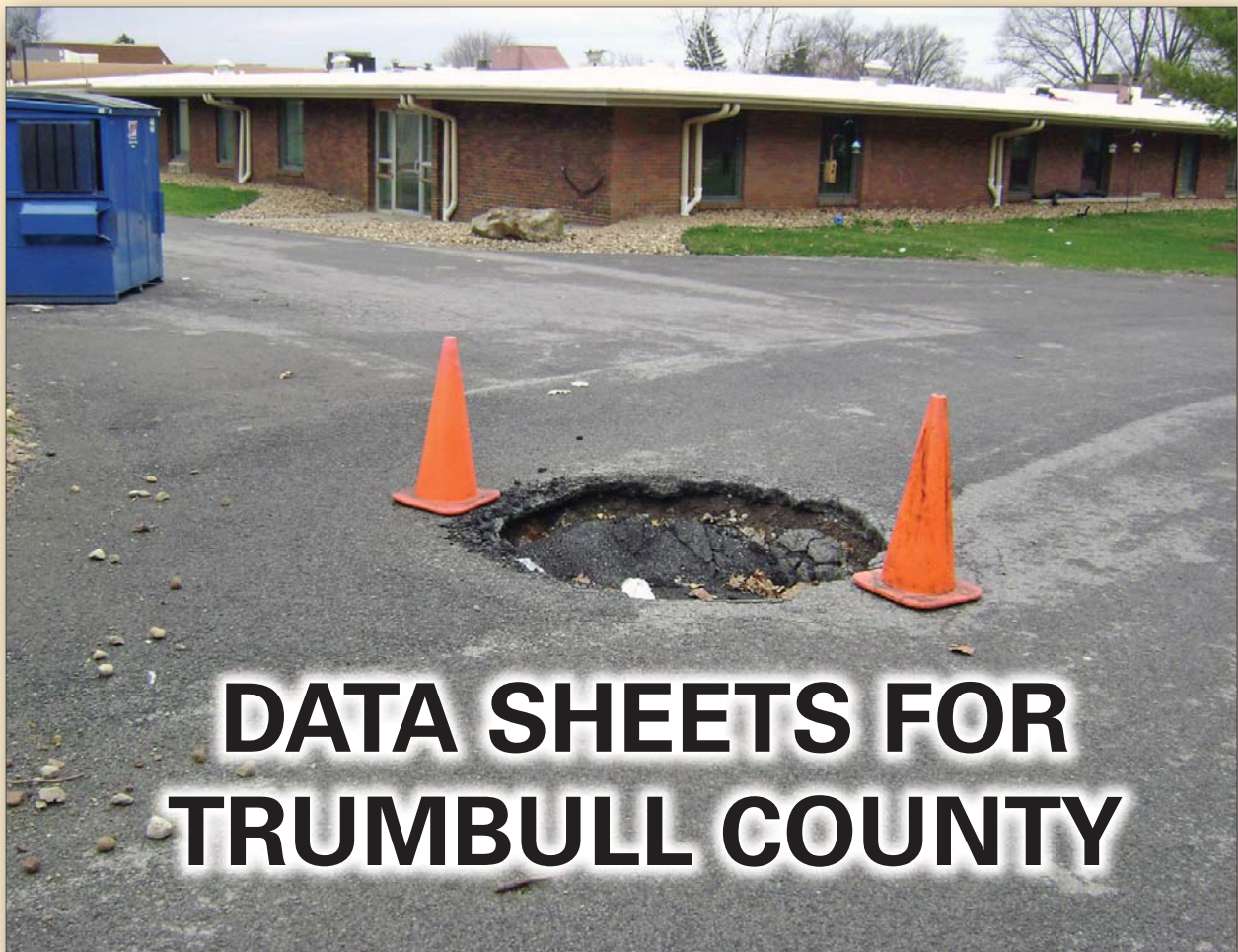


DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY
Lawrence H. Wickstrom, Chief

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

Trumbull County
Abandoned Underground Mine Data Sheets

DATA SHEETS FOR MAPPED
ABANDONED UNDERGROUND MINES

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Brookfield, Lots 9, 10; Hubbard, Lots 1, 2
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 564,400 2,519,900
 DIV MINES MAP NO: T1-1 OGS MINE NO: _____ USBM DOCUMENT NO: 321666
 MINE NAME: Stewart (No. 1); Stewart (1874-77) [2]

OPERATOR(S): Mahoning Coal Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1870 [61] DATE ABANDONED OR LAST SURVEY: 1877 [2]; 1874 [1]

TYPE OF MINE: slope [39]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA [1], [2], [5], [22: p. 7), [39: p. 499], [58: v. I,
 (SEE NUMBERED REFERENCE LIST): p. 96], [61: p. 63]

HAZARD POTENTIAL: moderate

REMARKS: Abandoned in 1870 [58].
 Production of 300 tons/day; located at Coalburg [22].
 Mine map [1] shows: 1 slope opening; 1 air shaft.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Lots 7, 8, 13, 14
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 548,400 2,509,100
 DIV MINES MAP NO: T1-2 OGS MINE NO: _____ USBM DOCUMENT NO: 321655
 MINE NAME: Church Hill (No. 2); Church Hill or Campbell

OPERATOR(S): Church Hill Coal Co.

DATE OPENED OR EARLIEST SURVEY: 1880 (1882 [2]) DATE ABANDONED OR LAST SURVEY: 1886

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 865' (topo)

SEAM THICKNESS: 2-4 1/2' (1882 [2])

COVER THICKNESS: 180' at shaft opening (1882 [2]); @ 165' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [36: p. 174], [38: p. 171]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: 1 mi SE of Church Hill (1882); A. J. McCartney, Supt., Thomas J. Williams, Mine Boss (1883-85); drawing pillars (1885); rooms 10 yds; ribs 8-10'; connects with Church Hill slope.
 Fuller and Sturgeon's [5] Campbell mine appears to be the same mine. Coal hauled by narrow gauge steam engine down to Churchill [5]. See Church Hill (No. 1) (T1-2) for further notes.

The approximate shaft location is in the vicinity of job site located about 300' west of Simpson Rd. and 1400' east of the W.S. Guy Elementary School on Shady Rd. Unable to locate shaft site; too overgrown. 10/2/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Lot 13

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 550,900 2,505,850

DIV MINES MAP NO: T1-2 OGS MINE NO: _____ USBM DOCUMENT NO: 321655

MINE NAME: Centennial [1]

OPERATOR(S): Church Hill Coal Co. ?

DATE OPENED OR EARLIEST SURVEY: 1876 [5] DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [5]

HAZARD POTENTIAL: high

REMARKS: Mine map T1-2 shows that the Centennial shaft is connected to the Church Hill mine; sunk at the northern end of Church Hill mine (1876). Mine is filled with dirt and some tin cans [5].

The shaft location is about 70' east of So Ann Lane, 550' north of Rt. 304, and 50' south of the driveway to the Ed Bauman residence, 4613 So Ann Lane. According to Mr. Bauman, the shaft was filled with dirt and graded over several years ago, and that So Ann Lane was once a railroad spur. 10/1/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Lots 7, 8, 13, 14
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 548,750 2,506,800
 DIV MINES MAP NO: T1-2; see also T1-5 OGS MINE NO: _____ USBM DOCUMENT NO: 321655; see also 321656
 MINE NAME: Church Hill (No. 1); Church Hill

OPERATOR(S): Church Hill Coal Co. (1874-87, 1864-65) [2]

DATE OPENED OR EARLIEST SURVEY: 1864 [58]; 1867 (1882 [2]) DATE ABANDONED OR LAST SURVEY: 1886 [2]; 1883 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: 2-4 1/2' (1882 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5], [22: p. 7], [36: p. 174], [38: p. 171], [40: p. 292], [58: v. I, p. 97; v. II, p. 430]

HAZARD POTENTIAL: moderate

REMARKS:
 Annual reports [2] indicate: near Church Hill, 1 mi N of Church Hill shaft; one of the most valuable mines, employed 300 miners & produced 100,000 tons/yr; connects with Church Hill shaft (1882); connects with Niles Coal Co.'s old shaft (abandoned 1880) & with south side of Kline slope (1883); drawing pillars (1883); Thomas J. Williams, Manager (1882); A. J. McCartney, Supt., Thomas J. Williams, Mine Boss (1883-85).
 Proximate analysis [38].
 Mine map [1] shows that the Centennial shaft is part of the Church Hill mine; map also shows 1 air shaft & 1 pumping shaft.
 T1-5 is an earlier map of the same mine.
 Girard now using water from this area by pumping from an old entry of the mine [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Brookfield, Lots 25, 26, 29, 30
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 572,900 2,526,600
 DIV MINES MAP NO: T1-3 OGS MINE NO: _____ USBM DOCUMENT NO: 321667
 MINE NAME: Keel Ridge (1885-1899 [27]); Klink [5]

OPERATOR(S): Witch Hazel Coal Co. (1899); Keel Ridge Coal Co. (1888-98);
Kimberly, Dunham & Williamson (1887); Kimberly, Dunham & Co. (1885-86)
[2]

DATE OPENED OR EARLIEST SURVEY: 1885 [2] DATE ABANDONED OR LAST SURVEY: 1899 [2];
1903 [1]

TYPE OF MINE: slope

COMMODITY MINED: coal

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

SEAM ELEVATION: 1040' (topo)

SEAM THICKNESS: 3' (1899 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5]

