that in the event that any person so authorized to take such weight and keep such records shall become incapacitated, the operator may in such emergency appoint some other person, who understands the operation and adjustment of mine scales, who may act in the place and stead of the person authorized until such emergency appointee or some other person may be duly qualified; provided, that immediate action shall be taken to qualify such a person and an immediate report of such emergency action shall be transmitted to the district mine inspector.



SEC. 152. The miners employed in any coal mine in this State shall have power, if they desire, of employing at their own expense a check-weighmaster, who shall have the right to be present and observe the weighing of coal by the weighmaster, to examine and test the scales, to inspect records made by such weighmaster; and be subject to the same qualifications, oath and penalties as such weighmaster.

SEC. 153. The weighmaster shall balance, test and examine the scales each morning before starting to weigh coal; and shall accurately weigh and record the just net weight of such coal, crediting the employee who has sent the same to the surface in tons and hundred-weights computing therefor any majority fraction of a hundred-weight as a whole hundred-weight, and omitting credit of any fraction of a hundred-weight less than one-half a hundred-weight.

SEC. 154. Seventy-six pounds avoirdupois shall constitute one bushel of coal; and two thousand pounds avoirdupois shall constitute one ton of coal.

SEC. 155. The Bureau is hereby made inspector of weights and measures at all mines of this State, and all inspectors thereof are authorized, empowered and directed, under regulation of such Bureau, to conduct frequent inspections of all scales, measuring instruments, cars, and containers, and to determine their condition, accuracy, correct branding, weight, use and operation, to assure the proper use thereof and the competency of any person authorized to use them.

SEC. 156. The operator of every coal mine where miners are paid by measurement, shall provide and maintain at such mine a standard measure, approved by the Bureau, with which all cars or other containers of coal shall be checked and their respective capacities be determined and plainly branded thereon, subject to approval by the Bureau.

SEC. 157. Any person or persons having or using any scale, measure, car, container or other instrument for the purpose of determining the amount of product and resulting compensation of any workman employed in or about any such mine, who shall knowingly or of gross negligence so arrange, construct or operate any such instrument that an incorrect determination and compensation may be reported, or shall make or permit to be made an incorrect and fraudulent record and account thereof, shall be guilty of a misdemeanor; and every day any such instrument is so arranged, constructed, or operated to obtain such

incorrect determination, or such incorrect and fraudulent record and account is made or permitted to be made, shall be a separate offense.

SEC. 158. It shall be unlawful for any person, with intent to cheat or defraud, to place upon any car or other container loaded by any other person a number or check number; or with such intent to change, exchange, substitute, alter or remove any such number or check number; and any such act shall be a misdemeanor.

SEC. 159. Every operator of any such mine shall make payment in lawful money of the United States semi-monthly to his employees, laborers and wageworkers, or to their authorized agents, at their respective places of employment, at intervals of not more than seventeen days. In case any such operator shall refuse to pay at the times above set forth to his employees, laborers or wageworkers the wages due them, or any of them, said operator shall be guilty of a misdemeanor.

SEC. 160. Whenever an operator of any mine in this State discharges an employee, all wages due such employee and unpaid at the time of discharge shall become due and payable immediately.

#### TITLE IX—SAFETY, SANITATION, HEALTH, ETC.

##### CHAPTER XXIV—*Mine Accidents.*

SEC. 161. There shall be kept at each such mine at a place convenient to the mouth of the mine, such adequate equipment, sufficient for the number of persons employed, as may be required by the Bureau to be used in caring for persons injured in or about such mine, and for conveying them to their homes or to a hospital.

SEC. 162. Whenever any person shall receive any injury in or about any such mine, the mine foreman shall immediately see that such person receives adequate medical or surgical attention.

SEC. 163. The Bureau shall have power, whenever the Chief Mine Engineer shall think desirable and the Governor, upon recommendation of the Commissioner of Labor and Statistics shall approve, to provide and maintain at a convenient point or points within the coal mining fields, not less than two complete resuscitating outfits and two full rescue outfits, of type recommended by the United States Bureau of Mines and approved by the Bureau, which shall be available for instruction of rescue crews and for immediate use whenever needed in rescue work.



Sec. 164. The operator of every gaseous coal mine employing as many as one hundred men underground shall endeavor to have trained for rescue work as many as three crews of four men each from his employees; and in such mines employing less than one hundred men, at least one such crew of four men; instructions and facilities to be provided for such crews by the Bureau, and such crews to be permitted to use the apparatus of the Bureau for training purposes under regulation of the Bureau.

Sec. 165. The operator of each coal mine shall report monthly to the district mine inspector on blanks provided by the Bureau, such information as the Bureau may require regarding all fatal and serious accidents that have occurred in and about such mine.

Sec. 166. Whenever any district mine inspector receives notice of the occurrence of a fatal accident occurring at any mine in this State, it shall be the duty of such inspector to go immediately to such mine, to inquire fully into the cause of the accident and to report thereon to the Bureau in writing; a copy of which report shall be sent to the operator of such mine. To enable the district mine inspector to make such inquiry and report, he shall have power to require the attendance of witnesses and to administer oaths and affirmations to them. If any person shall neglect or refuse to obey the summons of such inspector, for such purpose issued, or to testify, except such refusal be privileged, such inspector shall certify the said person for such neglect or refusal to the Circuit Court for the county within which the investigation is held, and the judge thereof shall punish such neglect or refusal as for a contempt. The costs of such investigations shall be paid by the county within which the accident may occur, upon the warrant of the Chief Mine Engineer on a voucher of the district mine inspector certifying the same.

Sec. 167. In case of serious accident in or about any such mine, involving or threatening injury to persons and property, upon receiving notice it shall be the duty of the district mine inspector to proceed to the scene of the accident and to direct the work of rescue, relief and restoration; and he may request the Chief Mine Engineer to come or to detail additional district mine inspectors to assist if necessary.

Sec. 168. Persons not employees of a mine and not authorized, nor permitted by law, shall not enter such mine until the operator has consented, nor until and when accompanied by a competent guide authorized therefor by such operator.

Sec. 169. The operator of every such mine shall adopt and install a system whereby when required by and under regulation of the Bureau, the employees shall check in and out of such mine.

#### CHAPTER XXV—*General Sanitation and Health Provisions.*

Sec. 170. Upon submission of an application signed by sixty per cent. of the employees in and about any coal mine within this State, approved by the Bureau, the operator of such mine shall provide and maintain at a convenient point near the principal entrance of such mine an adequate and sanitary washroom for the use of the employees of such mine; or upon submission of an application signed by twenty-five per cent. of such employees, approved as aforesaid, such operator shall provide and maintain at a location convenient for its use by such employees, near to an entrance of such mine, a sanitary washroom adequate for the needs of such signatory employees; all washrooms to be heated, provided with hot and cold water and suitable means for bathing, and with lockers sufficient in number and adequate in size for the employees, at their own risk, under locks provided by themselves to store their personal clothing and belongings. The cost of operation of such washroom to be borne as may be agreed upon by such operator and such employees.

