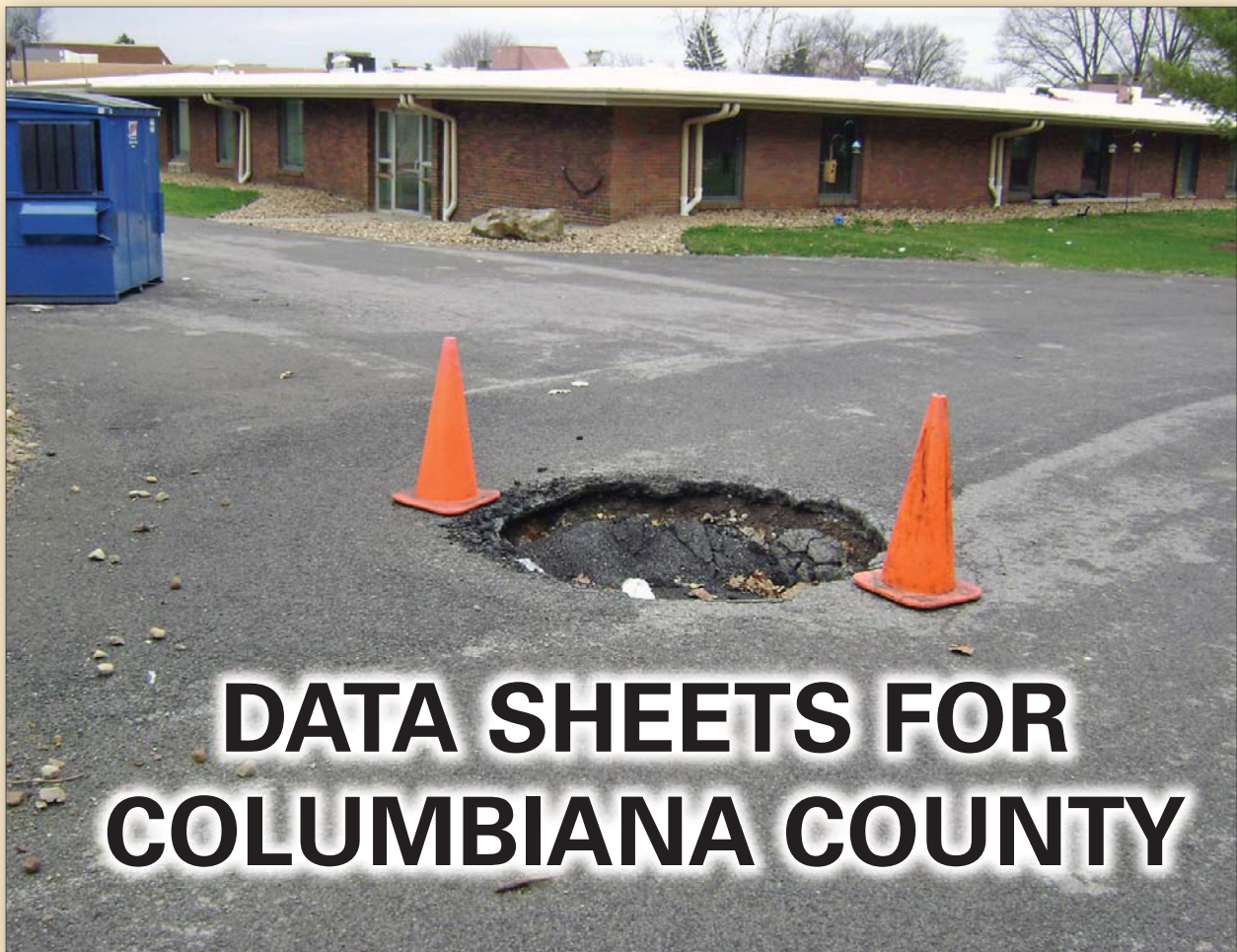


DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY
Lawrence H. Wickstrom, Chief

Open-File Report 1980-1

Investigation and Inventory of Abandoned Underground Mines in Columbiana, Mahoning, and Trumbull Counties, Ohio

Douglas L. Crowell



Ohio Department of Natural Resources
Division of Geological Survey
2045 Morse Road, Bldg. C-1
Columbus, Ohio 43229-6693
2012



Cover image: Mine subsidence near the Briarfield at the Ridge nursing home, Mineral Ridge, Trumbull County, Ohio.

Recommended citation: Crowell, D. L., 1980 [2012], Investigation and inventory of abandoned underground mines in Columbiana, Mahoning, and Trumbull Counties, Ohio: Columbus, Ohio Department of Natural Resources, Division of Geological Survey Open-File Report 1980-1, 22 p., 3 appendices, 4 sets of data sheets.

STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY
HORACE R. COLLINS, CHIEF

INVESTIGATION AND INVENTORY OF ABANDONED
UNDERGROUND MINES IN COLUMBIANA,
MAHONING, AND TRUMBULL COUNTIES, OHIO

by

Douglas L. Crowell

Columbiana County
Abandoned Underground Mine Data Sheets

DATA SHEETS FOR MAPPED
ABANDONED UNDERGROUND MINES

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Secs. 23, 24
 QUADRANGLE(S): Gavers, Salineville
 UTM (CENTER OF MINE): 17 353,400 2,469,800
 DIV MINES MAP NO: Ca-1 OGS MINE NO: _____ USBM DOCUMENT NO: 321408
 MINE NAME: New Slope (1907-09); Slope No. 2 (1902-06) [2]

OPERATOR(S): Maier, Bettis & Co. (1908-09); Ohio & Pennsylvania Coal Co. (1902-07) [2]

DATE OPENED OR EARLIEST SURVEY: 1902 [2] DATE ABANDONED OR LAST SURVEY: 1909 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1902 [2]); Lower Freeport No. 6a [1]

SEAM ELEVATION: _____

SEAM THICKNESS: 4-5' (1907, 1909 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: James Black, Supt. (1902-04); Pat Maier, Mine Boss (1904-07); John Galligher, Supt. (1905); Edw. McNichols, Supt. (1906); Thos. Williams, Supt. (1907); Pat Maier, Manager (1908); at Salineville on the C & P RR (1909); east of O & P's Old Slope (1906); 2nd opening (1907); machine mining (1902).
 Mine map [1] shows old works to Ca-70 (Old Shaft mine); 1 slope; 3 air shafts; slope 1250' in length (1904); rooms 20'-30' wide; ribs 10'-20' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Secs. 1, 2
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 420,400 2,543,700
 DIV MINES MAP NO: Ca-2 OGS MINE NO: _____ USBM DOCUMENT NO: 321439
 MINE NAME: Pleasant Valley No. 6 [1]

OPERATOR(S): Negley Coal Co. (1909-13); Negley Mining Co. (1906-08);
Powers Mining Co. (1901-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1901 [2] DATE ABANDONED OR LAST SURVEY: 1913 [2];
1914 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1901 [2]), [1]; Mahoning No. 7a [1]

SEAM ELEVATION: 1055' [1]; 1060' (topo)

SEAM THICKNESS: 2 1/2 - 3 1/2' (1903-1905 [2])

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate:
 E. W. Powers, Supt. (1901-03); P. M. Murphy, Supt. (1904-08); Joe Biggins, Mine Boss (1904); P. H. Murphy, Supt. (1909-13); Harry Burson, Mine Boss (1905-13); at Negley on P, L & W RR (1904); connected with Pleasant Valley No. 2 and No. 3 (Ca-60) (1893). Mine map [1] shows: 2 drift openings; rooms 30' wide; ribs 7' wide; map mentions nearness to old Prospect mine (Ca-17). This mine may have been excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Liverpool, Secs. 29, 30
QUADRANGLE(S): East Liverpool North, East Liverpool South
UTM (CENTER OF MINE): 17 355,700 2,525,600
DIV MINES MAP NO: Ca-3 OGS MINE NO: _____ USBM DOCUMENT NO: 321480
MINE NAME: Walker No. 5 [1]

OPERATOR(S): American Sewer Pipe Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1908[1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 740'-760' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 460' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 116]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 3 drift openings.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Secs. 9, 15
 QUADRANGLE(S): Wellsville
 UTM (CENTER OF MINE): 17 341,300 2,507,100
 DIV MINES MAP NO: Ca-4 OGS MINE NO: _____ USBM DOCUMENT NO: 321463
 MINE NAME: Vulcan Clay [1]; Vulcan (1890-1914) [2]

OPERATOR(S): Vulcan Clay & Brick Co. (1909-14); American Sewer Pipe Co. (1905); Vulcan Fire Clay Co. (1904, 1894-99); Vulcan Fire Brick Co. (1890-93) [2]

DATE OPENED OR EARLIEST SURVEY: 1890 [2] DATE ABANDONED OR LAST SURVEY: 1914 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 710' (topo)

SEAM THICKNESS: 12' (1909 [2])

COVER THICKNESS: 330' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 84]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: 1 mi S of Wellsville on the C & P RR (1890); Issac Thomas, Mine Boss (1890); John McNutt, Supt. (1893); David Morgan, Supt. (1894-95); John McNutt, Supt. (1896); David Morgan, Mine Boss (1896); Julius A. Cohn, Supt. (1909-13); Harry Gettings, Mine Boss (1909-14); clay used to make fire brick (1892); 1 air shaft (1892); connected with Buckeye mine (1896); mining suspended (1914).
 South of Wellsville [47].
 Mine map [1] shows 1 drift opening and an area marked "abandoned workings."

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Sec. 33
 QUADRANGLE(S): Wellsville
 UTM (CENTER OF MINE): 17 341,200 2,487,800
 DIV MINES MAP NO: Ca-5 OGS MINE NO: _____ USBM DOCUMENT NO: 321464
 MINE NAME: Beech Grove (1908-12); Beach Grove (1906-07) [2]

OPERATOR(S): Buckeye Clay & Coal Co. (1909-12); Ohio Coal & Coke Co.
(1906-08) [2]

DATE OPENED OR EARLIEST SURVEY: 1906 [2] DATE ABANDONED OR LAST SURVEY: 1912 [2]; 1909 [1]

TYPE OF MINE: drift [1]; slope (1909 [2])

COMMODITY MINED: coal & clay (1909 [2])

SEAM(S) OR BED(S) MINED: No. 3 (1906 [2])

SEAM ELEVATION: 770' (topo)

SEAM THICKNESS: 3'2" (1910 [2]); 3 1/2' (1909 [2])

COVER THICKNESS: 470' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at New Salisbury (1906); slope 300' in length (1909); Issac Thomas, Supt. & Mine Boss (1906-08); John P. Jones, Supt. & Mine Boss (1909); E. F. Hart, Supt. & Mine Boss (1910-11); Duffield Thompson, Supt & Mine Boss (1912); abandoned (1912).
 Mine map [1] shows 2 drift openings; rooms 20'-30' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: West, Secs. 9, 10
QUADRANGLE(S): Homeworth
UTM (CENTER OF MINE): 17 411,900 2,406,500
DIV MINES MAP NO: Ca-6 OGS MINE NO: _____ USBM DOCUMENT NO: 321514
MINE NAME: Whiteleather (1897) [2]

OPERATOR(S): D. V. Whiteleather (1897); leased by E. C. King (1899); King & Perin (1897-98) [2]

DATE OPENED OR EARLIEST SURVEY: 1897 DATE ABANDONED OR LAST SURVEY: 1899

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 (1897) [2]

SEAM ELEVATION: 1200' [56]; 1240' (topo)

SEAM THICKNESS: 5' (1897 [2]); 6' [56]

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [56: file no. 2045]

HAZARD POTENTIAL: low

REMARKS: Under New Chambersburg; leaving small pillars (1897) [2].
See Ca-108 for extensions of this mine.
Mine map [1] shows 2 drift openings.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Sec. 29

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 459,900 2,461,900

DIV MINES MAP NO: Ca-7 OGS MINE NO: _____ USBM DOCUMENT NO: 321420

MINE NAME: Second National (1889-97) [2]

OPERATOR(S): Geo. D. Allison (1894-97) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 [2] DATE ABANDONED OR LAST SURVEY: 1897 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 [1]; Lower Kittanning No. 5

SEAM ELEVATION: 1080'-1100' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 170' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: retail mine near First National mine near Salem (1894); James C. Trotter, owner (1889-94); James C. Trotter, Supt., Geo. D. Allison, Mine Boss (1891); Geo. D. Allison, owner (1895-97); idle 1891-94 (1894).
Coal identified by referring to maps Ca-23, Ca-37, and Ca-122.
Mine map [1] shows: 3 drift openings; old works connected to Ca-10 (Pine Hollow mine).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 9

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 413,600 2,468,300

DIV MINES MAP NO: Ca-8 OGS MINE NO: _____ USBM DOCUMENT NO: 321520

MINE NAME: Evans (No. 1); Evans [1]

OPERATOR(S): Evans Coal Co.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1888 [1]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: moderate

REMARKS: Mine map [1] shows 1 slope.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Sec. 2; Unity, Sec. 35
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 423,200 2,539,700
 DIV MINES MAP NO: Ca-9 OGS MINE NO: _____ USBM DOCUMENT NO: 321441
 MINE NAME: Carbon Hill No. 2

OPERATOR(S): East Palestine Coal Co. (1894-98) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 [2] DATE ABANDONED OR LAST SURVEY: 1898 [2]; 1896 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 (1895 [2]), [56], [1]

SEAM ELEVATION: 1090' - 1000' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 90' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [56: file no. 1791]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: W. S. Lewis, Supt. & Mine Boss (1895-96);
 Wm. Morris, Mine Boss (1896); abandoned (1898).
 Mine map [1] shows: 4 drift openings; 1 drift opening into a lower
 coal; 1 air shaft; rooms 30'-40' wide; pillars drawn; ribs 5' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Perry, Sec. 29
 QUADRANGLE(S): Salem
 UTM (CENTER OF MINE): 17 460,300 2,460,900
 DIV MINES MAP NO: Ca-10 OGS MINE NO: _____ USBM DOCUMENT NO: 321457
 MINE NAME: Pine Hollow (1888-1905) [2]

OPERATOR(S): Pine Hollow Coal Co. (1904-05); James Ashman (1894-1901);
 Ashman Bros. (1891-93); James Ashman (1889-90); Pine Hollow Coal Co.
 (1888) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 [2] DATE ABANDONED OR LAST SURVEY: 1905 [2];
 1900 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 (1901 [2]); No. 3 (1904 [2]), [1]; Lower Kittanning No.5

SEAM ELEVATION: 1105'-1100' (topo)

SEAM THICKNESS: 2 1/2' (1901, 1904 [2])

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: near Salem (1888); retail mine (1889); 2 drift openings (1888); 1 1/2 mi N of Salem (1894); 2 mi N of Salem (1895); Jas. Ashman, Mine Boss (1888); Jas. Ashman, Supt. & Mine Boss (1891); encountered workings to an old mine (1894).
 Mine map [1] shows: 2 drift openings connected with Ca-7 (Second National mine) and Ca-122 (Brookwood mine); rooms 25' wide; pillars drawn.
 Coal identified by referring to maps Ca-23, Ca-37, and Ca-122.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Salem, Secs. 28, 29, 32, 33
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 427,300 2,464,800
 DIV MINES MAP NO: Ca-11 OGS MINE NO: _____ USBM DOCUMENT NO: 321362
 MINE NAME: West Pittsburgh No. 6; West Pittsburgh (1907-09) [2]

OPERATOR(S): Card & Prosser Coal Co. (1907-09) [2]

DATE OPENED OR EARLIEST SURVEY: 1907 [2] DATE ABANDONED OR LAST SURVEY: 1909 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1907 [2]); Lower Kittanning No. 5 [1]

SEAM ELEVATION: 923' (topo)

SEAM THICKNESS: 3 1/2' (1907 [2])

COVER THICKNESS: 156' at shaft opening (1907 [2]); 157' (1908 [2])

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: at Teegarden on the Erie RR (1907); 5 mi N of Lisbon on the Erie RR (1909); Thos. Prosser, Supt., A. T. Davis, Mine Boss (1907-09); machine mining (1907); abandoned (1909). Mine map [1] shows: 1 shaft; 2 air shafts; rooms 20'-25' wide; ribs 5' wide.

The approximate shaft location is about 50' north of the Erie and Lackawanna railroad line, 850' east of Teegarden Rel. and 2150' north of Eagleton Rel. The site is marked by a large depression between the remains of building foundations and two large gob piles. A second depression (air shaft) about 8x16' in area and 4' deep is located about 120' north west of site. 10/30/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Knox, Sec. 7
 QUADRANGLE(S): Alliance
 UTM (CENTER OF MINE): _____
 DIV MINES MAP NO: Ca-12 OGS MINE NO: _____ USBM DOCUMENT NO: 321518
 MINE NAME: Pentz

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1909

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: high

REMARKS: Mine map [1] shows: 1 shaft, workings to Tolerton mine.
 Not located.

*Unable to locate. The shaft has been either obscured or removed
 by an old strip mine operation south of the Jeff Rose
 residence and north of the Guy Haynes residence, 1701
 Homeworth. 11/4/80. DC.*

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Knox, Sec. 7
QUADRANGLE(S): Alliance
UTM (CENTER OF MINE): _____
DIV MINES MAP NO: Ca-12 OGS MINE NO: _____ USBM DOCUMENT NO: 321518
MINE NAME: Tolerton

OPERATOR(S): Woolf Bros.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1909

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: high

REMARKS: Mine map [1] shows: 1 shaft; 1 air shaft; area marked "old works";
workings to Pentz mine.
Not located.

Unable to pinpoint the location. The approximate shaft location is in the vicinity of a gob pile located about 20' east of Homeworth Rd. opposite the driveway to the Guy Haynes residence, 1701 Homeworth. 11/4/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Secs. 4, 5; Salem, Secs. 32, 33

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 422,800 2,463,800

DIV MINES MAP NO: Ca-13; see also Ca-179 OGS MINE NO: _____ USBM DOCUMENT NO: 321363; see also 352668

MINE NAME: Teegarden or Card & Prosser's No. 3 [1]; Pine Hill (1907);
Folts (1902); Pine Hill (1898-1901); Folts (1894-97) [2]

OPERATOR(S): Card & Prosser Coal Co. (1897); Folts Bros. (1894-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 [2] DATE ABANDONED OR LAST SURVEY: 1907 [1]

TYPE OF MINE: slope [1]; shaft [2]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1898 [2]); Lower Kittanning No. 5 [1]

SEAM ELEVATION: _____

SEAM THICKNESS: 3-3 1/2' (1897, 1904) 3'4" (1906) [2]

COVER THICKNESS: 40' at shaft opening (1897, 1906); 44' (1902); 50' (1904) [2]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: new shaft at Teegarden on the NY, P & O Ry (1894); on the Erie RR (1898); 2nd opening through which the men travel (1895); H. V. Folts, Supt., M. P. Brady, Mine Boss (1894-96); Thos. Prosser, Supt., William Lewis, Mine Boss (1897-1907); manway required a dam built being next to a small creek (1897); air shaft sunk (1898); 3 mi W of Lisbon (1904); abandoned (1907) due to room cave-in letting the creek flood the mine.
Mine map [1] shows: 1 slope; 1 air shaft; no shaft shown; pillars drawn on the east side of Little Beaver Creek; rooms 30' wide.
Ca-179 is an earlier map of this mine.

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COLUMBIANA COUNTY

TWP. SEC. LOT

QUADRANGLE

UTM CENTER OF MINE

DIV. MINE MAP NO. URM DOCUMENT NO.

MINE NAME

OPERATOR

DATE OPENED OR EARLIEST SURVEY

DATE ABANDONED OR LAST SURVEY

The shaft location is about 2050' south of the Erie and Lackawanna railroad and Eagleton Rd. intersection and 70' west of and downhill from the railroad tracks. The site is marked by a depression about 20' in diameter and 15' deep. A large gab pile lies just to the south of the site and west of the railroad tracks. A second depression (air shaft) about 20-25' in diameter and 10-15' deep containing some debris is located 1970' south of road and railroad intersection and 80' north of the shaft site. 1600' south of the road and railroad intersection and 50' east of the railroad tracks is a slope opening about 6 x 10' in area. No attempt has been made to close or seal the opening. 10/30/80. DC.

SOURCE(S) OF DATA

(SEE NUMBERED REFERENCE LIST)

HAZARD POTENTIAL

REMARKS: (1) Shaft is an open cut in this mine. (2) Shaft is an open cut in this mine. (3) Shaft is an open cut in this mine. (4) Shaft is an open cut in this mine. (5) Shaft is an open cut in this mine. (6) Shaft is an open cut in this mine. (7) Shaft is an open cut in this mine. (8) Shaft is an open cut in this mine. (9) Shaft is an open cut in this mine. (10) Shaft is an open cut in this mine.

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 7; Elk Run, Secs. 12, 13

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 414,100 2,516,700

DIV MINES MAP NO: Ca-14; see also Ca-129 OGS MINE NO: _____ USBM DOCUMENT NO: 321485; see also 321524

MINE NAME: Elk Run (1921); Quaker Valley (1912-14; 1887-1900) [2]

OPERATOR(S): Elk Run Coal Co. (1912-14); Sterling Coal Co. (1899-1900); Quaker Valley Mining Co. (1892-98); Quaker Valley Coal Co. (1891); Ward & Davis (1899-90); Paulin Bros. & Co. (1888); Summers Coal Co. (1887-88) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 [2]; reopened 1912 [2] DATE ABANDONED OR LAST SURVEY: 1909 [1]; 1914 [1]; 1921 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1897 [2])

SEAM ELEVATION: 1060'-1080' (topo)

SEAM THICKNESS: 2'10" - 3'6" (1897, 1912 [2])

COVER THICKNESS: 180' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS:

Annual reports [2] indicate: at Rogers on the P, L & W RR (1913); 2nd opening (1892); J. H. Summer, Supt. & Mine Boss (1887-88); A. P. Van Fleet, Supt., Reese E. Davis, Mine Boss (1891); James Thompson, Supt. (1892); Wm. Weikhart, Mine Boss (1892-1900); Jim Walters, Supt. (1893); J. H. Streater, Supt. (1894-98); John Hileman, Supt. (1899-1900); idle 1900-1912 (1912); W. B. Baysinger, Supt. (1912); Wm. Weikart, Supt. (1913-14).
Mine map [1] shows: 8 drift openings; old works; rooms 25' wide; ribs 5' wide. See Ca-129 for extensions of this mine.
Portions of this mine may have been excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Secs. 35, 36

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): 17 355,000 2,458,900

DIV MINES MAP NO: Ca-15 OGS MINE NO: _____ USBM DOCUMENT NO: 321399

MINE NAME: Anderson (No. 1); Anderson (1884-1901); Granage & Anderson No. 1 & No. 2 (1883); Anderson No. 1 & No. 2 (1882); Crange & Anderson (1881); Canage & Anderson (1880); ^CGranage & Anderson (1874-77) [2]

OPERATOR(S): Heatherington Bros. (1898-1901); Richard Heatherington (1894-97); Brown Coal Co. (1889-93); Manufacturer's Coal Co. (1884-88); Granage & Anderson (1882-83); Crange & Anderson (1881); Canage & Anderson (1880); Manufacturer's Coal Co. (1875-77); Granage & Anderson (1874) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1897 [1]; 1901 [2];

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Strip Vein" (1876, 1884 [2]); No. 7 (1890 [2]); No. 7 or Brush Creek [36]; Mahoning No. 7a

SEAM ELEVATION: 1020' (topo)

SEAM THICKNESS: 3' (1884 [2]); 3' aver., 2 1/2' - 4' [36]

COVER THICKNESS: 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [36: p. 203]

HAZARD POTENTIAL: low

REMARKS:
 Annual reports [2] indicate: at Salineville on the C & P RR (1889); the No. 1 mine was abandoned when it was connected to the No. 2 mine (1883); air shaft completed (1885); drawing pillars (1888); suspended (1892); connected with Foster mine (1895); James Smith, Manager (1875); Gomer Lewis, Mine Boss (1882); Gomer Lewis, Supt. & Mine Boss (1884-87); James Lewis, Supt. & Mine Boss (1888); Matthew Smith, Supt. & Mine Boss (1889-93); Richard Heatherington, Jr., Manager (1896-97).
 Mine map [1] shows: 3 drifts; 1 air shaft, area marked "worked out"; one drift opening; overlies Ca-24.
 Coal identified by referring to map Ca-62.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Sec. 29

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 463,300 2,460,700

DIV MINES MAP NO: Ca-16 OGS MINE NO: _____ USBM DOCUMENT NO: 321421

MINE NAME: Shephard [1]; Shepherd (1904); Shepard (1898-1900); Shepherd (1895-97, 1891-92) Sheppard (1890); Shepherd (1888) [2]

OPERATOR(S): Jesse Shepherd (1904); J. C. Shepard (1898-1900); J. C. Shepherd (1895-97); John C. Shepherd (1891-92); John C. Sheppard (1890); Cook Shepherd (1888) [2]

DATE OPENED OR EARLIEST SURVEY: 1890 [2] DATE ABANDONED OR LAST SURVEY: 1904 [2]; 1897 [1]

TYPE OF MINE: drift [1]; shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1904 [2]); Lower Kittanning No. 5

SEAM ELEVATION: 1100' (topo)

SEAM THICKNESS: 3 1/2' (1904 [2])

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low; high

REMARKS: Near Salem; Cook Shepherd, Mine Boss (1888); Jesse Shepherd, Supt. (1904) [2].
Mine map [1] shows: 4 drift openings; 1 shaft opening; area of old works; drift & shaft opening to the Sheen mine.
Coal identified by referring to maps Ca-23, Ca-37, and Ca-122.

The shaft location to the Sheen mine is about 1350' west of Youngstown, Salem Rd. (Rt. 62). The site is marked by a trash-filled depression about 12' in diameter and 3-4' deep. Some gob is in the vicinity. 11/5/80, DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Secs. 1, 2; Unity, Secs. 35, 36

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 423,200 2,543,400

DIV MINES MAP NO: Ca-17 OGS MINE NO: _____ USBM DOCUMENT NO: 321442

MINE NAME: Prospect Hill Drift No. 1; Prospect Slope [1]; Prospect (1887-89);
Prospect Hill (1886); Prospect (1885); Prospect Hill (1881-84);
Prospect (1874-77) [2]

OPERATOR(S): Prospect Hill Coal Co. (1887-89); Sutherin Coal Co. (1886);
Prospect Hill Coal Co. (1884-85); James Suthern (1881-83); Prospect
Coal Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 [2] DATE ABANDONED OR LAST SURVEY: 1889 [2];
1896 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7 [36]

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: 2'4" - 2'6" [36]

COVER THICKNESS: 90' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [36: p. 196, 199]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: James Sutherin, Sr., Supt., George Sutherin, Mine Boss (1884-85); George Sutherin, Supt., James Dixon, Mine Boss (1886-87); idle (1888-89).
 At a former time mined the Mahoning [36].
 Mine map [1] shows: 3 drift openings, one of which is in a higher coal; 1 air shaft; rooms 25'-35' wide.
 This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 16

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 439,900 2,530,700

DIV MINES MAP NO: Ca-18 OGS MINE NO: _____ USBM DOCUMENT NO: 321443

MINE NAME: Mollenkopf (1897-99); Mellenkopf (1895-96); Mollenkoph (1894) [2]

OPERATOR(S): J. Mollenkopf (1897-99); Jonathan Mellenkopf (1895-96);
Jonathan Mollenkoph (1894) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 [2] DATE ABANDONED OR LAST SURVEY: 1899 [2];
1897 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coa]

SEAM(S) OR BED(S) MINED: No. 6 [1]

SEAM ELEVATION: 1175' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 45' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Retail drift 2 mi W of Unity (1894); J. Mollenkoph, Supt. & Mine Boss (1894-99) [2].
Mine map [1] shows: 1 drift opening; 1 air shaft; areas marked "all worked out."

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Secs. 18, 24, 30
 QUADRANGLE(S): Gavers
 UTM (CENTER OF MINE): 17 357,100 2,469,200
 DIV MINES MAP NO: Ca-19 OGS MINE NO: _____ USBM DOCUMENT NO: 321388
 MINE NAME: New Shaft (1881-1905) [2]

OPERATOR(S): Big Vein Coal Co. (1888-1905); Salineville Coal Co. (1887);
 Thos. H. Bushnel (1886); Salineville Coal Co. (1881-85) [2]

DATE OPENED OR EARLIEST SURVEY: 1881 [2] DATE ABANDONED OR LAST SURVEY: 1905 [2]; 1906 [1]

TYPE OF MINE: shaft & slope (1889 [2])

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Big Vein" (1884 [2]); No. 7 (1896 [2]); Upper Freeport No. 7 [1]

SEAM ELEVATION: 830' (topo)

SEAM THICKNESS: 5'4" - 6' (1889, 1897 [2]); 4' - 6' (1904 [2])

COVER THICKNESS: 46' at shaft opening (1889); 50' (1897) [2]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: high

REMARKS:
 Annual reports [2] indicate: Mr. Sharp, Supt., H. B. Gengle, Mine Boss (1883); Samuel Madison, Supt., Robt. Vasey, Mine Boss (1884); Robt. Vasey, Supt., Edward Boyle, Mine Boss (1885-87); Samuel Madison, Supt. (1888-98); Edward Cox, Mine Boss (1889); John Morris, Supt. (1899); John Gallagher, Mine Boss (1890); Samuel Madison, Supt. (1901); E. J. Marshall, Supt. (1903); Wm. Thomas, Mine Boss (1904); connects with O & P's Old Shaft (1890); flooded by Yellow Creek breakthrough to Old Shaft (1895); machine mining began 1897. Map [1] shows: 1 shaft; 1 air shaft; probably connected with Ca-76 (Garside mine); connects with Ca-70 (Old Shaft mine), which shows the slope opening to the New Shaft mine; rooms 20'-35' wide; ribs 7'-15' wide; several areas marked "mined out."

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbia
 TWP. SEC. LOT: Westford, Secs. 18, 24, 30
 QUADRANGLE: Waynes
 UTM CENTER OF MINE: 17 267,100 5,469,500
 DIV. MINE MAP NO.: 24-19 OGD MINE NO.: 1881-88 URBM DOCUMENT NO.: 1881-88
 MINE NAME: 1881-88 (1881-88) (S)
 OPERATOR: 1881-88 (1881-88) (S)
1881-88 (1881-88) (S)

The shaft location is about 700' north of Main St., 200' east of railroad tracks, 200' north of 90° bend in West St. and 150' northwest of the Terry Lewis residence, West St. The site is marked by a depression about 15' in diameter and 4' deep, containing some debris. A medium-size gob pile lies about 150' north of the site. A second depression (air shaft) about 15-20' in diameter and 10' deep, which is partially covered by fallen trees, is located about 550' east of the railroad tracks, 750' north of Main St. and 240' northeast of the Lewis residence. 10/30/80. DC.

See other side for further comments.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Sec. 17
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): 17 351,500 2,472,400
 DIV MINES MAP NO: Ca-20 OGS MINE NO: _____ USBM DOCUMENT NO: 321409
 MINE NAME: Cedar Hill [1]

OPERATOR(S): Big Vein Coal Co. (1901-05); Cedar Hill Coal Co. (1900); J. H. Strabley (1896-99) [2]

DATE OPENED OR EARLIEST SURVEY: 1896 [2] DATE ABANDONED OR LAST SURVEY: 1905 [2]; 1903 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1896 [2]); Upper Freeport No. 7 [1]

SEAM ELEVATION: 850' - 870' (topo)

SEAM THICKNESS: 3' (1896); 4' (1897); 4 1/2' (1901); 5' (1904) [2]

COVER THICKNESS: 250' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS:
 Annual reports [2] indicate: new mine 1 mi E of Salineville on the C & P RR (1896); 1 1/2 mi E of Salineville (1897); 2 mi E of Salineville (1898); J. H. Strabley, Manager (1896-97); J. H. Strabley, Supt., Daniel Tolson, Mine Boss (1898); C. R. Provost, Supt. (1901-02); E. J. Marshall, Supt. (1903-04); Mathew Smith, Mine Boss (1904); idle (1905).
 Mine map [1] shows: 3 drift openings; several areas marked "old works—fallen"; rooms 20'-30' wide; ribs 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 28

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-21; see also Ca-39 OGS MINE NO: _____ USBM DOCUMENT NO: 321521; see also 321410

MINE NAME: John Hays [1]

OPERATOR(S): John Hays [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1877 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: This mine may be an extension of Ca-39.
Not located.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Secs. 23, 29
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): _____
 DIV MINES MAP NO: Ca-22 OGS MINE NO: _____ USBM DOCUMENT NO: 321526
 MINE NAME: Empire [1]

OPERATOR(S): S. S. Carnahan (1887-95); Cleveland Coal Co. (1884-86);
Ohio & Pennsylvania Coal Co. (1880-83, 1877); John Hayes & Co.
(1875-76); Empire Coal Co. (1874) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 [2] DATE ABANDONED OR LAST SURVEY: 1877 [1]
1895 [2];

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Big Vein" (1884 [2]); "Strip Vein" [53]; No. 7 [30]

SEAM ELEVATION: _____

SEAM THICKNESS: 4-5' (1884); 42" (1893) [2]; 4'2"-5'9" [53]; 5'6" [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [30: p. 98], [36: p. 200], [53: p. 3-4]

HAZARD POTENTIAL: low

REMARKS:
 Annual reports [2] indicate: at Salineville on the C & P RR (1883); 1 mi SE of Salineville (1889); 3/4 mi from Salineville (1893); connected with Ohio & Pennsylvania's Old Slope mine (1884); Wm. Houston, Manager (1875); James Black, Supt., Samuel Carnahan, Mine Boss (1883-86); S. S. Carnahan, Supt. & Mine Boss (1887-88); S. S. Carnahan, Supt., B. F. Roberts, Mine Boss (1889-92); S. S. Carnahan, Manager (1893-95); new opening completed (1893); drawing pillars (1894); abandoned (1895).
 E 1/4 Sec. 29, C 1/2 Sec. 23; near the James Farmer mine on the north & the John Hayes (Strabley) mine on the southeast [53].
 Mine map [1] shows 1 drift opening.
 Not located.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Perry, Sec. 32
 QUADRANGLE(S): Salem
 UTM (CENTER OF MINE): 17 457,400 2,462,700
 DIV MINES MAP NO: Ca-23 OGS MINE NO: _____ USBM DOCUMENT NO: 321422
 MINE NAME: First National (1889-1900) [2]

OPERATOR(S): Wm. Stone (1899-1900); J. Post (1895-98); Thos Crook (1894);
 Jas. C. Trotter (1889-93) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 [2] DATE ABANDONED OR LAST SURVEY: 1896 [1] 1900 [2];

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [1]

SEAM ELEVATION: 1085' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: retail mine near Salem (1889); 1 1/2 mi NE of Salem (1894); Thos. Crooks, Mine Boss (1899-93); James C. Trotter, Supt. (1891); Thos. Crooks, Manager (1894-95).
 Map shows: 1 drift opening; "no pillars drawn."