HAZARD POTENTIAL: moderate

REMARKS:
 Annual reports [2] indicate: near Brookfield (1888); near Coalburg on the LS & M RR (1891); 2 mi N of Coalburg (1894); Wm. B. Dunham, Supt., James T. Baker, Mine Boss (1889-94); David Jacobs, Supt. & Mine Boss (1899).
 Mine map [1] shows: 4 air shafts, 1 connecting with drain; 1 drift (drain) opening; several areas marked "old workings," extent unknown; 1 area marked "fallen old workings."
 Evidently this was a large mine. A lot of coal mined to the east and north especially. Slope with engine which pulled the cars out was west of the road. The slope must have practically gone in on the coal for there is Sharon in the ravine. East of the opening up the creek is an old air shaft now filled with dirt and branches. Slope filled with dirt. [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 15

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 562,400 2,531,900

DIV MINES MAP NO: T1-4; see also T1-18 OGS MINE NO: _____ USBM DOCUMENT NO: 321672; see also 321675

MINE NAME: Applegate or Shenango

OPERATOR(S): Shenango Coal Co. (1871-83) [2]; Mahoning Coal Co. [36]

DATE OPENED OR EARLIEST SURVEY: 1871 DATE ABANDONED OR LAST SURVEY: 1883 [2]; 1877 [1]

TYPE OF MINE: slope [2]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [22: p. 1], [26: p. 57], [36: p. 173], [58: v. I, p. 96]

HAZARD POTENTIAL: moderate

REMARKS: Also shown on mine map T1-18 connecting with Love mine.
Production of 250 tons/day (1882) [58].
Production of 300 tons/day [22].
Near the Hubbard Twp.-Brookfield Twp. line [36].
Rooms 25' wide; ribs 7' wide [1].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Liberty, Lots 7, 8, 13, 14
QUADRANGLE(S): Girard
UTM (CENTER OF MINE): 17 548,750 2,506,800
DIV MINES MAP NO: T1-5; see also T1-2 OGS MINE NO: _____ USBM DOCUMENT NO: 321656; see also 321655
MINE NAME: Church Hill

OPERATOR(S): Church Hill Coal Co. [1]

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

TYPE OF MINE: slope

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

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

HAZARD POTENTIAL: moderate

REMARKS: See T1-2 for remarks.
Rooms 25'-50' wide; ribs 7' wide [1].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Weathersfield, Lot 29
 QUADRANGLE(S): Warren
 UTM (CENTER OF MINE): 17 539,500 2,476,050
 DIV MINES MAP NO: T1-6; see also Mg-39 OGS MINE NO: _____ USBM DOCUMENT NO: 321668; see also 321588
 MINE NAME: Blunt [1]

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

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

TYPE OF MINE: slope

COMMODITY MINED: coal

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

SEAM ELEVATION: 955' [5]

SEAM THICKNESS: 4' [1]

COVER THICKNESS: 35'-45' [5]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope partially slumped in. Immediately south of the slope is an air shaft which is filled with water and which helps drain the Ridge into what is locally known as Sulphur Creek. Located on the Davis farm now owned by Knight and originally by Davey Harris. Just north of slope Mr. Knight made several small openings (shafts) during the Depression, none of which were very successful [5].
 Rooms 30' wide [1].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 18

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 542,400 2,477,450

DIV MINES MAP NO: T1-6 OGS MINE NO: _____ USBM DOCUMENT NO: 321668

MINE NAME: Ashland

OPERATOR(S): Ward, Warner & Co. (1874-77) [2]; Jonathan Warner (1856) [58]

DATE OPENED OR EARLIEST SURVEY: 1856 [58] DATE ABANDONED OR LAST SURVEY: 1889 [1]

TYPE OF MINE: slope

COMMODITY MINED: coal

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

SEAM ELEVATION: 950' (topo)

SEAM THICKNESS: 4' [1]

COVER THICKNESS: 60' [5]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [5], [22: p. 7], [58:v. I, p. 94, v. II, p. 236]

HAZARD POTENTIAL: moderate

REMARKS: W. T. Williams, Manager (1875) [2].
Slope filled with dirt [5].
Rooms 30' wide [1].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Weathersfield, Lot 18
 QUADRANGLE(S): Warren
 UTM (CENTER OF MINE): 17 541,200 2,478,000
 DIV MINES MAP NO: T1-6; see also Mg-39 OGS MINE NO: _____ USBM DOCUMENT NO: 321668; see also 321588
 MINE NAME: Cambria (No. 1); Cambria; Morris & Price [5]

OPERATOR(S): W. Williams & Co. (1877) [2]; Ward, Warner & Co. (1875-76) [2];
 Morris & Price (1850) [58]

DATE OPENED OR EARLIEST SURVEY: 1850 [58] DATE ABANDONED OR LAST SURVEY: 1877?

TYPE OF MINE: slope

COMMODITY MINED: coal

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

SEAM ELEVATION: 920' (topo)

SEAM THICKNESS: 4' [1]

COVER THICKNESS: 90' [5]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5], [22: p. 7], [58: v. II, p. 236]

HAZARD POTENTIAL: moderate

REMARKS: Connects with Cambria shaft of Ashland & Peacock mines; Wm. Edwards, Manager (1875) [2].
 Butt entries 100 yds apart, rooms 9-10 yds, pillars 6'; water from Peacock mine & Morris & Price slope drain out here [22].
 Slope filled with dirt [5].
 Rooms: 30' wide [1].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 19

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 539,400 2,479,900

DIV MINES MAP NO: T1-6; see also OGS MINE NO: _____ USBM DOCUMENT NO: 321668; see also 321588

MINE NAME: Mg-39 Cambria (No. 2); Cambria (1884-89); Morris & Price (1883) [2]

OPERATOR(S): Sampson, Walker & Co. (1885-88); Wm. T. Williams (1884); Morris & Price (1883) [2]

DATE OPENED OR EARLIEST SURVEY: 1883? DATE ABANDONED OR LAST SURVEY: 1889

TYPE OF MINE: shaft

COMMODITY MINED: coal

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

SEAM ELEVATION: 875' (topo)

SEAM THICKNESS: 3' [31]; 4' [1]

COVER THICKNESS: 140' at shaft opening [5]; 126'10" [31]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [5], [31: p. 800], [36: p. 175]

HAZARD POTENTIAL: high

REMARKS: Annual reports indicate: John T. Williams, Supt., Wm. T. Williams, Mine Boss (1883); Wm. T. Williams, Supt. & Mine Boss (1884); John W. Sampson, Supt. (1885-86); Frank McIntosh, Mine Boss (1885); George Stanfield, Supt. (1887); David Griffiths, Mine Boss (1886-87); E. G. Marshall, Supt., Wm. Dunn, Mine Boss (1888); connects with Peacock & Ashland mines & Cambria slope; drawing pillars (1887). Shaft filled with dirt [5]. Rooms 30' wide [1].

According to Russell Lewis, 1516 County Line Rd., the shaft location is about 60' north of County Line Rd. underneath the Donald Lykins residence at 1723 1/2 County Line Rd. About 20' east of an abandoned railroad bed on the east side of Cemetery and 300' north of County Line Rd. is a trash-filled depression (air shaft) about 15-20' in diameter. 9/24/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 29

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 540,100 2,476,050

DIV MINES MAP NO: T1-6; see also Mg-39 OGS MINE NO: _____ USBM DOCUMENT NO: 321668; see also 321588

MINE NAME: Osborne (1888-89); Marshall (1886-87); Osborne (1882-83) [2]

OPERATOR(S): Todd, Wells & Co. (1884-89) [2]; Osborne Coal Co. (1882-83) [2]; Andrews Bros. [22]

DATE OPENED OR EARLIEST SURVEY: 1876 DATE ABANDONED OR LAST SURVEY: 1889

TYPE OF MINE: slope

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: 4' [1]

COVER THICKNESS: 25' [5]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA [1], [2], [5], [22: p. 7], [36: p. 175], [58: v. I, p. 97, v. II, p. 237]
(SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: moderate

REMARKS:

Annual reports [2] indicate: idle for several years (1882); drawing pillars (1882); Evan Morris, Supt., Richard Perkins, Mine Boss (1882); E. G. Marshall, Supt., Wm. Dunn, Mine Boss (1884-86); E. B. Wells, Supt. (1888); Wm. K. Davis, Mine Boss (1887-88); connects with the Ashland & Cambria mines. Production of 300 tons/day; rooms 8-10 yds; ribs 6' x 12' [22]. Slope filled with dirt. Connects with the other mines for it was designed to rob the pillars of the other mines. One of the last operations in the region [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 19

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 539,700 2,476,350

DIV MINES MAP NO: T1-6; see also Mg-39 OGS MINE NO: _____ USBM DOCUMENT NO: 321668; see also 321588

MINE NAME: Willow

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: T1-6; see also Mg-39 DATE ABANDONED OR LAST SURVEY: 321668; see also 321558

TYPE OF MINE: slope

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: 4' [1]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

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

HAZARD POTENTIAL: moderate

REMARKS: Connects with the other mines shown on T1-6 and Mg-39 [1]. Rooms 30' wide [1].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Vienna, Lot 3
QUADRANGLE(S): Girard
UTM (CENTER OF MINE): 17 575,100 2,514,100
DIV MINES MAP NO: T1-7 OGS MINE NO: _____ USBM DOCUMENT NO: 321657
MINE NAME: Vienna (No. 1); Vienna (1875-77); Vienna (Shoo Fly) (1874) [2]

OPERATOR(S): Vienna Coal & Iron Co.; Vienna Coal Co.