Sec. 171. No stable shall be provided in any mine unless the same is excavated in solid rock, or built, or thoroughly lined with fire-proof material; and all such stables shall be subject to regulations by the Bureau, including regulations as to use of hay or straw, ventilation, cleaning and sanitation, lights and precautions against fire.

Sec. 172. No person shall go into or around a mine or the buildings or machinery connected therewith, while under the influence of intoxicants or deleterious drugs; nor shall any person use, carry, or have in his possession at, in, or around any such mine or the buildings or machinery connected therewith, any intoxicants or deleterious drugs; and any violation of this provision shall be a misdemeanor.

Sec. 173. No male child under the age of sixteen years, nor female of any age, shall be employed, permitted or suffered to work in any capacity in, about or in connection with any mine; provided, that this section shall not apply to mine offices.



CHAPTER XXVI—*General Provisions.*

Sec. 174. Any person who neglects or refuses to perform the duties required of him by this act, or by regulations duly made thereunder, or who violates any of the provisions or requirements thereof, shall, except as otherwise provided in this act, be deemed guilty of a misdemeanor and shall, upon conviction thereof in the circuit court of the county within which the misdemeanor was committed, be punished by fine not exceeding two hundred dollars. Any violation of this act specially declared to be a misdemeanor by any provision thereof shall be punished by a fine not less than one hundred dollars, nor more than five hundred dollars, or by imprisonment not exceeding one year, unless otherwise specially provided herein.

Sec. 175. Wherever because of any provision of this act it becomes necessary for any operator or other person to construct, reconstruct, change, alter, commence or abandon any thing, matter or practice in, about, or relating to any mine or mining operation, such operator or other person may have three months time after this act becomes effective for compliance therewith; and if after diligent effort such time prove insufficient, then such operator or other person may, upon proper showing of diligence and inability to comply, be granted by the Bureau a farther extension of time for such compliance, not exceeding six months additional time.

Sec. 176. If any section, sub-section, sentence, clause, or phrase of this act is for any reason held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this act, it being the intention of the General Assembly to pass this act, and each section, sub-section, sentence and phrase thereof, irrespective of the fact that any one or more other sections, sub-sections, sentences or phrases be declared unconstitutional.

Sec. 2. *And be it enacted*, That this Act shall take effect from and after the first day of October, 1922.

Approved: April 13th, 1922.



**NON-FATAL ACCIDENTS DURING THE YEAR 1921-1922 IN ALLEGANY COUNTY.**

**CONSOLIDATION COAL COMPANY MINE No. 1.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— June	1 Patrick A. O'Rourke	Miner	25	Single	6	4	American	Ocean, Md.
July	1 Peter Ziller	Fireman	47	Married	45	4	American	Norfolk, Md.
July	9 Jacob Willets	Miner	46	Married	19	2	American	Middland, Md.
Aug.	4 John P. O'Rourke	Miner	41	Married	11	7	American	Ocean, Md.
Sept.	18 John Monahan	Ditch Cleaner	21	Single	35	3	American	Ocean, Md.
Oct.	4 Kilgore Ezzert	Coupler	40	Married	10	3	American	Middland, Md.
Nov.	6 John Blair	Miner	20	Single	10	3	American	Middland, Md.
Dec.	15 Joseph Nimit	Carpenter	19	Married	16	4	American	Middland, Md.
1922— Jan.	6 Homer M. Hughes	Chairman (Bldg. Dept.)	57	Married	None	4	American	Prosbury, Md.
Jan.	7 Cleaver Richardson	Section Foreman	21	Single	None	3	American	Prosbury, Md.
Jan.	10 Frank Huerles	Miner	50	Married	2	3	American	Prosbury, Md.
Jan.	12 John Devlin	Miner	30	Married	8	2	American	Ocean, Md.
March	17 Patrick O'Brien	Miner	29	Married	8	2	American	Middland, Md.
March	21 Richard McGinn	Miner	35	Married	5	7	American	Middland, Md.
March	21 Jerry McBride	Driver	34	Married	50	4	American	Donnington, Md.
March	22 Harold Wilson	Miner	27	Married	30	1	American	Prosbury, Md.
March	29 Patrick F. O'Hulleran	Miner	29	Married	33	2	American	Middland, Md.
1921— May	20 Wm. Parker	Miner	26	Married	33	2	American	Middland, Md.
June	22 Samuel Closterman	Miner	24	Single	7	1	American	Prosbury, Md.
July	26 James L. Dean	Miner	52	Married	4	1	American	Prosbury, Md.
Aug.	8 James Nelson	Miner	41	Married	3	4	American	Prosbury, Md.
Aug.	30 George Stiffr	Miner	24	Single	22	5	American	Prosbury, Md.
Sept.	2 Benjamin Robertson	Miner	36	Married	21	3	American	Prosbury, Md.
Sept.	3 Noah Beaman	Miner	56	Married	20	10	American	Prosbury, Md.
Aug.	30 Lawrence Brode	Miner	26	Married	23	3	American	Prosbury, Md.
Sept.	12 George Brode	Miner	18	Single	12	1	American	Shaft, Prosbury, Md.
Sept.	20 Thos. Carney	Miner	56	Single	1	2	American	Prosbury, Md.
Sept.	29 Webster W. Frost	Miner	83	Married	9	3	American	Prosbury, Md.
Sept.	27 John J. Betch	Larryman	52	Married	29	3	American	Hoffman, Md.
Oct.	12 Howard Atkinson	Miner	36	Married	21	5	American	Prosbury, Md.
Oct.	15 John Conner	Miner	54	Married	9	7	American	Prosbury, Md.
Oct.	24 Richard Gunter	Miner	50	Married	65	5	American	Prosbury, Md.
Nov.	26 James Flynn	Laborer	45	Married	53	2	American	Prosbury, Md.
Nov.	30 Albert Lewis	Driver	28	Married	35	1	American	Prosbury, Md.
1922— Jan.	13 John Eisenbroun	Miner	58	Married	104	6	American	Eckhart, Md.
Jan.	11 Ernest McKeenzie	Driver	27	Married	27	1	American	Prosbury, Md.
Jan.	12 Johnson Devore	Miner	24	Single	3	1	American	Prosbury, Md.
Jan.	31 John Holsinger	Laborer	25	Married	26	1	American	Eckhart, Md.

**CONSOLIDATION COAL COMPANY MINE No. 1.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— June	23 Joseph Nelson	Miner	30	Married	11	1	American	Prosbury, Md.
Sept.	14 Thos. Stewart	Miner	40	Married	2	2	American	Eckhart, Md.
Sept.	17 Maurice Myers	Carpenter	44	Married	9	2	American	Eckhart, Md.
Oct.	20 Raymond Seifarth	Driver	25	Married	14	4	American	Eckhart, Md.
1922— Mar.	27 Victor Replhorn	Carpenter	30	Married	20	1	American	Eckhart, Md.