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Secs. 29, 35, 36
 QUADRANGLE(S): Gavers, Salineville
 UTM (CENTER OF MINE): 17 354,200 2,460,300
 DIV MINES MAP NO: Ca-24 OGS MINE NO: _____ USBM DOCUMENT NO: 321389
 MINE NAME: Hetherington [1]; Heatherington (1897-1900) [2]

OPERATOR(S): Hetherington Bros. [1]; Heatherington Bros. (1897-1900) [2]

DATE OPENED OR EARLIEST SURVEY: 1897 [2] DATE ABANDONED OR LAST SURVEY: 1899 [1] 1900 [2];

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1897 [2]); "Strip Vein" (1898 [2]); Upper Freeport No. 7?

SEAM ELEVATION: 940'

SEAM THICKNESS: 5' (1897 [2]); 7' (1898 [2])

COVER THICKNESS: 180' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: near the Anderson mine at Salineville (1897); on the C & P RR (1898); Richard Heatherington, Supt. & Mine Boss (1898-99).
 Mine map [1] shows: 1 drift; 1 air shaft; rooms 30-55' wide; pillars 15'-55' wide; pillars drawn; "mine caved in."
 This mine underlies Ca-15.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Sec. 35
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 427,300 2,540,200
 DIV MINES MAP NO: Ca-25 OGS MINE NO: _____ USBM DOCUMENT NO: 321444
 MINE NAME: Carbon Hill No. 1 [1]

OPERATOR(S): East Palestine Coal Co. (1892-1896) [2]; Warner & Co. (1857) [1]

DATE OPENED OR EARLIEST SURVEY: 1857 [1]; reopened 1892 [2] DATE ABANDONED OR LAST SURVEY: 1871 (1892 [2]); 1900 [2]; 1897 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7 [47]

SEAM ELEVATION: 1080'-1105' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 80' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 242]

HAZARD POTENTIAL: low

REMARKS:
 Annual reports [2] indicate: at E. Palestine on P, FT W & C Ry (1892); W. S. Lewis, Supt. & Mine Boss (1892-95); Wm. Morris, Mine Boss (1896); used only for haulage for Carbon Hill No. 2 mine (1895); haulage for both Carbon Hill No. 2 & No. 3 mines (1896); abandoned in 1900 when Carbon Hill No. 4 closed.
 Mine map [1] shows: 8 drift openings, 1 marked "Upper seam," 1 marked "Bituminous," 2 marked "Kenne[?];" area marked "all worked out"; rooms 12' wide; ribs 30' wide; map shows another drift mine; higher coal?
 This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Center, Sec. 14
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 408,100 2,477,500
 DIV MINES MAP NO: Ca-26 OGS MINE NO: _____ USBM DOCUMENT NO: 321364
 MINE NAME: Standard (No. 1); Standard (1892-97) [2]

OPERATOR(S): Richard Archer (1897); R. Artor (1895-96); Standard Coal Co. (1892-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 [2] DATE ABANDONED OR LAST SURVEY: 1897 [1]

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1897 [2]); Lower Kittanning No. 5?

SEAM ELEVATION: 935' (topo)

SEAM THICKNESS: 3-4' (1897 [2])

COVER THICKNESS: 75' at shaft opening (1893 [2]); 70' (1897 [2])

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: in New Lisbon (1893); Center Twp. (1894); air shaft (1894); J. B. Warner, Supt., Edward Hardy, Mine Boss (1893-95); leased to Geo. Hirst (1895); lease expired (1896); Geo. Hirst, Supt. & Mine Boss (1895); Ed. Hardy, Supt. & Mine Boss (1896-97); abandoned March 15, 1897.
 Mine map [1] shows: 1 shaft; 1 air shaft; rooms 25' wide; ribs 10' wide.

Unable to locate. Possibly is located in a building area in the backyard of 525 Lincoln Way. 10/29/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Secs. 23, 26

QUADRANGLE(S): Gavers, Lisbon

UTM (CENTER OF MINE): 17 400,300 2,477,700

DIV MINES MAP NO: Ca-27 OGS MINE NO: _____ USBM DOCUMENT NO: 321365

MINE NAME: Klondyke No. 4; Klondyke (1910-12); Klondyke No. 7 (1908-09);
Klondyke No. 4 (1906-07); Prosser No. 4 (1903-05); Card & Prosser No. 4 (1898-
1902); Saratoga No. 4 (1897) [2]

OPERATOR(S): Card & Prosser Coal Co. (1906-12); Card & Prosser (1901-05); Card &
Prosser Coal Co. (1898-1900); Card & Prosser (1897) [2]

DATE OPENED OR EARLIEST SURVEY: 1897 [2] DATE ABANDONED OR LAST SURVEY: 1912 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal [1] & clay (1904-06 [2])

SEAM(S) OR BED(S) MINED: No. 6 (1898 [2]); Upper Freeport No. 7 [1]

SEAM ELEVATION: 1150' - 1170' (topo)

SEAM THICKNESS: coal: 2'-2 1/2' (1901, 1908), clay: 3 1/2'-4' (1904) [2]

COVER THICKNESS: 190' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at Lisbon on the Erie RR (1898); Thomas Prosser, Supt. (1898-1912); David Lewis, Mine Boss (1898-1907); Ralph Lee, Mine Boss (1908); Jas. Broadbent, Mine Boss (1909); Thomas Evans, Mine Boss (1910-12); machine mining (1904).
Mine map [1] shows: 2 drift openings; 1 air shaft.
This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Salem, Secs. 29, 32
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 427,200 2,462,200
 DIV MINES MAP NO: Ca-28 OGS MINE NO: _____ USBM DOCUMENT NO: 321366
 MINE NAME: West Pittsburgh No. 2 (1910-12) [2]

OPERATOR(S): Card & Prosser Coal Co. (1910-12) [2]

DATE OPENED OR EARLIEST SURVEY: 1910 [2] DATE ABANDONED OR LAST SURVEY: 1912 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1910 [2]); Upper Freeport No. 7 [1]

SEAM ELEVATION: 1120'-1140' (topo)

SEAM THICKNESS: 4 1/2' - 5' (1910, 1912) [2]

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: 5 mi N of Lisbon on the Erie RR (1910); Thomas Prosser, Supt., D. R. Lewis, Mine Boss (1910-12); machine mining (1910); at Teegarden on the Erie RR (1912); drawing pillars prior to abandonment (1912).
 Mine map [1] shows: 2 drift openings; 2 air shafts; "pillars will be drawn."

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Center, Sec. 9
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 414,400 2,468,500
 DIV MINES MAP NO: Ca-29 OGS MINE NO: _____ USBM DOCUMENT NO: 321367
 MINE NAME: Ohio Cement; Cement (1888-1901) [2]

OPERATOR(S): Ohio Cement Co. (1888-1901) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 [2] DATE ABANDONED OR LAST SURVEY: 1901 [2]; 1911 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1040' (topo)

SEAM THICKNESS: 2' (1890 [2])

COVER THICKNESS: 80' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: on New Lisbon branch of NY, P & O RR (1889); near New Lisbon (1890); 2 1/2 mi N of New Lisbon (1894); A. J. Smith, Supt. (1889-91); James McDonald, Mine Boss (1889); Evan J. Evans, Mine Boss (1890-91); A. J. Smith, Supt. & Mine Boss (1892); A. J. Smith, Supt. (1893-95); Evan J. Evans, Mine Boss (1893-95); E. B. Rawson, Supt. (1901).
 Mine map [1] shows: 1 drift opening; 2 air shafts.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana Mahoning
 TWP, SEC, LOT: Perry, Secs. 5, 32 Green, Sec. 33
 QUADRANGLE(S): Salem
 UTM (CENTER OF MINE): 17 454,800 2,462,500
 DIV MINES MAP NO: Ca-30; see also 321423; see also
Ca-58, Ca-170 OGS MINE NO: _____ USBM DOCUMENT NO: 321428, 321525
 MINE NAME: Farquhar [1]

OPERATOR(S): Buck Coal Co.; Lemmon Coal Co. (1903-07) [2]

DATE OPENED OR EARLIEST SURVEY: 1903 [2] DATE ABANDONED OR LAST SURVEY: 1911 [1]; 1907 [2]

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1903 [2]); Lower Kittanning No. 5

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: 3'-3 1/2' (1903, 1904) [2]

COVER THICKNESS: 120' at shaft opening (1904 [2])

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: 1 mi E of Salem (1904); on Salem RR (1903); A. H. Lemmon, Supt. (1903-07); Thos. Brothers, Mine Boss (1904-07); machine mining (1906); connected with the McNab mine (1907). Mine map [1] shows: 2 shaft openings; rooms 30' wide; ribs 7' wide; extensions of Ca-58 (McNab). Farquhar used openings to both McNab & Lemmon mines. Coal identified by referring to maps Ca-23 and Ca-37. A portion of this mine may be below drainage; see Ca-58.

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY Columbia

TWP. SEC. LOT Perry, Sec. 8, T. 33

QUADRANGLE Salem

U.S. CENTER OF MINE T.V. 454,800 S. 465,800

U.S. MINE MAP NO. Ca-28, Ca-100 O&M MINE NO. Ca-30; see also USMB DOCUMENT NO. 28188, 28189

MINE NAME PATENT []

OPERATOR The Coal Lumber Coal Co. (1903-05) []

DATE OPENED OR EARLIEST SURVEY 1903 [] DATE ABANDONED OR LAST SURVEY 1911 []

The shaft location is about 1800' north of E. State St. and 700' east of Continental St. The site is marked by a depression about 20' in diameter at the top tapering down to an area of 6x12' and 20-25' deep, containing a little trash. There are several piles of gob between the site and a high-tension line tower which is about 350' to the northeast of the site. 10/28/80. DC.

SEAM THICKNESS 2'-3 1/2' (1903, 1904) []

COVER THICKNESS 150' at shaft opening (1904) []

RELATION TO DRAINAGE DRY

SOURCE(S) OF DATA (SEE NUMBERED REFERENCE LIST) [] []

HAZARD POTENTIAL High

REMARKS: Annual reports [] indicate 1 mi E of Salem (1904) or Salem Rd (1903) A. H. Lemon, geol. (1903-04) - West. Brothers, Mine Maps (1904-05) Machine shaft (1904) - connected with the shaft mine (1904) Mine map shows shaft opening: round 30' wide, rim 7' wide; extensions of 2-3' (1904) Further used opening by both Lemon & West. Brothers mines. Coal identified by returned to map Ca-28 and Ca-30. A portion of this mine may be better described see Ca-28. See also site for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 33

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 342,800 2,490,400

DIV MINES MAP NO: Ca-31; see also Ca-100 OGS MINE NO: _____ USBM DOCUMENT NO: 321465

MINE NAME: Clay Shaft No. 1; Colonial Clay (1909-12) [2]

OPERATOR(S): McLain Fire Brick Co. (1910-12); Colonial Coal & Clay Co. (1909) [2]

DATE OPENED OR EARLIEST SURVEY: 1909 DATE ABANDONED OR LAST SURVEY: 1912 [2]; 1913 [1]

TYPE OF MINE: shaft [2] & slope [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Clarion [47]

SEAM ELEVATION: 730' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 90' at shaft (1909 [2])

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 60]

HAZARD POTENTIAL: high and moderate

REMARKS: Annual reports [2] indicate: at New Salisbury on the C & P RR (1910); H. R. Lloyd, Supt. (1909-12); Wm. Davis, Mine Boss (1909); Matt. Henry, Mine Boss (1910-12).
Mine map [1] shows: 1 shaft; 1 slope; 1 drift opening to Ca-117.
Ca-100 may show extensions of this mine.

The shaft location is about 500' east of Salisbury Rd. and 700' northeast of the intersection of Salisbury Rd. and Steubenville Pike Rd., behind the McLain Fire Brick Company's crushing facility. The site is covered by collapsed foundation remains. Between the crushing facility and a point 30' northwest of the shaft site is a series of five collapse (?) depressions, each measuring about 10-12' in diameter and 5-7' deep. 11/19/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 1; Unity, Secs. 25, 36

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 425,800 2,545,000

DIV MINES MAP NO: Ca-32 OGS MINE NO: _____ USBM DOCUMENT NO: 321445

MINE NAME: Prospect Hill Slope No. 2; Slope No. 2 [1]; Prospect Hill No. 1 (1908-12); Prospect Hill (1906-07); Prospect Hill No. 1 (1904-05); Prospect No. 2 (1901-03); Prospect Hill No. 2 (1900) [2]

OPERATOR(S): Prospect Hill Coal Co. (1900-12) [2]

DATE OPENED OR EARLIEST SURVEY: 1900 [2] DATE ABANDONED OR LAST SURVEY: 1914 [1], [2]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1901, 1904 [2]), [1]

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: 3-4' (1900), 3'6" (1904), 3'10" (1910) [2]

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: at E. Palestine on the P, FT W & C RR (1900); W. S. Lewis, Supt., S. M. Hoon, Mine Boss (1900); Grant Hill, Supt., Thomas Stackhouse, Mine Boss (1904-12); connected with Prospect Hill Slope No. 1, which was abandoned (1900); Slope No. 1 to be used as 2nd opening; Slope No. 2 300' in length (1904); abandoned (1914).
Mine map [1] shows: 2 slopes; 3 drift openings; 1 air shaft; pillars were drawn; rooms 30' wide; pillars 10' wide.
This mine underlies portions of Ca-33, Ca-45, and Ca-93.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Secs. 35, 36

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 426,400 2,542,900

DIV MINES MAP NO: Ca-32 OGS MINE NO: _____ USBM DOCUMENT NO: 321445

MINE NAME: Prospect Hill Slope No. 1; Prospect Hill (1896-99); Prospect Slope (1895); Prospect Hill (1894); Prospect Slope (1885-93); Prospect Hill (1883-84) [2]

OPERATOR(S): Prospect Hill Coal Co. (1894-99); Filer Bros. (1893); Filer & Lawton (1893); Sutherin Mining Co. (1893); Prospect Hill Coal Co. (1887-92); Sutherin Coal Co. (1886); Prospect Hill Coal Co. (1884-95); James Suthern (1883) [2]

DATE OPENED OR EARLIEST SURVEY: 1883 [2] DATE ABANDONED OR LAST SURVEY: 1896 [1] 1900 [2];

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1883 & 1897 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3-4' (1897 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate

REMARKS:
 Annual reports [2] indicate: James Suthern, Jr., Manager (1883); James Suthern, Sr., Supt. (1884-85); James Sutherin, Jr., Mine Boss (1884); Geo. Sutherin, Mine Boss (1885); Geo. Sutherin, Supt. (1886-92); Jas. Dixon, Mine Boss (1886-87); Matthew Sutherin, Mine Boss (1888); Martin Sutherin, Mine Boss (1890); Wm. G. Atchison, Mine Boss (1891-92); Enoch Filer, Jr., Supt., Samuel Huhn, Mine Boss (1893); W. S. Lewis, Supt. & Mine Boss (1895); W. S. Lewis, Supt., W. G. Lewis, Mine Boss (1896-99); several roof falls (1884); near E. Palestine on the P, FT W & C RR (1889); abandoned (1900); connects with Prospect Hill Slope No. 2 (1900). See Prospect Hill Slope No. 2 for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Secs. 25, 36
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 425,000 2,544,600
 DIV MINES MAP NO: Ca-33; see also Ca-45 OGS MINE NO: _____ USBM DOCUMENT NO: also 321446; see 321449
 MINE NAME: Prospect Hill No. 7 (1911-1914) [2]

OPERATOR(S): Jones Coal Co.; Prospect Hill Coal Co. (1911-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1911 [2] DATE ABANDONED OR LAST SURVEY: 1914 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1911 [2]), [1]; Mahoning No. 7a

SEAM ELEVATION: 1125' (topo)

SEAM THICKNESS: 3' (1911 [2])

COVER THICKNESS: 75' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: coal transported to back opening of Prospect Hill Slope No. 2 & hauled through this mine (1911); at E. Palestine on P, FT W & C RR (1913); abandoned (1914); Grant Hill, Supt., Thomas Stackhouse, Mine Boss (1911-13).
 Ca-45 (Jones mine) is an extension of this mine.
 Mine map [1] shows: 1 drift opening; 1 air shaft; workings to Ca-45 and Ca-32; rooms 30' wide; ribs 10' wide.
 This mine overlies Ca-32.
 Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Secs. 21, 28
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 434,100 2,530,300
 DIV MINES MAP NO: Ca-34 OGS MINE NO: _____ USBM DOCUMENT NO: 321447
 MINE NAME: Prospect Hill Drift No. 2; Prospect Hill No. 2 (1905-12) [2]

OPERATOR(S): Prospect Hill Coal Co. (1905-12) [2]

DATE OPENED OR EARLIEST SURVEY: 1905 [2] DATE ABANDONED OR LAST SURVEY: 1911 [1]; 1912 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1907 [2]), [1]; No. 7 (1905 [2])

SEAM ELEVATION: 1160' (topo)

SEAM THICKNESS: 3' 4" (1905), 3 1/2' (1907), 3'10" (1910) [2]

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: 2 mi W of E. Palestine on P, FT W & C RR (1910); Grant Hill, Supt. (1905-12); Wm. Morris, Mine Boss (1907-08); James Flemming, Mine Boss (1909); Jacob Ashman, Mine Boss (1910-12); mining suspended (1912-14).
 Mine map [1] shows: 1 drift opening; 2 air shafts.
 This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 36

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 428,400 2,544,700

DIV MINES MAP NO: Ca-35; see also Ca-177 OGS MINE NO: _____ USBM DOCUMENT NO: 321448; see also 352647

MINE NAME: Wheat Hill (No. 2); Wheat Hill (1906-14); Wheat Hill No. 2 (1905); Wheat Hill (1904) [2]

OPERATOR(S): Wheat Hill Coal Co. (1904-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 [2] DATE ABANDONED OR LAST SURVEY: 1914 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1904 [2]), [1]; Mahoning No. 7a

SEAM ELEVATION: 1120' (topo)

SEAM THICKNESS: 2 1/2'-3' (1905, 1907) [2]

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: J. Flemming, Supt. (1904-09); James Atchinson, Supt., Henry Patton, Mine Boss (1910-12).
Mine map [1] shows: 1 drift opening; extensions to Ca-177; rooms 20'-30' wide; ribs 10'-40' wide.
This mine connects with Ca-93.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Secs. 3, 4

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 451,700 2,470,800

DIV MINES MAP NO: Ca-36; see also Ca-150 OGS MINE NO: _____ USBM DOCUMENT NO: 321424; see also 321436

MINE NAME: Peerless [1]

OPERATOR(S): Card & Prosser Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1913 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [1]

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 195' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: See Ca-150 for remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Sec. 32 (NE 1/4)

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 458,500 2,462,100

DIV MINES MAP NO: Ca-37 OGS MINE NO: _____ USBM DOCUMENT NO: 321425

MINE NAME: Beech Hollow (1909-14); Beach Hollow (1907-08) [2]

OPERATOR(S): Reese Bros. (1907-14) [2]; John P. Reese & Sons Co. [56]

DATE OPENED OR EARLIEST SURVEY: 1907 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1921 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1907 [2]); Lower Kittanning No. 5 [47]

SEAM ELEVATION: 1080' [56]; 1075' - 1090' (topo)

SEAM THICKNESS: 3' (1907), 3'2" (1910), 3'3" (1914) [2]

COVER THICKNESS: 195' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 102], [56: file no. 1721]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: 2 mi NW of Salem (1909); 2 mi NE of Salem (1912); Thos. G. Reese, Supt. & Mine Boss (1907-14).
Local mine, capacity 40-50 tons [56].
Mine map [1] shows: 2 drift openings; 4 air shafts; workings to Ca-23.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Secs. 1, 2, 11, 12
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 421,200 2,543,000
 DIV MINES MAP NO: Ca-38; see also Ca-60 OGS MINE NO: _____ USBM DOCUMENT NO: 321440; see also 321450
 MINE NAME: Negley [1]

OPERATOR(S): Saratoga Fire Clay Co.; Negley Fire Clay Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1924

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7A [47]

SEAM ELEVATION: 1090' (topo)

SEAM THICKNESS: 2'8" aver., 2 1/2-3' [47]

COVER THICKNESS: 90' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 246, 302, 303], [56: file nos. 1932, 11654]

HAZARD POTENTIAL: low

REMARKS: NE 1/4 Sec. 11 Middleton Twp., and center of Sec. 12 Middleton Twp. [47].
 Mine map [1] shows: 1 drift opening; 1 air shaft; extensions to Ca-60;
 rooms 20'-25' wide; ribs 10' wide; "stumps drawn."
 This mine overlies portions of Ca-61.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 28

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 346,500 2,462,400

DIV MINES MAP NO: Ca-39 OGS MINE NO: _____ USBM DOCUMENT NO: 321410

MINE NAME: Strabley (1903-14); Hayes (1899-1902); Hays or Hays' (1884-98);
Hayes or Hayes' (1883; 1875-77) [2]

OPERATOR(S): Salineville Coal Mining Co.; Strabley Mining Co. (1906-14); J. S. Strabley (1887-1905); Ohio & Pennsylvania Coal Co. (1882-86); W. J. Rainey Coal Co. (1881-82); John Hayes & Co. (1875-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1922 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Big Vein" or No. 7 (1884 [2]); Upper Freeport No. 7 [56]

SEAM ELEVATION: 930' (topo); 935' [1]

SEAM THICKNESS: 5' (1889), 5'4" (1897) [2]; 4'7"-6'0" [56]

COVER THICKNESS: 350' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [53: p. 3, 4], [56: file no. 6306]

HAZARD POTENTIAL: low

REMARKS:

Annual reports [2] indicate: at Salineville (1883); Hays' was one part of mine (1885); connected with Farmers mine (1889) and Kirk mine (1893); James Black, Supt. (1882-86); James A. Watkins, Mine Boss (1882-86); James Strabley, Supt. & Mine Boss (1887-91, 1909); James Strabley, Supt. (1892-1908, 1910-14); Wm. Strabley, Mine Boss (1892); Eli Blazey, Mine Boss (1904-08); Thos. Strabley, Mine Boss (1910-14); machine mining (1907); an old mine with extensive abandoned workings (1914); on a spur of the C & P RR (1913).

Mine map [1] shows: 1 drift opening; 2 air shafts; an extensive area marked "old works"; rooms 20'-40' wide; ribs 10'-20' wide.

Production of 300 to 400 tons/day [56]. Ca-21 (Hays mine) may have been the predecessor to this mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Salem, Sec. 2
 QUADRANGLE(S): Salem
 UTM (CENTER OF MINE): 17 450,900 2,476,900
 DIV MINES MAP NO: Ca-40 OGS MINE NO: _____ USBM DOCUMENT NO: 321426
 MINE NAME: Oak Hill (1904-14) [2]

OPERATOR(S): Columbia Fire Clay Co. (1904-14); Oak Hill Coal Co. (1897) [2]

DATE OPENED OR EARLIEST SURVEY: 1897 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1915 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal & clay [1]

SEAM(S) OR BED(S) MINED: No. 3 (1907 [2])

SEAM ELEVATION: 940'-950' [1]

SEAM THICKNESS: 5 1/2'-6' (1907, 1909) [2]

COVER THICKNESS: 240' max.

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: at Washingtonville on the Y & O RR (1907);
 I. N. Russell, Manager (1907-09); W. C. Simpson, Manager (1910-14);
 slope 220' in length (1907), 225' (1908).
 Mine map [1] shows: 1 slope opening; 1 air shaft; area of old works;
 rooms 25' wide; ribs 30' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Salem
 QUADRANGLE(S): Salem
 UTM (CENTER OF MINE): 17 450,500 2,466,900
 DIV MINES MAP NO: Ca-41; see 321427; see also Ca-150 OGS MINE NO: _____ USBM DOCUMENT NO: also 321436
 MINE NAME: Salem (1892-1914) [2]

OPERATOR(S): Salem Mining Co. (1913-14); Salem Coal Co. (1893-1912); Salem Co. (1892) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1915 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]; No. 3 (1897 [2])

SEAM ELEVATION: 1055' (topo)

SEAM THICKNESS: 3'-3 1/2' (1901, 1904) [2]

COVER THICKNESS: 195' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 103]

HAZARD POTENTIAL: low

REMARKS:

Annual reports [2] indicate: new drift on the new Salem Ry (1892); 2 1/2 mi W of Washingtonville (1894); 2 mi W of Washingtonville (1895); 2 mi E of Salem (1904); 3 mi E of Salem (1907) on Y & O RR; Wm. Dunn, Mine Boss (1892), Supt. & Mine Boss (1893-1905), Supt. (1907-12); Avery Washington, Mine Boss (1907); Thos. McCullum, Mine Boss (1908-09); R. J. Borden, Mine Boss (1910); Harry Holland, Mine Boss (1911-12); J. E. Morget, Supt., Wm. Watkins, Mine Boss (1913); Wm. Watkins, Supt. & Mine Boss (1914); idle 1904-1905; machine mining (1910).

Extensions of this mine are shown on Ca-150.

Mine map [1] shows: 1 drift; 1 air shaft; rooms 30-40' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Salem, Secs. 31, 32
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 424,300 2,460,000
 DIV MINES MAP NO: Ca-42 OGS MINE NO: _____ USBM DOCUMENT NO: 321368
 MINE NAME: West Pittsburgh No. 3 [1]

OPERATOR(S): Card & Prosser Coal Co. (1912-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1912 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1919 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1912 [2])

SEAM ELEVATION: 1160' (topo)

SEAM THICKNESS: 5' (1913 [2])

COVER THICKNESS: 90' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: new mine at Teegarden on the Erie RR (1912); Thos. Prosser, Supt., D. R. Lewis, Mine Boss (1912-13); Thos. Morrison, Supt. (1914); machine mining (1912). Mine map [1] shows: 2 drift openings; several areas marked "old works." This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 12

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 415,200 2,517,500

DIV MINES MAP NO: Ca-43 OGS MINE NO: _____ USBM DOCUMENT NO: 321488

MINE NAME: Rogers [1]

OPERATOR(S): Rogers Fire Clay Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1914 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [47]

SEAM ELEVATION: 1020' (topo)

SEAM THICKNESS: 7'0" [47]

COVER THICKNESS: 70' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 198]

HAZARD POTENTIAL: low

REMARKS: Measured section [47].
Mine map [1] shows: 1 drift opening; rooms 20' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Fairfield, Secs. 6, 7
 QUADRANGLE(S): Columbiana
 UTM (CENTER OF MINE): 17 448,400 2,486,000
 DIV MINES MAP NO: Ca-44 OGS MINE NO: _____ USBM DOCUMENT NO: 321519
 MINE NAME: Neiheisel (1890-1914) [2]

OPERATOR(S): Neiheisel Coal Co. (1906-14); Neiheisel Bros. (1904-05);
Elizabeth Neiheisel (1890-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 (1890) [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1918 [1]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1904 [2]), [1]; Lower Kittanning No. 5

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1904), 3'3" (1906) [2]

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: retail mine 1 mi E of Leetonia (1890); 1 1/2 mi E of Leetonia (1893); Fred Neiheisel, Mine Boss (1890), Supt. & Mine Boss (1892-95); 2 air shafts (1895); J. Neiheisel, Supt. (1904-05); Fred J. Neiheisel, Supt. (1906-14); H. C. Summers, Mine Boss (1906-08); Henry Walser, Mine Boss (1909-14); slope 300' in length (1906).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Secs. 25, 36

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 426,800 2,544,500

DIV MINES MAP NO: Ca-45; see 321449; see also Ca-33 OGS MINE NO: _____ USBM DOCUMENT NO: also 321446

MINE NAME: Jones [1]

OPERATOR(S): Jones Coal Co.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1919 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 [1]; Mahoning No. 7a

SEAM ELEVATION: 1125'

SEAM THICKNESS: _____

COVER THICKNESS: 75' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: This mine shows extensions to Ca-33 and also connects with Ca-93.
See Ca-33 for remarks.
Mine map [1] shows: 1 drift; 1 air shaft; rooms 25' wide; ribs 5' wide; "stumps drawn."

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Yellow Creek, Sec. 33
QUADRANGLE(S): Wellsville
UTM (CENTER OF MINE): 17 342,900 2,491,000
DIV MINES MAP NO: Ca-46 OGS MINE NO: _____ USBM DOCUMENT NO: 321466
MINE NAME: New Salisbury [1]; Salisbury (1903); New Salisbury (1902) [2]

OPERATOR(S): Norris Mining & Manufacturing Co. (1902-03) [2]

DATE OPENED OR EARLIEST SURVEY: 1902 [2] DATE ABANDONED OR LAST SURVEY: 1903 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1902 [2])

SEAM ELEVATION: 950' (topo)

SEAM THICKNESS: 4 1/2' (1902), 3'10" (1903) [2]

COVER THICKNESS: 170' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: At Salisbury on the C & P RR (1902) [2].
Mine map [1] shows: 3 drift openings; rooms 20' wide; ribs 10' wide.
Mine is underlain by Ca-117.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 10

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-47 OGS MINE NO: _____ USBM DOCUMENT NO: 321369

MINE NAME: Lisbon (No. 2); Lisbon [1]

OPERATOR(S): Lisbon Cement Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1887 [1] DATE ABANDONED OR LAST SURVEY: 1927 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal & calcareous shale [56]

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: shale 2'2" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [56: file no. 5629]

HAZARD POTENTIAL: low

REMARKS: Rock is mined underground, burned in kilns, and ground by crushing;
calcareous shale is used for hydraulic cement [56].
Not located.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Fairfield, Secs. 6, 7; Salem, Secs. 1, 12
 QUADRANGLE(S): Columbiana, Salem
 UTM (CENTER OF MINE): 17 448,700 2,484,600
 DIV MINES MAP NO: Ca-48 OGS MINE NO: _____ USBM DOCUMENT NO: 321458
 MINE NAME: United or Cherry Valley [1]

OPERATOR(S): Leetonia Coal Co.; Hanna Furnace Co.; United Iron & Steel Co.
[56]

DATE OPENED OR EARLIEST SURVEY: 1919 [1] DATE ABANDONED OR LAST SURVEY: 1930 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: 954' [56]

SEAM THICKNESS: 2'6"-3'0" [56]

COVER THICKNESS: @100'

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [56: file no. 1709]

HAZARD POTENTIAL: high

REMARKS: Mine map [1] shows: 1 shaft; rooms 25'-35' wide; ribs 5'-15' wide; mined-out area of Ca-44 (Neiheisel mine).

The shaft location is about 1100' north of East High St. and 200' east of the Leetonia Sportsman Assoc. driveway. The site is marked by a trash-filled depression about 30' in diameter and 10-15' deep. About 130' northwest of site, 1200' north of East High St. and 170' east of driveway is another depression (air shaft) which is 5x10' in area and 3' deep and slumped in. Several large gob piles are in the vicinity. 10/28/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Salem, Secs. 14, 22, 23
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 437,800 2,476,600
 DIV MINES MAP NO: Ca-49 OGS MINE NO: _____ USBM DOCUMENT NO: 321370
 MINE NAME: Delmore [1]

OPERATOR(S): Delmore Coal Co.; Sterling Coal Co. (1910-14); Delmore Coal Co. (1908-09) [2]

DATE OPENED OR EARLIEST SURVEY: 1908 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1937 [1]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1908 [2]); Lower Kittanning No. 5 [47]

SEAM ELEVATION: 963'-967' [1]
3-3 1/2' (1908, 1914), 3'3" (1910), 3'10" (1917) [2]; 3'3" aver.,
 SEAM THICKNESS: 3-3 1/2' [47]

COVER THICKNESS: 260' max.

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [8: p. 45], [47: p. 104], [56: file no.1707]

HAZARD POTENTIAL: moderate

REMARKS:
 Annual reports [2] indicate: 1 1/2 mi SW of Leetonia on the Erie RR (1908); 1 1/2 mi W of Leetonia (1914, 1917); H. D. Hileman, Supt., Daniel McGrath, Mine Boss (1908-09); Daniel McGrath, Supt., Andrew Briggs, Mine Boss (1910); Daniel McGrath, Supt & Mine Boss (1911); John Hileman, Supt., Daniel McGrath, Mine Boss (1912-14); machine mining (1909); slope 360' in length (1908).
 SW 1/4 Sec. 14, Salem Twp [47].
 Production of 200 tons/day [56].
 Mine map [1] shows: 1 slope opening; rooms 30' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: St. Clair, Sec. 28
QUADRANGLE(S): East Liverpool North
UTM (CENTER OF MINE): 17 368,400 2,530,800
DIV MINES MAP NO: Ca-50 OGS MINE NO: _____ USBM DOCUMENT NO: 321481
MINE NAME: Cutta [1]

OPERATOR(S): Cutta Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1933 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal [1]

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [1] *UF*

SEAM ELEVATION: 1080' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; old works; rooms 25' wide;
ribs 10'-30' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Madison, Sec. 15
 QUADRANGLE(S): West Point
 UTM (CENTER OF MINE): 17 380,600 2,506,400
 DIV MINES MAP NO: Ca-51 OGS MINE NO: _____ USBM DOCUMENT NO: 321400
 MINE NAME: Rock Camp [1]

OPERATOR(S): Madison Coal Co.; Rock Camp Coal Co. (1912-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1912 [2] DATE ABANDONED OR LAST SURVEY: 1937 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 (1912 [2])

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: 2'8" (1912 [2])

COVER THICKNESS: 150' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: New mine 2 mi S of West Point (1912); John Suffill, Supt. & Mine Boss (1912-14) [2].
 Mine map [1] shows: 4 drift openings; rooms 15' wide; ribs 20' wide.
 This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Secs. 22, 23, 28, 29

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 347,600 2,465,600

DIV MINES MAP NO: Ca-52 OGS MINE NO: _____ USBM DOCUMENT NO: 321411

MINE NAME: Old Slope (1907-12); Old Slope No. 1 (1906); Slope No. 1 (1903-05); Slope (1885-1902); New Slope (1883-84) [2]

OPERATOR(S): Ohio & Pennsylvania Coal Co. (1883-1912) [2]

DATE OPENED OR EARLIEST SURVEY: 1883 [2] DATE ABANDONED OR LAST SURVEY: 1912 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Big Vein" (1884), No. 6 (1889), No. 7 (1897, 1904-09) [2]; Upper Freeport No. 7 [36]

SEAM ELEVATION: 850'-940' [1]

SEAM THICKNESS: 4 1/2-5 1/2' (1909), 4-6' (1904) [2]

COVER THICKNESS: 130' at air shaft (1884 [2])

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [36: p. 200]

HAZARD POTENTIAL: moderate

REMARKS:
 Annual reports [2] indicate: at Salineville on the C & P RR (1883); connects with Empire mine (1886) and Farmers mine (1890); 1 air shaft 130' x 5' (1884); 2nd slope opening (1894); machine mining (1897); slope 900' in length (1904); new air shaft (1905); drawing pillars (1910); abandoned (1912); Supts.: James Black (1883-1904), John Galligher (1905), Edw. McNichols (1906), Thos. Williams (1907), John Walsh (1908), Joseph Nelms (1909-11); Mine Bosses: Peter Brown (1883), David McPherson (1884-85, 1887), B. F. Roberts (1886), James Wheeling (1888), John Whalen (1889-98, 1905), John Gallager (1904), Wm. Jones (1906), John Walsh (1907), Geo. Robinson (1908), Wm. Beynon (1909-10), Joseph Nelms (1911).
 Mine map [1] shows: 1 slope; 2 drift openings; 1 air shaft; area marked "coal"

(cont, other side)

ABANDONED UNDERGROUND MINE DATA SHEET

worked out"; rooms 20'-30' wide; ribs 10'-15' wide; reference to James Farmer mine (Ca-68). Coal identified by referring to maps Ca-70 and Ca-82.