DATE OPENED OR EARLIEST SURVEY: 1869 [58] DATE ABANDONED OR LAST SURVEY: 1877 [2]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 1080' (topo)

SEAM THICKNESS: 3'8"-4'6" [1]

COVER THICKNESS: 60-70' (core holes #12, 15 [1])

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA [1], [2], [5], [22: p. 7], [58: v. I, p. 97, v. II,
(SEE NUMBERED REFERENCE LIST): p. 453]

HAZARD POTENTIAL: moderate

REMARKS: Production of 250 tons/day [22].
Mine map [1] shows: 2 air shafts; rooms 25'-50' wide; ribs 5' wide.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Lots 9, 17
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 576,600 510,400
 DIV MINES MAP NO: T1-8 OGS MINE NO: _____ USBM DOCUMENT NO: 321658
 MINE NAME: Vienna (No. 2); Vienna (1884, 1874-77) [2]

OPERATOR(S): Stewart Coal Co. (1884); Vienna Coal & Iron Co. (1874-77) [2];
Vienna Coal Co. (1869) [58]

DATE OPENED OR EARLIEST SURVEY: 1869 [58] DATE ABANDONED OR LAST SURVEY: 1884 [2]

TYPE OF MINE: shaft

COMMODITY MINED: coal

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

SEAM ELEVATION: 1050' (topo)

SEAM THICKNESS: 0-4 1/2' [5]

COVER THICKNESS: 120' at shaft opening [26], [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [22: p. 7], [26: p. 57], [58: v. I,

HAZARD POTENTIAL: high p. 97, v. II, p. 453]

REMARKS: John P. Morris, Supt., Thomas E. Thomas, Mine Boss (1884) [2].
 Production of 250 tons/day [22].
 Mine out, 1870 [58].
 Slope entrance is shown on the mine map; extent of east portion
 of mine probably not shown; rooms 30-50' wide; ribs 7' wide [1].
 Shaft filled with water and stumps [5].

The shaft location is about 100' west of an abandoned railroad siding and 600' north of Coal Rd. The site is marked by a water-filled depression about 20' in diameter. Some gob is scattered about. 9/25/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Hubbard, Lots 19, 20
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 560,300 2,521,600
 DIV MINES MAP NO: T1-9 OGS MINE NO: _____ USBM DOCUMENT NO: 321673
 MINE NAME: Mahoning No. 3

OPERATOR(S): Mahoning Coal Co. (1874-83) [2]

DATE OPENED OR EARLIEST SURVEY: 1870 [61] DATE ABANDONED OR LAST SURVEY: 1883 [2]; 1874 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5], [22: p. 7], [61: p. 63]

HAZARD POTENTIAL: moderate

REMARKS: Charles Herbert, Manager (1875) [2].
 Production of 400 tons/day; at Coalburg [22].
 Slope filled with rubbish; operated for a long time; connects with
 Mahoning No. 8 [5].
 Mine map [1] shows 1 slope.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Lot 17
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 557,700 2,512,300
 DIV MINES MAP NO: T1-10 OGS MINE NO: _____ USBM DOCUMENT NO: 321659
 MINE NAME: Sodom; McCurdy (1876) [2]

OPERATOR(S): McCurdy Coal Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1871 [61] DATE ABANDONED OR LAST SURVEY: 1877 [2]; 1876 [1]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: 100'+ [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA [1], [2], [22: p. 7], [58: v. I, p. 97], [61: p. 64]
 (SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: moderate

REMARKS: Production of 200 tons/day [22].
 Mine map [1] shows 1 air shaft beside the slope; rooms 30-50' wide;
 ribs 10'-15' wide.
 Slope 500' in length [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Great Lot 2
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 571,900 2,514,700
 DIV MINES MAP NO: T1-11 OGS MINE NO: 11 ^{See also} USBM DOCUMENT NO: 321660
 MINE NAME: Harrison [1]; Carlton Bank [5]

OPERATOR(S): Harrison Coal Co. (1888) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 DATE ABANDONED OR LAST SURVEY: 1891 [2]; 1892 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: 3'6"-6'0" [1]

COVER THICKNESS: 100'-110' [5]; 125' [1]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: A. J. McCartney, Supt. (1888-90); Wm. Young, Mine Boss (1888-89); John Brunswick, Mine Boss (1890); near Vienna (1888); drawing pillars (1890); abandoned (1891).
 Mine map [1] shows the Rag Weed shaft & Stewart (No. 2) mine; notation on map states that "the coal was not stable and very little was mined"; rooms 10 yds wide.
 Shaft filled with rubbish [5].

The Ragweed opening shown on the mine map for T1-11 is in the same approximate location as the Brunswick opening (OGS 11). According to Mr. Kelly, 5160 Brunswick Lane, the approximate shaft location is about 1800' east of Sodom-Hutchings Rd. Unable to locate; too overgrown. 10/1/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Great Lot 2
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 572,300 2,513,700
 DIV MINES MAP NO: T1-11 OGS MINE NO: _____ USBM DOCUMENT NO: also 321662; see 321660
 MINE NAME: Stewart (No. 2); Stewart (1887-90)

OPERATOR(S): Evan Morris & Sons [1]

DATE OPENED OR EARLIEST SURVEY: 1887 [2] DATE ABANDONED OR LAST SURVEY: 1889 [2]; 1890 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 1040' (topo)

SEAM THICKNESS: 1' 8" - 3' 9"

COVER THICKNESS: 105' at shaft opening [5]; 125' [1]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: D. D. Morris, Sup. (1887-88); Thos. E. Thomas, Mine Boss (1887); August Brunswick, Mine Boss (1888); abandoned (1889).
 This mine shown on map T1-11 (Harrison mine).

Approximate shaft location is about 400' east of Seeborn-Hutzelings Rd. and 80' south of driveway. Shaft may be in the vicinity of a horse-riding arena. Area is graded over; no visible depression. 10/1/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Lots 3, 4, 7, 8

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 545,300 2,508,900

DIV MINES MAP NO: T1-12 see also T1-2 OGS MINE NO: _____ USBM DOCUMENT NO: 321661; see also 321655

MINE NAME: Niles [1]

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

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

TYPE OF MINE: slope & shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 900' (topo)

SEAM THICKNESS: 4' [5]

COVER THICKNESS: 180' at shaft opening [39]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [5], [39: p. 499]

HAZARD POTENTIAL: moderate and high

REMARKS: Shaft slumped and filled with trash [5].
Connects with T1-2 (Church Hill mine); rooms 20-40' wide; ribs 5' wide [1].

The approximate shaft location is about 170' north of Ravine Rd. and 100' northwest of new house at 580 Ravine Rd. The site is marked by a depression bounded by gob on all sides at the end of an abandoned railroad bed. 10/2/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lots 53, 68 (?)

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 546,500 2,538,900

DIV MINES MAP NO: T1-13; see also T1-16 (?) OGS MINE NO: _____ USBM DOCUMENT NO: 321674; see also 321670

MINE NAME: Jacobs No. 2; Jacobs & Matthews [1]

OPERATOR(S): Jacobs Coal Co. (1886-88); P. Jacobs & Son (1882-85) [2]

DATE OPENED OR EARLIEST SURVEY: 1882 [2] DATE ABANDONED OR LAST SURVEY: 1888 [2]; 1893 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 950' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 100' at shaft opening (1882 [2])

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [5]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: new shaft E of Hubbard (1882); shaft 100' x 7' x 3' (1882); 2 mi SE of Hubbard (1883); slope had been opened (1885); drawing pillars (1886); Thomas H. Williams, Mine Boss (1882, 1885-87); Orrin Jacobs, Supt. (1885-86); abandoned (1888). Mine map [1] shows: 1 shaft opening, 1 slope opening. Shaft filled with dirt; railroad mine; larger than P. Jacobs and Son's No. 3 mine but smaller than Jacobs' No. 1; shaft at SE corner of V. G. Evanick home [5].

The shaft location is about 70' north of Hubbard Bedford Rd. under the southeast corner of the residence at 7623 Hubbard Bedford Rd. About 480' north of Hubbard Bedford Rd. and 420' northeast of residence is a slumped-in slope opening about 15 x 30' in dimension and filled with trash. Information source: John Petrusko, 7599 Hubbard Bedford Rd. 10/8/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Lot 20
 QUADRANGLE(S): Cortland
 UTM (CENTER OF MINE): 17 582,800 2,506,900
 DIV MINES MAP NO: T1-15 OGS MINE NO: 21 ^{See also} USBM DOCUMENT NO: 321669
 MINE NAME: Hamilton; Hamelton [22]; Strip and At It [57]

OPERATOR(S): Hamilton Coal Co.; Hamelton Coal Co. [22]

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

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [22: p. 7], [57]

HAZARD POTENTIAL: high

REMARKS: Production of 200 tons/day [22].

See OGS 21 for further remarks.