**CONSOLIDATION COAL COMPANY MINE No. 3.**

**Cause of Accident, Nature and Extent of Injury.**

Was riding trip; bruised hip.  
Pushing car; strained back.  
Was setting up timbers; sprained back.  
Making wedge; handle of axe caught in pants; cutting thumb to bone.  
Horseback fell on him while he was shoveling in car; bruising back and fracturing three ribs.  
Piece of rock slid off rib; bruising instep of left foot.  
Was taking lump of coal out of car; he slipped off the car and wheel ran fracturing it.  
Lump slid off rib and hit foot, smashing big toe back of nail.  
While placing sill on fan motor foundation, sill slipped; catching finger bet foundation; bruising third finger.  
Piece of slate fell from roof striking Mr. Hughes on head, cutting it.  
Was unloading Transformers from truck; one of them fell over striking a foot.  
Was standing with pick resting on foot; rock fell; pick struck foot, cutting ankle.  
Piece of rib fell, cutting head, arms and shoulders.  
Piece of rock fell from roof; cutting artery in head.  
Fell off front end of car; car jumped truck; and came down on his stomach and hips squeezed.  
Stomach and hips squeezed.  
Horse was passing car; trace chain caught on end gate bar; throwing car.  
Mr. McDade, fracturing three ribs.  
Horseback fell; hit him on back; knocking him against car; fracturing two ribs.  
Car jumped truck and caught him against corner of place; fracturing three ribs.

**Cause of Accident, Nature and Extent of Injury.**

Was digging breast coal; pick slipped and went into foot.  
Was on front end of trip; horse kicked him; fracturing fourth finger of hand and cutting jaw.  
Was making wedge; end of axe handle caught in rail; cutting thumb of left hand; catching finger between rolling props; bruised middle finger.  
Hanging lift a loaded car on track; ruptured himself.  
Piece of coal fell from rib; fracturing three ribs.  
Shipped on prop; threw out hand to protect himself; caught index finger frame of car and close timber; bruising it.  
Was shoveling coal into car; piece of coal fell; bruising wrist of right arm, between thumb and first finger.  
Prop broke; piece of roof coal fell; bruising head and arm.  
Was lifting lump of coal to car; lump broke; coal fell; smashing big toe of right hand.  
Was taking prop from under end gate of herry; gate came down and lacerated right hand.  
Lifting car on track; strained hip.  
Was picking slate off car and shipped off wheel breaking three ribs.  
Mining breast coal; piece fell; bruising leg and back.  
Putting up block over cross bar; block fell and smashed big toe.  
Was running along trip; fell and struck side against car; fracturing three ribs.  
Piece of roof coal fell; fracturing rib; bruising side and cutting hand.  
Horse stepped on foot; bruising it.  
Was making wedge; cut thumb of left hand.  
Piece of rock fell; left side of head cut; shoulder bruised and ankle injured.

**Cause of Accident, Nature and Extent of Injury.**

Piece of roof coal fell striking and spraining back.  
Was splitting wood for wedge; axe slipped; cut left foot.  
Was crating furniture; went to pull nail with hotether; cut left hand severely.  
Hauling load and empty timber truck; load got off track and bumped off true top of bumper of load; catching left foot; bruising toe and tearing off true.  
Turning mine car to repair it and sprained back.



CONSOLIDATION COAL COMPANY MINE No. 10.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— Aug.	6 John Rae	Miner	36	Single	39		Swabman	Eckhart, Md.
Aug.	8 Wm. T. Payne, Sr.	Miner	53	Married	26	6	American	Eckhart, Md.
Oct.	14 Wm. T. Allen, Sr.	Miner	45	Married	18	4	American	Eckhart, Md.
Nov.	14 Edward Shues	Miner	29	Married	14	2	American	Frostburg, Md.
Nov.	14 Thos. Grace	Brakeman	21	Married	59	4	American	Eckhart, Md.
Nov.	17 John Connor	Miner	61	Married	20	4	American	Eckhart, Md.
Nov. Dec.	25 David D. Williams, Sr.	Miner	53	Married	15	8	American	Frostburg, Md.
Dec.	13 John Connor	Miner	61	Married	48	4	American	Eckhart, Md.
Dec. 1922— Jan.	22 Sam Quartucci	Miner	38	Married	15	4	Italian	Eckhart, Md.
Jan.	28 Ralph Skelly	Miner	33	Married	23	3	American	Eckhart, Md.
Feb.	4 David F. Harriman, Sr.	Miner	58	Married	4	4	American	Eckhart, Md.
Feb.	2 David D. Williams	Miner	53	Married	15	9	American	Frostburg, Md.
Feb.	20 Thos. Moore	Driver	21	Single	12	2	American	Eckhart, Md.
March	8 Tony Stucin	Miner	43	Married	23	6	American	Eckhart, Md.
March	25 Santy Caplin	Miner	24	Married	17	2	Italian	Eckhart, Md.
March	20 Lester Repporn	Miner	26	Married	26	2	American	Eckhart, Md.

CONSOLIDATION COAL COMPANY MINE No. 11.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— May	20 Joseph Cathcart	Miner	40	Married	26	3	American	Frostburg, Md.
May	28 Henry Lloyd	Miner	40	Single	13	1	American	Frostburg, Md.
June	16 Llewellyn Saunders	Miner	23	Single	1	1	American	Frostburg, Md.
June	24 Anthony Ritchie	Laborer	32	Married	38	2	American	Frostburg, Md.
June	21 John Ware	Miner	23	Married	29	2	American	Frostburg, Md.
July	11 Henry Spiker	Miner	40	Married	31	3	American	Frostburg, Md.
July	15 James Eakin	Miner	41	Married	7	3	American	Frostburg, Md.
July	15 Alfred Hawkins	Miner	48	Married	16	10	American	Frostburg, Md.
Sept.	6 Wm. Main	Miner	46	Married	14	4	Schochman	Lonaconing, Md.
Sept.	6 John Thomas, Sr.	Miner	25	Married	14	1	American	Frostburg, Md.
Oct.	6 Jacob Steve	Miner	35	Married	12	3	American	Middleton, Md.
Oct.	20 Clarence Cook	Miner	40	Married	9	3	American	Frostburg, Md.
Oct.	25 Joseph Kelso	Miner	26	Married	28	1	American	Frostburg, Md.
Oct.	28 Anthony Ritchie	Drakeman	32	Married	50	3	American	Middleton, Md.
Oct. Nov.	29 Robert Pascoe	Engineer	44	Married	15	1	American	Frostburg, Md.
Nov.	18 Howard Skidmore	Miner	21	Married	19	2	American	Middleton, Md.
Nov.	18 Louis Skidmore	Miner	37	Married	37	6	American	Middleton, Md.
Nov. 1922— Jan.	18 Thos. Neilson, Sr.	Miner	23	Married	Still off	6	American	Frostburg, Md.
Jan.	14 John S. Keilings	Miner	42	Married	31	7	American	Frostburg, Md.
Jan.	16 Wm. Lloyd	Miner	43	Married	26	4	American	Frostburg, Md.
Jan.	21 August Burkenbaugh	Miner	20	Single	10	1	American	Frostburg, Md.
Jan.	25 Frank Manderrin	Miner	25	Married	69	4	Italian	Frostburg, Md.
Jan.	25 Alphon Nicolato	Miner	30	Married	105	4	Italian	Frostburg, Md.
Feb.	31 Philip Parilla	Miner	48	Married	11	3	Italian	Frostburg, Md.
Feb.	16 James Catchart, Sr.	Miner	27	Married	Still off	3	American	Frostburg, Md.
Feb.	18 Clarence Cook	Miner	41	Married	19	3	American	Frostburg, Md.