COUNTY: _____
 TWP SEC LOT: _____
 QUADRANGLE: _____
 UTM CENTER OF MINE: _____
 DIV MINE MAP NO: _____
 OGS MINE NO: _____
 USNM DOCUMENT NO: _____
 MINE NAME: _____
 OPERATOR: _____
 DATE OPENED OR EARLIEST SURVEY: _____
 TYPE OF MINE: _____
 COMMODITY MINED: _____
 SEAM OR BED MINED: _____
 SEAM ELEVATION: _____
 SEAM THICKNESS: _____
 COVER THICKNESS: _____
 RELATION TO DRAINAGE: _____
 SOURCE OF DATA: _____
 HAZARD POTENTIAL: _____

REMARKS: [1] shows 1 shaft, 2 drift openings, 1 air shaft; area covered with coal, other shafts Annual reports [5] indicate: at Saffordville on the S & P RR (1883); connects with Emery mine (1888) and Emery's mine (1890); 1 air shaft 130' x 5' (1894); 2nd shaft opening (1894); machine shaft (1897); slope 300' in length (1904); new air shaft (1905); opening pillars (1910); abandoned (1915); shafts: James Black (1883-1904), John Bellinger (1905), Gov. Nicholson's (1906), Two Williams (1907), John Hartz (1908), Joseph Hartz (1909-11), Mine Bosses: Peter Brown (1895), David McPherson (1894-95, 1907), B. F. Roberts (1888), James Wessling (1898), John Hartz (1899-98, 1902), John Safford, (1904), Mr. Jones, (1908), John Hartz (1909), Geo. Robinson (1908), Mr. Guyton (1909-10), Joseph Hartz (1911).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Secs. 18, 19

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 407,300 2,488,100

DIV MINES MAP NO: Ca-53 OGS MINE NO: _____ USBM DOCUMENT NO: 321489

MINE NAME: American No. 36 (1910-14); No. 36; American Sewer Pipe
(1906-07); American No. 36 (1904-05) [2]

OPERATOR(S): American Vitrified Products Co.; American Sewer Pipe Co.
(1910-14, 1904-07) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1939 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]; No. 3 (1906 [2])

SEAM ELEVATION: 960' (topo)

SEAM THICKNESS: 9' (1906), 8' (1912), 6' (1914) [2]

COVER THICKNESS: 180' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 75], [48: p. 336]

HAZARD POTENTIAL: low

REMARKS:
 Annual reports [2] indicate: at Lisbon (1906); 2 mi E of Lisbon (1907); 1 mi E of Lisbon (1910); on the P, L & W RR (1907); Geo. Freeman, Supt., Chas. McCaskey, Mine Boss (1906-07); J. W. McConnell, Supt., Charles McCaskey, Mine Boss (1910-11); mining suspended (1911-12, 1914).
 N 1/2 Sec. 19 Elk Run Twp. [47].
 1 mi E of Lisbon; chemical analysis [48].
 Mine map [1] shows: 3 drift openings; 2 air shafts; 2 mines; rooms 15' wide; ribs 30'-50' wide; one mine connects with Ca-71 (Saratoga No. 2 mine).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Center, Sec. 18; Hanover, Sec. 13
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 411,000 2,454,200
 DIV MINES MAP NO: Ca-54 OGS MINE NO: _____ USBM DOCUMENT NO: 321371
 MINE NAME: Anderson (No. 2); Anderson [1]

OPERATOR(S): John Sell; Crannage & Anderson (1882) [2]

DATE OPENED OR EARLIEST SURVEY: 1882 [2] DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1130' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 50' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Gomer Lewis, Mine Boss (1882) [2].
 Mine map [1] shows: 1 drift opening; 1 air shaft; rooms 20' wide;
 ribs 10' wide.
 This mine may have been partially excavated by strip mine.
 Coal identified by referring to map Ca-56.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 23

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 404,300 2,478,700

DIV MINES MAP NO: Ca-55 OGS MINE NO: _____ USBM DOCUMENT NO: 321372

MINE NAME: Fire Clay No. 2 [1]

OPERATOR(S): Saratoga Fire Clay Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1942 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: clay & coal

SEAM(S) OR BED(S) MINED: No. 3 or Upper Clarion [1]; Lower Kittanning No. 5 [47]

SEAM ELEVATION: 941' [1]

SEAM THICKNESS: _____

COVER THICKNESS: 240' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 107]

HAZARD POTENTIAL: moderate

REMARKS: Mine map [1] shows: 3 slopes; rooms 20'-25' wide; ribs 30'-60' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 12

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 413,000 2,450,900

DIV MINES MAP NO: Ca-56 OGS MINE NO: _____ USBM DOCUMENT NO: 321373

MINE NAME: Shpeherd (No. 1); Shepherd [1]

OPERATOR(S): Shepherd Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1942 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [1]

SEAM ELEVATION: 1130' [1]; 1140'-1150' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 100' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; an area marked "old workings";
rooms 25'-30' wide; pillars 10' wide.
This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Elk Run, Sec. 15
 QUADRANGLE(S): Elkton
 UTM (CENTER OF MINE): 17 410,500 2,503,500
 DIV MINES MAP NO: Ca-57 OGS MINE NO: _____ USBM DOCUMENT NO: 321495
 MINE NAME: Elk Run No. 1 [1]

OPERATOR(S): Herriott Coal Co.; Herriot Coal Co. (1900); Cherry Valley
 Iron Works (1899); Elk Run Mining Co. (1898) [2]

DATE OPENED OR EARLIEST SURVEY: 1898 [2]; 1900 [1] DATE ABANDONED OR LAST SURVEY: 1907 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1898 [2]); Upper Freeport No. 7 [47]

SEAM ELEVATION: 1100'-1125' (topo)

SEAM THICKNESS: 3' (1898 [2]); 3'2" [47]

COVER THICKNESS: 100' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 239]

HAZARD POTENTIAL: low

REMARKS: At New House on the P, L & W RR (1898) [2].
 Mine map [1] shows: 3 drift openings; rooms 30'-40' wide; ribs 5'-15'
 wide; pillars were partially drawn.
 This mine has been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Secs. 5, 32

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 454,000 2,461,900

DIV MINES MAP NO: Ca-58; see also OGS MINE NO: _____ USBM DOCUMENT NO: 321428; see also
Ca-30, Ca-170 OGS MINE NO: _____ USBM DOCUMENT NO: 321423, 321525

MINE NAME: McNab [1]

OPERATOR(S): Buck Coal Co. (1910-12); B & B Coal Co. (1908-09); Lemmon Coal Co. (1907); Salem Coal Co. (1905); Salem Fuel Co. (1904); McNab Coal Co. (1903); J. B. McNab (1901-02) [2]

DATE OPENED OR EARLIEST SURVEY: 1901 [2] DATE ABANDONED OR LAST SURVEY: 1912 [2]; 1905 [1]

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1903), No. 6 (1905) [2]; Lower Kittanning No. 5 [56]

SEAM ELEVATION: 1033' (topo)

SEAM THICKNESS: 3-3 1/2' (1902, 1903) [2]

COVER THICKNESS: 252'8" [56]; 235' (1902), 240' (1907), 250' (1908) [2]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [56: file no. 3783]

HAZARD POTENTIAL: high

REMARKS:
 Annual reports [2] indicate: at Salem (1904); machine mining (1904); mine closed -- no 2nd opening (1905); connected with Farquhar (1907); had an old 150' shaft (1908); abandoned (1912); Supts.: Irwin Mellinger (1901), Charlton Dixon (1902), John T. Reese (1903-05), H. C. Buck (1908), Val Eichenlaub (1908), Grant Hill (1909), James P. Davis (1910-11); Mine Bosses: John Brady (1908), Michael Flinn (1909-10), Frank Roessler (1911).
 Just east of Salem City Hospital [56].
 Extensions of this mine are shown on Ca-30 and Ca-170.

The approximate shaft location is either under the parking lot or building to the Krogers store located between E. State St. and South East St. 10/28/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Center, Secs. 15, 16
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 409,100 2,471,400
 DIV MINES MAP NO: Ca-59 OGS MINE NO: _____ USBM DOCUMENT NO: 321374
 MINE NAME: Lisbon (No. 1); Lisbon (1900-05) [2]

OPERATOR(S): Lisbon Coal Co. (1900-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1900 [2] DATE ABANDONED OR LAST SURVEY: 1905 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1901), No. 3 (1903) [2]; Lower Kittanning No. 5?

SEAM ELEVATION: 940' (topo)

SEAM THICKNESS: 3-3 1/2' (1904 [2])

COVER THICKNESS: 200' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at Lisbon on the Erie RR (1904); E. J. Marshall, Supt. (1901-05); Thos. Thomas, Mine Boss (1904-05); drawing pillars (1904); abandoned (1905).
 Mine map [1] shows: 1 drift opening; 2 air shafts.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Secs. 2, 11, 12
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 417,900 2,543,500
 DIV MINES MAP NO: Ca-60 OGS MINE NO: _____ USBM DOCUMENT NO: 321450
 MINE NAME: Pleasant Valley No. 2 (1900); Pleasant Valley (1892-99);
 Negley No. 2 (1889-91); Pleasant Valley No. 2 (1887-88) [2]

OPERATOR(S): Powers Coal Co. (1900); Holly Coal Co. (1896-99); Sutherin
 Mining Co. (1890-95); Sutherin Coal Co. (1887-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 [2] DATE ABANDONED OR LAST SURVEY: 1897 [1];
 1900 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 [1]; Mahoning No. 7a

SEAM ELEVATION: 1090' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 90' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: near the village of Negley (1888); 1 1/2
 mi from E. Palestine on the P, M & C Ry (1892); connects with Pleasant
 Valley Nos. 3 & 6 (1893); James Southerin, Supt. & Mine Boss (1888-91);
 James Southerin, Supt., Thomas Sutherin, Mine Boss (1892); James W.
 Sutherin, Supt. & Mine Boss (1893); G. J. Williams, Supt. & Mine Boss
 (1900).
 Coal identified by referring to Ca-38.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Secs. 2, 11, 12
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 417,900 2,543,500
 DIV MINES MAP NO: Ca-60 OGS MINE NO: _____ USBM DOCUMENT NO: 321450
 MINE NAME: Pleasant Valley No. 3 (1892-95) [2]

OPERATOR(S): Sutherin Mining Co. (1892-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 [2] DATE ABANDONED OR LAST SURVEY: 1895 [2]; 1897 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Brush Creek or No. 7 [1]; Mahoning No. 7a

SEAM ELEVATION: 1090' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 90' max

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: James Sutherin, Supt., Thomas Sutherin, Mine Boss (1892); James Sutherin, Supt. & Mine Boss (1893); connects with Pleasant Valley No. 6 (Ca-2) and Pleasant Valley No. 2 (1893); 1 1/2 mi from E. Palestine on the P, M & C Ry (1892). Mine map [1] shows: 3 drift openings; 1 air shaft; extensions to Ca-38; rooms 24' wide; ribs 6' wide; mined 133.4 acres; ribs drawn. Coal identified by referring to Ca-38. This mine overlies portions of Ca-61 and Ca-87.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 1, 2, 11, 12

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 417,900 2,543,900

DIV MINES MAP NO: Ca-61 OGS MINE NO: _____ USBM DOCUMENT NO: 321451

MINE NAME: Pleasant Valley No. 1 (1893-1900); Negley No. 1 (1889-91); Pleasant Valley No. 1 (1888); Pleasant Valley (1886-87) [2]

OPERATOR(S): Powers Mining Co. (1900); Holly Coal Co. (1896-99); Sutherin Mining Co. (1890-95); Sutherin Coal Co. (1886-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1886 [2] DATE ABANDONED OR LAST SURVEY: 1894 [1]; 1900 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1889 [2]); Upper Freeport No. 7

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: 110' max.

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate:
 Jas. Sutherin, Supt. & Mine Boss (1886-91; 1893); Harry Lawrence, Supt., Thomas Cronick, Mine Boss (1894-95); W. S. Lewis, Supt., Patrick H. Murphy, Mine Boss (1896-98); G. J. Williams, Supt. & Mine Boss (1900); abandoned 1891; reopened 1893; at Holly Station on the P, M & C RR (1895); at Negley on the P, L & W RR (1897).
 Mine map [1] shows: 5 drift openings; 2 air shafts; rooms 24' wide; pillars 12' wide; ribs 6' wide; ribs drawn; mined 168.8 acres.
 This mine overlies portions of Ca-87 and underlies portions of Ca-38 and Ca-60.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Secs. 35, 36
 QUADRANGLE(S): Gavers
 UTM (CENTER OF MINE): 17 355,300 2,457,100
 DIV MINES MAP NO: Ca-62 OGS MINE NO: _____ USBM DOCUMENT NO: 321390
 MINE NAME: Foster (1874-1902) [2]

OPERATOR(S): Foster Coal Co. (1901-02); Morrison Foster (1889-1900);
 Columbiana Coal Co. (1880-88); Harding & Sharp (1876-77); Harding & Hall (1874-75)
 [2]

DATE OPENED OR EARLIEST SURVEY: 1874 [2] DATE ABANDONED OR LAST SURVEY: 1896 [1];
 1902 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Strip Vein" or Brush Creek (1884 [2]); Mahoning No. 7a [1]

SEAM ELEVATION: 1050'

SEAM THICKNESS: 3' (1895 [2])

COVER THICKNESS: 210' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: Sampson Sharp, Manager (1876-77); Jesse Thornton, Supt. (1883-87); Wm. E. Jenkins, Mine Boss (1883); Daniel Tolson, Mine Boss (1885); Daniel Folson, Mine Boss (1886-88); David Simpson, Mine Boss (1889-90); David Simpson, Supt. & Mine Boss (1891-97); mining suspended (1901-02); 2 mi N of Salineville on the C & P RR (1889).
 Mine map [1] shows: 1 drift; rooms 30'-40' wide; pillars 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Sec. 3
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 420,300 2,536,400
 DIV MINES MAP NO: Ca-63 OGS MINE NO: _____ USBM DOCUMENT NO: 321452
 MINE NAME: Campbell (1896-1900) [2]

OPERATOR(S): East Palestine Coal Co. (1896-1900) [2]

DATE OPENED OR EARLIEST SURVEY: 1896 [2] DATE ABANDONED OR LAST SURVEY: 1900 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1896 [2]); Upper Freeport No. 7 [1]

SEAM ELEVATION: 1060' (topo)

SEAM THICKNESS: 2'2" - 2'9" (1900 [2])

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: new mine in Middleton Twp. on the P, L & W RR (1896); W. S. Lewis, Supt. & Mine Boss (1896); W. S. Lewis, Supt. (1897-1900); Henry Dickey, Mine Boss (1897); P. H. Murphy, Mine Boss (1898-1900).
 Mine map [1] shows: 6 drift openings; 1 air shaft; rooms 25'-30' wide; pillars 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Sec. 30
 QUADRANGLE(S): East Palestine or Elkton
 UTM (CENTER OF MINE): _____
 DIV MINES MAP NO: Ca-64 OGS MINE NO: _____ USBM DOCUMENT NO: 321453
 MINE NAME: Fairfield No. 1 (1896); Fairfield (1894-95) [2]; East Fairfield
No. 1 [1]

OPERATOR(S): Fairfield Coal Co. (1894-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 [2] DATE ABANDONED OR LAST SURVEY: 1896 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1894 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' (1894 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: new mine at New Waterford on the P, FT
 W & C RR (1894); Hugh Laughlin, Supt. (1894-96); Michael Ratchford,
 Mine Boss (1894); Thomas Sutherin, Mine Boss (1895-96); drawing
 pillars (1896).
 Not located.
 Mine map [1] shows: 1 air shaft; rooms 25'-30' wide; pillars 5' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Fairfield, Secs. 25, 36; Unity, Sec. 30

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 428,100 2,515,600

DIV MINES MAP NO: Ca-65 OGS MINE NO: _____ USBM DOCUMENT NO: 321496

MINE NAME: Fairfield No. 2 (1908-09); Fairfield (1906-07);
Fairfield No. 2 (1896-1904) [2]

OPERATOR(S): Fairfield Coal Co. (1896-1909) [2]

DATE OPENED OR EARLIEST SURVEY: 1896 [2] DATE ABANDONED OR LAST SURVEY: 1909 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1896, 1906 [2])

SEAM ELEVATION: 1185' (topo)

SEAM THICKNESS: 3'-3'10" (1904, 1908 [2])

COVER THICKNESS: 100' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: Hugh Laughlin, Supt. (1896); Thomas Sutherin, Mine Boss (1896), Supt. & Mine Boss (1897-98), Supt. (1899-1903); Wm. Shasteen, Mine Boss (1899-1900, 1904-09); John Moon, Supt. (1904-09); at New Waterford on the P, FT W & C RR (1897); drawing pillars & abandoned (1909).
 Indicated on Ca-79 (J. N. Buck mine).
 Mine map [1] shows 1 drift opening.
 See OGS 17 and OGS 18 for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Sec. 31
 QUADRANGLE(S): East Palestine, Elkton
 UTM (CENTER OF MINE): 17 426,200 2,518,500
 DIV MINES MAP NO: also Ca-66; see 321454; see also Ca-127 OGS MINE NO: _____ USBM DOCUMENT NO: also 321522
 MINE NAME: Fairfield No. 3 (1908-1912) [2]

OPERATOR(S): Fairfield Coal Co. (1908-12) [2]

DATE OPENED OR EARLIEST SURVEY: 1908 [2] DATE ABANDONED OR LAST SURVEY: 1912 [2]; 1913 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1908 [2])

SEAM ELEVATION: 1130'-1135' (topo)

SEAM THICKNESS: 3'-3'3" (1911, 1912 [2])

COVER THICKNESS: 130' max

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: new mine near Fairfield No. 2 (1908);
 2nd opening (1909); at New Waterford on the P, FT W & C Ry (1910);
 John Moon, Supt. (1908-09, 1912); Wm. Shasteen, Mine Boss (1908-11);
 W. E. Baysinger, Supt. (1910-11); Joseph MacGill, Mine Boss (1912).
 Connects with Ca-127 (Crook mine).
 Mine map [1] shows: 3 drift openings; 1 air shaft; 2 mined-out areas;
 workings of Ca-65; stumps partially drawn.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 16

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 440,300 2,529,200

DIV MINES MAP NO: Ca-67 OGS MINE NO: _____ USBM DOCUMENT NO: 321527

MINE NAME: Eureka [1]

OPERATOR(S): Joseph Hisey (1894-99) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 [2] DATE ABANDONED OR LAST SURVEY: 1898 [1]; 1899 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: 117

SEAM ELEVATION: 1175'-1180' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 45' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: 1 1/2 mi NE of New Waterford (1894); 1 1/2 mi NW of New Waterford (1895) [2].
Mine map [1] shows: 3 drift openings; area marked "old works"; 1 air shaft; rooms 25' wide; pillars 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Sec. 29
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): 17 351,700 2,463,400
 DIV MINES MAP NO: Ca-68 OGS MINE NO: _____ USBM DOCUMENT NO: 321407
 MINE NAME: Farmers [1]

OPERATOR(S): Brown Coal Co. (1889-97); Manufacturers' Coal Co. (1880-88);
 James Farmer (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1859 ~~(1889 [2])~~ DATE ABANDONED OR LAST SURVEY: 1897 [2];
1899 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Big Vein" or Upper Freeport No. 7 (1884 [2]), [36]

SEAM ELEVATION: 870' (topo)

SEAM THICKNESS: 6' (1890 [2])

COVER THICKNESS: 162' at air shaft (1882 [2])

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [36: p. 200], [53: p. 3, 4]

HAZARD POTENTIAL: low

REMARKS:
 Annual reports [2] indicate: at Salineville on the C & P RR; opened 30 years ago; connects with the Hays' (Strabley) mine (1889); 162' air shaft bottoms 60' above mouth of drift (1882); drawing pillars (1892); court injunction issued restraining removal of pillars below Salineville (1897); J. M. Smith, Manager (1882-83), Supt. & Mine Boss (1884-88); Andrew Moffet, Supt. & Mine Boss (1889, 1891); John Brown, Supt. (1890), Manager (1896-97); W. E. Brown, Mine Boss (1890); Wm. Brown, Supt. (1892); M. Smith, Mine Boss (1892).
 Mine map [1] shows: 2 drift openings; reference to Hays mine (Ca-39), Slope mine (Ca-52), and Kirk mine; rooms 25' wide; pillars 10' wide; pillars drawn. Near the Empire mine [53].
 Coal identified by referring to maps Ca-70 and Ca-82. This mine underlies Ca-95.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 23

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 404,200 2,476,500

DIV MINES MAP NO: Ca-69 OGS MINE NO: _____ USBM DOCUMENT NO: 321375

MINE NAME: Central Slope (1893-98); Central (1891-92) [2]

OPERATOR(S): Card & Prosser Coal Co.; Card & Prosser (1894-98); Sterling Mining Co. (1892-94); Central Mining Co. (1891) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 [2] DATE ABANDONED OR LAST SURVEY: 1898 [2]; 1899 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1897 [2]); Lower Kittanning No. 5?

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' (1897 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: at New Lisbon (1891) on the NY, P & O Ry (1892); air shaft sunk (1892); connected with Old Booth mine (1898); drawing pillars prior to abandonment (1898); Wm. Dunn, Supt. & Mine Boss (1891); W. H. Warner, Supt., John Hileman, Mine Boss (1892-93); Thos. Prosser, Supt., David Lewis, Mine Boss (1895-98).
Mine map [1] shows: 1 slope; 1 air shaft; rooms 25' wide; pillars 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Secs. 23, 24, 29
 QUADRANGLE(S): Gavers, Salineville
 UTM (CENTER OF MINE): 17 353,600 2,466,900
 DIV MINES MAP NO: also Ca-70; see 321391; see
also Ca-1 OGS MINE NO: _____ USBM DOCUMENT NO: also 321408
 MINE NAME: Old Shaft (1880-1896) [2]

OPERATOR(S): Ohio & Pennsylvania Coal Co. (1880-95); leased by J. H. Strabley (1893-96); Matthew Brown (1887-88); Peter Brown & Son (1886) [2]

DATE OPENED OR EARLIEST SURVEY: 1880 [2] DATE ABANDONED OR LAST SURVEY: 1896 [1]

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Big Vein" (1884), No. 6 (1890) [2]; Upper Freeport No. 7 [1]

SEAM ELEVATION: 830'

SEAM THICKNESS: 6' (1890 [2])

COVER THICKNESS: 50' at shaft (1883), 130' at air shaft (1884) [2]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: high

REMARKS:
 Annual reports [2] indicate: near Salineville on the C & P RR (1883); connects with Big Vein Coal Co.'s New Shaft (1890); main shaft 50' (1883), 40' x 7' x 10' (1885), 38' (1890); air shaft 130' x 5' (1884); flooded by Yellow Creek breakthrough (1895); H. E. Yingste, Mine Boss (1882); James Black, Supt. (1883-86, 1889-92); Benj. Roberts, Mine Boss (1883-85, 1887-88); Peter Brown, Jr., Mine Boss (1886-87); J. C. Brown, Mine Boss (1887); J. R. Russell, Mine Boss (1889-91); Thos. Strabley, Mine Boss (1892), Manager (1893-96).
 Mine map [1] shows: 2 slope openings; 2 shaft openings & 2 air shafts; workings to Ca-19; rooms 20' wide; pillars 10' wide.
 This mine also shown on Ca-1.

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: _____
TWP, SEC, LOT: _____
QUADRANGLE: _____
UTM CENTER OF MINE: _____
DOWNS MAP NO. _____
MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____
DATE ABANDONED OR LAST SURVEY: _____

The shaft location is about 40' south of Rt. 164. The site is marked by a depression about 10x20' in area and 2' deep, in a swampy area. Unable to locate the air shaft which according to Mrs. Gerald Thomas, East End Rel., is about 30' south of East End Rel. and 150' northwest of the intersection of East End Rel. and Rt. 164. 11/19/80. DC.

BEAM ELEVATION: _____
BEAM THICKNESS: _____
COVER THICKNESS: _____
RELATION TO DRAINAGE: _____
SOURCE(S) OF DATA: _____
HAZARD POTENTIAL: _____

REMARKS: _____

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Elk Run, Sec. 18
 QUADRANGLE(S): Elkton
 UTM (CENTER OF MINE): 17 407,800 2,486,500
 DIV MINES MAP NO: Ca-71 OGS MINE NO: _____ USBM DOCUMENT NO: 321497
 MINE NAME: Saratoga No. 2 (1892-97) [2]

OPERATOR(S): Card & Prosser (1892-97) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 [2] DATE ABANDONED OR LAST SURVEY: 1897 [1]

TYPE OF MINE: slope (1892 [2]) & drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1892, 1897 [2]); Lower Kittanning No. 5

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2'-3 1/2' (1897 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate and low

REMARKS:
 Annual reports [2] indicate: new slope near New Lisbon & near Saratoga No. 1 (1892); connects with an entry driven by the Andrews Bros. years earlier (1892); 2 mi E of Lisbon (1896); abandoned (1897); Thos. Prosser, Supt. & Mine Boss (1893), Supt. (1894-97); David Lewis, Mine Boss (1894); Richard Prosser, Mine Boss (1895); John Prosser, Mine Boss (1896-97).
 Mine map [1] shows: 1 slope opening; 1 drift (drain) opening; rooms 25'-40' wide; pillars 7' wide.
 Connects with Ca-53 (American No. 36 mine).
 Coal identified by referring to map Ca-53.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 1, 2, 11, 12

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 449,900 2,480,200

DIV MINES MAP NO: Ca-72 OGS MINE NO: _____ USBM DOCUMENT NO: 321429

MINE NAME: Leetonia (No. 1); Leetonia (1887-89); Cherry Valley No. 1 (1884-86);
Cherry Valley mine (1883); Leetonia (1875-77); Cherry Valley (1874) [2]

OPERATOR(S): Cherry Valley Coal Co.; Cherry Valley Iron Co. (1883-89,
1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 [2] DATE ABANDONED OR LAST SURVEY: 1889 [2];
1894 [1]

TYPE OF MINE: drift and slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 (1884 [2]); No. 4 [30]; No. 5 [36]

SEAM ELEVATION: 1040'-1065' (topo)

SEAM THICKNESS: 28" [30]

COVER THICKNESS: 75' [30]; 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [30: p. 124], [36: p. 190]

HAZARD POTENTIAL: low and moderate

REMARKS: Annual reports [2] indicate: at Leetonia on the Niles & New Lisbon
RR (1883); slope 240' in length (1883); Zachariah Tittlow, Supt.
(1883); John Briggs, Mine Boss (1883-89); Zach. Tetlow, Supt.
(1884-88).
Mine map [1] shows: 4 drift openings; 1 slope opening.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Mahoning Columbiana
 TWP, SEC, LOT: Green, Sec. 35 Salem, Sec. 2
 QUADRANGLE(S): Salem
 UTM (CENTER OF MINE): 17 454,200 2,476,500
 DIV MINES MAP NO: Ca-73 OGS MINE NO: _____ USBM DOCUMENT NO: 321430
 MINE NAME: Peerless [1]

OPERATOR(S): Townsend Coal Co. (1902-03 [2])

DATE OPENED OR EARLIEST SURVEY: 1902 [2] DATE ABANDONED OR LAST SURVEY: 1906 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 [1]; No. 6 (1902), No. 3 (1903) [2]

SEAM ELEVATION: 1100' (topo)

SEAM THICKNESS: 3' (1903 [2])

COVER THICKNESS: 30' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: mine straddles Mahoning-Columbiana Co. line; principal opening is in Columbiana Co.; on Salem RR; slope 115' in length (1902); W. N. Stone, Supt. (1902); C. A. Townsend, Supt. (1903).
 Connects with Mg-6 (National No. 1 mine).
 Mine map [1] shows: 1 drift opening; 1 air shaft.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Secs. 14, 15

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 410,500 2,507,300

DIV MINES MAP NO: Ca-75 OGS MINE NO: _____ USBM DOCUMENT NO: 321498

MINE NAME: Elk Run (No. 2); Elk Run (1910-12, 1901); Newhouse (1906-09);
New House (1903-05); Dewey No. 2 (1902, 1900) [2]

OPERATOR(S): Duquesne Coal Co. (1913 [2]), [1]; Hotchkiss Coal Co. (1911-
12); Wilson Coal Co. (1910); Herriott Coal Co. (1900-09) [2]

DATE OPENED OR EARLIEST SURVEY: 1900 DATE ABANDONED OR LAST SURVEY: 1912 [2];
1913 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1903), No. 7 (1905), No. 6 (1906) [2]; Upper

SEAM ELEVATION: 1140' (topo) Freeport No. 7 [1]

SEAM THICKNESS: 2 1/2-3' (1901, 1903 [2])

COVER THICKNESS: 100' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at Elkton on the L & W RR (1904); at Newhouse on the P, L & W RR (1910); C. C. Herriott, Supt. (1901-05), Supt. & Mine Boss (1906-09); Jonah Byers, Mine Boss (1904-05); J. W. Barnes, Supt. (1910), Supt. & Mine Boss (1912); Jos. Biggins, Mine Boss (1910-11); C. M. Shanks, Supt. (1911); machine mining (1904).
Mine map [1] shows 1 drift opening; 2 air shafts.
This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Secs. 18, 24, 32, 33, 34
 QUADRANGLE(S): Gavers
 UTM (CENTER OF MINE): 17 360,000 2,468,800
 DIV MINES MAP NO: Ca-76 OGS MINE NO: _____ USBM DOCUMENT NO: 321392
 MINE NAME: Garside (1907-14)

OPERATOR(S): Big Vein Coal Co. (1907-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1907 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1921 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 (1907 [2]); [47]

SEAM ELEVATION: 746' [47]; 751' (topo)

SEAM THICKNESS: 5 1/2' (1907 [2]); 5'-5 1/2' (47)

COVER THICKNESS: 204' at shaft opening, 140' at pump shaft [47]; 200' (1907 [2]); 139' at pumphouse shaft [56]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 270], [56: file no. 6326]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: 2 mi NE of Salineville on the C & P RR (1907); E. G. Marshall, Supt. (1907-09); W. J. Wright, Mine Boss (1907); Thomas Thomas, Mine Boss (1908-09); T. R. Lewis, Supt., John Brady, Mine Boss (1909); W. P. Crookston, Supt., Edward English, Mine Boss (1910-14).
 140' pump shaft (5 1/2' coal) at N 1/2 Sec. 24; 204' shaft (5' coal) at SE 1/4 Sec. 33 [47].
 Mine map [1] shows: 1 shaft opening; 1 air shaft; workings of Old Shaft; rooms 20'-30' wide; pillars 10'-20' wide.
 Connects with Ca-19 (Old Shaft).

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: _____
 THE SEC. LOT: _____
 QUADRANGLE(S): _____
 UTM COORDINATE OF MINE: _____
 DIV. MINE MAP NO.: _____
 U.S.M. DOCUMENT NO.: _____
 MINE NAME: _____
 OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____
 DATE ABANDONED OR LAST SURVEY: _____

The shaft location is about 70' west of Rt. 164 and 900' north of the Rt. 164 and Rt. 39 intersection. The site is marked by a water-filled depression about 30x20' in area and 4' to the surface of the water, containing some floating trash. A second depression (air shaft) about 20' in diameter and 15' deep, which contains some debris, is located about 15' west of Rt. 164 and 650' north of the intersection of Rt. 164 and Rt. 39. 10/30/80. DC.

BEAM THICKNESS: _____
 COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA: _____
 (SEE NUMBERED REFERENCE LIST)

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate 2 mi NE of Salisbury on the C & P RR (1907); E. G. Stewart, Supr. (1907-09); J. Wright, Mine Boss (1907); Thomas Jones, Mine Boss (1908-09); T. R. Lewis, Supr. (1909); John Brady, Mine Boss (1909); W. F. Crockett, Supr. (1910-11); Mine Boss (1910-11); 140' pump shaft (6 1/2' dia) at N 1/2 Sec. 34; 200' shaft (5' dia) at SE 1/4 Sec. 33 (1911); Mine and [1] shafts: 1 shaft opening, 1 air shaft, workings of old shaft; notes 20'-30' water pit; 10'-20' dia. Connects with 22-19 (old shaft).

See other side for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 5

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 419,200 2,463,000

DIV MINES MAP NO: Ca-77 OGS MINE NO: _____ USBM DOCUMENT NO: 321376

MINE NAME: Elk Run No. 3 [1]

OPERATOR(S): Elk Run Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1921 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal & clay [47]

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 935'-950' [1]

SEAM THICKNESS: coal: 3 1/2' aver., 3'-3'8"; clay: @8' [47]

COVER THICKNESS: 215' max.