The shaft location is about 3600' east of Youngstown-Kingsville Rd. (Rt. 193) and 5800' north of Warren-Sharon Rd. on the property of Paul Shoff, 4567 Warren-Sharon Rd. The site is marked by a wafer-filled rectangular depression about 8x16' in dimension and containing some logs. The site is about 100' east of a small gob pile and a beaver pond (swampy area). 10/1/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: T1-16; see also OGS MINE NO: _____ USBM DOCUMENT NO: 321670; see
T1-13 also 321674

MINE NAME: Jacobs No. 2 [1]

OPERATOR(S): P. Jacobs & Sons [1]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1893 [1]

TYPE OF MINE: _____

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

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

HAZARD POTENTIAL: not evaluated

REMARKS: Not located.
May be an extension of T1-13.
For remarks see T1-13.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: T1-17; see also T1-16 OGS MINE NO: _____ USBM DOCUMENT NO: also 321670 321671; see

MINE NAME: Hudson [1]

OPERATOR(S): Jacobs Bros. [1]

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

TYPE OF MINE: _____

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

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

HAZARD POTENTIAL: not evaluated

REMARKS: Not located.
This mine also shown on T1-16.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Hubbard, Great Lots 15, 16
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 559,500 2,531,700
 DIV MINES MAP NO: T1-18 OGS MINE NO: _____ USBM DOCUMENT NO: 321675
 MINE NAME: Adams [1]

OPERATOR(S): Wm. Adams (1888-90) [1]

DATE OPENED OR EARLIEST SURVEY: 1888 [2] DATE ABANDONED OR LAST SURVEY: 1881 [1]; 1890 [2]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: 2'6"-4'6" [1]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5]

HAZARD POTENTIAL: high

REMARKS: Hole through to old Hall's shaft; drawing pillars (1889) [2].
 Over 40 years ago this was a pillar-robbing operation on the
 Cramer mines [5].
 Mine map [1] shows 1 shaft opening.

*Unable to locate. May have been obscured by the construction of
 Rt. 62 or is under Rt. 62. About 2000' to the southeast of the
 general shaft location are several slumped-in slope openings. 10/7/80. DC.*

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Great Lot 15

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 559,300 2,532,900

DIV MINES MAP NO: T1-18 OGS MINE NO: _____ USBM DOCUMENT NO: 321675

MINE NAME: Burnett (1874-83) [2]; Cramer No. 2 [5]

OPERATOR(S): Andrews & Hitchcock (1880-83); Burnett Coal Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1863 [61] DATE ABANDONED OR LAST SURVEY: 1881 [1]; 1883 [2]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [2], [5], [22: p. 7], [58: v. II, p. 365], [61: p. 62]

HAZARD POTENTIAL: moderate

REMARKS: To connect with Love slope (1874) [2].
Production of 450 tons/day [22].
Large railroad mine; slope caved in [5].
Mine map [1] shows 1 slope opening.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Hubbard, Great Lots 14, 15, 16
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 561,500 2,532,000
 DIV MINES MAP NO: T1-18 OGS MINE NO: _____ USBM DOCUMENT NO: 321675
 MINE NAME: Love (1874-83) [2]; Lane [5]

OPERATOR(S): Andrews & Hitchcock (1875-83) [2]

DATE OPENED OR EARLIEST SURVEY: 1872 [61] DATE ABANDONED OR LAST SURVEY: 1881 [1]; 1883 [2]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: 2'9"-4'0" [1]; 3'-5' [5]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA [1], [2], [5], [22: p. 7]; [36: p. 173], [58: v. II, p. 365], [61: p. 62]
 (SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: moderate

REMARKS:

Annual reports [2] indicate: will connect with Burnett slope (T1-18) (1874); Abner Lane, Manager (1875); 1 mi E of Coalburg (1883); holed through to the old Cramer slope (same as Burnett); drawing pillars & abandoned (1883).
 Production of 400 tons/day [22].
 Mine map [1] shows: 1 slope opening; connection between the Love & the Applegate (No. 1) mines.
 Slope 300 yds long, filled with trash; very large operation; this mine connected with the Brookfield slope and the Cramer mines and also the Cleveland and Applegate; over 2,000 people worked in the Love and Cramer mines at one time [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Lot 14

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 551,300 2,511,000

DIV MINES MAP NO: T1-19; see also 321663; see
T1-2 and T1-23 OGS MINE NO: _____ USBM DOCUMENT NO: also 321655

MINE NAME: Blaine (1883-85) [2]; High (1882) [2]; High Tone [5]

OPERATOR(S): Morris, Sampson & Co. (1883-85) [2]

DATE OPENED OR EARLIEST SURVEY: 1882 [1] DATE ABANDONED OR LAST SURVEY: 1885; 1903 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1 [38]

SEAM ELEVATION: _____

SEAM THICKNESS: 8"-2'6" [1]

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5], [36: p. 174], [38: p. 172]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: 1 mi E of Church Hill (1882); 1 1/2 mi E of Church Hill (1883); within 100 yds of Church Hill shaft (1883); William Jones, Mine Boss (1882); David Morris, Supt., John Kennedy, Mine Boss (1883-84); drawing pillars (1884); worked out and abandoned (1885).
 Proximate analysis [38]. Shaft filled with trash [5].
 Mine maps T1-2 and T1-23 show extensions of this mine.

See T1-23 for further remarks.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Brookfield, Lots 46, 47, 62, 63, 64, 65
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 570,200 2,535,600
 DIV MINES MAP NO: T1-20 OGS MINE NO: _____ USBM DOCUMENT NO: 321676
 MINE NAME: Brookfield [1]

OPERATOR(S): Sharon Iron Co. (1882-93); Massillon City Coal Co. (1881);
 Brookfield Coal Co. (1874-80) [2]

DATE OPENED OR EARLIEST SURVEY: 1862 (1874 [2]) DATE ABANDONED OR LAST SURVEY: 1890 [1];
 1893 [2]

TYPE OF MINE: slope [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 940'
 1020' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: @80' [39]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [2], [5], [22: p.7], [26: p. 58], [39: p. 498],
 [58: v. I, p. 97]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: 1 mi E of Brookfield; holed into Cleveland shaft (1882); John Jones II, Manager (1875); Jonathan Head, Supt., John McIntosh, Mine Boss (1883); John McIntosh, Supt. (1884-89); Frank Ramage, Mine Boss (1884-93); D. Adams, Supt. (1890-93); 2 1/4 mi SW of Curtis Hill drift, 1 mi W of Shenango R., 300' above river level (1875); 12 inlets (1883); drawing pillars (1886); portions of mine 3 mi from slope (1884).
 Production of 450 tons/day [22]; 300 tons/day [58].
 Butt entries 200 yds; rooms 4 yds x 7 yds; pillars 5 yds x 7 yds [22].
 Mine map [1] shows 1 slope opening, 3 air shafts, opening to Mazie's mine.
 Shaft filled with dirt [5]. According to the Ohio Division of Reclamation a program to stabilize the shaft site is in progress.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Weathersfield, Lot 8; Austintown, Great Lot 2
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 539,800 2,484,500
 DIV MINES MAP NO: T1-21 OGS MINE NO: _____ USBM DOCUMENT NO: 321664
 MINE NAME: Weathersfield (1874-77) [5]; Withersfield [1]

OPERATOR(S): D. Morris & Co. [36]; H. A. Wick & Co. (1877) [2]; Wise Coal Co. (1874-76) [2]; Withersfield Coal Co.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1868 [1]; 1877 [2]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 895' (topo)

SEAM THICKNESS: up to 7' [5]; 3'-6' [1]

COVER THICKNESS: 150'-160' at shaft opening [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA [1], [2], [5], [22: p. 7], [36: p. 175], [58: v. I, p. 97, v. II, p. 237]
 (SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: high

REMARKS: Drawing pillars in 1880 [58].
 Production of 250 tons/day [22].
 1 shaft entry & 1 air shaft; opened at the end of an abandoned mine for which no map exists; Thomas Morris, Mine Boss (1874) [2].
 Rooms 8-10 yds wide [1].
 Connects underground with the Kimberly mine (OGS 69).

The approximate shaft location is about 450' north of County Line Rd. and 800' west of Fourmile Rd. Several "red dog" sites are in the vicinity as well as an abandoned pump (?) house. 9/24/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Lots 1, 2
 QUADRANGLE(S): Girard, Sharon West
 UTM (CENTER OF MINE): 17 570,600 2,515,800
 DIV MINES MAP NO: T1-22 OGS MINE NO: _____ USBM DOCUMENT NO: 321665
 MINE NAME: Walls Kerr [1]; Blue Ribbon [5]

OPERATOR(S): Joe M. Epstein; Walls Kerr Coal Co.; Walls Bros. [5]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1935 [1]

TYPE OF MINE: shaft [1]

COMMODITY MINED: coal

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

SEAM ELEVATION: 1055' (topo)

SEAM THICKNESS: 4'-6' [1]

COVER THICKNESS: 110' at shaft opening [1]; 100' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [1], [5]

HAZARD POTENTIAL: high

REMARKS: Mine map [1] shows workings of another mine; rooms 20'-30' wide;
 ribs 5'-10' wide.
 Took out 4 or 5 acres of coal [5].

The shaft location is about 1800' west of Warner Rd. and 150' south of lane, approximately, at southeast corner of base of large gab pile. According Mrs. Robert Blakley, the shaft was filled and graded over. About 2100' west of Warner Rd. and 300' northwest of shaft site is a water-filled depression (air shaft) about 25' in diameter containing some fallen trees. 10/1/80. DC.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Lot 14
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 551,300 2,511,000
 DIV MINES MAP NO: T1-23; see also T1-19, T1-2 OGS MINE NO: _____ none for T1-23; see
 USBM DOCUMENT NO: 321663, 321655
 MINE NAME: Blaine or High Tone [1]

OPERATOR(S): _____

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

TYPE OF MINE: shaft [1]

COMMODITY MINED: _____

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

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

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

HAZARD POTENTIAL: high

REMARKS: See T1-19 for remarks.
 T1-23 shows extensions of T1-19.