Cause of Accident, Nature and Extent of Injury.

Two cars which he had left standing on track without setting brake ran into him, injuring back.  
 Rolling rock to front end of car; his buddy threw piece of rock; it smashed fourth finger of left hand.  
 Getting rail out of pile, another rail rolled down and smashed fingers.  
 Was helping lift car on track; sprained back.  
 On car making coupling, caught thumb between draw bars on cars; it of right hand.  
 Pushed loaded car out of place; it jumped track catching hand betw little finger of right hand smashed and flesh torn off at first joint.  
 Was helping lift car on track; strained right side.  
 Pushed empty car into working place; front end of car jumped track end up against roof, catching hand between prop and car, smushed.  
 Helped push car into place; slipped and fell, straining side.  
 Was pushing loaded car out of place; car jumped track; hit prop, dis timber and rock fell, bruising leg.  
 Sitting on empty car; buddy was pushing car into place; foot caught throwing him out of car, twisting and bruising ankle.  
 Making wedge; axe handle caught in pants, cutting thumb of left hand.  
 Running load out of place; caught hand between roof and brake; if hand smashed.  
 Pushed car out; it jumped track, catching hand between air brake and cutting open finger of left hand.  
 Was boring; ratchet slipped; handle hit him in mouth; upper lip was loosened.  
 Was pushing car out of room; he slipped, spraining larder and bruising

Cause of Accident, Nature and Extent of Injury.

Running loaded car out of place; slipped and fell; bruised knee.  
 Was placing check under loaded car; thumb of left hand under car.  
 Running loaded car down room; struck tie in middle of track; bruise smashing repair locomotive; suspension bar came out; motor driving loaded car from face of room; slipped and fell, bumping knee bruising it.  
 Put off shot; coal knocked him back against prop; injured ribs.  
 Slate fell; sprained and bruised back.  
 Index finger, left hand, struck by buddy's pick; cut to bone.  
 Was gobbing rock; went to throw piece back in goil; sprained back.  
 Throwing car into room; foot slipped; he sprained back.  
 Chams he strained back while pushing loaded car from place.  
 Piece of rock fell from roof, catching hand on end of spike bar, smushed flesh from side of left hand.  
 Finished cleaning up rock shot and started to load car; piece of rock him down, bruising shoulders.  
 Raising brakes; elbow caught against roof while hand was on brake, bruising right wrist.  
 Was starting air compressor; strained ligaments in back.  
 Was helping reload hole; placed charge and dynamite in back.  
 Went to push lighted fuse back into hole, when it exploded; arms and hand and loss of sight of both eyes.  
 Was mining breast and piece of rock fell, rupturing side.  
 Lighted fuse; went to walk away; it exploded, and piece of dynamite hitting it.  
 Pushing load out of room; slipped, spraining left side.  
 Rock fell from roof, cutting artery on back of hand.  
 Was shoveling coal; rock came down, striking shoulder and back; do two ribs in right side broken.  
 Mining coal; top rock came down, striking shoulders and legs; bruised ribs, smashing and bursting finger, catching index finger of left hand b was on bottom cleaning; brick fell down, striking Mr. Cathcart's index hand, breaking and splintering it.  
 Was lifting car on track; sprained back.



**CONSOLIDATION COAL COMPANY MINE No. 12.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— May	4 James Middleton	Miner	30	Married	1	2	American	Carlos, Md.
May	17 John Meager	Miner	43	Married	None	7	American	Frostburg, Md.
May	21 Thos. Gibby	Miner	44	Single	28	4	Scottishman	Frostburg, Md.
June	3 Geo. Tennant	Miner	43	Married	6	2	American	Shaft, Frostburg, Md.
June	8 Archie Davis	Miner	26	Married	16	7	American	Frostburg, Md.
June	6 Chas. Brown	Miner	37	Married	7	4	American	Frostburg, Md.
June	13 Thos. Winters	Miner	50	Married	None	2	American	Frostburg, Md.
July	18 James Lloyd	Miner	46	Married	15	4	American	Frostburg, Md.
Aug.	1 John Grey	Blacksmith Hpr.	30	Married	None	4	American	Frostburg, Md.
Aug.	5 John Kerr	Miner	33	Married	86	1	American	Frostburg, Md.
Aug.	30 James Mitchell	Miner	35	Married	None	3	American	Frostburg, Md.
Sept.	12 Wm. Lindsay	Laborer	19	Single	12	3	American	Frostburg, Md.
Oct.	3 Wm. Quinn	Miner	38	Married	3	3	American	Shaft, Frostburg, Md.
Oct.	17 George Walker	Miner	34	Married	None	3	American	Frostburg, Md.
Oct.	29 Philip Rank	Driver	25	Married	24	1	American	Frostburg, Md.
Nov.	14 Thos. Lloyd	Miner	39	Married	32	3	American	Frostburg, Md.
Dec.	5 Wm. Quinn	Miner	38	Married	None	3	American	Frostburg, Md.
Dec.	14 James Kerzan	Timberman	18	Single	None	2	American	Eckhart, Md.
1922— Jan.	6 John Kerr	Miner	34	Married	26	1	American	Frostburg, Md.
Jan.	17 Daniel Lloyd	Miner	36	Married	29	5	American	Frostburg, Md.
March	21 James Weston	Miner Inspector	66	Married	3	1	American	Eckhart, Md.
March	31 Clarence Forler	Blacksmith	21	Single	25	1	American	Eckhart, Md.
March	29 Edward Miller	Miner	32	Married	39	2	American	Eckhart, Md.

**CONSOLIDATION COAL COMPANY MINE No. 13.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— July	13 Chris Walbert	Driver	27	Single	16	3	American	Frostburg, Md.
Sept.	7 Wm. H. Walbert, Jr.	Driver	19	Single	33	3	American	Frostburg, Md.
Oct.	1 John McGuire	Miner	65	Married	26	3	American	Frostburg, Md.
Oct.	24 Webster Blocher	Miner	44	Married	23	5	American	Frostburg, Md.
Oct.	31 John B. Thomas, Sr.	Miner	58	Married	29	10	American	Frostburg, Md.