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 74, 105], [56: file no. 12603]

HAZARD POTENTIAL: moderate

REMARKS: Center of Sec. 5, Center Twp. [47].
Mine map [1] shows 2 slopes.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Sec. 16
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): 17 346,700 2,474,100
 DIV MINES MAP NO: Ca-78 OGS MINE NO: _____ USBM DOCUMENT NO: 321412
 MINE NAME: Columbiana (No. 2); Columbiana

OPERATOR(S): Columbiana Coal & Clay Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1939

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]. [56]

SEAM ELEVATION: 850'-920'

SEAM THICKNESS: 3 1/2' [47]; 3'3"-4'0" [56]

COVER THICKNESS: 390' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 272], [56: file no. 6320]

HAZARD POTENTIAL: low

REMARKS: Along a small stream [47].
 Shipping mine; electrically equipped;
 capacity 250 tons/day [56].
 Mine map [1] shows: 7 drift openings; 2 mined-out areas; rooms 20'-30'
 wide; pillars 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Fairfield, Sec. 36
 QUADRANGLE(S): Elkton
 UTM (CENTER OF MINE): 17 425,800 2,514,400
 DIV MINES MAP NO: Ca-79 OGS MINE NO: _____ USBM DOCUMENT NO: 321499
 MINE NAME: J. N. Buck [1]

OPERATOR(S): W. E. McQuistian [1]

DATE OPENED OR EARLIEST SURVEY: 1906 [1] DATE ABANDONED OR LAST SURVEY: 1914 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]

SEAM ELEVATION: 1158'-1160' [1]

SEAM THICKNESS: _____

COVER THICKNESS: 52' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: moderate

REMARKS: Mine map [1] shows: 1 slope; extension of Fairfield Coal Co.'s mine (Ca-65); rooms 25' wide; pillars 5' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Center, Secs. 8, 9
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 413,800 2,464,500
 DIV MINES MAP NO: Ca-80 OGS MINE NO: _____ USBM DOCUMENT NO: 321377
 MINE NAME: Beaver No. 1 [1]

OPERATOR(S): Beaver Coal & Clay Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1927 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 970'-980' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 240' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 124]

HAZARD POTENTIAL: low

REMARKS: At Coleman [47].
 Mine map [1] shows: 3 drift openings; an additional mined-out area in Sec. 5
 which may be below drainage; rooms 20'-35' wide; ribs 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Center, Sec. 9
QUADRANGLE(S): Lisbon
UTM (CENTER OF MINE): 17 415,400 2,467,600
DIV MINES MAP NO: Ca-81 OGS MINE NO: _____ USBM DOCUMENT NO: 321378
MINE NAME: Easton [1]

OPERATOR(S): Blue Flame Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: 180' (topo)

SEAM THICKNESS: 3'6" [56]

COVER THICKNESS: 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [56: file no. 3805]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; several areas marked "old workings"; rooms 25' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana Jefferson
 TWP, SEC, LOT: Washington, Secs. 16, 17, 22, 23, 28; Brush Creek, Sec. 21
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): 17 346,000 2,469,500
 DIV MINES MAP NO: Ca-82 OGS MINE NO: _____ USBM DOCUMENT NO: 321413
 MINE NAME: Grant [1]

OPERATOR(S): McPherson Coal Co.; Grant Coal Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1941 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47], [56]

SEAM ELEVATION: 890' [56]; 900' [1]

SEAM THICKNESS: 3'1" [47]

COVER THICKNESS: 390' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 272], [56: file no. 6309]

HAZARD POTENTIAL: low

REMARKS: NW 1/4 Sec. 16 Washington Twp. [47].
 Mine map [1] shows: 6 drift openings; 3 air shafts; 2 mined-out areas;
 workings to Ca-52; rooms 20'-30' wide; ribs 10'-20' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Salem, Sec. 15
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 442,400 2,471,600
 DIV MINES MAP NO: Ca-83 OGS MINE NO: _____ USBM DOCUMENT NO: 321379
 MINE NAME: Leetonia (No. 2); Leetonia (1901-05) [2]

OPERATOR(S): Leetonia Coal Co. (1901-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1901 [2] DATE ABANDONED OR LAST SURVEY: 1903 [2]; 1905 [2]

TYPE OF MINE: slope and drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1901 [2]); Upper Clarion [1]

SEAM ELEVATION: 1040' (topo)

SEAM THICKNESS: 2'6" - 3'4" (1901, 1903 [2])

COVER THICKNESS: 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: moderate and low

REMARKS: Annual reports [2] indicate: at Leetonia on the P, FT W & C RR (1904); T. R. Lewis, Supt. (1901-02); Mort Stouffer, Supt. (1903-05); Mike Brady, Mine Boss (1904-05); slope 125' in length (1902), 150' (1904). Mine map [1] shows: 2 drift openings; 2 slope openings; slope 95' in length; several areas marked "works fallen in"; rooms 30' wide; ribs 5'-20' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 1

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-84 OGS MINE NO: _____ USBM DOCUMENT NO: 321455

MINE NAME: National

OPERATOR(S): Bessemer Limestone & Cement Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1942

TYPE OF MINE: strip mine

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: unidentified

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Sec. 35
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): 17 351,500 2,459,900
 DIV MINES MAP NO: Ca-85 OGS MINE NO: _____ USBM DOCUMENT NO: 321414
 MINE NAME: Ohio Clay Products (1912-14) [2]

OPERATOR(S): Ohio Clay Products Co. (1912-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1912 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1921 [1]

TYPE OF MINE: slope and shaft [1]

COMMODITY MINED: clay & coal
 SEAM(S) OR BED(S) MINED: No. 3 (1912 [2]); Middle Kittanning No. 6 [48]; Middle Kittanning No. 6 & Oak Hill clay [47]

SEAM ELEVATION: 833' (topo)
 SEAM THICKNESS: clay: 14' (1912 [2]), 12' (1913 [2]), 12' (Middle Kittanning) [48], 8' (M.K.) [47], 4' (Oak Hill) [47]; coal: 1-1 1/2' (M.K.) [47]

COVER THICKNESS: 82' to coal [47]; 60' at shaft (1912), 85' (1913, 1914) [2]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 153, 167], [48: p. 411]

HAZARD POTENTIAL: moderate and high

REMARKS: Annual reports [2] indicate: new shaft at Salineville on the C & P RR (1912); W. H. Hartman, Supt., Chas. Campbell, Mine Boss (1912); Chas. Campbell, Supt. & Mine Boss (1912-14).
 Mine map [1] shows: 1 shaft; 1 slope; entries 10' wide; pillars 30'-60' wide.

Unable to pinpoint the shaft location. The approximate location of the site is about 500' south of Rf. 39 in the vicinity of foundation remains. Several small gob piles are in the vicinity. About 150' south of site, across Riley Run Creek, are three drift openings, one of which is slumped-in. About 50' east of the slumped-in drift is a second drift opening which is not sealed and is about 30x10-12'. About 50' further east is a third drift opening which is not sealed and is about 25x10-12'. Further east are slumped-in drift and slope openings. 11/19/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana (extends into Beaver Co., Pa.)
 TWP, SEC, LOT: Unity, 25, 36
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 428,600 2,548,000
 DIV MINES MAP NO: Ca-86 OGS MINE NO: _____ USBM DOCUMENT NO: 321483
 MINE NAME: State Line No. 1 (1901-14); State Line (1874-1900) [2]

OPERATOR(S): State Line Coal Co. (1874-1914) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 [2] DATE ABANDONED OR LAST SURVEY: 1898 [1]; 1914 [2]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1904 [2]); Upper Freeport No. 7 (1914 [2]), [36], [56]

SEAM ELEVATION: 1080' (topo)

SEAM THICKNESS: 4' (1904), 3-3 1/2' (1914) [2]; 3'8" aver., 3'4"-4'10" [36]; 3'6" [56]

COVER THICKNESS: 140' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [36: p. 196-198], [56: file no. 10968]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: 13 mi E of Leetonia on the P & FT W RR (1883); 1 mi E of East Palestine (1894); under jurisdiction of Pa. Mines Inspector 1884-86; drawing pillars (1883); leased 500 acres in Ohio (1888); mining crossed into Pa. (1894); mining only in Pa. (1904-14); Hugh Laughlin, Supt. (1883, 1888-1914); Mine Bosses: James Southerin (1883), John Southerin (1888-90), Richard Leake (1891-94), George Sutherin (1904-14).
 Production of 650 tons/day; proximate analysis [36].
 Mine map [1] shows: 1 drift; 1 air shaft; rooms 25'-30' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Sec. 12
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 417,400 2,544,900
 DIV MINES MAP NO: Ca-87 OGS MINE NO: _____ USBM DOCUMENT NO: 321484
 MINE NAME: Negley; Negley Clay (1906-14) [2]

OPERATOR(S): Negley Fire Clay Co. (1906-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1906 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1942 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal & clay [1]

SEAM(S) OR BED(S) MINED: No. 3 clay (1906); Lower Kittanning No. 5 coal & clay (1910-14) [2]

SEAM ELEVATION: 917' [1]; 890' (topo)

SEAM THICKNESS: coal: 18" (1910-14), clay: 8' (1906), 6' (1910-14) [2]

COVER THICKNESS: 270' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at Negley on the P, L & W RR (1906); E. E. Jones, Supt., W. A. Shell, Mine Boss (1906); James Powers, Supt. (1907, 1910-14); J. W. Sutherin, Mine Boss (1907-11); F. I. Powers, Supt. (1908-09); Chas. Whitmer, Mine Boss (1912-14).
 Mine map [1] shows: 2 drift openings; 1 air shaft; area marked "old works"; rooms 25'-30' wide; ribs 10'-25' wide.
 This mine underlies both Ca- 60 and Ca-61.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Secs. 14, 15, 22

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 375,900 2,506,500

DIV MINES MAP NO: Ca-88 OGS MINE NO: _____ USBM DOCUMENT NO: 321401

MINE NAME Black Diamond [1]

OPERATOR(S): Black Diamond Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1938 [1] DATE ABANDONED OR LAST SURVEY: 1942 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [1]

SEAM ELEVATION: 1050' (topo); 1048'-1030' [1]

SEAM THICKNESS: _____

COVER THICKNESS: 150' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; extensive area marked "old works"; workings to Ca-146; rooms 20'-30' wide; ribs 7'-10' wide. This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 9

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-89 OGS MINE NO: _____ USBM DOCUMENT NO: 321402

MINE NAME: West Point

OPERATOR(S): Marshall Mining Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1943 [1]

TYPE OF MINE: strip [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [1]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: not evaluated

REMARKS: County mine no. Ca 25.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 9

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-90 OGS MINE NO: _____ USBM DOCUMENT NO: 321403

MINE NAME: West Point

OPERATOR(S): Marshall Mining Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1943 [1]

TYPE OF MINE: strip [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: unidentified

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: not evaluated

REMARKS: County mine No. Ca 527.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Madison, Sec. 17
 QUADRANGLE(S): West Point
 UTM (CENTER OF MINE): 17 378,600 2,493,300
 DIV MINES MAP NO: Ca-91 OGS MINE NO: _____ USBM DOCUMENT NO: 321404
 MINE NAME: Hart (No. 1); Hart [1]

OPERATOR(S): Hart Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 950' [56], 940' (topo)

SEAM THICKNESS: 4' [56]

COVER THICKNESS: 170' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [56: file no. 1989]

HAZARD POTENTIAL: low

REMARKS: Local mine [56].
 Mine map [1] shows: 3 drift openings; rooms 30'-35' wide; ribs
 5'-25' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Secs. 3, 10, 11

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 448,400 2,473,900

DIV MINES MAP NO: Ca-92; see 321431; see also Ca-160 OGS MINE NO: _____ USBM DOCUMENT NO: also 321437

MINE NAME: Beaver Valley [1]

OPERATOR(S): Star Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1945 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: 1015' (topo)

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; old works; rooms 20'-25' wide; ribs 10'-15' wide.
Connects with Ca-143 (Vender mine).
Ca-160 is an earlier map of the same mine.
County mine No. Ca 22.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 1; Unity, Secs. 25, 36

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 427,300 2,547,100

DIV MINES MAP NO: Ca-93 OGS MINE NO: _____ USBM DOCUMENT NO: 321486

MINE NAME: National No. 8 and No. 9

OPERATOR(S): National Fireproofing Corp.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1931 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal & clay [1]

SEAM(S) OR BED(S) MINED: No. 7 [1]; Mahoning No. 7a

SEAM ELEVATION: 1078'-1119' [1], 1090'-1120' (topo)

SEAM THICKNESS: coal: 2'6"; clay: 3-4' [56]

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [56: file no. 1785]

HAZARD POTENTIAL: low

REMARKS:

At the tile plant in east end of Palestine the No. 7 (Mahoning No. 7a) coal has been worked extensively. Apparently the clay was taken from beneath the Mahoning coal. The plant burned about three years ago (1918). The No. 6 (Upper Freeport No. 7) coal reported from 3-4 feet. The Mahoning coal reported about 30 inches. Five or six feet of clay reported removed from beneath the Mahoning coal. Plant has never been rebuilt. The opening in No. 7 coal at above plant was operated by the State Lime Coal Co. [56].

Mine map [1] shows: 4 drift openings; 1 air shaft; pillars drawn; rooms 20'-30' wide; pillars 20-30' wide.

This mine connects with Ca-35 and Ca-45 and overlies portions of Ca-86 and Ca-32. Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Secs. 12, 18, 34, 35

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 359,500 2,539,500

DIV MINES MAP NO: Ca-94 OGS MINE NO: _____ USBM DOCUMENT NO: 321462

MINE NAME: East End No. 3 [1]

OPERATOR(S): American Vitriified Products Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1930 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay [1]

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 710' (topo)

SEAM THICKNESS: 8 1/2' [47]

COVER THICKNESS: 310' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 59]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft; entries 20' wide; pillars 20'-60' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 29

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 350,500 2,462,400

DIV MINES MAP NO: Ca-95 OGS MINE NO: _____ USBM DOCUMENT NO: 321415

MINE NAME: Vasey (1904-14) [2]

OPERATOR(S): R. D. Smith; Sarah Vasey (1910-14); Kirk & Vasey (1904-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1918 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Strip Vein" (1904 [2]); Mahoning No. 7a

SEAM ELEVATION: 970'-980' (topo)

SEAM THICKNESS: 3' (1904 [2])

COVER THICKNESS: 170' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at Salineville (1910); R. Vasey, Supt. (1904-05); Frank Goddard, Supt. & Mine Boss (1910-11); Harry Felton, Supt. & Mine Boss (1912-13); Wm. Walters, Supt. & Mine Boss (1914).
Mine map [1] shows: 2 drift openings; 2 air shafts; rooms 20'-30' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Secs. 3, 4, 9, 10

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 448,600 2,470,400

DIV MINES MAP NO: Ca-96; see also Ca-111 OGS MINE NO: _____ USBM DOCUMENT NO: 321432; see also 321433

MINE NAME: Weikart No. 1; Weikart

OPERATOR(S): Weikart Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1950 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 [1]; Lower Kittanning No. 5

SEAM ELEVATION: 1030' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 150' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft; rooms 25'-40' wide; 5'10' wide; workings of Ca-36. Coal identified by elevation. County mine No. Ca 56. This mine also shown on Ca-111.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Elk Run, Sec. 22
QUADRANGLE(S): Elkton
UTM (CENTER OF MINE): 17 405,100 2,503,100
DIV MINES MAP NO: Ca-97 OGS MINE NO: _____ USBM DOCUMENT NO: 321503
MINE NAME: Padurean [1]

OPERATOR(S): Victor J. Padurean [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1950 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7?

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 140' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft; old works from another mine; rooms 25' wide; ribs 10'-20' wide. Connects with Ca-151 (Pine Hollow mine). This mine may have been partially excavated by strip mine. County mine No. Ca 1.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Wayne, Secs. 11, 12
 QUADRANGLE(S): Gavers
 UTM (CENTER OF MINE): 17 384,300 2,481,200
 DIV MINES MAP NO: Ca-98 OGS MINE NO: _____ USBM DOCUMENT NO: 321393
 MINE NAME: Hart (No. 2); Hart [1]

OPERATOR(S): Hart Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1953 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [1]

SEAM ELEVATION: 1020' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 140' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; rooms 20' wide; ribs 10'-30' wide.
 This mine may have been partially excavated by strip mine.
 County mine No. Ca 13.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Unity, Sec. 32
QUADRANGLE(S): East Palestine
UTM (CENTER OF MINE): 17 427,800 2,525,100
DIV MINES MAP NO: Ca-99 OGS MINE NO: _____ USBM DOCUMENT NO: 321487
MINE NAME: Bozzo [1]

OPERATOR(S): Bozzo Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1933 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1100'-1140' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 80' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 6 drift openings; 3 air shafts.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Yellow Creek, Sec. 33
QUADRANGLE(S): Wellsville
UTM (CENTER OF MINE): _____
DIV MINES MAP NO: Ca-100; see also Ca-31 OGS MINE NO: _____ USBM DOCUMENT NO: 321467
MINE NAME: Colonial No. 9

OPERATOR(S): McLain Fire Brick Co.

DATE OPENED OR EARLIEST SURVEY: 1923 [1] DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: high

REMARKS: Not located.
This map may show extensions of Ca-31.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Secs. 28, 34
 QUADRANGLE(S): Wellsville
 UTM (CENTER OF MINE): 17 345,450 2,491,000
 DIV MINES MAP NO: Ca-101 OGS MINE NO: _____ USBM DOCUMENT NO: 321468
 MINE NAME: Colonial No. 6 (1912-14) [2]

OPERATOR(S): McLain Fire Brick Co. (1912-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1912 [2]; 1913 [1] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1927 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1912 [2])

SEAM ELEVATION: 820'-830' (topo)

SEAM THICKNESS: 3 1/2' (1912 [2]); 4'1/2" [56]

COVER THICKNESS: 340' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [17: p. 203]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at New Salisbury on the C & P RR (1912);
 new mine (1912); H. R. Lloyd, Supt., Jacob Ehlenbach, Mine Boss
 (1912-14).
 1/2 mi NE of Salisbury, Sec. 34; measured section [17].
 Mine map [1] shows: 2 drift openings; 1 air shaft; rooms 25'-30' wide;
 ribs 5'10' wide.
 This mine overlies Ca-117.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 3

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 389,400 2,503,600

DIV MINES MAP NO: Ca-102 OGS MINE NO: _____ USBM DOCUMENT NO: 321405

MINE NAME: Hillside [1]

OPERATOR(S): Triangle Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1952 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 [1]

SEAM ELEVATION: 970' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; rooms 25'-30' wide; ribs 10'-30' wide.
County mine No. Ca 39.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 14

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): 17 378,650 2,479,900

DIV MINES MAP NO: Ca-103; see 321394; see
also Ca-144 OGS MINE NO: _____ USBM DOCUMENT NO: also 321397

MINE NAME: McKenzie [1]

OPERATOR(S): G. W. McKenzie [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a

SEAM ELEVATION: 960' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; rooms 15'-25' wide; ribs 10'-20' wide.
Ca-144 shows extensions of this mine.
Coal identified by referring to Ca-144.
County mine No. Ca 13.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Fairfield, Sec. 33
QUADRANGLE(S): Elkton
UTM (CENTER OF MINE): _____
DIV MINES MAP NO: Ca-104 OGS MINE NO: _____ USBM DOCUMENT NO: 321504
MINE NAME: Wilson or Crook [1]

OPERATOR(S): Wilson Refractories Inc. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1953 [1]

TYPE OF MINE: strip

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: unidentified [1]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: not evaluated

REMARKS: County mine No. 517.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 4

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-105 OGS MINE NO: _____ USBM DOCUMENT NO: 321505

MINE NAME: Wilson-Burt

OPERATOR(S): Wilson Refractories Inc. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1953 [1]

TYPE OF MINE: strip [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: unidentified

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Secs. 1, 2, 11, 12

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-106 OGS MINE NO: _____ USBM DOCUMENT NO: 321493

MINE NAME: Negley

OPERATOR(S): Wilson Refractories Inc. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1953 [1]

TYPE OF MINE: strip [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: unidentified

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Madison, Sec. 15
QUADRANGLE(S): West Point
UTM (CENTER OF MINE): 17 377,200 2,507,000
DIV MINES MAP NO: Ca-107 OGS MINE NO: _____ USBM DOCUMENT NO: 321528
MINE NAME: Diamond [1]

OPERATOR(S): Diamond Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1950 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [60]

SEAM ELEVATION: 1090' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 30' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 3 drift openings; rooms 35'-40' wide; ribs 10' wide.
This mine may have been partially excavated by strip mine.
County mine No. Ca 57.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Secs. 9, 10, 15

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): 17 411,300 2,406,800

DIV MINES MAP NO: Ca-108 OGS MINE NO: _____ USBM DOCUMENT NO: 321515

MINE NAME: Eagle or Chambersburg [1]

OPERATOR(S): J. S. Stone Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1941 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1220' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 90' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 231]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; extensions of Ca-6; several areas marked "inaccessible works"; rooms 25' wide; ribs 5' wide. County mine No. Ca 52.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Center, Sec. 8
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 412,600 2,461,300
 DIV MINES MAP NO: Ca-109 OGS MINE NO: _____ USBM DOCUMENT NO: 321360
 MINE NAME: Bowman [1]

OPERATOR(S): Beaver Creek Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1952 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1035' - 1046' [1]

SEAM THICKNESS: _____

COVER THICKNESS: 165' max.

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: moderate

REMARKS: Mine map [1] shows: 1 slope; 1 air shaft; rooms 20'-25' wide; ribs 10'-20' wide.
 County mine No. Ca 117.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Secs. 14, 15, 11 [47]
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 411,800 2,538,000
 DIV MINES MAP NO: Ca-110 OGS MINE NO: _____ USBM DOCUMENT NO: 321490
 MINE NAME: Jones (1910-14); Hoon (1906-09) [2]

OPERATOR(S): Jones Coal Co. (1910-14); Hoon Coal Co. (1906-09) [2]

DATE OPENED OR EARLIEST SURVEY: 1906 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1922 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1027' [1]; 1030' - 1040' (topo)

SEAM THICKNESS: 2 1/2'-3' (1907, 1910 [2]); 3'4", 3' aver., 1 1/2'-3 1/2' [47]

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 247], [56: file nos. 1857, 11929]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: at East Palestine (1906); S. W. Hoon, Supt., W. E. Hoon, Mine Boss (1906); S. M. Hoon, Supt., James Jones, Mine Boss (1907); John Jones, Sr., Manager (1909); John Jones, Supt., Thos. Jones, Mine Boss (1910-14).
 SW 1/4 Sec. 11 Middleton Twp. [47].
 Mine map [1] shows: 3 drift openings; 1 air shaft; rooms 25'-30' wide; ribs 7'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Secs. 9, 10

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 447,100 2,470,400

DIV MINES MAP NO: Ca-111 OGS MINE NO: _____ USBM DOCUMENT NO: 321433

MINE NAME: Weikart No. 2; Weikart

OPERATOR(S): Weikart Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1946 [1] DATE ABANDONED OR LAST SURVEY: 1956 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 [1]; Lower Kittanning No. 5

SEAM ELEVATION: 1010' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 210' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; 2 air shafts; Weikart No. 1 (Ca-96);
2 mines; rooms 25'-40' wide; ribs 7'-20' wide.
County mine No. Ca 126.
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Sec. 23
 QUADRANGLE(S): Wellsville
 UTM (CENTER OF MINE): 17 350,400 2,499,700
 DIV MINES MAP NO: Ca-112; see also Ca-135 OGS MINE NO: _____ USBM DOCUMENT NO: 321469; see also 321473
 MINE NAME: E & F (No. 1); E & F (1959); Grapevine (1949) [60]

OPERATOR(S): E & F Coal Co.; Grapevine Mining Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1959 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 (1959 [60])

SEAM ELEVATION: 1070'-1080' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 70' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 4 drift openings; rooms 25'-40' wide; ribs 5'-20' wide.
 Ca-135 is an earlier map of this mine.
 County mine No. Ca 135.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Center, Secs. 7, 18
 QUADRANGLE(S): Lisbon
 UTM (CENTER OF MINE): 17 410,400 2,455,900
 DIV MINES MAP NO: Ca-113 OGS MINE NO: _____ USBM DOCUMENT NO: 321381
 MINE NAME: Guilford [1]

OPERATOR(S): Guilford Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1960 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7

SEAM ELEVATION: 1160' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 140' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; rooms 30' wide; ribs 10' wide.
 Coal identified by referring to map Ca-56.
 See OGS 26 for further remarks.
 County mine No. Ca 11.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Yellow Creek, Secs. 22, 23
QUADRANGLE(S): Wellsville
UTM (CENTER OF MINE): 17 350,800 2,501,300
DIV MINES MAP NO: Ca-114 OGS MINE NO: _____ USBM DOCUMENT NO: 321470
MINE NAME: Swearingen [1]

OPERATOR(S): Swearingen Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1960 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 (1960 [60])

SEAM ELEVATION: 1060' - 1070' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 140' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 3 drift openings; several areas marked "worked out"; rooms 20'-30' wide; ribs 10' wide.
County mine No. Ca 21.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Elk Run, Sec. 22
QUADRANGLE(S): Elkton
UTM (CENTER OF MINE): 17 403,650 2,505,250
DIV MINES MAP NO: Ca-115 OGS MINE NO: _____ USBM DOCUMENT NO: 321506
MINE NAME: E & F (No. 2)

OPERATOR(S): E & F Coal Co.; E. E. Bradbury & F. Padurean

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1960 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1090' - 1100' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 110' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings.
County mine No. Ca 275.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Secs. 9, 15, 21
 QUADRANGLE(S): Wellsville
 UTM (CENTER OF MINE): 17 341,500 2,513,900
 DIV MINES MAP NO: Ca-116 OGS MINE NO: _____ USBM DOCUMENT NO: 321471
 MINE NAME: Buckeye No. 2 [1]

OPERATOR(S): H. K. Porter Co., Inc.; McLain Fire Brick Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1950 [1] DATE ABANDONED OR LAST SURVEY: 1961 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47], [56]

SEAM ELEVATION: 695' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 485' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [11, [47: p. 84], [56: file no. 15073]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift; entries 20' wide; pillars 20'-80' wide. County mine No. Ca 16.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Secs. 28, 33, 34
 QUADRANGLE(S): Wellsville
 UTM (CENTER OF MINE): 17 345,900 2,493,600
 DIV MINES MAP NO: Ca-117 OGS MINE NO: _____ USBM DOCUMENT NO: 321472
 MINE NAME: Colonial No. 5 or Salisbury [1]

OPERATOR(S): H. K. Porter Co., Inc.; McLain Fire Brick Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1940 [1] DATE ABANDONED OR LAST SURVEY: 1961 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47], [56]

SEAM ELEVATION: 790'-800' (topo)

SEAM THICKNESS: 4'4" [56]

COVER THICKNESS: 430' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 85], [56: file no. 1824]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; entries 30' wide; pillars 10'-170' wide.
 Capacity 40-50 tons/day; 10 diggers [56].
 This mine underlies Ca-101 and Ca-46.
 County mine No. Ca 19.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 32

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 426,300 2,460,700

DIV MINES MAP NO: Ca-118 OGS MINE NO: _____ USBM DOCUMENT NO: 321382

MINE NAME: Alliance [1]

OPERATOR(S): Alliance Brick Co.; C. V. Hanna [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1935 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1110' [56]; 1140' (topo)

SEAM THICKNESS: 3'8" [56]

COVER THICKNESS: 70' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 236], [56: file no. 2112]

HAZARD POTENTIAL: low

REMARKS: Small mine [56].
In hollow west of Teegarden [47].
Mine map [1] shows 1 drift opening.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Elk Run, Sec. 22
QUADRANGLE(S): Elkton
UTM (CENTER OF MINE): 17 402,600 2,505,300
DIV MINES MAP NO: Ca-119 OGS MINE NO: _____ USBM DOCUMENT NO: 321516
MINE NAME: Groner [1]

OPERATOR(S): Beaver Valley Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1940 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 170' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft; rooms 20' wide;
ribs 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Elk Run, Sec. 15
 QUADRANGLE(S): Elkton
 UTM (CENTER OF MINE): 17 407,600 2,505,300
 DIV MINES MAP NO: Ca-120 OGS MINE NO: _____ USBM DOCUMENT NO: 321517
 MINE NAME: Morris or Brain [1]

OPERATOR(S): J. C. Brain [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1941 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [1]

SEAM ELEVATION: 1110' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 70' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 1 drift opening.
 Coal identified by referring to maps Ca-57 and Ca-75.
 This mine may have been excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Sec. 34
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): 17 346,750 2,455,500
 DIV MINES MAP NO: Ca-121 OGS MINE NO: _____ USBM DOCUMENT NO: 321416
 MINE NAME: Buxton [1]

OPERATOR(S): Mervin Buxton [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1941 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a

SEAM ELEVATION: 1080' (topo); 1085' [1]

SEAM THICKNESS: _____

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; area marked "worked out"; workings to "Old Carter mine abandoned"; rooms 25' wide; ribs 10' wide.
 Coal identified by referring to map C1-59.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Secs. 29, 30, 32

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 460,300 2,458,900

DIV MINES MAP NO: Ca-122 OGS MINE NO: _____ USBM DOCUMENT NO: 321434

MINE NAME: Brookwood [1]

OPERATOR(S): Callahan Mining Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1947 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5

SEAM ELEVATION: 1123' [56]; 1120' (topo)

SEAM THICKNESS: 2'6" [56]

COVER THICKNESS: 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [56: file no. 3778]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; area of old works; rooms 20'-60' wide; ribs 10'-20' wide; workings of Ca-10 and Ca-37. Connects with Ca-10 (Pine Hollow mine). On Brooks estate [56]. County mine No. Ca 34.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Secs. 30, 31

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 427,500 2,456,300

DIV MINES MAP NO: Ca-123 OGS MINE NO: _____ USBM DOCUMENT NO: 321383

MINE NAME: Callahan No. 3 [1]

OPERATOR(S): Callahan Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1943 [1]

TYPE OF MINE: slope and shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1184' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 51' at shaft opening [1]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: moderate and high

REMARKS: Mine map [1] shows: 1 shaft; 1 slope; rooms 30'-35' wide; ribs 10' wide.
This mine may have been partially excavated by strip mine.
County mine No. Ca 41.

According to Mrs. Dale L. Ritchie, Depot Rd., the shaft was filled and is located in the woods behind the Ritchie residence. Permission to enter onto the property for site examination was not granted. 10/29/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 30

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 428,700 2,458,100

DIV MINES MAP NO: Ca-124 OGS MINE NO: _____ USBM DOCUMENT NO: 321384

MINE NAME: Callahan [1]

OPERATOR(S): Callahan Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1935 [1]

TYPE OF MINE: drift and slope [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1160' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low and moderate

REMARKS: Mine map [1] shows: 1 drift opening; 1 slope; several areas marked "old workings caved"; rooms 25'-35' wide; ribs 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Wayne, Sec. 12
 QUADRANGLE(S): Gavers
 UTM (CENTER OF MINE): 17 382,500 2,482,850
 DIV MINES MAP NO: Ca-125 OGS MINE NO: _____ USBM DOCUMENT NO: 321395
 MINE NAME: Hall [1]

OPERATOR(S): M & L Coal Co.; C & H Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1949 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7

SEAM ELEVATION: 1020' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 60' max

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; old workings; rooms 30' wide;
 ribs 10' wide.
 Coal identified by referring to map Ca-98.
 This mine has been partially excavated by strip mine.
 County mine No. Ca 12.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Secs. 18, 19
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 439,000 2,520,000
 DIV MINES MAP NO: Ca-126 OGS MINE NO: _____ USBM DOCUMENT NO: 321491
 MINE NAME: Columbia [1]

OPERATOR(S): Columbia Coal & Power Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1913 [1] DATE ABANDONED OR LAST SURVEY: 1921 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 984' [1]; 1005' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 70' at shaft opening [1]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: high

REMARKS: Mine map [1] shows 1 shaft.