Unable to locate. Possibly located in built up area of Cedar Park housing development. Overbrook Dr. dead ends into an abandoned railroad bed. A possible slope opening is located about 200' north of Overbrook Dr. and 30' west of the abandoned railroad bed. 10/2/80. DC.

DATA SHEETS FOR UNMAPPED AND
LOCATED ABANDONED UNDERGROUND MINES

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Weathersfield, Lot 30
 QUADRANGLE(S): Warren
 UTM (CENTER OF MINE): 17 541,200 2,474,800
 DIV MINES MAP NO: _____ OGS MINE NO: 1 USBM DOCUMENT NO: _____
 MINE NAME: Mineral Ridge Drain

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: Sharon No. 1

SEAM ELEVATION: 940' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: low

REMARKS: Fuller and Sturgeon [5] located mine on the Warren 15-minute quad but did not comment on it in their report.
 Mine served as a drain to the mines at Mineral Ridge.
 Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 15

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 545,900 2,478,600

DIV MINES MAP NO: _____ OGS MINE NO: 2 USBM DOCUMENT NO: _____

MINE NAME: Payne

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: @ 1840 [5]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 15

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 545,600 2,477,900

DIV MINES MAP NO: _____ OGS MINE NO: 3 USBM DOCUMENT NO: _____

MINE NAME: New Found Out [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 17

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 544,100 2,479,300

DIV MINES MAP NO: _____ OGS MINE NO: 4 USBM DOCUMENT NO: _____

MINE NAME: Peacock (No. 1); Peacock

OPERATOR(S): Pierce, Brooks & Co. [36]; W. I. Metcalf [58]; John Warner [22];
Rice, French, Cook & Co. (1880 [2])

DATE OPENED OR EARLIEST SURVEY: 1853 [58] DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft [27], [36]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Black band vein" [27]

SEAM ELEVATION: 940' (topo)

SEAM THICKNESS: 3'2" aver., 2'-4' [27]

COVER THICKNESS: 90' [5]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA [2], [5], [22: p. 7], [27: p. 22], [36: p. 175],
(SEE NUMBERED REFERENCE LIST): [58: v. I, p. 97, v. II, p. 236, 237]

HAZARD POTENTIAL: high

REMARKS: Opened in 1853 [58].
The 1st coal shipped to Cleveland from Mineral Ridge was from this mine
in 1857 (1880) [2].
Within 2 mi of Niles; measured section [27].
Shaft filled with dirt; to the east is an air shaft [5].
Connects with mines shown on T1-6.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Weathersfield, Lot 17
 QUADRANGLE(S): Warren
 UTM (CENTER OF MINE): 17 543,100 2,478,350
 DIV MINES MAP NO: see T1-6 OGS MINE NO: 5 USBM DOCUMENT NO: see 321668
 MINE NAME: Peacock (No. 2); Peacock

OPERATOR(S): Peacock Coal Co. (1891-92); Greenwell Bros. (1888); Sampson,
 Walker & Co. (1885-88) [2]

DATE OPENED OR EARLIEST SURVEY: ?; reopened 1885 DATE ABANDONED OR LAST SURVEY: 1893

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 890' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: @ 130' [5]

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: connects with Cambria shaft; John W. Sampson, Supt., Frank McIntosh, Mine Boss (1885); mine buildings burned down (1886); George W. Canfield, Supt., David Griffiths, Mine Boss (1887); leased to Greenwell Bros. (1888).
 Portion of this mine is shown on T1-6; connects with mines shown on T1-6; shaft located by Fuller and Sturgeon [5]; slope filled with dirt [5].
 Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 37

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 543,100 2,476,150

DIV MINES MAP NO: _____ OGS MINE NO: 6 USBM DOCUMENT NO: _____

MINE NAME: Traveler's Rest [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 30

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 541,000 2,475,100

DIV MINES MAP NO: _____ OGS MINE NO: 7 USBM DOCUMENT NO: _____

MINE NAME: Lewis [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Two slope openings filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Lot 8
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 570,450 2,512,500
 DIV MINES MAP NO: _____ OGS MINE NO: 8 USBM DOCUMENT NO: _____
 MINE NAME: Ganow [5]

OPERATOR(S): Vienna Coal Mining Co. [5]

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

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1040' (topo)

SEAM THICKNESS: 3 1/2'-6' [5]

COVER THICKNESS: 125' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: high

REMARKS: Last shaft to open in this region; mine was still in operation as of 1941; closed in 1937 and reopened in 1939; worked out about 2 acres [5].
 Coal identified by elevation.
 According to the Ohio Division of Reclamation a program to stabilize the shaft site is in progress.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 18

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 579,500 2,506,400

DIV MINES MAP NO: _____ OGS MINE NO: 9 USBM DOCUMENT NO: _____

MINE NAME: Shoo Fly [5]

OPERATOR(S): Andrews & Co.

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1075' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 80' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [58]

HAZARD POTENTIAL: moderate

REMARKS: Operated for 5 or 6 years; slope filled with old cars [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 9

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 574,600 2,511,550

DIV MINES MAP NO: see T1-11 OGS MINE NO: 10 USBM DOCUMENT NO: see 321660

MINE NAME: Ragweed [5]

OPERATOR(S): Vienna Coal & Iron Co. [5]

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

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: @ 100' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [5]

HAZARD POTENTIAL: high

REMARKS: Approximate location of Ragweed mine is shown on T1-11 (Harrison mine) [1].
Shaft filled with dirt [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 2

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 571,400 2,512,900

DIV MINES MAP NO: _____ OGS MINE NO: 11 USBM DOCUMENT NO: _____

MINE NAME: Brunswick [5]

OPERATOR(S): _____

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

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: high

REMARKS: On the Brunswick farm, behind old Brunswick house; shaft filled with dirt; small operation [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 7

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 568,200 2,512,150

DIV MINES MAP NO: _____ OGS MINE NO: 12 USBM DOCUMENT NO: _____

MINE NAME: Holliday [5]; Halliday [58]

OPERATOR(S): C. H. Andrews & Co. (1874-1883) [2], [5]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1883

TYPE OF MINE: slope (1874-1883 [2]), [5]; shaft [58]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below ?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5], [22: p. 7], [58: v. I, p. 97]

HAZARD POTENTIAL: moderate

REMARKS: Production of 400 tons/day [22].
 Nearly done in 1870 & worked only parttime in 1880 [58].
 Slope filled with rubbish [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Great Lot 1
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 566,850 2,514,650
 DIV MINES MAP NO: _____ OGS MINE NO: 13 USBM DOCUMENT NO: _____
 MINE NAME: Barber [5]

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: Sharon No. 1

SEAM ELEVATION: 1090' [5]

SEAM THICKNESS: _____

COVER THICKNESS: @100' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [5], [60]

HAZARD POTENTIAL: high

REMARKS: Shaft filled with rubbish [5].
 Shaft still open, filled with water [personal communication, Professor
 Ann Harris, Youngstown State University, 1980].
 Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Great Lot 1

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 568,400 2,517,100

DIV MINES MAP NO: _____ OGS MINE NO: 14 USBM DOCUMENT NO: _____

MINE NAME: Moore [5]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

TYPE OF MINE: slope [58]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [58: v. I, p. 97]

HAZARD POTENTIAL: moderate

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Great Lot 1

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 569,300 2,517,500

DIV MINES MAP NO: _____ OGS MINE NO: 15 USBM DOCUMENT NO: _____

MINE NAME: Corn Cob [5]

OPERATOR(S): Wawkin Bros. [5]

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

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: 0-4 1/2', 3' aver. [5]

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope filled with water [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Great Lot 3

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 577,450 2,513,050

DIV MINES MAP NO: _____ OGS MINE NO: 16 USBM DOCUMENT NO: _____

MINE NAME: George Chamberlin [5]

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: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: high

REMARKS: Shaft filled with rubbish [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 45

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 577,500 2,508,200

DIV MINES MAP NO: _____ OGS MINE NO: 17 USBM DOCUMENT NO: _____

MINE NAME: Rogers (1887) [2]; Rogers Bank [5]; Vienna (1886-87) [2]

OPERATOR(S): Morris Coal Co. (1886-87) [2]

DATE OPENED OR EARLIEST SURVEY: 1885 DATE ABANDONED OR LAST SURVEY: 1887

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

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

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 100' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [1], [5]

HAZARD POTENTIAL: high

REMARKS: Near Vienna; new mine; D. D. Morris, Supt., Thomas E. Thomas, Mine Boss
(1886) [2].
Shaft filled with dirt [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Vienna, Lot 25
QUADRANGLE(S): Girard
UTM (CENTER OF MINE): 17 572,300 2,504,450
DIV MINES MAP NO: _____ OGS MINE NO: 18 USBM DOCUMENT NO: _____
MINE NAME: McClurg [5]

OPERATOR(S): Brunswick [5]

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

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1030' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 80' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: high

REMARKS: West of the golf course along a telephone line there is evidence of a shaft, but little of the dump is left. Shaft filled with dirt [5]. Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 16

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 573,700 2,508,400

DIV MINES MAP NO: _____ OGS MINE NO: 19 USBM DOCUMENT NO: _____

MINE NAME: Blackberry [5]

OPERATOR(S): Vienna Coal & Iron Co. [5]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5], [58: v. I, p. 97]

HAZARD POTENTIAL: high

REMARKS: Shaft filled with trash. Several air shafts along the creek. Supposed to be worked out and full of water [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Vienna, Lot 16
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 574,000 2,510,300
 DIV MINES MAP NO: _____ OGS MINE NO: 20 USBM DOCUMENT NO: _____
 MINE NAME: Shadyside; High Shaft [2]

OPERATOR(S): Morris Coal Co. [5]

DATE OPENED OR EARLIEST SURVEY: 1882 DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: 4 1/2' (1882 [2])

COVER THICKNESS: 90' at shaft opening (1883 [2]); @100' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5], [36: p. 173]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: Thomas E. Thomas, Manager (1882);
 John Morris, Supt., Thomas E. Thomas, Mine Boss (1883); 10 mi
 N of Youngstown, at Vienna (1883).
 Shaft filled with dirt [5].
 Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 20

QUADRANGLE(S): Cortland

UTM (CENTER OF MINE): 17 582,600 2,508,000

DIV MINES MAP NO: _____ OGS MINE NO: 21 USBM DOCUMENT NO: _____

MINE NAME: Strip and At It [5]

OPERATOR(S): Hamilton-Price [5]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870[58]

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: @80' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [58: v. I, p. 97]

HAZARD POTENTIAL: high

REMARKS: Shaft filled with water; operation ran for 2 or 3 years [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 20

QUADRANGLE(S): Cortland

UTM (CENTER OF MINE): 17 583,900 2,508,100

DIV MINES MAP NO: _____ OGS MINE NO: 22 USBM DOCUMENT NO: _____

MINE NAME: Scoville [5]

OPERATOR(S): Morris Coal Co.