**CONSOLIDATION COAL COMPANY MINE No. 14.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— Oct.	20 Osborn Richardson	Miner	30	Married	8	6	American	Zihnan, Md.
Oct.	20 Chas. Seigmyer	Driver	32	Married	41	4	American	Frostburg, Md.
Nov.	30 Andrew Boyd	Miner	54	Married	27	4	Scottishman	Frostburg, Md.
1921— June	16 Leo Kalhmyer	Occupation. Driver	20	Married or Single.	None	None	American	Hoffman, Md.

**Cause of Accident, Nature and Extent of Injury.**

Timber discharged; piece of coal fell; injured right knee.  
Pick struck timber, which caused it to turn, striking temple close to eye.  
Was slating bottoms; piece of slate flew from pick point, injuring right eye.  
Was holding prop in place; huddle struck at prop with axe; hit Mr. Tenn  
finger of left hand, smashing it.  
Piece slid off rib, cutting head, bruising neck and shoulder.  
Was prying bar back from breast, pick fell, puncturing vein in left forearm.  
Loading cart; bumped elbow against prop; sore elbow.  
Was walking into work; fell striking crossie; sprained wrist; bruised hip.  
Shoosing horse; horse pulled foot through Mr. Gray's hand, and nail cut  
cutting it.  
Rock slid off fall; went to pass car to get away and leg caught against  
skin and fracturing leg.  
Was making wedge; axe struck knot, causing it to glance, cutting right  
Running car to dirt tipples; slipped off bumper of car; struck brake ha  
foot.  
Helping put car on truck; one end slipped off, catching arm between ca  
Was bruising elbow and muscles of arm.  
Was standing up mining; pick slipped, injuring instep.  
Was dropping brake off hook; car swung around on turn, catching arm;  
and brake straining wrist.  
Putting up cross bar; went to trim behind with pick; hand hit bar, cut  
of left hand, bruising it.  
Chipping top breast coal; piece flew, injuring eye.  
Renewing timber; roof broke; old bar came out, striking head and knock  
rail of car; head cut, nose and hip bruised.

**Cause of Accident, Nature and Extent of Injury.**

Walking from head house to blacksmith shop; slipped and injured leg.  
Was up on rock putting up bar; rock slipped from under foot, knocking sk  
Walking on heading; piece of coal fell, bruising and cutting nose.  
Was pushing against loaded car with foot; foot slipped off car and ca  
bumper, bruising left foot, across toes.  
Piece of breast coal fell, striking left foot, bruising it.

**Cause of Accident, Nature and Extent of Injury.**

Was dumping car; it fell back, striking knee, bruising it and causing blood  
Was putting down brake; puddle bar turned, causing hand to strike bum  
Was car following bumped fingers; lost one-third of second finger of left ha  
Was digging down coal; piece fell from roof, cutting head and straining  
Rock fell from roof and bruised back.  
Ship in roof; rock fell; shoulders, knee and ankle strained and bruised.

**Cause of Accident, Nature and Extent of Injury.**

Was digging up bottoms; pick struck piece of slate and glanced off, penet  
just below ankle.  
Catch on brake of car was loose; caught little finger of right hand between  
brake handle, smashing end off.  
Was helping build a crib; had prop up to huddle; foot slipped; he dro  
catching finger against another prop, smashing index finger of left han

**CONSOLIDATION COAL COMPANY MINE No. 15.**



1921—  
Oct. 22  
Nov. 7

**Name of Person Injured.**  
Cambria Williams  
Amiel Kemmer

**Occupation.**  
Miner  
Miner

**Age.**  
24  
33

**Married or Single.**  
Married  
Married

**Number Days Lost.**  
12  
23

**Number in Family.**  
3  
5

**Nationality.**  
American  
American

**Residence.**  
Frostburg, Md.  
National, Md.

**Cause of Accident, Nature and Extent of Injury.**  
Walked up behind horse; horse kicked him in face, cutting eye and breaking lifted hump of coal; it broke; twisted tender in right hand.

1922—  
March 31

**Name of Person Injured.**  
Thomas Keynor, Sr.

**Occupation.**  
Miner

**Age.**  
55

**Married or Single.**  
Married

**Number Days Lost.**  
50

**Number in Family.**  
8

**Nationality.**  
American

**Residence.**  
Gilmore, Md.

**Cause of Accident, Nature and Extent of Injury.**  
Fall of rock; bruised ankle

1921—  
Dec. 3  
1922—  
Feb. 8  
March 8

**Name of Person Injured.**  
Joseph Crawford  
James J. Fitzpatrick  
William H. Rankin

**Occupation.**  
Miner  
Miner  
Miner

**Age.**  
43  
48  
27

**Married or Single.**  
Married  
Single  
Married

**Number Days Lost.**  
35  
14  
30

**Number in Family.**  
7  
2  
2

**Nationality.**  
American  
American  
American

**Residence.**  
Lonaconing, Md.  
Lonaconing, Md.  
Lonaconing, Md.

**Cause of Accident, Nature and Extent of Injury.**  
Fall of rock; bruised foot.  
Lifting iron; sprained wrist.  
Loading coal on car; bruised and infected hand.

**GEORGE'S CREEK COAL CO., INC., MINE No. 4.**

1921—  
May 9  
May 28  
Aug. 22  
Sept. 13  
Sept. 21  
Sept. 21  
Oct. 17  
Nov. 23  
Nov. 12  
Dec. 16  
Dec. 21  
1922—  
Feb. 22

**Name of Person Injured.**  
Leo Galwaller  
Gibson Miller  
George Allen  
Matthew J. Fitzpatrick  
James Creighton  
John W. Beeman  
John T. Beeman  
Hugh S. Connors  
Robert Gibson  
Gibson Miller  
Arthur Sanders  
Gibson Humphrey

**Occupation.**  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner  
Miner

**Age.**  
17  
30  
30  
32  
42  
36  
46  
25  
30  
30  
56  
31  
30  
30

**Married or Single.**  
Single  
Married  
Married  
Single  
Single  
Single  
Single  
Married  
Married  
Married  
Married  
Single  
Married

**Number Days Lost.**  
22  
40  
50  
21  
112  
31  
30  
30  
4  
45  
22  
35  
10

**Number in Family.**  
1  
3  
3  
3  
3  
3  
2  
3

**Nationality.**  
American  
American  
American  
American  
American  
American  
American  
American  
Scottishman  
American  
American  
American

**Residence.**  
Gilmore, Md.  
Gilmore, Md.  
Midland, Md.  
Lonaconing, Md.  
Lonaconing, Md.  
Lonaconing, Md.  
Lonaconing, Md.  
Lonaconing, Md.  
Lonaconing, Md.  
Lonaconing, Md.  
Lonaconing, Md.  
Gilmore, Md.  
Lonaconing, Md.