Unable to pinpoint the location of the shaft. Probably is in the vicinity of the gob pile and foundation remains located midway between Creek Rd and railroad line and opposite the 90° bend of a side street off of Creek Rd. 10/29/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Sec. 31
 QUADRANGLE(S): Elkton
 UTM (CENTER OF MINE): 17 427,200 2,517,700
 DIV MINES MAP NO: Ca-127; see also Ca-66 OGS MINE NO: _____ USBM DOCUMENT NO: 321522; see also 321454
 MINE NAME: Crook [1]

OPERATOR(S): Geo. W. Crook (1909-13, 1894) [2]

DATE OPENED OR EARLIEST SURVEY: 1909 [2] DATE ABANDONED OR LAST SURVEY: 1913 [2]; 1934 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1909), No. 3 (1912) [2]

SEAM ELEVATION: 1130'-1135' (topo)

SEAM THICKNESS: 3' (1909 [2])

COVER THICKNESS: 90' max

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Near Fairfield No. 3 mine at New Waterford (1909) [2].
 Mine map [1] shows: 1 air shaft; old workings to Ca-65; rooms 15' wide; ribs 10' wide.
 Connects to Ca-66 (Fairfield No. 3 mine); also shown on Ca-66.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Liverpool, Sec. 17
 QUADRANGLE(S): East Liverpool South
 UTM (CENTER OF MINE): 17 354,900 2,534,000
 DIV MINES MAP NO: Ca-128 OGS MINE NO: _____ USBM DOCUMENT NO: 321529
 MINE NAME: East Liverpool [1]

OPERATOR(S): East Liverpool Brick Manufacturing Co.; East Liverpool
 Brick Co. (1913) [2]

DATE OPENED OR EARLIEST SURVEY: 1913 [2] DATE ABANDONED OR LAST SURVEY: 1920 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay [1]

SEAM(S) OR BED(S) MINED: Clarion [47]

SEAM ELEVATION: 770' (topo)

SEAM THICKNESS: 9' aver., 8'-15' [48]; 7' (1914 [2])

COVER THICKNESS: 130' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 59], [48: p. 261]

HAZARD POTENTIAL: low

REMARKS: Chemical analysis [48].
 Annual reports [2] indicate: at E. Liverpool on the C & P RR (1913);
 Harry Orwell, Supt. (1913-14); Richard Davis, Mine Boss (1913);
 E. R. McDaniel, Mine Boss (1914).
 Mine map [1] shows: 2 drift openings; entries 10' wide; pillars
 10'-50' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Secs. 12, 13; Middleton, Sec. 7

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 412,600 2,515,800

DIV MINES MAP NO: Ca-129; see also Ca-14 OGS MINE NO: _____ USBM DOCUMENT NO: 321524; see also 321485

MINE NAME: Elk Run (1921); Quaker Valley (1912-14; 1887-1900) [2]

OPERATOR(S): Elkrun Coal Co. (1912-14); Sterling Coal Co. (1899-1900);

Quaker Valley Mining Co. (1892-98); Quaker Valley Coal Co. (1891); Ward & Davis (1899-90); Paulin Bros. & Co. (1888); Summers Coal Co. (1887-88) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 [2]; reopened 1901 [1]; 1912 [2] DATE ABANDONED OR LAST SURVEY: 1904 [2]; 1921 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1897 [2]); Upper Freeport No. 7 [47]

SEAM ELEVATION: 1060'-1070' (topo)

SEAM THICKNESS: 2'10"-3'6" (1897, 1912 [2]); 2'9" [47]

COVER THICKNESS: 180' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 239]

HAZARD POTENTIAL: low

REMARKS:

Annual reports [2] indicate: at Rogers on P, L & W RR (1913); 2nd opening (1892); idle 1900-1912; Supts.: J. H. Summer (1887-88), A. P. Van Fleet (1891), James Thompson (1892), J. M. Walters (1893), J. H. Streater (1894-98), John Hileman (1899-1900), W. B. Baysinger (1912), Wm. Weikart (1913-14); Mine Bosses: J. H. Summer (1887-88), Reese E. Davis (1891), Wm. Weikart (1891-1900).
Center of Sec. 12 Elk Run Twp., west of Rogers [47].
Mine map [1] shows: 2 drift openings; 1 air shaft. See Ca-14 for extensions of this mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Unity, Sec. 30
QUADRANGLE(S): East Palestine, Elkton
UTM (CENTER OF MINE): 17 430,200 2,519,000
DIV MINES MAP NO: Ca-130 OGS MINE NO: _____ USBM DOCUMENT NO: 321492
MINE NAME: Esterly [1]

OPERATOR(S): Esterly Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1959 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 (1959 [60]) UF

SEAM ELEVATION: 1170' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 30' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 2 drift openings.
This mine may have been excavated by strip mine.
County mine no. Ca 612.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 16

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-131 OGS MINE NO: _____ USBM DOCUMENT NO: 321494

MINE NAME: Cunningham [1]

OPERATOR(S): H. H. Esterly [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1941 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 1 drift opening.
Not located.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 14

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): 17 376,600 2,482,400

DIV MINES MAP NO: Ca-132 OGS MINE NO: _____ USBM DOCUMENT NO: 321396

MINE NAME: Evans (No. 2); Evans [1]

OPERATOR(S): Evans & Parnell [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1940 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 990' (topo); 984' [1]

SEAM THICKNESS: _____

COVER THICKNESS: 110' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; rooms 20-30' wide; ribs 10' wide. Connects with Ca-171 (Whitaker mine).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Elk Run, Sec. 28
 QUADRANGLE(S): Elkton, West Point
 UTM (CENTER OF MINE): 17 399,600 2,500,300
 DIV MINES MAP NO: Ca-133 OGS MINE NO: _____ USBM DOCUMENT NO: 321530
 MINE NAME: Eells [1]

OPERATOR(S): R. J. Apple; Eells Bros. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1942 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1100' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 100' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; 2 mined-out areas; several areas marked "old works inaccessible"; rooms 20-25' wide; ribs 10-15' wide.
 Coal identified by referring to map Ca-155.
 County mine No. Ca 30.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 24

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 357,100 2,500,200

DIV MINES MAP NO: Ca-134 OGS MINE NO: _____ USBM DOCUMENT NO: 321406

MINE NAME: Leatherberry [1]

OPERATOR(S): Fife Coal Co.; J. C. Leatherberry [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1935 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1050' (topo)

SEAM THICKNESS: 3'10" [47]

COVER THICKNESS: 110' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 264], [56: file no. 1840]

HAZARD POTENTIAL: low

REMARKS: Center of Sec. 24 Yellow Creek Twp. [47].
Mine map [1] shows: 3 drift openings; rooms 25' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 23

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 351,000 2,500,300

DIV MINES MAP NO: Ca-135; see also Ca-112 OGS MINE NO: _____ USBM DOCUMENT NO: 321473; see also 321469

MINE NAME: Grapevine [1]

OPERATOR(S): Grapevine Mining Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1949 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6

SEAM ELEVATION: 1070'-1080' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 50' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; rooms 20'-40' wide; ribs 10'-20' wide.
Ca-112 shows extensions of this mine.
Coal identified by referring to Ca-112.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 30

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): 17 395,700 2,424,800

DIV MINES MAP NO: Ca-136 OGS MINE NO: _____ USBM DOCUMENT NO: 321507

MINE NAME: Gray [1]

OPERATOR(S): Gray Bros. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1940 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1190' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 1 drift opening.
This mine partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Washington, Sec. 35
QUADRANGLE(S): Salineville
UTM (CENTER OF MINE): 17 350,900 2,457,300
DIV MINES MAP NO: Ca-137 OGS MINE NO: _____ USBM DOCUMENT NO: 321417
MINE NAME: Grove [1]

OPERATOR(S): J. S. Grove [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1919 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a

SEAM ELEVATION: 1030' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 80' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft; rooms 15'-30' wide;
ribs 10'-15' wide.
Coal identified by referring to map Ca-141.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 25

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): 17 397,000 2,420,000

DIV MINES MAP NO: Ca-138 OGS MINE NO: _____ USBM DOCUMENT NO: 321508

MINE NAME: Guthrie [1]

OPERATOR(S): A. W. Guthrie & Son [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1937 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1180' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; rooms 25' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 15

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 377,600 2,506,200

DIV MINES MAP NO: Ca-139 OGS MINE NO: _____ USBM DOCUMENT NO: 321337

MINE NAME: Powell [1]

OPERATOR(S): Hillcrest Coal Co. [1]; Hyland-Hall Coal Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1959 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [1], [47], [56]

SEAM ELEVATION: 1060' (topo); 1077' [1]

SEAM THICKNESS: 4' [47], [56]

COVER THICKNESS: 70' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 260], [56: file no. 6354], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 2 drift openings.
Shipping mine, capacity 100 tons/day [56].
This mine may have been partially excavated by strip mine.
County mine No. Ca 225.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Middleton, Sec. 14
QUADRANGLE(S): East Palestine
UTM (CENTER OF MINE): 17 411,800 2,539,700
DIV MINES MAP NO: Ca-140 OGS MINE NO: _____ USBM DOCUMENT NO: 321500
MINE NAME: Kirtley [1]

OPERATOR(S): Kirtley & Harvey Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1938 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1020' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft; rooms 25'-30' wide;
ribs 5'-10' wide.
County mine No. Ca 2.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington, Sec. 35
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): 17 350,800 2,455,800
 DIV MINES MAP NO: Ca-141 OGS MINE NO: _____ USBM DOCUMENT NO: 321418
 MINE NAME: Lafferty [1]; Frank Laferty [56]

OPERATOR(S): Frank Lafferty [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1919 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [47], [56]

SEAM ELEVATION: 1030' (topo)

SEAM THICKNESS: 3'2" [47]

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 309], [56: file no 6304]

HAZARD POTENTIAL: low

REMARKS: South of Riley Run [47].
 Wagon mine [56].
 Mine map [1] shows: 1 drift opening; 1 air shaft; rooms 25' wide;
 ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 31 (NE 1/4)

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): 17 394,700 2,423,500

DIV MINES MAP NO: Ca-142 OGS MINE NO: _____ USBM DOCUMENT NO: 321509

MINE NAME: Dorr [1]

OPERATOR(S): Lincoln Highway Mining Co.; S. P. Dorr & Sons [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1919 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1120' [47]; 1180' (topo)

SEAM THICKNESS: 4'6" [47]; 3'6"-5'0" [56]

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 233], [56: file no. 2126]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 3 drift openings; 1 air shaft; several mines indicated, all probably are partially excavated by strip mine; rooms 20' wide; ribs 5' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 449,300 2,473,500

DIV MINES MAP NO: Ca-143; see also Ca-165 OGS MINE NO: _____ USBM DOCUMENT NO: 321435; see also 321438

MINE NAME: Vender; Mahoning

OPERATOR(S): Mahoning Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1953 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1953 [60])

SEAM ELEVATION: 1035' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 55' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map shows: 2 drift openings; old works; rooms 30' wide; ribs 10' wide.
Connects with Ca-92 (Beaver Valley mine).
Ca-165 is an earlier map of the same mine.
County mine No. Ca 35.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 14

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): 17 377,800 2,479,200
 Ca-144; see 321397; see
 DIV MINES MAP NO: also Ca-103 OGS MINE NO: _____ USBM DOCUMENT NO: also 321394

MINE NAME: Marcum [1]

OPERATOR(S): Marcum Bros. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1952 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a (1951 [60])

SEAM ELEVATION: 960' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 180' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: This map shows extension for McKenzie mine (Ca-103).
 Mine map [1] shows: 2 drift openings; 1 air shaft; rooms 30' wide;
 ribs 7'-15' wide.
 County mine No. Ca 78.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Secs. 4, 9

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 416,800 2,466,200

DIV MINES MAP NO: Ca-145 OGS MINE NO: _____ USBM DOCUMENT NO: 321385

MINE NAME: Wolfe [1]

OPERATOR(S): Meek Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1950 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1949 [60])

SEAM ELEVATION: 1150'

SEAM THICKNESS: _____

COVER THICKNESS: 30' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift; 1 air shaft; area marked "old works";
rooms 25'-30' wide; ribs 10'-15' wide.
County mine No. Ca 27.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Madison, Secs. 14, 15
 QUADRANGLE(S): West Point
 UTM (CENTER OF MINE): 17 377,500 2,505,900
 DIV MINES MAP NO: Ca-146 OGS MINE NO: _____ USBM DOCUMENT NO: 321456
 MINE NAME: Lizzie No. 1 [56]

OPERATOR(S): Pennsylvania & Ohio Coal Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1922 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1060' (topo)

SEAM THICKNESS: 3'9" [47]

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 260], [56: file no. 6353]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; extensive area of unmapped workings; rooms 30' wide; pillars 10' wide.
 Shipping mine, capacity 220 tons/day; electrically equipped with cutting machines and later with power haulage [56].
 This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 17

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 378,300 2,495,300

DIV MINES MAP NO: Ca-147 OGS MINE NO: _____ USBM DOCUMENT NO: 321460

MINE NAME: Power Point [1]

OPERATOR(S): Power Point Coal Co. [1]; West Point Coal Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1953 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 950' (topo)

SEAM THICKNESS: 3'7" [56]

COVER THICKNESS: 230' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [56: file no. 2059]

HAZARD POTENTIAL: low

REMARKS: Near mouth of Peters Run [56].
Mine map [1] shows: 3 drift openings; rooms 25' wide; ribs 7'-10' wide.
Coal identified by referring to map Ca-91.
County mine No. Ca 6.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Knox, Sec. 12
 QUADRANGLE(S): Damascus
 UTM (CENTER OF MINE): 17 445,400 2,417,300
 DIV MINES MAP NO: Ca-148 OGS MINE NO: _____ USBM DOCUMENT NO: 321531
 MINE NAME: Peacock [1]; Fryfogle [56]

OPERATOR(S): Red Shaft Coal Co. [1]; O. H. & F. K. Fryfogle [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: shaft [47]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 1150' [47], 1143' (topo)

SEAM THICKNESS: 3'2" [47]

COVER THICKNESS: 52' at shaft opening [1]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 100], [56: file no. 2150]

HAZARD POTENTIAL: high

REMARKS: On Ervin Cobb's land [47].
 Mine map [1] shows: 1 shaft; area marked "old works inaccessible."

The approximate shaft location is about 850' east of Westville^{Lake} Rd. and due north of lane. According to Harold Denny, 1836 Westville Lake Rd., the shaft was filled about 40 years ago with available gob. A considerable amount of gob is lying about in the area. 11/4/80.DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 31

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): 17 393,700 2,426,700

DIV MINES MAP NO: Ca-149 OGS MINE NO: _____ USBM DOCUMENT NO: 321510

MINE NAME: Reeder [1]

OPERATOR(S): Reeder & Son Coal Co.; Sylvester Reeder [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1938 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: 1160'

SEAM THICKNESS: 3 1/2' [30]

COVER THICKNESS: 40' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [30: p. 105]

HAZARD POTENTIAL: low

REMARKS: By an old canal in Hanover [30].
Mine map [1] shows: 2 drift openings; 1 air shaft; area marked "old workings"; rooms 15' wide; ribs 5'-10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Secs. 3, 4

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 452,600 2,468,900

DIV MINES MAP NO: Ca-150; see also Ca-36, Ca-41 OGS MINE NO: _____ USBM DOCUMENT NO: 321436; see also 321424, 321427

MINE NAME: New Salem; Peerless (1913) [1]

OPERATOR(S): Salem Mining Co.; Card & Prosser Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1921 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 1055'-1065' (topo)

SEAM THICKNESS: 3'4" [47]

COVER THICKNESS: 245' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 103], [56: file no. 1717]

HAZARD POTENTIAL: low

REMARKS: The Peerless (Ca-36) was abandoned in 1913; reopened by the Salem Mining Co.
 Mine map [1] shows: 4 drift openings; 2 air shafts; 2 mines; rooms 25'-40' wide; ribs 10'-15' wide; extensions of Ca-36, Ca-41, and the Dunn mine.
 Electrically equipped mine with steam hoist [56].
 NW 1/4 Sec. 3 Salem Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 22

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 406,500 2,503,800

DIV MINES MAP NO: Ca-151 OGS MINE NO: _____ USBM DOCUMENT NO: 321523

MINE NAME: Pine Hollow [1]

OPERATOR(S): Pine Hollow Cooperative Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1941 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7?

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 150' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; 1 air shaft; area marked "old works"; rooms 20' wide; ribs 5'-10' wide.
Connects with Ca-97 (Padurean mine).
This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Secs. 4, 5, 8, 9

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 385,000 2,496,900

DIV MINES MAP NO: Ca-152; see also Ca-181 OGS MINE NO: _____ USBM DOCUMENT NO: 321461; see also 352660

MINE NAME: Rhea No. 1; Rhea (1913-14); Francis or West Point (1910-12);
West Point (1909) [2]

OPERATOR(S): Sege Fuel Co.; Kirk-Dunn Coal Co. (1913-14); West Point
Coal & Coke Co. (1909-13) [2]

DATE OPENED OR EARLIEST SURVEY: 1909 [2] DATE ABANDONED OR LAST SURVEY: 1914 [2]; 1924 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1909 [2]); Upper Freeport No. 7 [56]

SEAM ELEVATION: 911'-940' [1]; 920'-940' (topo)

SEAM THICKNESS: 4 1/2' (1909), 4 1/2 - 5' (1913) [2]; 3'8" [56]

COVER THICKNESS: 220' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [56: file nos. 1979, 6361, 11933]

HAZARD POTENTIAL: low

REMARKS:

Annual reports [2] indicate: at West Point on the Y & O RR (1909); machine mining (1911); J. L. Francis, Supt. (1909-11); Wm. S. Risher, Mine Boss (1909); Wm. Lewis, Mine Boss (1910); F. J. Elseser, Mine Boss (1911); D. V. Davis, Supt. (1912); E. S. Brennan, Mine Boss (1912); Wm. Dunn, Supt. (1913-14); Wm. Baysinger, Mine Boss (1913).

Seven mines underway, intend to put in switch; estimate capacity at 50 RR cars per day [56].

Mine map [1] shows: 3 drift openings; 2 air shafts; workings to Ca-166 (Hazel No. 2 mine); rooms 30'-35' wide; ribs 10'-15' wide.

Ca-181 shows extensions of this mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 9

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 384,200 2,501,200

DIV MINES MAP NO: Ca-153 OGS MINE NO: _____ USBM DOCUMENT NO: 321462

MINE NAME: Seger No. 3; No. 3 [1]

OPERATOR(S): Seger Fuel Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1922 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [47]

SEAM ELEVATION: 1060' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 100' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47:p. 305]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 2 drift openings.
This mine overlies Ca-166.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 22

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 437,100 2,471,800

DIV MINES MAP NO: Ca-154 OGS MINE NO: _____ USBM DOCUMENT NO: 321386

MINE NAME: Shepherd (No. 2); Shepherd [1]

OPERATOR(S): Shepherd Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1948 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 [1]

SEAM ELEVATION: 1020' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 50' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; 1 proposed air shaft; rooms 25'-30' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Elk Run, Sec. 28
 QUADRANGLE(S): Elkton, West Point
 UTM (CENTER OF MINE): 17 399,600 2,499,700
 DIV MINES MAP NO: Ca-155 OGS MINE NO: _____ USBM DOCUMENT NO: 321476
 MINE NAME: Barnes

OPERATOR(S): Barnes & Smith Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1095' (topo)

SEAM THICKNESS: 3'5" [47]

COVER THICKNESS: 45' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [47: p. 241]

HAZARD POTENTIAL: low

REMARKS: NE 1/4 Sec. 28 Elk Run Twp. on Emmerson Barnes' land; measured section [47].
 Mine map [1] shows: 1 drift opening; rooms 25' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 35

QUADRANGLE(S): Minerva

UTM (CENTER OF MINE): 17 391,300 2,415,100

DIV MINES MAP NO: Ca-156 OGS MINE NO: _____ USBM DOCUMENT NO: 321534

MINE NAME: L & S [1]

OPERATOR(S): Luston & Smith [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1937 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1110' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 80' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; old works; rooms 25' wide; ribs 10' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 15

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 442,800 2,473,600

DIV MINES MAP NO: Ca-157 OGS MINE NO: _____ USBM DOCUMENT NO: 321387

MINE NAME: Snyder [1]

OPERATOR(S): C. H. Snyder [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1930 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: high

REMARKS: Mine map [1] shows 1 shaft opening.

The shaft location is about 300' east of Lisbon Canfield Rd. on the property of Frank Molnar, 2166 Lisbon Canfield Rd. The site is marked by a rectangular depression 4x8' in area and less than 1' deep. A couple small gob piles are in the vicinity. 10/29/80, DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 22

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 404,400 2,535,050

DIV MINES MAP NO: Ca-158 OGS MINE NO: _____ USBM DOCUMENT NO: 321501

MINE NAME: Standard (No. 2); Standard [1]

OPERATOR(S): Standard Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1945 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 [1]

SEAM ELEVATION: 1030' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 150' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; rooms 20'-25' wide; ribs 10' wide.
County mine No. Ca 514.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 31

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 393,400 2,490,500

DIV MINES MAP NO: Ca-159 OGS MINE NO: _____ USBM DOCUMENT NO: 321477

MINE NAME: Strudthoff [1]

OPERATOR(S): E. A. Strudthoff [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1933 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1040' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 100' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft; rooms 15'-20' wide; ribs 5'-20' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 10

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 448,400 2,473,900

DIV MINES MAP NO: also Ca-92 OGS MINE NO: _____ USBM DOCUMENT NO: also 321431
Ca-160; see 321437; see

MINE NAME: Vignon [1]

OPERATOR(S): Valley Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1939 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1015' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 160' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift; old works; rooms 20' wide; ribs 10'-15' wide.
Ca-92 shows extensions of this mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 25

QUADRANGLE(S): Hanoverton

UTM (CENTER OF MINE): 17 399,250 2,420,200

DIV MINES MAP NO: Ca-161 OGS MINE NO: _____ USBM DOCUMENT NO: 321533

MINE NAME: West Columbiana [1]

OPERATOR(S): West Columbiana Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1937 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1260' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 50' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; 1 air shaft.
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Secs. 12, 13, 24

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-162 OGS MINE NO: _____ USBM DOCUMENT NO: 321502

MINE NAME: Clay & Coal Strip [1]

OPERATOR(S): West Darlington Clay Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1952 [1]

TYPE OF MINE: strip [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: unidentified

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: not evaluated

REMARKS: County mine No. Ca 505.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Middleton, Secs. 7, 18
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 413,000 2,520,100
 DIV MINES MAP NO: Ca-163 OGS MINE NO: _____ USBM DOCUMENT NO: 321512
 MINE NAME: Williams [1]

OPERATOR(S): D. H. Williams [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1934 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 70' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 2 drift openings; 1 air shaft; rooms 20'-25' wide; ribs 5'-10' wide.
 This mine may have been partially excavated by strip mine.
 Coal identified by referring to map Ca-129.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 25

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): 17 398,400 2,420,100

DIV MINES MAP NO: Ca-164 OGS MINE NO: _____ USBM DOCUMENT NO: 321511

MINE NAME: Schory [1]

OPERATOR(S): Wood Bros. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1941 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1200' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 60' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: This mine has been partially excavated by strip mine.
Mine map [1] shows: 1 drift opening; area marked "old works inaccessible."

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 449,300 2,473,500

DIV MINES MAP NO: Ca-165; see also Ca-143 OGS MINE NO: _____ USBM DOCUMENT NO: 321438; see also 321435

MINE NAME: Mahoning [1]

OPERATOR(S): Mahoning Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1943 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1035' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 55' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Ca-143 (Vender mine) shows extensions of this mine. See Ca-143 for remarks.
Mine map [1] shows: 2 drift openings; rooms 20'-25' wide; ribs 10'-15' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Secs. 9, 10

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 384,000 2,500,900

DIV MINES MAP NO: Ca-166; see also Ca-152 OGS MINE NO: _____ USBM DOCUMENT NO: 321478; see also 321461

MINE NAME: Hazel No. 2 [1]

OPERATOR(S): Seeger Fuel Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1924 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47], [56]

SEAM ELEVATION: 940'-980' (topo)

SEAM THICKNESS: No. 7: 3'5", No. 7a: 2'8" [56]

COVER THICKNESS: 240' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [47: p. 152], [56: file nos. 6361, 11655]

HAZARD POTENTIAL: low

REMARKS: No. 2 mine, capacity 150 tons/day; working both No. 7 and Mahoning coals; shipping mine, electrically equipped [56].
 Mine map [1] shows: 5 drift openings; 3 mined-out areas; rooms 35'-40' wide; ribs 10'-15' wide.
 Ca-152 shows workings of this mine.
 This mine underlies Ca-153.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 17

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 350,900 2,474,200

DIV MINES MAP NO: Ca-167 OGS MINE NO: _____ USBM DOCUMENT NO: 321419

MINE NAME: Plate [1]

OPERATOR(S): Plate Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1966 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6a [1]; Upper Freeport No. 7

SEAM ELEVATION: 846' [1]; 850' (topo)

SEAM THICKNESS: 2'9" (1966 [60])

COVER THICKNESS: 190' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 4 drift openings.
Coal identified by referring to map Ca-20.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: _____

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: no map for Ca-168 OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Secs. 5, 6
 QUADRANGLE(S): Wellsville, West Point
 UTM (CENTER OF MINE): 17 354,100 2,515,800
 DIV MINES MAP NO: Ca-169; see also Ca-174 OGS MINE NO: _____ USBM DOCUMENT NO: 321474; see also 321475
 MINE NAME: Champion No. 11; Champion Clay (1909-14); Champion (1904-05) [2]

OPERATOR(S): H. K. Porter Co., Inc.; McLain Fire Brick Co. (1913-14);
 Champion Brick Co. (1912, 1909); Champion Fire Brick Co. (1910-11); Champion
 Clay Co. (1904-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 [2]; 1955 [1] DATE ABANDONED OR LAST SURVEY: 1961 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: clay [1]

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 (1960 [60])

SEAM ELEVATION: 740'-760' (topo)

SEAM THICKNESS: 6' (1913 [2]); 8'6" [47]

COVER THICKNESS: 420' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [47: p. 84], [60]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: near Wellsville (1909) on the C & P RR (1912); C. R. McDaniel, Manager (1909-10); C. E. McDaniel, Manager (1911); H. H. Hine, Supt., Harold McKenzie, Mine Boss (1913-14); mining suspended 1911-12 (1913); completed 2nd opening (1914).
 1 mi NE of Wellsville [47].
 Mine map [1] shows: 4 drift openings; entries 20' wide; pillars 20'-80' wide.
 Workings of this mine are shown on Ca-174.
 County mine No. Ca 24.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Sec. 5

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 451,900 2,463,500

DIV MINES MAP NO: Ca-170 OGS MINE NO: _____ USBM DOCUMENT NO: 321525

MINE NAME: Greenamyer [1]

OPERATOR(S): New Salem Coal Co.; Howells & Ashman (1889-90) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 [2] DATE ABANDONED OR LAST SURVEY: 1940 [1]

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: 107' (1889 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: high

REMARKS: Retail shaft near Salem; John Howells, Supt., John Ashman, Mine Boss (1889) [2].
Mine map [1] shows: workings of this mine and Ca-30 and Ca-58; rooms 20'-40' wide; ribs 7'-15' wide.
Coal identified by referring to Ca-30.

Unable to locate. 10/28/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Secs. 13, 14

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): 17 375,900 2,481,400

DIV MINES MAP NO: Ca-171 OGS MINE NO: _____ USBM DOCUMENT NO: 321398

MINE NAME: Whitaker [1]

OPERATOR(S): Whitaker Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1971 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [1]

SEAM ELEVATION: 990'-1000' (topo)

SEAM THICKNESS: 3'6" (1970 [60])

COVER THICKNESS: 190' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 4 drift openings; rooms 30-35' wide; ribs 10'-15' wide.
Connects with Ca-132 (Evans No. 2).
County mine No. Ca 115.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Yellow Creek, Sec. 24
 QUADRANGLE(S): West Point
 UTM (CENTER OF MINE): 17 357,500 2,501,200
 DIV MINES MAP NO: Ca-172 OGS MINE NO: _____ USBM DOCUMENT NO: 321479
 MINE NAME: Black Ridge No. 2 [1]

OPERATOR(S): Black Ridge Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1966 [1]

TYPE OF MINE: drift & strip

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7

SEAM ELEVATION: 1090'-1100' (topo)

SEAM THICKNESS: 4'4" (1966 [60])

COVER THICKNESS: 50' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 3 drift openings; workings of Ca-134.
 Drift openings entered coal on highwall of strip mine.
 County mine No. Ca 710.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Middleton, Sec. 15
QUADRANGLE(S): East Palestine
UTM (CENTER OF MINE): 17 408,900 2,536,400
DIV MINES MAP NO: Ca-173 OGS MINE NO: _____ USBM DOCUMENT NO: 321513
MINE NAME: Standard (No. 3); Standard [1]

OPERATOR(S): Standard Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1961 [1] DATE ABANDONED OR LAST SURVEY: 1971 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [1] VF

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: 2'8" (1971 [60])

COVER THICKNESS: 110' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 3 drift openings; rooms 20'-25' wide; ribs 5'-15' wide.
County mine No. Ca 565.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Yellow Creek, Secs. 5, 6, 11
QUADRANGLE(S): Wellsville, West Point
UTM (CENTER OF MINE): 17 355,100 2,514,200
DIV MINES MAP NO: also Ca-169 OGS MINE NO: _____ USBM DOCUMENT NO: 321475; see also 321474
MINE NAME: Pleasant Valley No. 13

OPERATOR(S): H. K. Porter Co., Inc. [1]

DATE OPENED OR EARLIEST SURVEY: 1960 [1] DATE ABANDONED OR LAST SURVEY: 1972 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5

SEAM ELEVATION: 723'-772' [1]

SEAM THICKNESS: _____

COVER THICKNESS: 450' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: moderate

REMARKS: Mine map [1] shows: 2 slopes; workings to Ca-169; entries 20'-30' wide; pillars 10'-100' wide.
Coal identified by referring to Ca-169.
County mine No. Ca 305.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Madison, Secs. 18, 19, 30; Wayne, Secs. 13, 24
 QUADRANGLE(S): Gavers, West Point
 UTM (CENTER OF MINE): 17 373,800 2,485,700
 DIV MINES MAP NO: Ca-175 OGS MINE NO: _____ USBM DOCUMENT NO: _____
 MINE NAME: C & W No. 4

OPERATOR(S): C. & W. Mining Inc. [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1978 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [1]

SEAM ELEVATION: 1050'-1070' (topo)

SEAM THICKNESS: 3'5" (1977 [60])

COVER THICKNESS: 250' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [60]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 3 drift openings; drift openings are in highwall of former strip mine; limits of Ca-171; entries 15'-25' wide; pillars 20'-80' wide.
 County mine No. Ca 775.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 449,100 2,471,700

DIV MINES MAP NO: Ca-176 OGS MINE NO: _____ USBM DOCUMENT NO: 352670

MINE NAME: Jersey Ridge No. 4 (1895); Jersey Bridge No. 4 (1894) [2]

OPERATOR(S): Jersey Ridge Coal Co. (1895); Jersey Bridge Coal Co. (1894) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 [2] DATE ABANDONED OR LAST SURVEY: 1895 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 (1894 [2]); Middle Kittanning No. 6

SEAM ELEVATION: 1050' (topo)

SEAM THICKNESS: 3'4" - 2'5" [1]

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: near Jersey Ridge No. 3 (1894) (1 1/2 mi W Washingtonville); J. H. Thompson, Supt. & Mine Boss (1894-95).
Salem 7 1/2 quad, Salem Twp. Sec. 3 shows 2 drift mines at the same location - same mine?
Same as Jersey Bridge No. 1?
Mine map [1] shows: 3 drift openings; several drill hole locations with coal thicknesses and depths.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Unity, Sec. 36
 QUADRANGLE(S): East Palestine
 UTM (CENTER OF MINE): 17 428,500 2,543,700
 DIV MINES MAP NO: Ca-177; see also Ca-35 OGS MINE NO: _____ USBM DOCUMENT NO: 352647; see also 321448
 MINE NAME: Manilla [1]

OPERATOR(S): Manilla Coal Co. [1]

DATE OPENED OR EARLIEST SURVEY: 1899 [2] DATE ABANDONED OR LAST SURVEY: 1901 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Brush Creek or No. 7 [1]; Mahoning No. 7a

SEAM ELEVATION: 1120' (topo)

SEAM THICKNESS: 2'0" - 2'8" [1]

COVER THICKNESS: 40' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift; 2 air shafts; several areas marked "Fall";
 rooms 15'-25' wide; ribs 5'-10' wide.
 Employed 8 miners; A. W. Johnson, owner (1899) [2].
 See Ca-35 for extensions of this mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: Ca-178 OGS MINE NO: _____ USBM DOCUMENT NO: 352671

MINE NAME: Lewis [1]

OPERATOR(S): Thos. R. Lewis [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1894 [1]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 1 drift opening on the Lewis & Stouffer Farm,
formerly owned by Bilger.
Not located.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 32

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 422,800 2,463,800

DIV MINES MAP NO: Ca-179; see also Ca-13 OGS MINE NO: _____ USBM DOCUMENT NO: 352668; see also 321363

MINE NAME: Folts [1]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1897 [1]

TYPE OF MINE: slope and shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 or Upper Clarion Vein [1]; Lower Kittanning No. 5

SEAM ELEVATION: 970' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 30' at shaft opening [1]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: moderate and high

REMARKS: Mine map [1] shows 1 slope and 1 shaft.
See Ca-13 for extensions of this mine.
Coal identified by referring to Ca-13.

See Ca-13 for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 15

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 410,500 2,503,500

DIV MINES MAP NO: Ca-180 OGS MINE NO: _____ USBM DOCUMENT NO: 352658

MINE NAME: Elkton

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1895 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7

SEAM ELEVATION: 1100' - 1120' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows 6 drift openings.
Coal identified by referring to Ca-57.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Secs. 4, 5, 6, 7, 8, 9, 17

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 385,000 2,496,900

DIV MINES MAP NO: Ca-181; see also Ca-152 OGS MINE NO: _____ USBM DOCUMENT NO: 352660; see also 321461

MINE NAME: West Point

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1899 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [1]; Upper Freeport No. 7

SEAM ELEVATION: 920'-940' (topo)

SEAM THICKNESS: 3'2" - 4'7" [1]

COVER THICKNESS: 120' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 8 drift openings; 4 separate mined-out areas.
Ca-152 shows extensions of these mines.
Coal identified by referring to Ca-152.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 22

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 348,600 2,466,700

Ca-182; see
DIV MINES MAP NO: also Ca-52 OGS MINE NO: _____ USBM DOCUMENT NO: 352667

MINE NAME: _____

OPERATOR(S): Ohio & Pennsylvania Coal Co.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1898 [1]

TYPE OF MINE: drift [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 950' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 90' max.

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1]

HAZARD POTENTIAL: low

REMARKS: Mine map [1] shows: 1 drift opening; workings of Empire mine.
Ca-52 shows extensions of this mine.
Coal identified by referring to Ca-52.

DATA SHEETS FOR UNMAPPED AND
LOCATED ABANDONED UNDERGROUND MINES

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Knox, Sec. 12
 QUADRANGLE(S): Alliance
 UTM (CENTER OF MINE): 17 445,200 2,419,500
 DIV MINES MAP NO: _____ OGS MINE NO: 1 USBM DOCUMENT NO: _____
 MINE NAME: M. S. Stoffer [56]

OPERATOR(S): M. S. Stouffer & Sons (lessees) [9], [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'2" aver., 3-3 1/2' [47]; 3'0" [9]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [9: p. 55], [47: p. 100], [56: file no. 2149]

HAZARD POTENTIAL: not evaluated

REMARKS: Center of Sec. 12 Knox Twp. on Walter Ellyson's property [47].
 Proximate/ultimate analysis [9].
 Mine 1 1/2 mi SW of Damascus [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Knox, Sec. 11

QUADRANGLE(S): Damascus

UTM (CENTER OF MINE): 17 445,700 2,415,100

DIV MINES MAP NO: _____ OGS MINE NO: 2 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 1140' [56]; 1135' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 40' [47]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 100], [56: file no. 2151]

HAZARD POTENTIAL: high

REMARKS: On J. F. Stanley's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 1

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 450,300 2,480,700

DIV MINES MAP NO: _____ OGS MINE NO: 3 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5

SEAM ELEVATION: 1031' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 104' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 30]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1/2 mi N of High School on Washingtonville Rd. [57].
Well was probably drilled into the Leetonia No. 1 mine (Ca-72).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 12

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 448,800 2,481,750

DIV MINES MAP NO: _____ OGS MINE NO: 4 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 976' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 94' [57]

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57; file no. 31]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Sec. 29

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 464,200 2,458,950

DIV MINES MAP NO: _____ OGS MINE NO: 5 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: 1140' [56]

SEAM THICKNESS: _____

COVER THICKNESS: 100'

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3777]

HAZARD POTENTIAL: not evaluated

REMARKS: Small mine on the Allison farm just west of north-south road [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 1

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 450,100 2,482,900

DIV MINES MAP NO: _____ OGS MINE NO: 6 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): J. Fox & Howell Bros. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift?