DATE OPENED OR EARLIEST SURVEY: 1886 DATE ABANDONED OR LAST SURVEY: 1888

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1065' (topo)

SEAM THICKNESS: 3-3 1/2' [5]

COVER THICKNESS: 80' at shaft opening [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: high

REMARKS: D. D. Morris, Supt., Thos. E. Thomas, Mine Boss (1886-87) [2].
Worked 2 or 3 years; shaft filled with water [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 22

QUADRANGLE(S): Cortland

UTM (CENTER OF MINE): 17 589,700 2,505,800

DIV MINES MAP NO: _____ OGS MINE NO: 23 USBM DOCUMENT NO: _____

MINE NAME: Klondike [5]

OPERATOR(S): _____

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

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1084' (topo)

SEAM THICKNESS: 3' [5]

COVER THICKNESS: 76' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: high

REMARKS: Mined less than an acre; shaft filled with water [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lot 18

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 557,400 2,507,900

DIV MINES MAP NO: _____ OGS MINE NO: 24 USBM DOCUMENT NO: _____

MINE NAME: Pinch Along [5]; Pinch (1893) [2]

OPERATOR(S): J. F. Filer (1893) [2]

DATE OPENED OR EARLIEST SURVEY: ?; reopened 1892 (1893 [2]) DATE ABANDONED OR LAST SURVEY: 1887 (1893 [2]); 1893

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1010' (topo)

SEAM THICKNESS: 2' (1893 [2]); 2 1/2' [5]

COVER THICKNESS: 100' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: high

REMARKS: Near Sodom; north of Wood's abandoned mine; John Kennedy, Mine Boss
(1893) [2].
Mined about an acre; shaft filled with water [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Great Lots 16, 25
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 561,100 2,513,800
 DIV MINES MAP NO: _____ OGS MINE NO: 25 USBM DOCUMENT NO: _____
 MINE NAME: Garfield (1886 [2]), [5]; New Garfield (1885 [2])

OPERATOR(S): Garfield (1885-86); McCurdy, Margerum & Co. (1884-85)

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1887

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5], [58: v. II, p. 430]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: 1/2 mi N of Old Garfield mine (1885);
 John Morris, Jr., Supt., Thos. G. Phillips, Mine Boss (1885-86);
 2nd opening completed (1886); worked out (1887).
 Double shaft opening filled with water [5].
 Opened about 1882 on the Wright farm [58].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lot 25

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 564,550 2,515,550

DIV MINES MAP NO: _____ OGS MINE NO: 26 USBM DOCUMENT NO: _____

MINE NAME: Chinee [5]

OPERATOR(S): _____

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

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: high

REMARKS: Air shaft filled with rubbish located 300' east of shaft. Shaft was covered by pump house for the Harrington estate, formerly owned by Madison Powers [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lot 16

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 558,800 2,517,550

DIV MINES MAP NO: _____ OGS MINE NO: 27 USBM DOCUMENT NO: _____

MINE NAME: Hassen (1888-91) [2]; Hason (1887) [2], [5]

OPERATOR(S): Morris Coal Co. (1887-91) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 DATE ABANDONED OR LAST SURVEY: 1891

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 975' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 200' (1887 [2])

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: Thos. E. Thomas, Mine Boss (1887-90);
 Philpot Morris, Supt., A. Brunswick, Mine Boss (1891); near Sodom
 (1889); drawing pillars (1891); shaft 120', needed to go another 80'
 to coal (1887).
 Shaft filled with trash and water [5].
 Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 2

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 563,700 2,523,000

DIV MINES MAP NO: _____ OGS MINE NO: 28 USBM DOCUMENT NO: _____

MINE NAME: Mahoning No. 4 [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 3

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 563,700 2,524,000

DIV MINES MAP NO: _____ OGS MINE NO: 29 USBM DOCUMENT NO: _____

MINE NAME: California [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1 [36]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [36: p. 172]

HAZARD POTENTIAL: moderate

REMARKS: Proximate analysis [36].
Mined after Mahoning No. 4 mine, which lies to the west. Slope filled with dirt but spoil pile is still present [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 19

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 558,600 2,521,350

DIV MINES MAP NO: _____ OGS MINE NO: 30 USBM DOCUMENT NO: _____

MINE NAME: Mahoning No. 8 [5]

OPERATOR(S): Mahoning Coal Co. (1880-83) [2]

DATE OPENED OR EARLIEST SURVEY: 1880? DATE ABANDONED OR LAST SURVEY: 1883

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: moderate

REMARKS: Connects with Mahoning No. 3; slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lot 10

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 568,850 2,522,850

DIV MINES MAP NO: _____ OGS MINE NO: 31 USBM DOCUMENT NO: _____

MINE NAME: Drake [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Large operation; slope filled with rubbish and dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Great Lot 15
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 554,300 2,514,800
 DIV MINES MAP NO: _____ OGS MINE NO: 32 USBM DOCUMENT NO: _____
 MINE NAME: Mahoning No. 9 [5]

OPERATOR(S): Mahoning Coal Co. (1880-85) [2]

DATE OPENED OR EARLIEST SURVEY: 1880 DATE ABANDONED OR LAST SURVEY: 1884 [5]; 1885

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: 3'4" [58]; 3 1/2' aver. to 5' max. [5]

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [36: p. 174], [58: v. II, p. 430]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: 1 1/2 mi from Sodom on the NY & P RR (1882); R. J. Wick, Supt. (1882-84); Charles Herbert, Mine Boss (1882-85); 7 mi NE of Youngstown (1883); drawing pillars (1884); worked out & abandoned (1885).
 Operated for 7 or 8 years; about 30 acres were taken out; most of the pillars and ribs were left; slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 19

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 558,650 2,523,500

DIV MINES MAP NO: _____ OGS MINE NO: 33 USBM DOCUMENT NO: _____

MINE NAME: Mahoning No. 1 [58]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1882

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [58: v. I, p. 96]

HAZARD POTENTIAL: moderate

REMARKS: Mined out [58].
Shallow mine; slope went west and came to the back of Albert Jones's lot in Coalburg; mined 400 to 500 thousand tons; slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 5

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 564,400 2,529,100

DIV MINES MAP NO: _____ OGS MINE NO: 34 USBM DOCUMENT NO: _____

MINE NAME: Long (1874-77) [2], [5]

OPERATOR(S): Mahoning Coal Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1864 [61] DATE ABANDONED OR LAST SURVEY: 1877

TYPE OF MINE: slope [5]; shaft (1874 [2])

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 955' (topo)

SEAM THICKNESS: 2 1/2-4 1/2' [5]

COVER THICKNESS: @ 100' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5], [22: p. 7], [61: p. 63]

HAZARD POTENTIAL: high

REMARKS: At Coalburg; production of 150 tons/day [22].
Slope is badly slumped [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lot 29

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 570,850 2,527,000

DIV MINES MAP NO: _____ OGS MINE NO: 35 USBM DOCUMENT NO: _____

MINE NAME: Brass & Wire [5]

OPERATOR(S): Witch Hazel Coal Co.; Mahoning Coal Co. [5]

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

TYPE OF MINE: drift

COMMODITY MINED: coal

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

SEAM ELEVATION: 1055' (topo)

SEAM THICKNESS: 2'-3' [5]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [36: p. 173]

HAZARD POTENTIAL: low

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Brookfield, Lot 45
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 568,300 2,529,000
 DIV MINES MAP NO: _____ OGS MINE NO: 36 USBM DOCUMENT NO: _____
 MINE NAME: Cleveland

OPERATOR(S): Brookfield Tunnel Co. [36]; Ohio Coal Co. (1882-83); Otis Coal Co. (1880-81); Payne, Newton & Co. (1876-77); Payneheathen & Co. (1875) [2]

DATE OPENED OR EARLIEST SURVEY: 1875 DATE ABANDONED OR LAST SURVEY: 1883

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1 [38]

SEAM ELEVATION: 980' (topo)

SEAM THICKNESS: 3-5' [5]

COVER THICKNESS: @ 160' at shaft opening [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5], [36: p. 173], [38: p. 172]

HAZARD POTENTIAL: high

REMARKS: Southern Brookfield Twp. [36].
 Proximate analysis [38].
 Shaft filled with trash [5].
 According to the Ohio Division of Reclamation a program to stabilize the shaft site is in progress.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 8

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 564,500 2,538,000

DIV MINES MAP NO: _____ OGS MINE NO: 37 USBM DOCUMENT NO: _____

MINE NAME: Applegate

OPERATOR(S): _____

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

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2'-4' [5]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope 300 yds in length; large area to the north and northeast toward Masury (?) mined; Lane (T1-18), Applegate (OGS 37), and Cramer (OGS 38) mines all connect underground; large operation according to the amount of dump; slope slumped and filled with rubbish [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 27

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 557,700 2,535,450

DIV MINES MAP NO: _____ OGS MINE NO: 38 USBM DOCUMENT NO: _____

MINE NAME: Cramer No. 3 [5]

OPERATOR(S): Andrews & Hitchcock [5]

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

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope filled with trash [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lot 6

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 548,900 2,514,100

DIV MINES MAP NO: _____ OGS MINE NO: 39 USBM DOCUMENT NO: _____

MINE NAME: Cedar Corners [5]

OPERATOR(S): Sampson Coal Co.