**GEORGE'S CREEK COAL CO., INC., SAW MILL HAND.**

1922—  
March 23

**Name of Person Injured.**  
Bernard McKenty

**Occupation.**  
Logger

**Age.**  
55

**Married or Single.**  
Married

**Number Days Lost.**  
None

**Number in Family.**  
5

**Nationality.**  
American

**Residence.**  
Lonaconing, Md.

**Cause of Accident, Nature and Extent of Injury.**  
Hauling logs; bruised ankle.

**HOPEA BROS. COAL CO.**

1921—  
Sept. 19

**Name of Person Injured.**  
James McKerro

**Occupation.**  
Laborer

**Age.**  
55

**Married or Single.**  
Single

**Number Days Lost.**  
4

**Number in Family.**  
1

**Nationality.**  
Nationality.

**Residence.**  
Residence.

**Cause of Accident, Nature and Extent of Injury.**  
Injured on his way home from work on mining car; brakes failed to hold train away.

**NORTH MARYLAND COAL COMPANY.**

1921—  
May 12

**Name of Person Injured.**  
Wm. Youngerman

**Occupation.**  
Miner

**Age.**  
33

**Married or Single.**  
Married

**Number Days Lost.**  
17

**Number in Family.**  
4

**Nationality.**  
American

**Residence.**  
Frostburg, Md.

**Cause of Accident, Nature and Extent of Injury.**  
Fall of rock; bruised ankle.



WEST VIRGINIA PULP AND PAPER COMPANY, DEVON NO. 1.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— Sept.	27 D. S. Keller	Miner	30	Married	12	5	American	Westernport, Md.
Oct.	25 Stanley Gross	Miner	19	Single	90		American	Piedmont W. Va.
1922— Oct.	31 George Gurgulis	Miner	29	Married	34	4	Lithuanian	Westernport, Md.
Jan.	4 Peter Jurgell	Miner	30	Married	25	5	Lithuanian	Westernport, Md.
Jan.	12 Tony Zampare	Miner	28	Married	26	3	Italian	Westernport, Md.
March	25 A. J. Spangler	Carpenter	48	Married	17	0	American	Westernport, Md.
April	7 Chas. B. Staley	Miner	54	Married	17	0	American	Westernport, Md.

PIEDMONT & GEORGE'S CREEK COAL CO. MINE NO. 1.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— May	2 Harmon Broadwater	Laborer	26	Married	10		American	Westernport, Md.
June	24 William Ravenscroft	Laborer	44	Married	23		American	Westernport, Md.
June	28 Thomas Griffith	Laborer	19	Single			American	Prosbury, Md.
1922— March	13 Albert Riegleman	Laborer	47	Married	9		American	Westernport, Md.
March	21 Martin Goadry	Laborer	28	Single	28		American	Westernport, Md.

PIEDMONT & GEORGE'S CREEK COAL CO. MINE NO. 2.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1922— Feb.	8 Joseph Brophy	Laborer	25	Single	72		American	Prosbury, Md.
Feb.	9 Robert Anderson	Miner	43	Married	28		American	Westernport, Md.

PIEDMONT & GEORGE'S CREEK COAL CO. MINE NO. 2.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— June	22 John Bryson	Foreman	32	Married	18		American	Prosbury, Md.
July	9 Louis Arnone	Miner	38	Married	14		Italian	Prosbury, Md.
July	14 Hermann Kroll	Miner	40	Married	10		American	Prosbury, Md.
July	13 Joseph Pesavento	Miner	28	Single	12		Italian	Prosbury, Md.
July	28 Arthur Norris	Laborer	24	Married	18		American	Prosbury, Md.
Dec.	10 Mike Caruso	Miner	33	Single	24		Italian	Prosbury, Md.
1922— Jan.	17 George Gurney	Miner	56	Married	20		American	National, Md.
Jan.	18 John Steen	Miner	41	Single	7		American	Mithobian, Md.
Feb.	6 Isaac Yates	Miner	33	Married	28		American	Prosbury, Md.
Feb.	9 Thomas Williams	Miner	60	Married	42		American	Prosbury, Md.

W. VA. PULP & PAPER COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1922— Apr.	11 Wm. Munsie	Machine runner	31	Married	Still disabled	5	American	Westernport, Md.

Cause of Accident, Nature and Extent of Injury.

Hand caught between brake on car and mine prop, smashing little finger. Helping motorman pull a load; caught between top of load and roof; rig above elbow. Piece of rock fell out of the roof, hitting him on the instep and smashing riding inside of empty car into his place, caught his head between car and his head. Caught his foot between car and motor, spraining ankle. Working inside of coal chute; hump of coal rolled down, hitting him in the piece of rock fell out of the roof, hitting him on the hip, bruising it.

Cause of Accident, Nature and Extent of Injury.

Mr. Broadwater was operating a mining machine, and the cutting chain cap and knocked it down, the cap striking him and lacerating his jaw. Was cutting a cap piece for a prop, and the handle of his axe caught in causing the axe to slip and cut the thumb of his left hand. Was riding in mine on front bumper of electric motor; resistance shoe and fell back along the track, and a mine car ran over his right leg necessary to amputate same above the knee, car ran over his right leg. Was in bottom of railroad car cleaning coal, and a large hump of coal fell brushing wrist out of hitching when bumpers came together, catching brushing wrist of his right hand.

Cause of Accident, Nature and Extent of Injury.

Was helping to load a cutter bar of mining machine in a car when it was throwing piece of rock in a car and his finger caught between rock and roof, breaking his finger.

Cause of Accident, Nature and Extent of Injury.

Was throwing switch for motor, and glove caught on switch throw; cut between throw and the and smashing second and third fingers. Piece of rock fell from roof, striking and cutting his arm just above wrist resting against prop. Mr. Kroll lacerated the back of his hand, which he burnt the rib while at work and caused it to become infected. Was loading rock into mine car, and caught his hand between car and prop, bruising his left hand. Was uncoupling mine cars, and caught his second finger on right hand and pin was taking down some rock with bar; the bar slipped and struck his hand two fingers. Was taking down rock, when piece fell out, catching him across small on cutting wedge for prop, and axe slipped, cutting end of thumb. Was cutting prop, when axe glanced and cut his leg. Was loading some rock on car, and caught his finger between two pieces badly cutting same.

Cause of Accident, Nature and Extent of Injury.

Friction on machine gave away, causing it to run back on him, breaking ankle.



**MT. SAVAGE FUEL COMPANY.**

1922—  
Feb. 18 Edward McKenzie  
Occupation: Laborer  
Age: 46  
Married or Single: Married  
Number Days Lost: 46  
Number in Family: 7  
Nationality: American  
Residence: Mt. Savage, Md.

Cause of Accident, Nature and Extent of Injury.  
Rerolling car; fractured rib.

**KOONFZ COAL COMPANY.**

1921—  
Dec. 13 Clarence Cooper  
Occupation: Miner  
Age: 32  
Married or Single: Married  
Number Days Lost: 18  
Number in Family: 18  
Nationality: American  
Residence: Middleham, Md.

1922—  
Feb. 23 Robert Neff  
Occupation: Miner  
Age: 31  
Married or Single: Married  
Number Days Lost: 18  
Number in Family: 18  
Nationality: American  
Residence: National, Md.