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [56]

SEAM ELEVATION: 1020' [56]

SEAM THICKNESS: 2'9" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3784]

HAZARD POTENTIAL: low

REMARKS: Mine just east of the trestle of the abandoned Y & O RR [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 454,100 2,470,100

DIV MINES MAP NO: _____ OGS MINE NO: 7 USBM DOCUMENT NO: _____

MINE NAME: Libert [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3785]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 10 (NE 1/4)

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 448,500 2,473,100

DIV MINES MAP NO: _____ OGS MINE NO: 8 USBM DOCUMENT NO: _____

MINE NAME: Dickson

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft [56]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning [56]

SEAM ELEVATION: 1040' [56]; 1054' (topo)

SEAM THICKNESS: 2'4" [56]

COVER THICKNESS: 25'6" [56]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3788]

HAZARD POTENTIAL: high

REMARKS: On the E. A. Taylor farm [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Secs. 3, 10

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): 17 448,200 2,470,550

DIV MINES MAP NO: _____ OGS MINE NO: 9 USBM DOCUMENT NO: _____

MINE NAME: Floyd Brain [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [56]

SEAM ELEVATION: 1040' [56]

SEAM THICKNESS: 2'4" [56]

COVER THICKNESS: 60'

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3790]

HAZARD POTENTIAL: not evaluated

REMARKS: Mine located on west side of Middle Fork of Little Beaver Creek [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 1

QUADRANGLE(S): Columbiana

UTM (CENTER OF MINE): 17 454,200 2,485,700

DIV MINES MAP NO: _____ OGS MINE NO: 10 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5?

SEAM ELEVATION: 1005' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 115' [57]

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 149]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 36

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 426,650 2,543,450

DIV MINES MAP NO: _____ OGS MINE NO: 11 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1055' (topo)

SEAM THICKNESS: 15' [57]

COVER THICKNESS: 80' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 61]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1/2 mi off Ohio Rte. 170 on Jimtown Rd. [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 35

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 353,250 2,458,050

DIV MINES MAP NO: _____ OGS MINE NO: 12 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Walter Coal Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56], [47]; Mahoning No. 7a [47]

SEAM ELEVATION: _____

SEAM THICKNESS: Upper Freeport No. 7: 6'3 1/2" [47]; Mahoning No. 7a: 3'8"-4'0" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 272, 309], [56: file nos. 6302, 11935]

HAZARD POTENTIAL: not evaluated

REMARKS: North of Riley Run [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 34

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 426,050 2,537,400

DIV MINES MAP NO: _____ OGS MINE NO: 13 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [56]

SEAM ELEVATION: 1'9" [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1788]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 32 (SW 1/4)

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): 17 425,750 2,523,400

DIV MINES MAP NO: _____ OGS MINE NO: 14 USBM DOCUMENT NO: _____

MINE NAME: James Morris [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1100' [56]

SEAM THICKNESS: 2'5" [47]; 2'4" - 2'8" [56]

COVER THICKNESS: 40'

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 243], [56: file no. 1795]

HAZARD POTENTIAL: not evaluated

REMARKS: Production of 8 tons/day; employed 3 men; on east bank of Turkey Run [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 31

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 427,600 2,518,000

DIV MINES MAP NO: _____ OGS MINE NO: 15 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1130' (topo)

SEAM THICKNESS: 3' [57]

COVER THICKNESS: 70' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 69]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1 mi E of East Fairfield on Ohio Rte. 558 [57].
This well may have been drilled into Ca-66.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Fairfield, Sec. 36

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 426,200 2,514,200

DIV MINES MAP NO: _____ OGS MINE NO: 16 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1154' (topo)

SEAM THICKNESS: 2'0" [57]

COVER THICKNESS: 56' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 102]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1/4 mi W of Ohio Rte. 7 on Ohio Rtes. 517 & 558 [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Fairfield, Sec. 25

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 428,750 2,514,900

DIV MINES MAP NO: _____ OGS MINE NO: 17 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal [57]

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1171' (topo)

SEAM THICKNESS: 6' [57]

COVER THICKNESS: 94' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 13]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1/2 mi N of East Fairfield on Ohio Rte. 7 [57].
This well may have been drilled into Ca-65.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 427,500 2,515,800

DIV MINES MAP NO: _____ OGS MINE NO: 18 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1167' (topo)

SEAM THICKNESS: 6' [57]

COVER THICKNESS: 88' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA

(SEE NUMBERED REFERENCE LIST): [57: file no. 132]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1/8 mi N of East Fairfield on Ohio Rte. 7 [57].
This well may have been drilled into Ca-65.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 19

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 405,800 2,489,450

DIV MINES MAP NO: _____ OGS MINE NO: 19 USBM DOCUMENT NO: _____

MINE NAME: Perkins Bros. [56]

OPERATOR(S): Perkins Bros. [48]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47], [48]

SEAM ELEVATION: _____

SEAM THICKNESS: coal: 2'9" [48]; clay: 7' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 337], [48: p. 108], [56: file nos. 1678, 5627]

HAZARD POTENTIAL: not evaluated

REMARKS: Capacity 50 tons/day; clay is used for furnaces and foundry purposes [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 6 (SW 1/4)

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): 17 419,250 2,517,400

DIV MINES MAP NO: _____ OGS MINE NO: 20 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1110' [47]

SEAM THICKNESS: 2'8" aver., 2'3" - 2'10" [47]

COVER THICKNESS: 40'

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 246], [57: file no. 1930]

HAZARD POTENTIAL: not evaluated

REMARKS: On the Luke property [47].
Local mine north of Rogers [56].
This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 15

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 410,300 2,473,150

DIV MINES MAP NO: _____ OGS MINE NO: 21 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 932' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 138' [57]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 37]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 0.2 mi W of Logtown Rd. [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 9

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 416,100 2,466,600

DIV MINES MAP NO: _____ OGS MINE NO: 22 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1000' (topo)

SEAM THICKNESS: 5' [57]

COVER THICKNESS: 50' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 46]

HAZARD POTENTIAL: not evaluated

REMARKS: This well may have been drilled into Ca-145.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 28

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 428,300 2,468,550

DIV MINES MAP NO: _____ OGS MINE NO: 23 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1103' (topo)

SEAM THICKNESS: 7' [57]

COVER THICKNESS: 97' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 126]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1/2 mi S of Ohio Rte. 344 on Ohio Rte. 45 [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 18

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 410,450 2,455,400

DIV MINES MAP NO: _____ OGS MINE NO: 24 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7

SEAM ELEVATION: 1157' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 113' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 138]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 2 mi SE of Guilford Lake [57].
This well may have been drilled into Ca-113.
Coal identified by referring to map Ca-56.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Center, Sec. 9 (SE 1/4)
QUADRANGLE(S): Lisbon
UTM (CENTER OF MINE): 17 412,300 2,468,300
DIV MINES MAP NO: _____ OGS MINE NO: 25 USBM DOCUMENT NO: _____
MINE NAME: _____

OPERATOR(S): Beaver Coal and Clay Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'3" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [9: p. 56], [56: file no. 11823]

HAZARD POTENTIAL: not evaluated

REMARKS: Proximate/ultimate analysis [9].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 29 (SE 1/4)

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 429,300 2,463,450

DIV MINES MAP NO: _____ OGS MINE NO: 26 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3798]

HAZARD POTENTIAL: not evaluated

REMARKS: Two openings in ravine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 29 (NW 1/4)

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 428,500 2,461,250

DIV MINES MAP NO: _____ OGS MINE NO: 27 USBM DOCUMENT NO: _____

MINE NAME: C. W. Barnes [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3799]

HAZARD POTENTIAL: not evaluated

REMARKS: This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 17

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): 17 442,200 2,463,400

DIV MINES MAP NO: _____ OGS MINE NO: 28 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'9" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 9010]

HAZARD POTENTIAL: not evaluated

REMARKS: This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 23

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): 17 404,800 2,414,050

DIV MINES MAP NO: _____ OGS MINE NO: 29 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1120' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 48' [57]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 80]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 35 (SE 1/4)

QUADRANGLE(S): Minerva

UTM (CENTER OF MINE): 17 391,000 2,415,650

DIV MINES MAP NO: _____ OGS MINE NO: 30 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): C. A. Johnson [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift?

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1130' [47]

SEAM THICKNESS: 4'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 232], [56: file nos. 2048, 11930]

HAZARD POTENTIAL: low

REMARKS: On John Brogan's land [47].
Wagon mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 36

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): 17 356,550 2,456,550

DIV MINES MAP NO: _____ OGS MINE NO: 31 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: 1051' (topo)

SEAM ELEVATION: 4' [57]

SEAM THICKNESS: 189' [57]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 65]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located 1/2 mi N of Salineville on Ohio Rte. 9 [57].
This well may have been drilled into Ca-62.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 29

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 398,500 2,494,600

DIV MINES MAP NO: _____ OGS MINE NO: 32 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 241], [56: file no. 1948], [63]

HAZARD POTENTIAL: not evaluated

REMARKS: On T. H. Cannon's property [56].
M. Canon's property, Sec. 29 [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 18

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): 17 358,800 2,503,850

DIV MINES MAP NO: _____ OGS MINE NO: 33 USBM DOCUMENT NO: _____

MINE NAME: Smith (No. 1); Smith [17]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [17]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'2 3/4" [17]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 193, 205], [56: file no. 11934]

HAZARD POTENTIAL: not evaluated

REMARKS: 3 mi NW of Wellsville; proximate/ultimate analysis [17].
Mrs. E. Smith property, Sec. 18 Yellow Creek Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Madison, Sec. 23
 QUADRANGLE(S): West Point
 UTM (CENTER OF MINE): 17 371,200 2,510,350
 DIV MINES MAP NO: _____ OGS MINE NO: 34 USBM DOCUMENT NO: _____
 MINE NAME: _____

OPERATOR(S): Round Knob Coal Co. (1910-12) [2]

DATE OPENED OR EARLIEST SURVEY: 1910 DATE ABANDONED OR LAST SURVEY: 1912

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1910 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1910 [2]); 2'8"-4' [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [56: file no. 12936]

HAZARD POTENTIAL: low

REMARKS: 5 mi S of West Point on the C & P RR; F. J. Francis, Supt. & Mine Boss (1910) [2].
 Mine opened about two years; employed 4 men; average thickness almost 3' according to J. H. Anderson, the man in charge; coal used to supply locomotive [56].
 This mine may have been partially excavated by strip mine.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Sec. 24

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 358,200 2,532,100

DIV MINES MAP NO: _____ OGS MINE NO: 35 USBM DOCUMENT NO: _____

MINE NAME: Malone [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [17]

SEAM ELEVATION: _____

SEAM THICKNESS: 1'11" [17]; 1'10 3/8" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49, 202], [56: file no. 11826]

HAZARD POTENTIAL: not evaluated

REMARKS: 1/2 mi N of East Liverpool; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 23

QUADRANGLE(S): Fast Liverpool North

UTM (CENTER OF MINE): 17 374,000 2,540,450

DIV MINES MAP NO: _____ OGS MINE NO: 36 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): James Plankton [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift?

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 895' [56]

SEAM THICKNESS: coal: 2'6" [47], 2'2" [9]; clay: 6'9" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [9: p. 56], [47: p. 79, 113], [56: file nos.1929,11824]

HAZARD POTENTIAL: low

REMARKS: Proximate/ultimate analysis [9].
In hollow west of Grimms Bridge; south of road [47].
Wagon mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 24

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 362,550 2,544,650

DIV MINES MAP NO: _____ OGS MINE NO: 37 USBM DOCUMENT NO: _____

MINE NAME: Smith (No. 2); Smith [17]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [17]; Lower Kittanning No. 5 [47], [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'5 1/4" [17], [56]; 2'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49, 203], [47: p. 114], [56: file no. 11825]

HAZARD POTENTIAL: not evaluated

REMARKS: 4 mi NE of East Liverpool [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Sec. 36

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 361,700 2,549,100

DIV MINES MAP NO: _____ OGS MINE NO: 38 USBM DOCUMENT NO: _____

MINE NAME: Duck [17], [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [17]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'2" [17], [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49, 200], [56: file no. 11844]

HAZARD POTENTIAL: not evaluated

REMARKS: 3 1/2 mi NE of East Liverpool on Smith Ferry Rd.; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Sec. 36

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 361,450 2,545,300

DIV MINES MAP NO: _____ OGS MINE NO: 39 USBM DOCUMENT NO: _____

MINE NAME: Delaney [17], [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [17]

SEAM ELEVATION: _____

SEAM THICKNESS: 1'11" [17], [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49,200], [47: p. 163], [56: file no. 11845]

HAZARD POTENTIAL: not evaluated

REMARKS: 3 mi NE from East Liverpool on Smith Ferry Rd.; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Sec. 35

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 363,500 2,544,000

DIV MINES MAP NO: _____ OGS MINE NO: 40 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): W. J. Blackford [10], [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [10]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'2" [10], [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [10: p. 247], [56: file no. 11846]

HAZARD POTENTIAL: not evaluated

REMARKS: At the mouth of Dry Run; proximate/ultimate analysis [10].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Sec. 33

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 362,200 2,531,100

DIV MINES MAP NO: _____ OGS MINE NO: 41 USBM DOCUMENT NO: _____

MINE NAME: Johnson [17], [47]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [17]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'3" [17]; 2'1 3/4" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49, 201], [47: p. 164], [56: file no.11847]

HAZARD POTENTIAL: not evaluated

REMARKS: 1 1/2 mi N of East Liverpool [47].
Proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: St. Clair, Sec. 28 (SW 1/4)
QUADRANGLE(S): East Liverpool North
UTM (CENTER OF MINE): 17 366,750 2,530,200
DIV MINES MAP NO: _____ OGS MINE NO: 42 USBM DOCUMENT NO: _____
MINE NAME: Kinsey [47], [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [47], [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'6 3/4" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49, 202], [47: p. 207],[56:file no. 11918]

HAZARD POTENTIAL: not evaluated

REMARKS: Along California Hollow [47].
2 1/2 mi N of East Liverpool; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 23 (SE 1/4)

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): 17 362,300 2,543,200

DIV MINES MAP NO: _____ OGS MINE NO: 43 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [17]; Upper Freeport No. 7 [47],[56]

SEAM ELEVATION: _____

SEAM THICKNESS: 42 1/2" [17]; 3'6 1/2" [47], [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49, 203], [47: p. 252], [56: file no. 11931]

HAZARD POTENTIAL: not evaluated

REMARKS: On A. L. Moore's land [47]. 3 1/2 mi NE of East Liverpool; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: St. Clair, Sec. 28
QUADRANGLE(S): East Liverpool North
UTM (CENTER OF MINE): 17 369,150 2,530,900
DIV MINES MAP NO: _____ OGS MINE NO: 44 USBM DOCUMENT NO: _____
MINE NAME: Gaston [17], [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [17], [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3' 1/4" [17]; 2'10 1/2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 49, 201], [47: p. 253], [56: file no. 11932]

HAZARD POTENTIAL: not evaluated

REMARKS: 2 3/4 mi NE of East Liverpool; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 23

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 351,650 2,500,450

DIV MINES MAP NO: _____ OGS MINE NO: 45 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1085' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 55' - 65' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file nos. 20, 55]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located in Frishkorn Allotment 2 mi W of Wellsville on Ohio Rte. 39; 0.1 mi E of Ohio Rte. 39 on Twp. Rd. 218 (Frischkorn Heights) [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 23

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 350,850 2,500,200

DIV MINES MAP NO: _____ OGS MINE NO: 46 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1082' (topo)

SEAM THICKNESS: 5' [57]

COVER THICKNESS: 58' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57; file no. 80]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located at jct. of Ohio Rte. 39 and 10th St. Exit [57].
This well may have been drilled into Ca-112.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 23

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 349,850 2,500,300

DIV MINES MAP NO: _____ OGS MINE NO: 47 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: coal [57]

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 25' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA

(SEE NUMBERED REFERENCE LIST): [57: file no. 56]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located on Ohio Rte. 39 0.4 mi S of intersection with Co. Rd. 418 [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 15 (NE 1/4)

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 342,500 2,506,400

DIV MINES MAP NO: _____ OGS MINE NO: 48 USBM DOCUMENT NO: _____

MINE NAME: Dangelo [17], [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [47], [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3' 5 1/8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 50, 204], [47: p. 308], [56: file no.11656]

HAZARD POTENTIAL: not evaluated

REMARKS: In Wellsville; proximate/ultimate analysis [17].
This mine overlies Ca-116.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Yellow Creek, Sec. 5
QUADRANGLE(S): Wellsville
UTM (CENTER OF MINE): 17 352,700 2,515,650
DIV MINES MAP NO: _____ OGS MINE NO: 49 USBM DOCUMENT NO: _____
MINE NAME: Ainsworth [17], [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift?

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [17], [56]

SEAM ELEVATION: 780' (topo)

SEAM THICKNESS: 1'11 3/4" [17], [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 50, 204], [56: file no. 11827]

HAZARD POTENTIAL: low

REMARKS: Proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Yellow Creek, Sec. 9
QUADRANGLE(S): Wellsville
UTM (CENTER OF MINE): 17 339,850 2,508,550
DIV MINES MAP NO: _____ OGS MINE NO: 50 USBM DOCUMENT NO: _____
MINE NAME: _____

OPERATOR(S): Wooster Fire Clay Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [17], [47]

SEAM ELEVATION: _____

SEAM THICKNESS: coal: 29" [17]; 1'10" - 2'5" [47]; clay: 13'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 50, 206], [47: p. 118, 340], [56: file no. 11828]

HAZARD POTENTIAL: not evaluated

REMARKS: South of Wellsville [47].
Sec. 9; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 5

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 354,200 2,516,600

DIV MINES MAP NO: _____ OGS MINE NO: 51 USBM DOCUMENT NO: _____

MINE NAME: Sheckler [17], [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'2 1/4" [17]; 1'9 1/2" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 50, 205], [56: file no. 11919]

HAZARD POTENTIAL: not evaluated

REMARKS: Proximate/ultimate analysis [17].
This mine overlies Ca-169.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 11

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): 17 354,000 2,511,300

DIV MINES MAP NO: _____ OGS MINE NO: 52 USBM DOCUMENT NO: _____

MINE NAME: Householder [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [17]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'1/4" [17]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 50, 205], [56: file no. 12097]

HAZARD POTENTIAL: not evaluated

REMARKS: 1 1/4 mi NW of Wellsville; proximate/ultimate analysis [17].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Washington, Sec. 36
QUADRANGLE(S): Gavers
UTM (CENTER OF MINE): 17 356,600 2,457,700
DIV MINES MAP NO: _____ OGS MINE NO: 53 USBM DOCUMENT NO: _____
MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal [57]

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1042' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 188' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 2]

HAZARD POTENTIAL: not evaluated

REMARKS: On Cemetery Hill in Salineville [57].
This well may have been drilled into workings of the Foster
mine not shown on Ca-62.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 35

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 352,300 2,458,500

DIV MINES MAP NO: _____ OGS MINE NO: 54 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 892' (topo)

SEAM THICKNESS: 6' [57]

COVER THICKNESS: 48' [57]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 719]

HAZARD POTENTIAL: not evaluated

REMARKS: 1/8 mi W of Salineville on Ohio Rte. 164 [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 347,500 2,461,100

DIV MINES MAP NO: _____ OGS MINE NO: 55 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 1091' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 199' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 26]

HAZARD POTENTIAL: not evaluated

REMARKS: West of Salineville on Ohio Rte. 164 [57].
This well may have been drilled into Ca-39.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 29

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 351,800 2,461,400

DIV MINES MAP NO: _____ OGS MINE NO: 56 USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal [57]

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: 862' (topo)

SEAM THICKNESS: 3' [57]

COVER THICKNESS: 188' [57]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 32]

HAZARD POTENTIAL: not evaluated

REMARKS: 1/2 mi from Salineville on Ohio Rte. 164 [57].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 35

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): 17 351,800 2,460,300

DIV MINES MAP NO: _____ OGS MINE NO: 57 USBM DOCUMENT NO: _____

MINE NAME: J. Crumley [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: clay [56]

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [56]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 10417]

HAZARD POTENTIAL: not evaluated

REMARKS: "This [measured] section shows a thinning from intervals found at river. Rogers—No. 7 interval less considerable, also No.7—No. 7a and No. 7—Brush Creek. Last is only 94' here while at River it is about 115'. Apparently the clay used here is at horizon of coal worked at Round Knob up near Glasgow. Coal also seen in cut about two miles NE of here [56]."

DATA SHEETS FOR UNMAPPED AND
UNLOCATED ABANDONED UNDERGROUND MINES

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: American (1891-94) [2]

OPERATOR(S): Keystone Fire Clay Co. (1892-94); Incline Brick Co. (1891) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: 1894

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: new drift near New Lisbon (1891) on the NY, P & O Ry (1892); Geo. Armstrong, Supt. (1891); John Gilled, Mine Boss (1891-94); Fred Pritchard, Supt. (1892-94); 2 mi N of New Lisbon.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 10

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Bowser

OPERATOR(S): James Bowser [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 107, 142]

HAZARD POTENTIAL: _____

REMARKS: SE 1/4 Sec. 10 Center Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: C & P Clay (1914); Card & Prosser Clay (1908-13); Prosser
Clay (1906-07); Prosser No. 5 (1905)

OPERATOR(S): Card & Prosser Coal Co. (1905-14)

DATE OPENED OR EARLIEST SURVEY: 1905 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: shaft

COMMODITY MINED: clay & coal (1907 [2])

SEAM(S) OR BED(S) MINED: No. 3 (1906 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: clay: 6' (1906 [2]); coal: 2 1/2' (1907 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Lisbon on the Erie RR (1907); Thos. Prosser, Supt. (1907-14); D. R. Lewis, Mine Boss (1907); John Suffill, Mine Boss (1910); Wm. Lewis, Mine Boss (1911); Edw. Perkins, Mine Boss (1912-14); shaft 30' deep (1906, 1914); 60' deep (1912).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Canal

OPERATOR(S): H. C. Stoffer (1891-92) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: 1892

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: New mine at New Lisbon; shaft 16' deep (1891); abandoned (1892) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Emma (1890-95); No. 1 or Upper Clay Drift (1889) [2]

OPERATOR(S): U.S. Fire Clay Co. (1889-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: near New Lisbon on the P, M & C RR (1890); Alex. Conner, Supt. (1889-90); Dan Walls, Mine Boss (1889-95); already an old mine (1889); air shaft completed (1891); David Porter, Supt. (1891); A. Conners, Supt. (1892); W. D. Bristol, Supt. (1893-95); completed 2nd opening (1894); identical management to Vulcan mine, different owners.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center Twp.

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Excelsior

OPERATOR(S): Excelsior Fire Clay Co. [47], [48]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: Lower Kittanning [48]

SEAM ELEVATION: _____

SEAM THICKNESS: coal: 2'; clay: 7' aver., 4-11' [48]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 74], [48: p. 334]

HAZARD POTENTIAL: _____

REMARKS: Chemical analysis; at Lisbon [48].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Fire Clay

OPERATOR(S): Saratoga Fire Clay Co. [47], [48]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft [47]

COMMODITY MINED: clay & coal

SEAM(S) OR BED(S) MINED: Lower Kittanning [47], [48]

SEAM ELEVATION: _____

SEAM THICKNESS: 7' aver. [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 75], [48: p. 335]

HAZARD POTENTIAL: _____

REMARKS: At Lisbon [47], [48].
Just west of the Excelsior Fire Clay Co. mine [48].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Little Beaver (1891-92); Little Beaver Creek (1890);
McKee (1889) [2]

OPERATOR(S): Little Beaver Creek Co. (1890-92); George McKee (1889) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1892

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: retail shaft near New Lisbon (1889);
George McKee, Mine Boss (1889); Wm. Dunn, Supt. & Mine Boss (1891-92);
abandoned (1892).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Maple (1889-92) [2]

OPERATOR(S): Joseph Taylor (1889-92) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1892

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: retail mine near New Lisbon (1889); Joseph Taylor, Mine Boss (1889-92); connected to an old mine (1889).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ohio Sewer Pipe

OPERATOR(S): Ohio Sewer Pipe Co. (1900, 1890) [2]

DATE OPENED OR EARLIEST SURVEY: 1884 DATE ABANDONED OR LAST SURVEY: 1911

TYPE OF MINE: _____

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [47: p. 75]

HAZARD POTENTIAL: _____

REMARKS: East of Lisbon; plant operated from 1884 until it burned down in 1911 [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 9

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Peach Hill [47]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 142]

HAZARD POTENTIAL: _____

REMARKS: Near Logtown [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Reed (1912-14) [2]

OPERATOR(S): Lewis & Evans (1912-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1912 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1912 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3'3" (1912 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Domestic mine 1 mi W of Lisbon; Thos. Evans, Supt., Wm. Lewis, Mine Boss (1912-14) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Rich Hill [47]

OPERATOR(S): Cooper & Davidson (lessees) [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3' aver., 2'3"-3'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 106]

HAZARD POTENTIAL: _____

REMARKS: Near Logtown [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Scally (1892); Scully (1891) [2]

OPERATOR(S): Mike Scally (1892); Michael Scully (1891) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: 1892

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: new mine near New Lisbon (1891); connected with old Beaver Creek mine (which was abandoned in 1889) (1891); near the Cement mine (1892); mining suspended (1892).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Vulcan (1890-95); No. 2 or Lower Clay Drift (1889) [2]

OPERATOR(S): Ohio Sewer Pipe Co. (1889-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: near New Lisbon on the P & M RR (1890); Alex. Conner, Supt. (1889-90); Dan Walls, Mine Boss (1889-95); David Porter, Supt. (1891); A. Conners, Supt. (1892); W. D. Bristol, Supt. (1893-95); idle for two years (1895).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Walker (1909) [2]

OPERATOR(S): American Sewer Pipe Co. (1909) [2]

DATE OPENED OR EARLIEST SURVEY: 1909 DATE ABANDONED OR LAST SURVEY: 1909

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Near Lisbon; Geo Freeman, Supt., Chas. McCaskey, Mine Boss (1909) [2].
Same mine as American No. 36?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Warner

OPERATOR(S): J. B. Warner (1892-93) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 DATE ABANDONED OR LAST SURVEY: 1893

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: New shaft at New Lisbon; Ed Hardy, Mine Boss (1892); abandoned (1893) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 10

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5

SEAM ELEVATION: 990' [56]

SEAM THICKNESS: 2'5" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1690]

HAZARD POTENTIAL: _____

REMARKS: On James Brown property; local mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 23

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Lisbon Lime Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [56]

SEAM ELEVATION: 1011' [56]

SEAM THICKNESS: 1'8" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1691]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 1

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): E. R. Riddle [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1120' [56]

SEAM THICKNESS: 3'6"-5'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1926]

HAZARD POTENTIAL: _____

REMARKS: Wagon mine for local use [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Secs. 19, 20

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1110' [47]

SEAM THICKNESS: 2'6" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47; p. 238], [56: file no. 2108], [63]

HAZARD POTENTIAL: _____

REMARKS: SE 1/4 Sec. 19 & SW 1/4 Sec. 20 Center Twp. on James Frantz's land
[47] [63].
Several abandoned mines along hollow to the south [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 33 (SE 1/4)

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1070' [47]

SEAM THICKNESS: 2'6" aver., 2'4"-2'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 238], [56: file no. 2103]

HAZARD POTENTIAL: _____

REMARKS: On Charles Ruhl's land [47].
Small mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 27

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1100' [56]

SEAM THICKNESS: 2'2"-2'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2105]

HAZARD POTENTIAL: _____

REMARKS: Several small mines in this locality [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 34

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1080' [56]

SEAM THICKNESS: 2'4" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 237], [56: file no. 2106]

HAZARD POTENTIAL: _____

REMARKS: On the Frank H. Ellis property [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Center, Sec. 29 (SW 1/4)

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1090' [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2109]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 22

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Armstrong

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'9" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 239], [63]

HAZARD POTENTIAL: _____

REMARKS: Mined for local use on the A. Armstrong property [47], [63].
In south central part of Sec. 22 Elk Run Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 17

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Baker

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift [47]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning [47]

SEAM ELEVATION: 2'9" [47]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 108], [63]

HAZARD POTENTIAL: _____

REMARKS: On the property of M. R. Baker [47], [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 16

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Barton

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 161]

HAZARD POTENTIAL: _____

REMARKS: 1/4 mi W of Newhouse on Barton property [47].
Mary J. Barton property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 9

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Bushong

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 1'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 110],[63]

HAZARD POTENTIAL: _____

REMARKS: Mine on Mrs. Dan Bushong's property [47], [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 8

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Crow [47]

OPERATOR(S): J. F. Crow & Son [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning [48]

SEAM ELEVATION: _____

SEAM THICKNESS: 7' [48]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 108], [48: p. 337]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 19

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Crow [47]

OPERATOR(S): J. F. Crow & Son [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3' aver., 1'6"-4' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 108]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Davis

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning [47]

SEAM ELEVATION: 920' [47]

SEAM THICKNESS: 2'6" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 109]

HAZARD POTENTIAL: _____

REMARKS: In Elk Run Twp. near the Pine Hollow schoolhouse on G. V. Davis' property [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 33

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Firestone

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 302], [63]

HAZARD POTENTIAL: _____

REMARKS: S 1/2 Sec. 33 Elk Run Twp. on Solomon Firestone's land [47].
Firestone & Nichols property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 18

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Robert Patterson [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]; Mahoning No. 7a [56]

SEAM ELEVATION: 1130'

SEAM THICKNESS: 3'9" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 241], [56: file no. 1944]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Saratoga No. 1 (1893-94); Saratoga Drift (1891-92) [2]

OPERATOR(S): Card & Prosser (1892-94); Saratoga Gas & Steam Co. (1891) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: 1894

TYPE OF MINE: drift

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: No. 5 (1891 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' (1891 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual report [2] indicate: retail mine near New Lisbon (1891); 2 mi E (1894); Thos. Prosser, Supt., David R. Lewis, Mine Boss (1891); Thos. Prosser, Supt & Mine Boss (1892-93); Thos Prosser, Supt., Henry Prosser, Mine Boss (1894); drawing pillars & abandoned (1894).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbia

TWP, SEC, LOT: Elk Run, Sec. 23

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Stokesberry

OPERATOR(S): W. F. Stokesberry & Son [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1080' [47]

SEAM THICKNESS: 2'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 239], [63]

HAZARD POTENTIAL: _____

REMARKS: Center of Sec. 23 Elk Run Twp. on Pine Run [47].
J. Stokesberry property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 25

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Wilson

OPERATOR(S): John Wilson (1900) [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1046' [47]

SEAM THICKNESS: 2'10" aver., 2'8"-3'0" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 239], [63]

HAZARD POTENTIAL: _____

REMARKS: East central part of Sec. 25 Elk Run Twp., south of road on
John Wilson's land [47].
A. Wilson property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 9

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal [56]

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: 985' [56]

SEAM THICKNESS: 1'8" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1806]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 9

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal [56]

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 1'8" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1808]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 24

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 240], [56: file no. 2076], [63]

HAZARD POTENTIAL: _____

REMARKS: Center of Sec. 24 Elk Run Twp. on the George property; small local mine [56].
M. D. George property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 20

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 1'11" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 108], [57: file no. 2078], [63]

HAZARD POTENTIAL: _____

REMARKS: An opening on the J. S. Apple property [47], [63].
Small local mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Elk Run, Sec. 31 (SE 1/4)

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Central Mining Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1040' [47]

SEAM THICKNESS: 2'6" aver., 2'6"-2'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 242], [56: file no. 6357]

HAZARD POTENTIAL: _____

REMARKS: New drift mine for local trade [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Fairfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: DeLo & Van Fleet

OPERATOR(S): DeLo, Van Fleet & Co. [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 [30]; Middle Kittanning No. 6

SEAM ELEVATION: _____

SEAM THICKNESS: 33"

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30; p. 124]

HAZARD POTENTIAL: _____

REMARKS: 1 mi E of Leetonia [30].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Fairfield
QUADRANGLE(S): Columbiana
UTM (CENTER OF MINE): _____
DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____
MINE NAME: Lincoln (1897-1900); Star (1884-95) [2]

OPERATOR(S): Columbiana Coal Co. (1897-1900); Thomas & Rosensteel (1894-95); Holloway & Co. (1888-92); D. J. Atkins (1886-87); Thomas Bros. (1885); Thomas & Jenkins (1884) [2]

DATE OPENED OR EARLIEST SURVEY: 1884; reop^{ened} 1897 DATE ABANDONED OR LAST SURVEY: 1895; 1900

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 (1897 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1884 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: 1/2 mi N of Columbiana (1884) on the P, FT W & C RR (1897); Stanley Jenkins, Supt., John F. Waters, Mine Boss (1884); James Parfitt, Mine Boss (1886); idle (1888); Bert Rosensteel, Supt., Owen Matthews, Mine Boss (1894-95); idle 1895-1896 (1897); Hugh Laughlin, Supt., George Renshaw, Mine Boss (1897); shaft 102' (1884), 105' (1894).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Fairfield

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Moore

OPERATOR(S): Wm. Moore (1895 [2])

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail mine near East Fairfield (1895) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Fairfield, Sec. 35

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Renkenberger or Garrod

OPERATOR(S): George Garrod; E. J. Renkenberger (1898) [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1150' [47]

SEAM THICKNESS: 2'6" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47; p. 242]

HAZARD POTENTIAL: _____

REMARKS: East central part of Sec. 35 Fairfield Twp. on E. J. Renkenberger's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Franklin, Sec. 6 (SE 1/4)

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1120' [47]

SEAM THICKNESS: 2'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 274], [56: file no. 2141]

HAZARD POTENTIAL: _____

REMARKS: On Elmer Risdén's land [47].
Local mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Franklin, Sec. 36

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): H. P. Baugh & Son [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: slope [47]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 960' [47]

SEAM THICKNESS: 2'10" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 274], [56: file no. 6313]

HAZARD POTENTIAL: _____

REMARKS: Along Nancy Run [47].
Wagon mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 12 (N 1/2)

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Baker

OPERATOR(S): Fred Baker [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'7" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 234]

HAZARD POTENTIAL: _____

REMARKS: Measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Boss

OPERATOR(S): Geo. B. Byer (1911-12) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Geo. B. Byers, Mine Boss; 1 air shaft; near Kensington (1911-12) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Bronson

OPERATOR(S): Nelson Bronson (1889-92) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail mine between New Lisbon & Salem (1892) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Lot 30

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Petit

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: 4' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 105]

HAZARD POTENTIAL: _____

REMARKS: On B. Petit's farm [30].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 12

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1150' [56]

SEAM THICKNESS: 3'10" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2098]

HAZARD POTENTIAL: _____

REMARKS: Small mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 30; West, Sec. 25

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Archie Herman [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1180' [56]

SEAM THICKNESS: 2'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 233], [56: file no. 2127]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 31

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): H. C. Hezlet [47], [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1110' [56]

SEAM THICKNESS: 3'6" [47]; 3'0"-3'8" [56]

COVER THICKNESS: 30' at shaft opening [47], [56]

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 233-234], [56: file nos. 2040, 12605]

HAZARD POTENTIAL: _____

REMARKS: South of Pennsylvania RR, 1/2 mi W of Kensington [47].
On Robinson farm; capacity about 25 tons per day [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Hanover, Sec. 31 (SE 1/4)

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1132' [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 14758]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Knox

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Murmmet

OPERATOR(S): Nathan Murmmet (1895) [2]

DATE OPENED OR EARLIEST SURVEY: 1895 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail mine 2 1/2 mi S of Beloit; 1 air shaft (1895) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Knox, Sec. 7 (NE 1/4)

QUADRANGLE(S): Alliance

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Miller

OPERATOR(S): Wm. Miller [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'8" aver., 2 1/2'-3' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 156]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Knox

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: North Georgetown

OPERATOR(S): Owen Everhart (1895) [2]

DATE OPENED OR EARLIEST SURVEY: 1895 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail mine, at North Georgetown?; operator expected to abandon the shaft & open a slope to the west & use shaft for air (1895) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Knox

QUADRANGLE(S): Hanoverton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Reichenbach (1910-14); Georgetown (1909) [2]

OPERATOR(S): Edward Reichenbach (1909-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1909 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1909 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1909 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: shaft 60' deep (1909); at North Georgetown (1910); Edw. Reichenbach, Supt., Clayton DeJane, Mine Boss (1909); Edw Reichenbach, Manager (1910-14).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Knox, Sec. 25

QUADRANGLE(S): Hanoverton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Homer Richie [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'3" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2137]

HAZARD POTENTIAL: _____

REMARKS: Small mine N of Georgetown on Samuel Wang land; Lower Kittanning No. 5 coal was formerly mined [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool

QUADRANGLE(S): East Liverpool

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: American No. 3

OPERATOR(S): American Sewer Pipe Co. (1910-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1910 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: slope

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: 12' (1914 [2])

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at East Liverpool on the C & P RR (1910); George Freeman, Supt. (1910); J. C. Young, Mine Boss (1910-14); Mason Chilcote, Supt. (1911); M. J. Edwards, Supt. (1912-14); escapement shaft (1912).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Sec. 36

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Derek [17]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 1'10" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 193], [47: p. 163]

HAZARD POTENTIAL: _____

REMARKS: 3 mi NE of East Liverpool near Delaney's mine [17].
Measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Eastern Ohio

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: 1910 DATE ABANDONED OR LAST SURVEY: 1912

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at East Liverpool (1910); at Laughlin (1912); Perry McCalister, Supt. & Mine Boss (1910); C. E. McDaniel, Supt. & Mine Boss (1911); suspended (1912).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Secs. 35, 36

QUADRANGLE(S): East Liverpool North, & South?, Wellsville?, West Point?