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Fairly large hole suggesting a slope went to the northeast, now filled with water and rubbish; air shaft about 25' north of slope [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lot 8

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 549,850 2,504,850

DIV MINES MAP NO: _____ OGS MINE NO: 40 USBM DOCUMENT NO: _____

MINE NAME: Taylor (1885); Pumpkin (1885,1883) [2]

OPERATOR(S): Taylor Coal Co. (1885, 1883); Niles Coal Co. (1868) [2]

DATE OPENED OR EARLIEST SURVEY: 1868; reopened 1883 DATE ABANDONED OR LAST SURVEY: 1868; ?

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: at Church Hill (1883); Wm. Taylor, Supt. (1883-85); Joseph Collins, Mine Boss (1883); Wm. D. Williams, Mine Boss (1885).
Small operation; shaft filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Liberty, Great Lot 13
QUADRANGLE(S): Girard
UTM (CENTER OF MINE): 17 554,450 2,507,300
DIV MINES MAP NO: _____ OGS MINE NO: 41 USBM DOCUMENT NO: _____
MINE NAME: Hood [5]

OPERATOR(S): Arms & Wick (1874-77) [2]; Arms, Tilloston & Co. [26]

DATE OPENED OR EARLIEST SURVEY: 1871 DATE ABANDONED OR LAST SURVEY: 1877

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5], [26: p. 56]

HAZARD POTENTIAL: moderate

REMARKS: Slope, 100 yds at a slope of 30°, 1 air shaft (1871); Thos. D. Philips, Manager (1875) [2].
Fairly large mine; slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Great Lot 8
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 544,800 2,503,750
 DIV MINES MAP NO: see T1-2 OGS MINE NO: 42 USBM DOCUMENT NO: see 321655
 MINE NAME: Kline

OPERATOR(S): Tod Iron Co. (1884-85); Briar Hill Coal Co. (1874-83, 1867);
 Tod, Stambaugh & Co., lessees (1867) [2]

DATE OPENED OR EARLIEST SURVEY: 1867 [58]; 1868 (1883 [2]) DATE ABANDONED OR LAST SURVEY: 1886

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: 3 1/2-4 1/2' [5]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA [2], [5], [22: p. 7], [36: p. 174], [58: v. I, p. 97,
 (SEE NUMBERED REFERENCE LIST): v. II, p. 430, 441]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: 1 1/2 mi S of Church Hill (1882); 4 mi NW of Youngstown (1883); drawing pillars (1882); Wm. Parker, Manager (1875); H. C. Marshall, Supt., William Parker, Mine Boss (1883-85); 600,000 tons by 1883; portions of mine are 2 mi from slope (1884).
 Connected with the Church Hill mine.
 Portion of mine shown on T1-2.
 Production of 250 tons/day [22].
 Slope filled with dirt; located on the Peter Kline farm; opening faced west; runs 1 3/4 mi to the south [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Great Lot 4
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 542,100 2,508,900
 DIV MINES MAP NO: _____ OGS MINE NO: 43 USBM DOCUMENT NO: _____
 MINE NAME: Foraker No. 1 (1889-93) [2], [5]

OPERATOR(S): Morris & Stambaugh (1892-93); Morris Coal Co. (1889-91) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1893

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 890' (topo)

SEAM THICKNESS: 4 1/2' (1891 [2])

COVER THICKNESS: 190'-195' at shaft opening [5]; 190-215' (1888 [2])

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [3: 1888, v. 6, no. 3, p. 43], [5]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: David Morris, Supt., Thos. E. Thomas, Mine Boss (1889-93); on the land of John Wolf, Liberty Twp., 2 mi N of Youngstown (1888); coal at 190-215' (1888); drawing pillars (1892); abandoned (1893).
 Shaft sunk in 1889 and started to operate in 1890; not connected with the other Churchill mines [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Liberty, Great Lot 3
 QUADRANGLE(S): Girard
 UTM (CENTER OF MINE): 17 543,700 2,507,800
 DIV MINES MAP NO: _____ OGS MINE NO: 44 USBM DOCUMENT NO: _____
 MINE NAME: Foraker No. 2 (1893-96) [5]

OPERATOR(S): Evan Morris (1893-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1893 DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 883' (topo)

SEAM THICKNESS: 3 1/2' [5]

COVER THICKNESS: 190' at shaft opening (1893 [2]); 212' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: at Church Hill (1893); 4 mi N of Youngstown (1894); D. D. Morris, Supt. (1893-94); Thos. E. Thomas, Mine Boss (1893); Evan Morris, Supt. (1895); drawing pillars (1895); encountered the old works of the Niles shaft (1896); abandoned (1896). Last mine to operate in this region; double shaft slumped and filled with water [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lot 4

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 544,550 2,512,450

DIV MINES MAP NO: _____ OGS MINE NO: 45 USBM DOCUMENT NO: _____

MINE NAME: Powers [5]

OPERATOR(S): Sampson, Guy & Co. (1887-90) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 ^{reopened} DATE ABANDONED OR LAST SURVEY: 1875 (1887 [2]); 1890

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: moderate

REMARKS: Annual reports [2] indicate: Thos. J. Williams, Mine Boss (1887); Daniel J. Edwards, Mine Boss (1888); Thos. J. Williams & Daniel J. Edwards, Mine Boss (1889).
Small operation, thin coal [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 48

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 550,200 2,537,900

DIV MINES MAP NO: _____ OGS MINE NO: 46 USBM DOCUMENT NO: _____

MINE NAME: Charley Herbert [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Slope slumped in [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 48

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 549,800 2,537,800

DIV MINES MAP NO: _____ OGS MINE NO: 47 USBM DOCUMENT NO: _____

MINE NAME: Jenny Wheel [5]

OPERATOR(S): Jackson [5]

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Worked pre-1860; one of the oldest mines in the region; Dan Smith was the Mine Boss; slope partially open but slumped [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Hubbard, Lots 47, 48
QUADRANGLE(S): Sharon West
UTM (CENTER OF MINE): 17 550,000 2,536,900
DIV MINES MAP NO: _____ OGS MINE NO: 48 USBM DOCUMENT NO: _____
MINE NAME: Dan Smith [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 958'-948' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 40'-50'

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Clingan shaft (OGS 66) was 90'; Dan Smith was a railroad mine;
connects underground with Charlie Herbert mine (OGS 46); slope
slumped in [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lots 47, 48

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 549,500 2,537,050

DIV MINES MAP NO: _____ OGS MINE NO: 49 USBM DOCUMENT NO: _____

MINE NAME: Middle [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Operated after the Jenny Wheel mine (OGS 47); slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 53

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 548,450 2,538,500

DIV MINES MAP NO: _____ OGS MINE NO: 50 USBM DOCUMENT NO: _____

MINE NAME: Chauncey Andrews [5]

OPERATOR(S): _____

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

TYPE OF MINE: _____

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: not evaluated

REMARKS: Mine opening filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Hubbard, Lot 53
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 548,150 2,539,600
 DIV MINES MAP NO: _____ OGS MINE NO: 51 USBM DOCUMENT NO: _____
 MINE NAME: Jacobs No. 1 (1874-76) [2], [5]

OPERATOR(S): Jacobs & Son (1874-76) [2]

DATE OPENED OR EARLIEST SURVEY: 1874? DATE ABANDONED OR LAST SURVEY: 1876

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5], [22: p. 7], [58: v. I, p. 96]

HAZARD POTENTIAL: high

REMARKS: David Williams, Manager (1875) [2].
 Abandoned in 1870 [58].
 Produced 100 tons/day [22].
 Railroad mine; shaft filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 68

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 544,800 2,538,200

DIV MINES MAP NO: _____ OGS MINE NO: 52 USBM DOCUMENT NO: _____

MINE NAME: Jacobs No. 3

OPERATOR(S): P. Jacobs & Son (1890-92); Jacobs Coal Co. (1888-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 DATE ABANDONED OR LAST SURVEY: 1892

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 957' (topo)

SEAM THICKNESS: 2'10"

COVER THICKNESS: 113' at shaft opening (1888 [2])

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: high

REMARKS: New shaft near Hubbard (1888); Orrin Jacobs, Supt., Thos. H. Williams, Mine Boss, (1888-89) [2].
Abandoned then reopened; double shaft filled with water [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Hubbard, Lot 67
QUADRANGLE(S): Sharon West
UTM (CENTER OF MINE): 17 544,400 2,535,600
DIV MINES MAP NO: _____ OGS MINE NO: 53 USBM DOCUMENT NO: _____
MINE NAME: Bill Bird [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Probably a railroad mine; slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 17