March 13 Henry H. McKee  
Occupation: Miner  
Age: 24  
Married or Single: Married  
Number Days Lost: Indefinite  
Number in Family: Indefinite  
Nationality: American  
Residence: Lord, Md.

Cause of Accident, Nature and Extent of Injury.  
Struck by piece of rock; arm and shoulder bruised.  
Caught finger between car and roof; index finger amputated.  
Pushing car, slipped, injuring hand; small bone in hand broken.

**THE MCNEWT COAL CO. MINE No. 2.**

1921—  
Nov. 5 John Conrad  
Occupation: Laborer  
Age: 26  
Married or Single: Single  
Number Days Lost: 18  
Number in Family: 18  
Nationality: American  
Residence: Middleham, Md.

1922—  
Feb. 20 John Munzie  
Occupation: Miner  
Age: 56  
Married or Single: Married  
Number Days Lost: 12  
Number in Family: 12  
Nationality: American  
Residence: Frostburg, Md.

Cause of Accident, Nature and Extent of Injury.  
Caught foot under tie; ligaments of ankle torn loose.  
Caught hand between car brake handle and prop.

**OLD COLONY COAL COMPANY.**

1921—  
Oct. 31 Yernen Wildan  
Occupation: Miner  
Age: 24  
Married or Single: Widower  
Number Days Lost: 10  
Number in Family: 2  
Nationality: American  
Residence: Moscow, Md.

Cause of Accident, Nature and Extent of Injury.  
Bruised kidney.

**MARYLAND COAL COMPANY.**

1921—  
Oct. 21 John Porter  
Occupation: Miner  
Age: 48  
Married or Single: Widower  
Number Days Lost: 2  
Number in Family: 2  
Nationality: American  
Residence: Longwood, Md.

Cause of Accident, Nature and Extent of Injury.  
Strained himself pushing mine car.

**ADAMS COAL CO.**

1922—  
March 22 George Duncan  
Occupation: Miner  
Age: 23  
Married or Single: Married  
Number Days Lost: 3  
Number in Family: 3  
Nationality: American  
Residence: Middleham, Md.

Cause of Accident, Nature and Extent of Injury.  
Piece of coal struck him in the eye; temporary.

**HOPEA BROS. COAL CO.**

1922—  
March 3 Robert Russell  
Occupation: Laborer  
Age: 19  
Married or Single: Single  
Number Days Lost: 18  
Number in Family: 18  
Nationality: American  
Residence: Barton, Md.

March 18 George Metz  
Occupation: Miner  
Age: 45  
Married or Single: Married  
Number Days Lost: 10  
Number in Family: 10  
Nationality: American  
Residence: Barton, Md.

Cause of Accident, Nature and Extent of Injury.  
Dumping a car of coal; his knee was caught and twisted.  
While mining, picked hand; injured it and it became infected.

**H. G. EVANS.**

1922—  
Jan. 24 John D. Keller  
Occupation: Miner  
Age: 49  
Married or Single: Married  
Number Days Lost: 55  
Number in Family: 2  
Nationality: American  
Residence: Frostburg, Md.

Cause of Accident, Nature and Extent of Injury.  
Head cut with hump of coal.

**HAMPSHIRE BIG VEIN COAL CO.**

1922—  
April 8 Albertus Llewellyn  
Occupation: Laborer  
Age: 32  
Married or Single: Single  
Number Days Lost: 7  
Number in Family: 7  
Nationality: American  
Residence: Barton, Md.

April 12 McComas Broadwater  
Occupation: Laborer  
Age: 32  
Married or Single: Married  
Number Days Lost: 7  
Number in Family: 7  
Nationality: American  
Residence: Westernport, Md.

Cause of Accident, Nature and Extent of Injury.  
Lifting car off truck and car dropped on toe, cutting off end of toe.  
Making wall; cut end of left thumb off with axe.

**MOUNT SAVAGE MINING CO.**

1922—  
April 12 Joe McClure  
Occupation: Miner  
Age: 2  
Married or Single: Married  
Number Days Lost: 2  
Number in Family: 2  
Nationality: Foreign  
Residence: Allegany, Md.

April 12 Mike Conlor  
Occupation: Miner  
Age: 7  
Married or Single: Married  
Number Days Lost: 7  
Number in Family: 7  
Nationality: Foreign  
Residence: Mt. Savage, Md.

Cause of Accident, Nature and Extent of Injury.  
Returning too soon on a shot.  
Strained back while lifting.  
Squeezed between cars.



NON-FATAL ACCIDENTS DURING THE YEAR 1921-1922 IN GARRETT COUNTY.

DAVIS COAL AND COKE COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— Aug.	11 E. C. Arnold	Blacksmith hbr.	32	Married	31	5	American	Kempton, W. Va.
Sept.	3 Jacob Weber	Miner	37	Married	8	4	Austrian	Kempton, W. Va.
Sept.	14 William Pritchler	Brakeman	24	Single	10	5	Austrian	Kempton, W. Va.
Sept.	16 George Lancaister	Brakeman	26	Married	None	5	American	Kempton, W. Va.
Oct.	1 Mike Burns	Miner	28	Single	5	5	Russian	Kempton, W. Va.
Oct.	12 Sam Romansky	Miner	26	Single	5	5	Russian	Kempton, W. Va.
Oct.	14 D. A. Allender	Miner	38	Married	5	5	American	Kempton, W. Va.
Oct.	17 John Duglus	Miner	33	Married	4	4	Lithuanian	Kempton, W. Va.
Oct.	24 Nicholas Konten	Miner	31	Married	5	5	German	Kempton, W. Va.
Oct.	25 Dominid Testa	Miner	22	Single	5	5	Italian	Davis, W. Va.

Cause of Accident, Nature and Extent of Injury.

Was moving pump on rollers and pump slipped, catching his thumb; cut off right hand  
Boring hole in coal, his finger struck sharp edge of coal; laceration of a  
because infected;  
Was switching cov.; he slipped and fell, the motor catching his foot;  
right foot.  
Was coupling cars, and his finger was caught between motor and car; finger  
been idle since.  
Was mining when top coal fell on foot; fracture of bones in left foot.  
Piece of coal fell from face, cutting head over left eye.  
Was mining when piece of top coal fell, striking him on left side; bruise  
on back.  
Was taking binder when top coal fell, striking him on left shoulder; bruise  
and ninth ribs, abrasion of left shoulder;  
Was mining when top coal fell on him; ankle badly sprained.  
Was loading car when top coal fell on him; laceration right side of face,  
back and shoulder.