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Herbert

OPERATOR(S): Paul Herbert [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'9" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 163]

HAZARD POTENTIAL: _____

REMARKS: SE 1/4 Sec. 35 & SW 1/4 Sec. 36, Liverpool Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool

QUADRANGLE(S): East Liverpool

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: K, T & A (1890-99) [2]

OPERATOR(S): Knowles, Taylor & Anderson (1888, 1890-99) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 DATE ABANDONED OR LAST SURVEY: 1899

TYPE OF MINE: slope

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: 12' (1892 [2]); 14' (1895 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at east end of East Liverpool on the C & P RR (1890); Henry Chambers, Mine Boss (1890); Thos. Anderson, Manager (1893-96); T. E. Young, Mine Boss (1899); produced sewer pipe (1899).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Liverpool, Sec. 12
 QUADRANGLE(S): East Liverpool North
 UTM (CENTER OF MINE): _____
 DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____
 MINE NAME: McNichol

OPERATOR(S): D. E. McNichol Pottery Co. (1914)[2]

DATE OPENED OR EARLIEST SURVEY: 1914 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [48]

SEAM ELEVATION: _____

SEAM THICKNESS: 12' (1914 [2]); 8' [48]; 10' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [47: p. 80], [48: p. 338]

HAZARD POTENTIAL: _____

REMARKS: At East Liverpool; Joseph Naylor, Mine Boss (1914) [2].
 W 1/2 Sec. 12 Liverpool Twp. [47].
 Chemical analysis [48].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Bossart

OPERATOR(S): Kegelmyer, McCloskey & Co. (1894-98) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 DATE ABANDONED OR LAST SURVEY: 1898

TYPE OF MINE: drift

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail drift 2 1/2 mi NW of Leetonia; new mine; A. Kegelmyer, Supt.
& Mine Boss (1894) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Cherry Valley No. 2 (1890-95); Washingtonville (1887-89);

Cherry Valley No. 2 (1884-86); Washingtonville (1883); Cherry Valley

No. 2 (1880-82)

OPERATOR(S): Cherry Valley Iron Works Co. (1893, 1894-95); Cherry Valley

Iron Co. (1880-92, 1894) [2]

DATE OPENED OR EARLIEST SURVEY: 1880 (?) DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Washingtonville (1883) on the New Lisbon branch of the NY, P & O RR (1889); work in connection with old Roller mine (1887); Zachariah Tetlow, Supt. (1883-86); Elijah Bouker, Mine Boss (1883); John Tetlow, Supt. (1887-88); Joseph Tetlow, Mine Boss (1884-87); T. R. Lewis, Supt. (1889-94); Wm. Brown, Mine Boss (1888); M. P. Brady, Mine Boss (1889-94); Geo. Track, Supt., Daniel McGrath, Mine Boss (1895).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Oak Hill (1897-1900); Briar Hill (1892-96) [2]

OPERATOR(S): Oak Hill Coal Co. (1897-1900); D. E. Stouffer (1896);
Stouffer & Lewis (1894-95); Stoffer & Lewis (1893); Stoffer &
Paulin (1892) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 DATE ABANDONED OR LAST SURVEY: 1900

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 (1897 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 2' (1897 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: near Washingtonville on Salem RR (1893); Frank Lewis, Supt. & Mine Boss (1893-94); I. N. Russell, Supt. & Mine Boss (1897-98); bought by Oak Hill Coal Co. from David Stouffer (1897).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Sec. 32

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Reese

OPERATOR(S): John T. Reese & Sons [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'2" aver., 2'10"-3'6" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47]

HAZARD POTENTIAL: _____

REMARKS: NE 1/4 Sec. 32 Perry Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Salem

OPERATOR(S): Salem Coal & Iron Co. (1874) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 & No. 4 [30]; Lower & Middle Kittanning [56]

SEAM ELEVATION: _____

SEAM THICKNESS: No. 3: 5'0"; No. 4: 2'6" [30]

COVER THICKNESS: at shaft: 101'5" to No. 4, 143'4" to No. 3 [30]

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA

(SEE NUMBERED REFERENCE LIST): [2], [26: p. 79], [30: p. 125, 126], [56: file no. 11963]

HAZARD POTENTIAL: _____

REMARKS: Proximate analysis on both No. 3 & No. 4 [30].
Within the town limits of Salem in the northern part of Salem [56].
Shaft 180' deep [26]; 207'6" deep [30].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Salem

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Salem near the RR depot; Thos. R. Lewis, Supt.; filled with water (1891) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Sheehan (1904-05); Sheen (1903, 1894-99); Shean (1893);
Sheens (1891-92) [2]

OPERATOR(S): Jas. Sheen (1903-05); Crooks & Brotter (1899); James & William
Sheen (1894-98); James Shean (1893); Jas. Sheen (1890-91) [2]

DATE OPENED OR EARLIEST SURVEY: 1890 DATE ABANDONED OR LAST SURVEY: 1905

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1903 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1903 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail mine near Salem (1891); 2 mi N of Salem (1894); Wm. Kyle, Supt.
& Mine Boss (1891); Wm. Sheen, Mine Boss (1892-94) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry, Sec. 29

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Toot [47]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5

SEAM ELEVATION: 1120' [47]

SEAM THICKNESS: coal: 2'11", clay: 7'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 74]

HAZARD POTENTIAL: _____

REMARKS: Center of Sec. 29 Perry Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Washingtonville No. 1

OPERATOR(S): Cherry Valley Iron Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1877

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 (1876 [2]); No. 5 [36]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [36: p. 190]

HAZARD POTENTIAL: _____

REMARKS: Zach. Tetlow, Manager (1875) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Perry
QUADRANGLE(S): Salem
UTM (CENTER OF MINE): _____
DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____
MINE NAME: Washingtonville No. 2

OPERATOR(S): Cherry Valley Iron Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1877

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Zach. Tetlow, Manager (1875) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 28

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Cullen

OPERATOR(S): Calvin Cullen [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'10" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 253]

HAZARD POTENTIAL: _____

REMARKS: In California Hollow in Sec. 28 St. Clair Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 17

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ellis

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'7" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 250]

HAZARD POTENTIAL: _____

REMARKS: NE 1/4 Sec. 17 St. Clair Twp. on the George Ellis property;
measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 23

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hanley [56]

OPERATOR(S): Charles A. Hanley [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 113], [56: file no. 2005]

HAZARD POTENTIAL: _____

REMARKS: Local mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 16

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Lyons

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'9" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 205]

HAZARD POTENTIAL: _____

REMARKS: NW 1/4 Sec. 16 St. Clair Twp. on Roland Lyon's land; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 28

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Mason

OPERATOR(S): Mason Bros. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'6 1/2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 253]

HAZARD POTENTIAL: _____

REMARKS: Head of California Hollow; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 28

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Smith [47]

OPERATOR(S): N. L. Smith [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6A [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 207]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 29

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [57]

SEAM ELEVATION: 1050' [56]

SEAM THICKNESS: 3'10" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1761]

HAZARD POTENTIAL: _____

REMARKS: Near the head of California Hollow [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 6

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: 883' [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1975]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 30

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [47]

SEAM ELEVATION: 1103' [56]

SEAM THICKNESS: 2' [47]; 1'6"-2'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 304], [56: file no. 2002]

HAZARD POTENTIAL: _____

REMARKS: N 1/2 Sec. 30 St. Clair Twp. on Abram G. Glenn's land [47].
A mine in the Upper Freeport No. 7 (coal 2'10" thick) was noted [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 25 (SE 1/4)

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'7" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2011]

HAZARD POTENTIAL: _____

REMARKS: Small mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 15

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 1'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2017]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 15

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1020' [56]

SEAM THICKNESS: 3'0"-3'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2023]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: St. Clair, Sec. 15 (NW 1/4)

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1020' [56]

SEAM THICKNESS: 3' [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2024]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Alberta (1884-85); Franklin (1883) [2]

OPERATOR(S): Alberta Coal Co. (1883-85) [2]

DATE OPENED OR EARLIEST SURVEY: 1883 DATE ABANDONED OR LAST SURVEY: 1885

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: 2 1/2 mi S of Leetonia on the Niles & New Lisbon RR (1883); O. R. Dibble, Supt. (1883); Thomas Prosser, Mine Boss (1883-84); V. C. Dibble, Supt. (1884); abandoned (1885).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3 (SE 1/4)

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Dewey Longnecker [56]; Longanecker (1893-96) [2]; Zimmerman
(1890-92) [2]

OPERATOR(S): Chas. Zimmerman (1896); Longanecker & Zimmerman (1893-95);
Longnecker & Zimmerman (1891-92); Zimmerman & Longnecker (1890) [2]

DATE OPENED OR EARLIEST SURVEY: 1886
(1890 [2]) DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: shaft [56]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [56: file no. 3787]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: retail shaft 2 mi W of Leetonia (1850);
 Chas. Longnecker, Supt., Joseph Greenwall, Mine Boss (1890); Chas.
 Zimmerman, Supt. & Mine Boss (1893); shaft sunk 4 years earlier (1890);
 new air shaft (1894); new slope sunk (1894).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Freeport (1895-96) [2]

OPERATOR(S): Freeport Coal Co. (1895-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1895 DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1895 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Long's Crossing on the Niles & New Lisbon branch of the NY, P & O RR (1895); T. R. Lewis, Supt. & Mine Boss (1895); poor roof (1896).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Salem, Sec. 14
QUADRANGLE(S): _____
UTM (CENTER OF MINE): _____
DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____
MINE NAME: Grafton (1880-86, 1874-77) [2]

OPERATOR(S): Grafton Coal & Iron Co. (1880-86, 1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1886

TYPE OF MINE: shaft [2]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 & No. 5 [2]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [63]

HAZARD POTENTIAL: _____

REMARKS: Near Washingtonville (1874); at Leetonia? Frank Rooney, Manager (1875);
idle (1885-86) [2].
Grafton Iron Co. property, Sec. 14, Salem Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: J. A. Sanders [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 3786]

HAZARD POTENTIAL: _____

REMARKS: The Middle Kittanning No. 6 (2'3") and Lower Kittanning No. 5 (3'0")
both crop out here, at elevations of 1063' and 1030' respectively
[56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Jersey Ridge No. 3 (1895); Jersey Bridge No. 4 (1894) [2]

OPERATOR(S): Jersey Ridge Coal Co. (1895); Jersey Bridge Coal Co. (1894) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1894 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: new slope 1 1/2 mi W of Washingtonville on the Salem RR (1894); J. H. Thompson, Supt. & Mine Boss (1894-95). Salem 7 1/2' quad., Salem Twp., Sec. 3 shows 2 drifts at the same location--same mine?
Same as Jersey Bridge No. 2?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3 (SE 1/4)

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: John Barnes [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 3'-3'4" [47]; 3'0" [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 103] [56: file no. 1713]

HAZARD POTENTIAL: _____

REMARKS: South of C. A. Snyder's property [47].
For local use [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Lanahan (1894-95) [2]

OPERATOR(S): Edward Lanahan (1894-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: drift

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail drift 2 1/2 mi NW of Leetonia (1894); mining suspended (1895) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 28

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Shelton [36]

OPERATOR(S): Wm. Barrett (1881-83) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift (1881-83) [2]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [36], [47]

SEAM ELEVATION: 5' [47]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [36: p. 194], [47: p. 235], [63]

HAZARD POTENTIAL: _____

REMARKS: SW 1/4 Sec. 28 Salem Twp. on Shelton property; mined for the RR
[47], [63].
On the RR between Leetonia & New Lisbon [36].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 3 (SE 1/4)

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Snyder [47], Sneider [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: 1020' [56]

SEAM THICKNESS: 3'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 1037], [56: file no. 1712]

HAZARD POTENTIAL: _____

REMARKS: On C. A. Snyder's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: United Iron

OPERATOR(S): United Iron & Steel Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3' aver., 2 1/2'-3'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 104]

HAZARD POTENTIAL: _____

REMARKS: At Leetonia [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
TWP, SEC, LOT: Salem
QUADRANGLE(S): Salem
UTM (CENTER OF MINE): _____
DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____
MINE NAME: Walnut Hill (1910-14; 1889-96) [2]

OPERATOR(S): J. B. Smith (1910-14); Frank Lewis (1896); Thos. R. Lewis (1894-95); John Smith (1893); Thos. R. Lewis (1891-93); Lewis Coal Co. (1890); Thos. R. Lewis & Bro. (1889) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 (1910 [2]); No. 3 (1912 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 28" (1910 [2]); 3' (1912 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Washingtonville on the Y & O RR (1910); connected with Cherry Valley mine (1891); Frank Lewis, Supt. & Mine Boss (1890); Thos. R. Lewis, Supt., Edward R. Lewis, Mine Boss (1891-92); J. G. Smith, Supt. & Mine Boss (1910-14); machine mining (1910).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Williams

OPERATOR(S): A. W. Williams Clay & Coal Co. (1912 [2])

DATE OPENED OR EARLIEST SURVEY: 1912 DATE ABANDONED OR LAST SURVEY: 1912

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 5 (1912 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1912 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: New drift 2 mi E of Salem; J. E. Sweeny, Supt. & Mine Boss (1912) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 10

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Zimmerman (1890-97) [2]

OPERATOR(S): Wm. McDonald (1895-97); Frank Exton (1892-94); Peter

Zimmerman (1890) [2]

DATE OPENED OR EARLIEST SURVEY: 1870; re-
opened 1890 DATE ABANDONED OR LAST SURVEY: 1897

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [63]

HAZARD POTENTIAL: _____

REMARKS: Retail mine 2 mi west of Leetonia; opened 20 years ago; Frank Exton, Mine Boss (1890); 1 mi N of the Longanecker shaft (1893); Frank Exton, Manager (1893) [2]. Zimmerman Coal property, Sec. 10, Salem Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 10

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Zimmerman

OPERATOR(S): John Zimmerman (1895-97) [2]

DATE OPENED OR EARLIEST SURVEY: 1895 DATE ABANDONED OR LAST SURVEY: 1897

TYPE OF MINE: slope

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [63]

HAZARD POTENTIAL: _____

REMARKS: At Leetonia?
H. K. Zimmerman property, Sec. 10, Salem Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 28

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): John Pascola [56]; James Murphy (1895) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1090' [56]

SEAM THICKNESS: 5'0"-7'2" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [56: file no. 1704]

HAZARD POTENTIAL: _____

REMARKS: Mine owned by Nevin Albright; Capacity 40 to 50 tons/day [56].
Employed 2 miners (1895) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Salem, Sec. 16

QUADRANGLE(S): Lisbon

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6

SEAM ELEVATION: _____

SEAM THICKNESS: 1'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1708]

HAZARD POTENTIAL: _____

REMARKS: Small mine for local use [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Bucks

OPERATOR(S): Nevin Buck (1895-96); Peter Young (1894, 1891) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail shaft at East Fairfield (1894) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Carbon Hill No. 3

OPERATOR(S): East Palestine Coal Co. (1896-98) [2]

DATE OPENED OR EARLIEST SURVEY: 1896 DATE ABANDONED OR LAST SURVEY: 1898

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1896 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: @ 4' (1897 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: W. S. Lewis, Supt., Wm. Morris, Mine Boss (1896-98); connected with Howell's retail mine; 1 air shaft (1896); at East Palestine on P, FT W & C Ry (1898); drawing pillars & abandoned (1898).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Carbon Hill No. 4

OPERATOR(S): East Palestine Coal Co. (1898-1900) [2]

DATE OPENED OR EARLIEST SURVEY: 1898 DATE ABANDONED OR LAST SURVEY: 1900

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1898 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 4-4 1/2'

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at East Palestine on the P, FT W & C Ry (1898); W. S. Lewis, Supt., Wm. Morris, Mine Boss (1898-99); abandoned (1900).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 16

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Davis

OPERATOR(S): Davis [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: 5' [30]

COVER THICKNESS: @ 60' [30]

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 124]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hall Ridge (1895-1900) [2]

OPERATOR(S): Ludwig Frenger (1900); L. Frenzer (1899); L. Frenger (1898, 1895); L. Fringer (1896-97) [2]

DATE OPENED OR EARLIEST SURVEY: 1895 DATE ABANDONED OR LAST SURVEY: 1900

TYPE OF MINE: shaft

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Retail shaft 1 mi W of New Waterford; Ludwig Frenger, Manager (1895) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 35

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Lawton & Bye; Burnett & Joy [30]; Joy, Rook & Burnett [49]

OPERATOR(S): Lawton & Bye; Burnett & Joy [30]; Joy, Rook & Burnett [49]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 [30]; Mahoning No. 7a

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [29: p. 152]; [30: p. 123, 126], [49: p. 419], [63]

HAZARD POTENTIAL: _____

REMARKS: W 1/2 Sec. 36 Unity Twp; proximate analysis [30].
Root & Burnett property, Sec. 36 Unity Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool, Sec. 30

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Walker No. 1 (1904, 1898-99); Walker (1893-97, 1890, 1888) [2]

OPERATOR(S): American Sewer Pipe Co. (1904); Walker Fire Clay Co. (1893-99);
N. U. Walker (1890); N. W. Walker Clay M'fg. Co. (1888) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 DATE ABANDONED OR LAST SURVEY: 1904

TYPE OF MINE: drift

COMMODITY MINED: clay & coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: clay: @ 5', coal: 1'6"-2'0" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [47: p. 81, 116]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Walker Station on the C & P RR (1890); between Wellsville & E. Liverpool (1893); parallel drift openings (1894); 2 drifts 300' apart (1896); 4 different openings, all connected (1890); Thomas O'Brien, Mine Boss (1890); Thomas O'Brien, Manager (1893-96); used for sewer pipe (1896).
S 1/2 Sec. 30, Liverpool Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Liverpool

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Wooster

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'4" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 167]

HAZARD POTENTIAL: _____

REMARKS: Southern part of Wellsville [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 14

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: McGrew

OPERATOR(S): McGrew Coal & Clay Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 259]

HAZARD POTENTIAL: _____

REMARKS: NW 1/4 Sec. 14 Madison Twp.; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 17

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: West Point

OPERATOR(S): West Point Coal Co.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [17], [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 52 1/2" [17]; 3'7" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [17: p. 50, 206], [47: p. 261]

HAZARD POTENTIAL: _____

REMARKS: On the Y & O RR; proximate/ultimate analysis [17].
Center of Sec. 17 Madison Twp. on Peters Run; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: West Point

OPERATOR(S): West Point Coal Co. [47]

DATE OPENED OR EARLIEST SURVEY: 1924 DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coa

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 258]

HAZARD POTENTIAL: _____

REMARKS: New mine south of West Point; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Secs. 3, 4

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coa

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 112], [63]

HAZARD POTENTIAL: _____

REMARKS: At West Point on James Spence's land [30].
In Secs. 3, 4 [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 11

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1020' [56]

SEAM THICKNESS: 2'1" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47; p. 259], [56: file no. 1954], [63]

HAZARD POTENTIAL: _____

REMARKS: NW 1/4 Sec. 11 Madison Twp. on Samuel Marsh land [47], [63].
Small mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 14

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): McGreen Coal and Clay Co. [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'10" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1963]

HAZARD POTENTIAL: _____

REMARKS: Railroad mine, 50 to 100 tons/day capacity; new mine in Mahoning coal being installed at present (1920) [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 14 (NW 1/4)

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1040' [47]

SEAM THICKNESS: 3'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 260], [56: file no. 1965]

HAZARD POTENTIAL: _____

REMARKS: South of McGrew Coal & Clay Co. mine [47].
On property of Joseph Tullis; local mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 12

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: 860' [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1969]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 23

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1060' [56]

SEAM THICKNESS: 2'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1982]

HAZARD POTENTIAL: _____

REMARKS: Small house mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 18

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1020' [47]

SEAM THICKNESS: 3'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 262], [56: file no. 1986]

HAZARD POTENTIAL: _____

REMARKS: On the McCormick property [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 18

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 985' [57]

SEAM THICKNESS: 2'9" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2058]

HAZARD POTENTIAL: _____

REMARKS: Small mine for house use; in ravine north of church [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 14

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Edward Green [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'1" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 259], [56: file no. 6355]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 14

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): George Mort [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'7" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 6356]

HAZARD POTENTIAL: _____

REMARKS: Local mine south of Lincoln Highway on W. Lewis property [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 10

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Billingsly

OPERATOR(S): J. T. Billingsly (1898[2]); J. W. Billingsly [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [30: p. 120], [63]

HAZARD POTENTIAL: _____

REMARKS: J. W. Billingsley property, sec. 10, Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 15

QUADRANGLE(S): Fast Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Boerum

OPERATOR(S): Mr. Boerum [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120], [63]

HAZARD POTENTIAL: _____

REMARKS: R. Borum property, Sec. 15, Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 13

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Booth & Knight [30]; Booth & Kinte [49]

OPERATOR(S): Jeremiah Booth & Hartford Knight [30]; Booth & Kinte [49]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: 3' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120, 126], [49: p. 419], [63]

HAZARD POTENTIAL: _____

REMARKS: Proximate analysis [30], [49].
J. Booth property, Sec. 13, Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 15

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Booth [49]

OPERATOR(S): Issac Booth [49]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: 3'6" [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120, 126], [49: p. 419], [63]

HAZARD POTENTIAL: _____

REMARKS: Proximate analysis [30].
On Booth property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 15

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Burson

OPERATOR(S): George Burson [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120], [63]

HAZARD POTENTIAL: _____

REMARKS: On G. Burson property, Sec. 15, Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 15

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Burt

OPERATOR(S): Wm. & John Burt [49]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120, 126], [49: p. 419], [63]

HAZARD POTENTIAL: _____

REMARKS: NE 1/4, Sec. 15, Middleton Twp. near Anchor [30].
Proximate analysis [30], [49].
On W. & J. Burt property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 5

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Burt

OPERATOR(S): Hiram Burt [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coa

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 1

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Burt

OPERATOR(S): Mark Burt

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120]; [63]

HAZARD POTENTIAL: _____

REMARKS: On John Burt property, Sec. 1, Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Connor

OPERATOR(S): Rogers Clay Co. (1912-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1912 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: 5' (1912 [2]); 8' (1913 [2]); 6' (1914 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Rogers on the Pittsburgh, Lisbon & Western RR (1912); Patrick Connor, Supt. & Mine Boss (1913) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 15

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Durk & Burson

OPERATOR(S): Durk & Burson [49]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'4" [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 126], [49: p. 418], [63]

HAZARD POTENTIAL: _____

REMARKS: Proximate analysis [49].
On R. Burson property, Sec. 15, Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 22

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Dyke [30]; Dike [49]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coa]

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: 3'9"-4'6" [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120, 126], [49: p. 418], [63]

HAZARD POTENTIAL: _____

REMARKS: Proximate analysis [49].
On Camp Run, Sec. 22 Middleton Twp. [30].
Issac Dyke property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 7

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ed Tyllis [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1069' [56: 1853]; 1060' [56: 2067]

SEAM THICKNESS: 2'10" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 246], [56: file nos. 1853, 2067]

HAZARD POTENTIAL: _____

REMARKS: 1/2 mi S of Rogers; capacity 30 tons/day; wagon mine for local trade [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Fire Clay

OPERATOR(S): Saratoga Fire Clay Co. [47], [48]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47], [48]

SEAM ELEVATION: coal: 885' [47]

SEAM THICKNESS: coal: 1'4" [47]; clay: 7' [48], 6-12' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 77, 111]; [48: p. 333]

HAZARD POTENTIAL: _____

REMARKS: At Negley [47], [48]; chemical analysis of the clay [48].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 1

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Harding

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'7" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA [47: p. 302]
(SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: _____

REMARKS: SW 1/4 Sec. 1 Middleton Twp. on Joseph Harding's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 2

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Houghton and Ward [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'1" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1935]

HAZARD POTENTIAL: _____

REMARKS: Wagon mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Pleasant Valley No. 7

OPERATOR(S): Negley Coal Co. (1909); Negley Mining Co. (1906-08?);

Powers Mining Co. (1901-05)

DATE OPENED OR EARLIEST SURVEY: 1901 DATE ABANDONED OR LAST SURVEY: 1909

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 (1901 & 1907); No. 6 (1903) [2]

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2-3'

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: On P, L & W RR (1903); at Negley, near Pleasant Valley No. 6 (1909);
E. W. Powers, Supt. (1901-03) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 3 (NE 1/4)

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Saylor & Reuff

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'6" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 246], [56: file no. 1790]

HAZARD POTENTIAL: _____

REMARKS: Along Leslie Run [47].
10 tons mined, used in Palestine for local purposes [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Southern

OPERATOR(S): J. M. Mahon (1906 [2])

DATE OPENED OR EARLIEST SURVEY: 1906 DATE ABANDONED OR LAST SURVEY: 1906

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1906 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2' (1906 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Negley?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 5

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Wherry

OPERATOR(S): Madison Wherry [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coa]

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 22

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Eli Guy [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120], [63]

HAZARD POTENTIAL: _____

REMARKS: E. Guy property, Sec. 22 Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 14

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): John Young [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120], [63]

HAZARD POTENTIAL: _____

REMARKS: John Young property, Sec. 14 Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 22

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Ephraim Lotta [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120], [63]

HAZARD POTENTIAL: _____

REMARKS: F. Lotta property, Sec. 22 Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 22

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Thomas George [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120], [63]

HAZARD POTENTIAL: _____

REMARKS: W. George property, Sec. 22 Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 4 (SE 1/4)

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1070' [56]

SEAM THICKNESS: 2'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1798]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 25

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [56]

SEAM ELEVATION: 1075' [56]

SEAM THICKNESS: 2'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1817]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 11

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Jane Nevin [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 120]; [63]

HAZARD POTENTIAL: _____

REMARKS: J. Nevin property, Sec. 11 Middleton Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 29

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1040' [56]

SEAM THICKNESS: 2'4" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1873]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Middleton, Sec. 33 (SW 1/4)

QUADRANGLE(S): East Liverpool North

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1065' [56]

SEAM THICKNESS: 3'2" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1877]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Bennett

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 [30]; Mahoning No. 7a

SEAM ELEVATION: _____

SEAM THICKNESS: 3-3 1/2' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 112]

HAZARD POTENTIAL: _____

REMARKS: On south side of creek (Little Beaver Creek) at West Point on the farm of H. Bennett [30].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Madison, Sec. 5

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Central Mining

OPERATOR(S): Central Mining Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift & strip

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 256]

HAZARD POTENTIAL: _____

REMARKS: Measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Andelusia (1909); Andalusia (1907); Andelusia (1906);
Andilusia (1899) [2]

OPERATOR(S): Jesse Shepard (1909, 1906-07); Irvin Mellinger (1899) [2]

DATE OPENED OR EARLIEST SURVEY: 1899 DATE ABANDONED OR LAST SURVEY: 1909

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1906 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1906 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: 1 mi W of Salem (1906); 2 mi N of Salem (1909); shaft 60' deep
(1906 & 1909) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Average

OPERATOR(S): John D. Smith (1907-09, 1904-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 DATE ABANDONED OR LAST SURVEY: 1909

TYPE OF MINE: drift (1904 [2]); slope (1907 [2])

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1904 [2]); No. 4 (1907 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1904 [2]); 2 1/2' (1907 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Perry

QUADRANGLE(S): Salem

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Beech Ridge

OPERATOR(S): Shriver Coal Co.