WOLF DEN COAL CO., INC.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— May	19 John Tennant	Brutifier	52	Widower	45	4	American	Shallmar, Md.
June	17 Gordon Doman	Miner	30	Single	21	1	American	Shallmar, Md.
Aug.	6 Leo Bowers	Driver	18	Single	38	4	American	Shallmar, Md.
Aug.	6 Joe Daniels	Miner	41	Married	32	4	Irish	Shallmar, Md.
Dec.	28 Edward Spiker	Miner	35	Married	38	6	American	Shallmar, Md.
1922— Feb.	4 Walter Brown	Driver	18	Single	20	6	American	Shallmar, Md.
Feb.	21 Joe Skavano	Miner	42	Single	6	6	Italian	Shallmar, Md.
Feb.	14 Leo Rowans	Brakeman	19	Single	21	1	Italian	Shallmar, Md.
March	17 Harry Mangini	Miner	26	Single	6	6	American	Shallmar, Md.
March	11 Charles Turner	Miner	40	Married	50	8	Italian	Shallmar, Md.
March	11 Alvie Sollars	Miner	48	Married	40	8	American	Shallmar, Md.
Feb.	24 William Higgins	Fireman	40	Married	120	10	American	Shallmar, Md.
Feb.	15 Fred Burrell	Miner	29	Married	26	3	American	Shallmar, Md.
March	28 Rudolph Kanis	Miner	42	Married	22	6	Italian	Shallmar, Md.
April	28 W. H. Rowan	Truckman	56	Single	24	24	American	Shallmar, Md.
Jan.	5 Carmine Ciervo	Miner	25	Single	20	20	Italian	Dodson, Md.

Cause of Accident, Nature and Extent of Injury.

Rock fall from roof; contusion of left hand.  
Rock fall from roof; contusion of head and back.  
Coupling chain caught finger, smashing same.  
Rock fall from roof; contusion head, back and right foot.  
Finger caught between car and mine prop; finger crushed.  
Rock fall from roof; contusion of right side of face.  
Rock fall; chest slightly damaged.  
Foot caught between motor and mine car; foot crushed.  
Pick dropped from arm and went through right foot; toe cut.  
Lump of coal; contusion head, body, left leg, and ankle.  
Pry bar on engine, contusion of left side from hips to groin.  
Rock fall; two fingers crushed.  
Mine car and roof; contusion of abdomen, with probable rupture.  
Rock fall; contusion of hand.  
Finger caught between mine car and roof; crushed.

GARRETT COUNTY COAL & MIN. CO.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1922— Feb.	15 John Partridge	Mining machine	44	Married	28	4	Austrian	Dodson, Md.
March	2 Arriello Tosso	Rock dumper	35	Married	18	2	Italian	Dodson, Md.

HAMILL COAL & COKE COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1922— Feb.	6 Homer C. Springs	Miner	27	Single	Still idle	Still idle	American	Kitzmiller, Md.

Cause of Accident, Nature and Extent of Injury.

Face of breast rock breaking right leg; thigh bone.

Cause of Accident, Nature and Extent of Injury.

First and second finger of left hand lacerated by being caught in cable on ma  
Left hand badly bruised while dumping car of rock; hand was caught.



Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— July	18 Geo. Puffenberger	Driver	19	Single	33		American	Ynder, Md.
Sept.	5 Brady T. Bray	Miner	45	Single	Still unable		American	Swanton, Md.
1922— Jan.	9 Geo. Sims	Dumper	42	Married	8		American	Yendix, Md.
Feb.	14 D. Newvich	Miner	40	Single	75		Russian	Yendix, Md.
Jan.	9 Carl Wilson	Driver	19	Single	8		American	Yendix, Md.

**MANOR COAL COMPANY.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1922— Jan.	6 S. F. Stuble	Laborer	24	Single	7		American	Grantsville, Md.

**C. EARL STANTON.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1922— Apr.	14 Lohman With	Miner	21	Single			American	Jennings, Md.

**MORGART COAL MINING CORP. MINE No. 3.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1922— Apr.	17 Harry Turst	Miner	29	Married			American	Jennings, Md.

**MORGART COAL MINING CORP. MINE No. 1.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— Oct.	18 Josephus Friend	Laborer.	64	Married	24	2	American	Friendsville, Md.

**MCCULLOUGH COAL CORP.**

**Cause of Accident, Nature and Extent of Injury.**  
Caught between car bumper; smashed finger.  
Caught with fall of coal.  
Caught and thrown while dumping coal.  
Coal fell on him, bursting his knee.  
Car ran over his foot; smashed toe.

**Cause of Accident, Nature and Extent of Injury.**  
Striking foot with pick; slight injury.

**Cause of Accident, Nature and Extent of Injury.**  
Lifting wood rail with spikes extending on one side; rail wet and slip hands, falling on foot and spike piercing foot.

**Cause of Accident, Nature and Extent of Injury.**  
Taking up fire clay with heavy pick, when pick wrenched hand, tearing ligament second finger of right hand.

**Cause of Accident, Nature and Extent of Injury.**  
Poor judgment in blocking back wheel; got fingers under block and smashed several fingers; not serious.



**NON-FATAL ACCIDENTS DURING THE YEAR 1921-1922 IN CLAY MINES.**

**BIG SAVAGE FIRE BRICK CO.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— July	6 Clarence Fingerich	Miner		Single	60		American	Frostburg, Md.
Nov.— 1922—	1 George C. Meyers	Laborer & miner		Single	90		American	Frostburg, Md.
March	8 Marshall Skidmore	Miner		Married	42		American	Frostburg, Md.
	24 McKinley Hopkins	Miner		Single			Negro	Frostburg, Md.

**Cause of Accident, Nature and Extent of Injury.**

Was lifting a large lump of clay, when foot slipped and was taken with a rock in the left groin; temporary loss of use of member.  
 Rock fell and injured foot; temporary loss of use of member.  
 While working, pick glanced and pierced foot; temporary loss of use of member.  
 Was hoisted out shot, which was put in on April 22, 1922, but failed to fire. It exploded, catching face and shoulder; temporary loss of use of member.  
 eyesight affected.

**UNION MINING CO.**

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.
1921— Nov.	28 Henry Winebrenner	Miner	28	Married	7	3	American	Mt. Savage, Md.
Dec.	2 James McGee	Stock Lander	26	Single	16		Scottish	Mt. Savage, Md.
1922— Jan.	21 Oliver Wolfe	Miner	19	Single	16		American	Frostburg, Md.
Jan.	5 Wm. Twigg	Laborer	26	Married	7	5	American	Frostburg, Md.
Jan.	19 Henry Winebrenner	Miner	28	Married	10	3	American	Mt. Savage, Md.
Jan.	23 Henry Davis	Inside Driver	21	Single	91		American	Frostburg, Md.
Feb.	28 Irvin Twigg	Laborer	32	Married	35	6	American	Mt. Savage, Md.

**Cause of Accident, Nature and Extent of Injury.**

Lump of clay fell, smashing finger.  
 Stepped off cart, spraining ankle.  
 Drilling, and smashed finger.  
 Making wedge and cut hand with axe.  
 Drilling and cut hand with piece of steel.  
 Thrown under cars on plane; face and neck cut badly.  
 Lifting timber and ruptured himself.