DATE OPENED OR EARLIEST SURVEY: 1910 DATE ABANDONED OR LAST SURVEY: 1911

TYPE OF MINE: slope

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: No. 3 (1910 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Same as Beach or Beech Ridge in Mahoning Co.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: McMillan (1904-05) [2]

OPERATOR(S): R. McMillan (1904-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 DATE ABANDONED OR LAST SURVEY: 1905

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1904 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' (1905 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At East Palestine?
R. McMillan, Supt. (1904-05) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): Elkton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: New Waterford

OPERATOR(S): Village of New Waterford (1912 [2])

DATE OPENED OR EARLIEST SURVEY: 1912 DATE ABANDONED OR LAST SURVEY: 1912

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 4 (1912 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3'3" [1912 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: 1 mi W of New Waterford on the P, FT W & C Ry; Wm. Shasteen, Mine Boss (1912) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 14

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ranch (1898-99, 1895-96); Rauch (1897) [2]

OPERATOR(S): O. S. Ranch (1898-99, 1895); O. S. Rauch (1897); F. F. Felger
(1896) [2]

DATE OPENED OR EARLIEST SURVEY: 1895 DATE ABANDONED OR LAST SURVEY: 1899

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [63]

HAZARD POTENTIAL: _____

REMARKS: Retail mine near Unity; O. S. Ranch, Manager; shaft sunk (1895).
On J. Rauch estate, Sec. 14, Unity Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Reynolds

OPERATOR(S): Elijah Reynolds (1910-13)

DATE OPENED OR EARLIEST SURVEY: 1910 DATE ABANDONED OR LAST SURVEY: 1913

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1910 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3'3" (1910 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At New Waterford; Elijah Reynolds, Supt. & Mine Boss (1910-13).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 34

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Strait

OPERATOR(S): H. B. Strait [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: coal

COMMODITY MINED: Upper Freeport No. 7 [47]

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: 3'8" aver., 3 1/2'-3'10" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 244]

HAZARD POTENTIAL: _____

REMARKS: E 1/2 Sec. 34 Unity Twp. along the west tributary of Leslie Run [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 35

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ward

OPERATOR(S): Charles Ward [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'10" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 244], [56: file no. 1783], [63]

HAZARD POTENTIAL: _____

REMARKS: S 1/2 Sec. 35 Unity Twp. [47].
Chas. Ward property, Secs. 35, 36, Unity Twp. [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 16

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Week

OPERATOR(S): J. A. Week [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1150' [47]

SEAM THICKNESS: 3'10" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 243]

HAZARD POTENTIAL: _____

REMARKS: SE 1/4 Sec. 16 Unity Twp; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 25 (SE 1/4)

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Dickens Coal Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1090' [47]

SEAM THICKNESS: 3'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 245], [56: file no. 1784]

HAZARD POTENTIAL: _____

REMARKS: 30 tons, 4-man operation; for local use in Palestine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 25

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1080' [56]

SEAM THICKNESS: 3'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1786]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 32

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Middle Kittanning No. 6

SEAM ELEVATION: 995' [56]

SEAM THICKNESS: 3'9" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1796]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 22

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Whitehouse Bros. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1165' [47]

SEAM THICKNESS: 3'0" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 243], [56: file no. 1804]

HAZARD POTENTIAL: _____

REMARKS: In the hollow west of diagonal road [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 16

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): J. A. Meek [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1187' [56]

SEAM THICKNESS: 3'10" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1802]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 10

QUADRANGLE(S): New Middletown

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): T. C. Hartsough and Son and Moon [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'6" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 242], [56: file no. 1803]

HAZARD POTENTIAL: _____

REMARKS: Shaft to No. 7 coal [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 32

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): W. S. George [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1110' [56]

SEAM THICKNESS: 2'4" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 243], [56: file no. 1794]

HAZARD POTENTIAL: _____

REMARKS: N 1/2 Sec. 32 Unity Twp.; measured section [47].
Capacity 40 tons; 12 men employed in pick mining [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Unity, Sec. 34

QUADRANGLE(S): East Palestine

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [56]

SEAM ELEVATION: 1170' [56]

SEAM THICKNESS: 2'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1789]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Francis (1891) [2]; Mill

OPERATOR(S): George Brown (1891) [2]; Francis

DATE OPENED OR EARLIEST SURVEY: 1890 DATE ABANDONED OR LAST SURVEY: 1891

TYPE OF MINE: _____

COMMODITY MINED: coa

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Salineville; to be connected to the Saltwell mine; George Brown, Mine Boss (1890) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Furnace (1893-96) [2]

OPERATOR(S): Furnace Fire Clay Co. (1893-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1893 DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: _____

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA [2]
(SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: _____

REMARKS: At Salineville; works burned down (1893); idle (1894); mining suspended (1896) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hartford

OPERATOR(S): Ohio & Pennsylvania Coal Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Strip Vein" (1876 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Edmund Boyle, Manager (1875); on Nancy's Fork of Yellow Creek 1 mi N of Salineville (1876) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hussey (No. 1); Hussey "Big Vein" (1884-86); Hussey Hollow
(1884-86, 1874-77) [2]

OPERATOR(S): Ohio & Pennsylvania Coal Co. (1884-86, 1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1886

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Big Vein" (1884 [2]); Upper Freeport No. 7 [36]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [36: p. 202]

HAZARD POTENTIAL: _____

REMARKS: At Salineville?
Annual reports [2] indicate: James Black, Supt., Hamilton McPherson,
Mine Boss (1884-85); an old mine that had been abandoned & then
reopened (1884); abandoned (1886).
Proximate analysis [36].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hussey No. 2; Hussey "Strip Vein" (1884); Hussey (1882-83);
Hussey Hollow (1874-77) [2]

OPERATOR(S): Ohio & Pennsylvania Coal Co. (1882-84, 1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1884

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Strip Vein" (1883) [2]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Salineville (1883); James Black, Supt. (1882-84); Hamilton McPherson, Mine Boss (1883-84); an old mine that had been abandoned & reopened in 1882 (1883); drawing pillars (1884).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 29

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ohio Clay Products (No. 2); Ohio Clay Products

OPERATOR(S): Ohio Clay Products Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 310]

HAZARD POTENTIAL: _____

REMARKS: W 1/2 Sec. 29 Washington Twp., south of Riley Run at the plant of the Ohio Clay Products Co.; mined for burning ware [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana
 TWP, SEC, LOT: Washington
 QUADRANGLE(S): Salineville
 UTM (CENTER OF MINE): _____
 DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____
 MINE NAME: Pine Grove (1887-1896) [2]

OPERATOR(S): Thorndon Coal Co. (1894-96); A. H. Davis (1892-93); H. P. Sutherin (1891); Pine Grove Coal Co. (1887-90) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 ? DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1890 [2]); No. 7 (1895 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 34" (1890 [2]); 3' (1895 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: 2 1/2 mi SW of Salineville on the C & P RR (1890); 2 mi E of Salineville on the C & P RR (1892); James Flowers, Supt., Jas. Mitchel, Mine Boss (1887); H. P. Sutherin, Supt. & Mine Boss (1890-91); idle (1891-92); H. P. Sutherin, Supt., Geo. Renshaw, Mine Boss (1893); idle (1895-96); air shafts sunk (1890, 1893).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Rockville (1874-77) [2]

OPERATOR(S): Ohio & Pennsylvania Coal Co. (1875-77); McGary & Gallagher
(1874) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1877

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Strip Vein" (1876 [2]); Mahoning?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: On Nancy's Fork of Yellow Creek 1 mi N of Salineville (1876) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 25

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Salineville

OPERATOR(S): Salineville Coal Mining Co. [47]

DATE OPENED OR EARLIEST SURVEY: 1882 DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft (1882 [2])

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'7" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [47: p. 271]

HAZARD POTENTIAL: _____

REMARKS: W 1/2 Sec. 35 Washington Twp. along Riley Run; measured section [47].
Ralph Woodward, Mine Boss (1882) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Salt Well (1893-94, 1890) [2]

OPERATOR(S): John Kirk (1893-94); H. A. Kirk (1890) [2]

DATE OPENED OR EARLIEST SURVEY: 1890 DATE ABANDONED OR LAST SURVEY: 1894

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Salineville (1890); connected with Farmers mine (1890); to be connected with Francis (Mill) mine (1890); connected with the Hays mine (1893); Daniel Talson, Manager (1893-94).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Sheppard

OPERATOR(S): John Sheppard (1914) [2]

DATE OPENED OR EARLIEST SURVEY: 1914 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 7 (1914 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 4' (1914 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Domestic mine at Salineville; new mine; John Sheppard, Supt. & Mine Boss (1914) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Standard

OPERATOR(S): Standard Pottery Co. (1890-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1890 DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: _____

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Clay mine at Salineville; Robert Vasey, Supt. & Mine Boss (1890) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Strabley No. 2

OPERATOR(S): James Strabley (1910) [2]

DATE OPENED OR EARLIEST SURVEY: 1910 DATE ABANDONED OR LAST SURVEY: 1910

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Strip vein" (1910 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1910 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Salineville on the C & P RR; James Strabley, Mine Boss (1910);
an old mine abandoned years ago [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 29

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Thomas Dugan [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 900' [56]

SEAM THICKNESS: 3'1" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2161]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Tile Works

OPERATOR(S): Ohio Clay Products Co. (1911-12) [2]

DATE OPENED OR EARLIEST SURVEY: 1911 DATE ABANDONED OR LAST SURVEY: 1912

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: 6' (1911 [2]); 5' (1912 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Salineville (1911) on a spur of the C & P RR (1912); W. H. Hartmen, Supt., C. E. Campbell, Mine Boss (1911-12) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Vasey No. 2 (1910) [2]

OPERATOR(S): Sarah Vasey (1910) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Near the Vasey mine; Wm. Wright, Manager (1910) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 30 (SE 1/4)

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [47]

SEAM ELEVATION: 920' [47]

SEAM THICKNESS: 3'7" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 309], [56: file no. 6310]

HAZARD POTENTIAL: _____

REMARKS: On Frank Conlen's land [47].
Wagon mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 23

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 3'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 6317]

HAZARD POTENTIAL: _____

REMARKS: Wagon mine on John Poland's property [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington, Sec. 10

QUADRANGLE(S): Salineville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): North Branch Coal Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 840' [47]

SEAM THICKNESS: 3'2" [47]; 3'2"-4'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 273], [56: file no. 6321]

HAZARD POTENTIAL: _____

REMARKS: Along Yellow Creek [47].
New mine, putting switch to Pennsylvania RR [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Washington

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Columbiana

OPERATOR(S): Columbiana Coal Co. (1898-99 [2]), [36]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft [36]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Freeport No. 6a [36]

SEAM ELEVATION: _____

SEAM THICKNESS: 30"

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [36: p. 205]

HAZARD POTENTIAL: _____

REMARKS: Sunk near the Columbiana Coal Co. strip vein mine above Salineville [36].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 9

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ewing

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'6" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 268]

HAZARD POTENTIAL: _____

REMARKS: Eastern boundary Sec. 9 Wayne Twp., along the bluff south of West Fork on J. O. Ewing's land; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 14

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Robinson

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 995' [47]

SEAM THICKNESS: 3'9" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 269]

HAZARD POTENTIAL: _____

REMARKS: NE 1/4 Sec. 14 Wayne Twp., south of West Fork on William Robinson's land; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 8

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Sharp

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'8" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 268]

HAZARD POTENTIAL: _____

REMARKS: S 1/2 Sec. 8 Wayne Twp., along bluff facing West Fork on James Sharp's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 11

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1010' [56]

SEAM THICKNESS: 3'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 269], [56: file no. 2091]

HAZARD POTENTIAL: _____

REMARKS: On W. E. Louden's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Wayne, Sec. 16

QUADRANGLE(S): Gavers

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Harlem [56]

SEAM ELEVATION: 1255' [56]

SEAM THICKNESS: 1'4" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 6349]

HAZARD POTENTIAL: _____

REMARKS: Harlem coal has been mined in region in small way for local use [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Secs. 7, 8

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft [56]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: @ 100' [56]

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 6365]

HAZARD POTENTIAL: _____

REMARKS: _____

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 9

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Hartman Coal & Lumber Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 5'7" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 231], [56: file no. 2157]

HAZARD POTENTIAL: _____

REMARKS: North of New Chambersburg, West Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 15

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: J. E. Williams [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1180' [56]

SEAM THICKNESS: 4'8"-5'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 231], [56: file no. 2045]

HAZARD POTENTIAL: _____

REMARKS: On J. E. Williams' land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 21

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Wm. Kitter [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1150' [56]

SEAM THICKNESS: 4'0"-5'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2046]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 22

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Louis Walker [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'10" [47]; 3'0"-4'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 232], [56: file no. 2044]

HAZARD POTENTIAL: _____

REMARKS: South of Conser Run, Sec. 22 West Twp. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 23 (SE 1/4)

QUADRANGLE(S): Homeworth

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: South [56]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coa]

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [56]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 2044]

HAZARD POTENTIAL: _____

REMARKS: Owner: Mrs. Emmaline Hill [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 24

QUADRANGLE(S): Hanoverton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1170' [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 14764]

HAZARD POTENTIAL: _____

REMARKS: Old mine entry indicated by gob pile; topo elev. of top of gob is
1170' [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 25

QUADRANGLE(S): Hanoverton

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): S. J. Householder [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1180' [56]

SEAM THICKNESS: 4'6" [47]; 4'0"-5'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 232], [56: file no. 2042]

HAZARD POTENTIAL: _____

REMARKS: S. J. Householder, lessee of mine, Joseph Bently, land owner;
small mine [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 27

QUADRANGLE(S): Minerva

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Wm. Sommerville [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7 [36], [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 4 1/2' [30]; 5'6" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 104], [36: p. 205], [56: file no. 10937]

HAZARD POTENTIAL: _____

REMARKS: At Rochester [30].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 27

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Deville

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' aver., 2-4' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 232]

HAZARD POTENTIAL: _____

REMARKS: Sec. 27 West Twp., near Lynchburg on George E. Deville's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 25

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1150' [56]

SEAM THICKNESS: 3 1/2-4' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 233], [56: file no. 2041]

HAZARD POTENTIAL: _____

REMARKS: On Emmerson Myers' land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West, Sec. 35 (NE 1/4)

QUADRANGLE(S): Kensington

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift [56]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1114' [56]

SEAM THICKNESS: 3'3" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 14794]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: West

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Milburn

OPERATOR(S): Jacob Milburn [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: 6' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 104]

HAZARD POTENTIAL: _____

REMARKS: At New Chambersburg [30].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Buckeye No. 1; Buckeye (1893-1914); Buckeye No. 1 and
No. 2 (1892) [2]

OPERATOR(S): McLain Fire Brick Co. (1909-14, 1904); Buckeye Brick Co.
(1899); Buckeye Fire Clay Co. (1892-98) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: drift

COMMODITY MINED: clay & coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [47], [48]

SEAM ELEVATION: _____

SEAM THICKNESS: clay: 12' (1912 [2]); 15' [47], [48]; coal: 1'11" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [47: p. 84, 118], [48: p. 339]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Wellsville (1892); coal mine (Buckeye No. 2) overlies the clay mine (Buckeye No. 1) connected by a 60' shaft to the No. 1; coal used at the brick works (1893); J. R. Clark, Supt. (1892-93); John Davis, Mine Boss (1892-94); John Davis, Manager (1895-96); H. H. Hine, Supt. (1909-14); J. R. Filkes, Mine Boss (1909); Stewart Rolley, Mine Boss (1910-14); connected with the Vulcan mine (1893); coal mine (No. 2) was suspended in 1894.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Colonial (1910-12); Colonial Coal (1907) [2]

OPERATOR(S): McLain Fire Brick Co. (1910-12); Colonial Clay & Coal Co.
(1907) [2]

DATE OPENED OR EARLIEST SURVEY: 1907 DATE ABANDONED OR LAST SURVEY: 1912

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1907 [2]); "Strip Vein" (1910 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3' (1907 [2]); 2 1/2' (1910 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at New Salisbury (1907); J. J. Martin, Supt., W. H. Davis, Mine Boss (1907); H. R. Lloyd, Supt., Jacob Ehlenbach, Mine Boss (1910-11); abandoned (1912).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Colonial Clay (1907) [2]

OPERATOR(S): Colonial Clay & Coal Co. (1907) [2]

DATE OPENED OR EARLIEST SURVEY: 1907 DATE ABANDONED OR LAST SURVEY: 1907

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: No. 3 (1907 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 14' (1907 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At New Salisbury on the C & P RR; J. J. Martin, Supt., Albert Culp, Mine Boss (1907) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Colonial No. 3 (1913-14); Colonial Clay No. 2 (1912) [2]

OPERATOR(S): McLain Fire Brick Co. (1912-14) [2]

DATE OPENED OR EARLIEST SURVEY: 1912 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: 12' (1913 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At New Salisbury on the C & P RR (1912); new mine; H. R. Lloyd, Supt., Grant Grimes, Mine Boss (1912-14) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 9

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hudson

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'1" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 307]

HAZARD POTENTIAL: _____

REMARKS: SW 1/4 Sec. 9 Yellow Creek Twp. on Thomas Hudson's land [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 23 (SE 1/4)

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: J. W. McGarvey [56]

OPERATOR(S): J. W. McGarvey [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 265], [56: file no. 1712]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 23

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: John Smith [56]

OPERATOR(S): John Smith [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47], [56]

SEAM ELEVATION: 1030' [56]

SEAM THICKNESS: 5'2" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 265], [56: file no. 1773]

HAZARD POTENTIAL: _____

REMARKS: In the hollow south of Little Yellow Creek [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Lythe No. 1 (1892-99); Lythe (1890-91) [2]

OPERATOR(S): John Lythe & Sons (1890-99); John Bythe & Sons (1889);

John Lythe & Sons (1888) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 DATE ABANDONED OR LAST SURVEY: 1899

TYPE OF MINE: drift

COMMODITY MINED: clay & coal (1894 [2])

SEAM(S) OR BED(S) MINED: "upper clay" (1892 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Wellsville on the C & P RR (1890); Alex W. Smith, Mine Boss (1890-92); mining coal (1894); Alex Smith, Mine Boss (1896).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Lythe No. 2 (1892-99) [2]

OPERATOR(S): John Lythe & Sons (1892-99) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: "lower clay" (1893 [2]); Clarion [47], [48]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [47: p. 57], [48: p. 263]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: near Wellsville; used for fire brick & sewer pipe (1892); A. W. Smith, Mine Boss (1893); sunk an escapement slope (1896); shaft depth 128' (1892), 182' (1894), 180' (1895).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 23

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: McGhee

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 5'5" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 259]

HAZARD POTENTIAL: _____

REMARKS: SE 1/4 Sec. 23 Yellow Creek Twp.; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 18

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Moore

OPERATOR(S): F. F. Moore [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'4" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 264]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 5

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Rogers

OPERATOR(S): Rufus Rogers [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 905' [47]

SEAM THICKNESS: 2'9" [47]; 2'4" [48]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47; p. 266], [48: p. 440]

HAZARD POTENTIAL: _____

REMARKS: E 1/2 Sec. 5 Yellow Creek Twp., near road east of Wells Run [47].
East of Wellsville [48].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 18

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Rosenberger

OPERATOR(S): Lester Rosenberger [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'1" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 263]

HAZARD POTENTIAL: _____

REMARKS: Center of Sec. 18 Yellow Creek Twp.; measured section [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Salt Run

OPERATOR(S): Ohio Coal & Coke Co.

DATE OPENED OR EARLIEST SURVEY: 1905 DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1905 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' (1905 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Same as Beech Grove? Jefferson County?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Star Fire

OPERATOR(S): Star Fire Clay Co. [47]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5

SEAM ELEVATION: _____

SEAM THICKNESS: coal: 2'2", clay: 17' [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 83, 117]

HAZARD POTENTIAL: _____

REMARKS: Northern part of Wellsville [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Weaver (1885-1895) [2]

OPERATOR(S): C. B. Weaver (1891-95); David Quayle (1890); Charles B. Weaver (1885-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1885 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Roger Vein" (1890 [2]); No. 3 (1885 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 26" [1890 [2]]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Wellsville; Charles Weaver, Manager (1885); C. B. Weaver, Supt. & Mine Boss (1892) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 15

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Wooster

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning [47]

SEAM ELEVATION: _____

SEAM THICKNESS: 2'4" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 307], [63]

HAZARD POTENTIAL: _____

REMARKS: SE 1/4 Sec. 15 Yellow Creek Twp. on Henry Wooster's land [47].
John Wooster property [63].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 30 (SW 1/4)

QUADRANGLE(S): West Point

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: 1030' [56]

SEAM THICKNESS: 2'2" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1843]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 15

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Mahoning No. 7a [56]

SEAM ELEVATION: 934' [56]

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1740]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 21

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'7" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 1778]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 17 (SE 1/4)

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): Young & Rollins [47]; J. W. Young and J. W. Rollins [56]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [47]

SEAM ELEVATION: 1010' [47]

SEAM THICKNESS: 3'0" [47]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [47: p. 265], [56: file no. 1836]

HAZARD POTENTIAL: _____

REMARKS: Domestic use [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: Yellow Creek, Sec. 16 (SW 1/4)

QUADRANGLE(S): Wellsville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: _____

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [56]

SEAM ELEVATION: _____

SEAM THICKNESS: 4'0" [56]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [56: file no. 10970]

HAZARD POTENTIAL: _____

REMARKS: Several mines are opened in the Upper Freeport seam, 2 mi back of Wellsville; one of the largest is on the McGough farm [56].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Andrews

OPERATOR(S): C. H. Andrews [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: No. 3 [30]; Lower Kittanning No. 5

SEAM ELEVATION: _____

SEAM THICKNESS: Coal: 3 1/2', clay: 6-8' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 107]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Booth (1904) [2]

OPERATOR(S): A. R. McMillen (1904) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: drift (1904 [2])

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: No. 6 (1904 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3'4" (1904 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: A. R. McMillen, Supt. (1904) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Brown

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Big & Strip Veins (1876 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: On Yellow Creek [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Burton

OPERATOR(S): John Burton [30]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 [30]; Upper Freeport No. 7

SEAM ELEVATION: _____

SEAM THICKNESS: 4 1/2' [30]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [30: p. 105]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Cherry Valley No. 3 (1880-83) [2]

OPERATOR(S): Cherry Valley Coal Co. (1880-83) [2]

DATE OPENED OR EARLIEST SURVEY: 1880 DATE ABANDONED OR LAST SURVEY: 1883

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Coleman (1887-92) [2]

OPERATOR(S): New Lisbon Mining Co. (1890-92); Warner Coal Co. (1889);
Warner, Prosser & Co. (1888); Albright Coal Co. (1887) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 DATE ABANDONED OR LAST SURVEY: 1892

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: new mine (1887) near New Lisbon (1891) on the New Lisbon branch of the NY, P & O RR (1889); Thomas Prosser, Supt. & Mine Boss (1887-92); near the old Mourey mine which had an explosion years ago (1888); air shaft sunk (1888); Murray mine (1889); within 70' of the old Robinson mine which had an explosion in 1881 (1890); began double entry (1891); preparing to abandon mine (1892).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Coleman Clay (1889-95) [2]

OPERATOR(S): Union Fire Clay & Stoneware Co. (1894-95); Union Fire Clay & Stone Co. (1889-93) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1895

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Near Coleman (1889) on the NY, P & O RR (1890); Chas. S. Coleman, Supt. & Mine Boss (1890-95) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Fredericks (1894-97) [2]

OPERATOR(S): Geo. B. Baker (1894-97) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 DATE ABANDONED OR LAST SURVEY: 1897

TYPE OF MINE: drift

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: _____

REMARKS: New retail mine, air shaft, near Washingtonville (1894); 1 mi W of Washingtonville (1895) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Maple Hill

OPERATOR(S): Maple Hill Mining Co. (1881-83) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [36]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [36: p. 194]

HAZARD POTENTIAL: _____

REMARKS: On the RR between Leetonia & New Lisbon [36].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Maurer [36]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Lower Kittanning No. 5 [36]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [36: p. 191]

HAZARD POTENTIAL: _____

REMARKS: 3 mi N of New Lisbon [36].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Sears

OPERATOR(S): James Leeper (1904-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 DATE ABANDONED OR LAST SURVEY: 1905

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1904 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 2'9" (1904 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Salem?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Stackhouse

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1909

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: 3 1/2 mi from East Rochester; robbing pillars (1909) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: State Line No. 1 (1901); State Line (1891-1900) [2]

OPERATOR(S): State Line Coal Co. (1891-1901) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 [2] DATE ABANDONED OR LAST SURVEY: 1901 [2]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1901 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' (1901 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At E. Palestine (1891) near State Line Drift (1894); Hugh Laughlin, Supt. (1891-1901); Richard Leake, Mine Boss (1891-94) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Rock Hill [36]

OPERATOR(S): Niles Mining Co. [36]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: slope [36]

COMMODITY MINED: _____

SEAM(S) OR BED(S) MINED: Upper Clarion "Canfield Cannel" [36]; No. 5 [64]

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2'-3'10" [36]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [36: p. 194], [64: p. 25]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: State Line No. 3

OPERATOR(S): National Fireproofing Co. (1909-14); National Fire Proofing Co. (1902-08); State Line Coal Co. (1900-01) [2]

DATE OPENED OR EARLIEST SURVEY: 1900 DATE ABANDONED OR LAST SURVEY: 1914

TYPE OF MINE: drift

COMMODITY MINED: coal & clay

SEAM(S) OR BED(S) MINED: No. 6 (1901 [2]); No. 7 (1903-14 [2]), [47]

SEAM ELEVATION: _____

SEAM THICKNESS: coal: 2 1/2-3' (1903, 1913 [2]), 3-4' [47]; clay: 3-4' (1904 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [47: p. 245]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: 1 mi E of E. Palestine on the P, FT W & C RR (1910); Supt.: Hugh Laughlin (1901-03), David Bolmger (1904), David Bolander (1905), David Bolender (1906-07), W. G. McConnell (1908), W. F. Kocher (1909), Wm. Weaver (1910), R. W. Seanor (1911); Chas. Jones, Mine Boss (1904-11); Charles Jones, Supt. & Mine Boss (1912-14).
At East Palestine on the property of the National Fire Proofing Co. [47].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Sterling

OPERATOR(S): Sterling Coal Co. (1901) [2]

DATE OPENED OR EARLIEST SURVEY: 1901 DATE ABANDONED OR LAST SURVEY: 1901

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1901 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2' (1901 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Thos. Atcheson (1901); Wheat Hill Coal Co. (1894-1900 [2]

OPERATOR(S): Wheat Coal Co. (1894-99), Atchinson & Co. (1893); W. G. Atchinson
(1892); John McIntosh (1891) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 DATE ABANDONED OR LAST SURVEY: 1901 (?)

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 6 (1901 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2' (1901 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: John McIntosh, Supt. & Mine Boss (1891); W. G. Achinson, Supt., James Flemming, Mine Boss (1892); James Flemming, Supt. & Mine Boss (1893-95).
Same as Wheat Hill No. 2?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Uneeda

OPERATOR(S): Uneeda Coal Co. (1904-05) [2]

DATE OPENED OR EARLIEST SURVEY: 1904 DATE ABANDONED OR LAST SURVEY: 1905

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 3 (1904 [2])

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2' (1904 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: At Lisbon?
H. S. Burnett, Supt. (1904-05) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Walker No. 2

OPERATOR(S): Walker Fire Clay Co. (1898-99) [2]

DATE OPENED OR EARLIEST SURVEY: 1898 DATE ABANDONED OR LAST SURVEY: 1899

TYPE OF MINE: drift

COMMODITY MINED: clay

SEAM(S) OR BED(S) MINED: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2]

HAZARD POTENTIAL: _____

REMARKS: Near Walker No. 1?
May have been mentioned since 1894 as part of the Walker No. 1 mine
(one of the parallel drifts)?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Columbiana

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Wolf Run [36]

OPERATOR(S): Wolf Run Coal Co. (1884); A. Armstrong (1881-83, 1877) [2]

DATE OPENED OR EARLIEST SURVEY: 1877 DATE ABANDONED OR LAST SURVEY: 1885

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Upper Freeport No. 7 [36]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [36: p. 194]

HAZARD POTENTIAL: _____

REMARKS: On RR between Leetonia & New Lisbon; idle (1885) [2].

REFERENCE LIST FOR SOURCES OF
DATA ON ABANDONED UNDERGROUND
MINE DATA SHEETS

- [1] Ohio Division of Mines, mine maps: Ohio Department of Industrial Relations, open-file reference material.
- [2] Ohio Inspector of Mines, annual reports, 1874-1914: v. 1-40.
- [3] Ohio Mining Journal, 1882-1885, 1888: v. 1-3, 6.
- [4] Collins, H. R., and DeLong, Richard M., 1977, Notes on field survey of abandoned coal mines in Trumbull and Mahoning Counties: Ohio Geological Survey open-file reference material.
- [5] Fuller, J. Osborn, and Sturgeon, Myron T., 1941, The Sharon coal mines of Trumbull and Mahoning Counties: Ohio Geological Survey open-file report.
- [6] Bancroft, T. B., 1888, Recent coal developments: Ohio Mining Journal, v. 6, no. 6, p. 40-45.
- [7] Barth, Harold, 1926, History of Columbiana County: Indianapolis, Historical Publishing Co., v. I, II.
- [8] Bownocker, J. A., and Clark, F. R., 1917, The coal fields of Ohio, in The coal fields of the United States: U.S. Geological Survey Professional Paper 100-B, p. 35-96.
- [9] Bownocker, J. A., and Dean, Ethel S., 1929, Analyses of coals of Ohio: Ohio Geological Survey Bulletin 34, 360 p.
- [10] Bownocker, J. A., Lord, N. W., and Somermeier, E. E., 1908, Coal: Ohio Geological Survey Bulletin 9, 342 p.

- [11] Brant, Russell A., 1954, The Lower Kittanning No. 5 coal bed in Ohio: Ohio Geological Survey Report of Investigations 21, 51 p.
- [12] _____ 1956, Coal resources of the upper part of the Allegheny Formation in Ohio: Ohio Geological Survey Report of Investigations 29, 68 p.
- [13] Brant, Russell A., and DeLong, Richard M., 1960, Coal resources in Ohio: Ohio Geological Survey Bulletin 58, 245 p.
- [14] Brunt and Fuller, 1891, History of the Upper Ohio Valley: Madison, Wisconsin, Brunt and Fuller, v. I, II.
- [15] Butler, Joseph G., 1921, History of Youngstown and the Mahoning Valley: Chicago, American Historical Society, v. I, p. 767-771.
- [16] Condit, D. Dale, 1912, Conemaugh Formation in Ohio: Ohio Geological Survey Bulletin 17, 363 p.
- [17] Fieldner, Arno C., Selvig, Walter A., and Paul, J. W., 1922, Analysis of mine and car samples of coal collected in the fiscal years 1916 to 1919: U.S. Bureau of Mines Bulletin 193, 391 p.
- [18] Granchi, Joseph A., 1958, Coal resources of the Pottsville Formaion: Ohio Geological Survey Report of Investigations 36, 53 p.
- [19] Haseltine, R. M., 1885, The Mahoning coal field: Ohio Mining Journal, v. 3, no. 2, p. 24-26.

- [20] Lamborn, Raymond E., 1942, The coal beds of western Carroll County and southeastern Mahoning County: Ohio Geological Survey Bulletin 43, 33 p.
- [21] Mack, Horace, 1879, History of Columbiana County, Ohio: D. W. Ensign and Co., Philadelphia, 334 p.
- [22] Mahoning Valley Centennial Association, 1876, Mahoning Valley, condensed statement of its resources, and exhibit of its mines, blast furnaces and rolling mills, its commercial centre, Youngstown, Ohio: Mahoning Valley Centennial Association, 8 p.
- [23] Mahoning Valley Historical Society, 1876, Mahoning Valley historical collections, v. 1: Youngstown, Mahoning Valley Historical Society, 524 p.
- [24] Mather, William W., and others, 1838, Second annual report on the geological survey of the state of Ohio: Columbus, 286 p.
- [25] Mitchell, G. Scott, 1978, Abandoned coal and clay mines: subsidence potential in Summit and Portage Counties, Ohio: Kent State University, M. S. thesis, (unpublished), 93 p.
- [26] Nevins and Myers, 1871, Report of the Ohio Mining Commission: Nevins and Myers, Columbus.
- [27] Newberry, J. S., 1857, Report of the economic geology of the route of the Ashtabula and New Lisbon Railroad, in Ashtabula and New Lisbon Railroad Co. Annual Report: Cleveland, 56 p.
- [28] _____ 1871, Sketch of the structure of the lower coal measures in northeastern Ohio: Ohio Geological Survey Report of Progress in 1870, p. 14-53.

- [29] Newberry, J. S., 1874, The Carboniferous system: Ohio Geological Survey, v. II, part 1, Geology, p. 81-180.
- [30] _____ 1878a, Report on the geology of Columbiana County: Ohio Geological Survey, v. III, p. 90-132.
- [31] _____ 1878b, Report on the geology of Mahoning County: Ohio Geological Survey, v. III, p. 781-814.
- [32] Orton, Edward, 1883a, The lower coal measures of Ohio: Ohio Mining Journal, v. 1, p. 97-108.
- [33] _____ 1883b, The Ohio coal field: Ohio Mining Journal, v. 2, p. 43-46.
- [34] _____ 1885a, The stratigraphical order of the lower coal measures of Ohio: Ohio Geological Survey, v. V, p. 1-128.
- [35] _____ 1885b, The coal seams of the lower coal measures of Ohio, in part: Ohio Geological Survey, v. V, p. 129-168.
- [36] _____ 1885c, The coal seams of the lower coal measures of Ohio (continued): Ohio Geological Survey, v. V, p. 169-300.
- [37] _____ 1893, The coal fields of Ohio: Ohio Geological Survey, v. VII, p. 255-290.
- [38] Orton, Edward, and others, 1884, The coal seams of the lower coal measures of Ohio: Ohio Geological Survey, v. V, p. 129-300 and 773-1058.
- [39] Read, M. C., 1873, Reports on the geology of Ashtabula, Trumbull, Lake, and Geauga Counties: Ohio Geological Survey, v. I, pt. 1, Geology, p. 481-533.
- [40] Roy, Andrew, 1876, The coal mines, with a sketch of the principal coal regions of the globe: Cleveland, Robinson, Savage and Co., 367 p.

- [41] Roy, Andrew, 1883a, Coal mining in Ohio: Ohio Mining Journal, v. 2, no. 1, p. 3-15.
- [42] _____ 1883b, The Ohio coal field: Ohio Mining Journal, v. 2, no. 1, p. 121-129.
- [43] _____ 1885, The practical miner's companion, or, Papers on geology and mining in the Ohio coal field: Columbus, 288 p.
- [44] _____ 1896, The mines and mining resources of Ohio, in Howe, Henry, Historical collections of Ohio: p. 110-118 (several editions with different dates and publishers).
- [45] Sanderson, T. W., 1907, Twentieth century history of Youngstown and Mahoning County, Ohio: Chicago, Biographical Publishing Co., 1,030 p.
- [46] Stoddard, Paul Wakelee, 1929, The knowledge of coal and iron in Ohio before 1835: Ohio Archaeological and Historical Quarterly, v. 38, p. 219-230.
- [47] Stout, Wilbur E., and Lamborn, Raymond E., 1924, Geology of Columbiana County: Ohio Geological Survey Bulletin 28, 408 p.
- [48] Stout, Wilbur E., and others, 1923, Coal formation clays of Ohio: Ohio Geological Survey Bulletin 26, 588 p.
- [49] Wormley, T. G., 1871, Report of the chemical department: Ohio Geological Survey Report of Progress in 1870, p. 401-462.
- [50] Whittlesey, Charles, 1869, Contributions to the geology of Ohio: Cleveland, Fairbanks, Benedict and Co., 48 p.
- [51] _____ 1872a, Glances at the geological survey: Whittlesey's Fugitive Essays, no. 2, 6 p.

- [52] Whittlesey, Charles, 1872b, History of the coal and iron business from Cleveland as it is: Cleveland, 8 p.
- [53] _____ 1874, Empire mining property, Salineville, Ohio: Cleveland, 11 p.
- [54] _____ 1883, Discovery of coal in Ohio and early mine work: Ohio Mining Journal, v. 2, no. 1, p. 15-17.
- [55] Young, L. W., and Stock, H. H., 1916, Subsidence resulting from mining: University of Illinois Engineering Experiment Station Bulletin 91, 205 p.
- [56] Ohio Division of Geological Survey, measured sections: open-file reference material.
- [57] Ohio Division of Water, water well records: open-file reference material.
- [58] Williams, H. Z., and Bro., 1882, History of Trumbull and Mahoning Counties: Cleveland, H. Z. Williams and Bro., v. I, II.
- [59] Lamborn, Raymond E., 1930, Geology of Jefferson County: Ohio Geological Survey Bulletin 35, 304 p.
- [60] Ohio Division of Mines Annual Reports: Ohio Department of Industrial Relations.
- [61] Wiggins & McKillop, 1875, Youngstown, past and present: Cleveland, Wiggins & McKillop, p. 59-65.
- [62] Everts, L. H., 1874, Combination atlas map of Trumbull County, Ohio: Chicago, L. H. Everts, 122 p.
- [63] Lake, D. J., 1870, Atlas of Columbiana County, Ohio: Philadelphia, C. O. Titus, 69 p.
- [64] DeLong, Richard M., 1957, Coal resources of the lower part of the Allegheny Formation in Ohio: Ohio Geological Survey Report of Investigations 31, 43 p.

ERRATUM

UTM entry: the number 17 should be disregarded; the six-digit and seven-digit numbers are x and y coordinates for the Ohio Coordinate System (North Zone), and are not UTM designations.