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 543,950 2,478,000

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: Sharon No. 1

SEAM ELEVATION: 1011' (topo)

SEAM THICKNESS: 3' [57]

COVER THICKNESS: 24' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 712]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located on Burnett St., Mineral Ridge [57].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Hubbard, Lot 45
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 548,600 2,536,400
 DIV MINES MAP NO: _____ OGS MINE NO: 55 USBM DOCUMENT NO: _____
 MINE NAME: Ab Lane [5]

OPERATOR(S): Chauncey Andrews; Ab. J. Lane (1889-90) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1890

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: moderate

REMARKS: There are several small openings in the immediate area; some of these only worked for one winter, and all of them are of very little importance.
 Slope partially open but slumped [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Lot 18

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): 17 542,400 2,478,600

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

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 978' (topo)

SEAM THICKNESS: 4' [57]

COVER THICKNESS: 37' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 1177]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located on Locust St., Mineral Ridge [57].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Hubbard, Lot 69
QUADRANGLE(S): Sharon West
UTM (CENTER OF MINE): 17 544,450 2,542,300
DIV MINES MAP NO: _____ OGS MINE NO: 57 USBM DOCUMENT NO: _____
MINE NAME: Veach (1871 & 1882) [49], [58]; Veach & Burnett [5]

OPERATOR(S): Andrews & Hitchcock; E. P. Burnett (1882)

DATE OPENED OR EARLIEST SURVEY: 1861 [58] DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [49: p. 419], [58: v. II, p. 365]

HAZARD POTENTIAL: high

REMARKS: Opened in 1861 at East Hubbard by E. P. Burnett [58].
Proximate analysis [49].
Shaft filled with trash and dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 67

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 543,400 2,535,200

DIV MINES MAP NO: _____ OGS MINE NO: 58 USBM DOCUMENT NO: _____

MINE NAME: Panic [5]

OPERATOR(S): D. A. Williams

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

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: high

REMARKS: Funnel-shaped opening partially filled with dirt with several trees growing in the hole [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 46

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 549,400 2,534,000

DIV MINES MAP NO: _____ OGS MINE NO: 59 USBM DOCUMENT NO: _____

MINE NAME: Reese Charles [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: moderate

REMARKS: Connected to the Nicky Nack mine (1888) [2].
Slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Hubbard, Lots 46, 47
QUADRANGLE(S): Sharon West
UTM (CENTER OF MINE): 17 550,950 2,534,650
DIV MINES MAP NO: _____ OGS MINE NO: 60 USBM DOCUMENT NO: _____
MINE NAME: Brisbine

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

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

HAZARD POTENTIAL: moderate

REMARKS: Railroad mine with large dump of shale; air shaft to the east; on the W. A. Brown farm; Brown ran into old workings when putting a cellar in his barn [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 16

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 558,600 2,531,350

DIV MINES MAP NO: _____ OGS MINE NO: 61 USBM DOCUMENT NO: _____

MINE NAME: Eureka

OPERATOR(S): Eureka Coal Co. (1870) [58]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

TYPE OF MINE: slope

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 962'-956' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 20'-28' [5]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5], [58: v. I, p. 96]

HAZARD POTENTIAL: moderate

REMARKS: Operated before the Cramers and was the first coal mine in this region;
small operation; slope completely covered [5].
Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 26

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 557,550 2,533,550

DIV MINES MAP NO: _____ OGS MINE NO: 62 USBM DOCUMENT NO: _____

MINE NAME: Cramer No. 1 [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: Large operation: railroad mine; slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 27

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 557,750 2,536,250

DIV MINES MAP NO: _____ OGS MINE NO: 63 USBM DOCUMENT NO: _____

MINE NAME: Cramer Drain [5]

OPERATOR(S): _____

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

TYPE OF MINE: tunnel [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: low

REMARKS: Supposed to be a drain for Cramer and Love mines and partial drain for the Brookfield mine; slumped [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lots 76, 86

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 579,250 2,544,500

DIV MINES MAP NO: _____ OGS MINE NO: 64 USBM DOCUMENT NO: _____

MINE NAME: Curtis Hill (No. 1); Curtis No. 1 [5]

OPERATOR(S): Curtis & Boyce (1874-77); Joel B. Curtis (1838)

DATE OPENED OR EARLIEST SURVEY: 1838 [50], [58] DATE ABANDONED OR LAST SURVEY: 1877 [2]

TYPE OF MINE: drift

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 1045' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5], [36: p. 173], [50: p. 10], [58: v. II, p. 346]

HAZARD POTENTIAL: low

REMARKS: Annual reports [2] indicate: opposite Sharon, Pa.; oldest mine in Trumbull County; main gallery of the first opening is nearly a mile long, then runs outside 1,000 yds up the ravine and reenters the same hill (this reentry is Curtis Hill No. 2); butt entries 70 yds, rooms 9 yds, pillars 3 yds (1876).
Opened in 1838 by Gen. Joel B. Curtis [58].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Brookfield, Lot 75
QUADRANGLE(S): Orangeville
UTM (CENTER OF MINE): 17 583,900 2,539,800
DIV MINES MAP NO: _____ OGS MINE NO: 65 USBM DOCUMENT NO: _____
MINE NAME: Curtis Hill (No. 2); Curtis No. 2 [5]

OPERATOR(S): Curtis & Boyce (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: Sharon No. 1

SEAM ELEVATION: 1070' (topo)

SEAM THICKNESS: 3'6" [5]

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: low

REMARKS: Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
 TWP, SEC, LOT: Hubbard, Lot 47
 QUADRANGLE(S): Sharon West
 UTM (CENTER OF MINE): 17 550,100 2,536,500
 DIV MINES MAP NO: _____ OGS MINE NO: 66 USBM DOCUMENT NO: _____
 MINE NAME: Clingan (1888-89 [2]), [5]

OPERATOR(S): C. N. Clingan (1888-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1888? DATE ABANDONED OR LAST SURVEY: 1889

TYPE OF MINE: shaft [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: 910' (topo)

SEAM THICKNESS: _____

COVER THICKNESS: 90' [5]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
 (SEE NUMBERED REFERENCE LIST): [2], [5]

HAZARD POTENTIAL: high

REMARKS: Annual reports [2] indicate: near Hubbard (1888); robbing pillars of old mines, in particular the Reese Charles (1889). This mine was a small pillar-robbing operation; the Brisbane (OGS 60), Reese Charles (OGS 59), Clingan (OGS 66), Dan Smith (OGS 48), Middle (OGS 49), Charley Herbert (OGS 46), Jenny Wheel (OGS 47), and Ab Lane (OGS 55) mines are connected underground; possibly the Chauncey Andrews (OGS 50) and Jacobs No. 1 (OGS 51) mines also are connected with this group [5]. Coal identified by elevation.

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull
TWP, SEC, LOT: Hubbard, Lot 48
QUADRANGLE(S): Sharon West
UTM (CENTER OF MINE): 17 550,600 2,539,500
DIV MINES MAP NO: _____ OGS MINE NO: 67 USBM DOCUMENT NO: _____
MINE NAME: Clingan Drain [5]

OPERATOR(S): C. N. Clingan

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

TYPE OF MINE: tunnel

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: low

REMARKS: Drain was dug by C. N. Clingan to drain the water from the older operations; tunnel filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Great Lot 1

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 540,750 2,488,400

DIV MINES MAP NO: _____ OGS MINE NO: 68 USBM DOCUMENT NO: _____

MINE NAME: Tod [5]

OPERATOR(S): Sampson, Walker & Co. (1887-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1844 [40] DATE ABANDONED OR LAST SURVEY: 1889

TYPE OF MINE: slope [5]

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], [5], [22: p. 27], [40: p. 296], [58: v. I, p. 99]

HAZARD POTENTIAL: moderate

REMARKS: Opened on the Tod farm, 3 mi N of Youngstown [22].
Opened at Brier Hill in 1844 [40].
Large mine; slope covered by a house [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield, Great Lot 1

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 541,700 2,487,000

DIV MINES MAP NO: _____ OGS MINE NO: 69 USBM DOCUMENT NO: _____

MINE NAME: Kimberly [5]

OPERATOR(S): _____

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

TYPE OF MINE: slope [5]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: below?

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [5]

HAZARD POTENTIAL: moderate

REMARKS: This was a railroad mine; connects underground with the Weathersfield shaft (T1-21); slope filled with dirt [5].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lot 61

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): 17 573,800 2,534,800

DIV MINES MAP NO: _____ OGS MINE NO: 70 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: _____

SEAM ELEVATION: 1076'

SEAM THICKNESS: 6' [57]

COVER THICKNESS: 64' [57]

RELATION TO DRAINAGE: above

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 1343]

HAZARD POTENTIAL: not evaluated

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lot 8

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): 17 547,100 2,505,100

DIV MINES MAP NO: _____ OGS MINE NO: 71 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: Sharon No. 1 [57]

SEAM ELEVATION: 941' (topo)

SEAM THICKNESS: 5' [57]

COVER THICKNESS: 124' [57]

RELATION TO DRAINAGE: below

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [57: file no. 92943]

HAZARD POTENTIAL: not evaluated

REMARKS: Water well located at 1624 Liberty Rd. (Rose Tavern, corner of Liberty Rd. and Belmont Ave.) [57].
Maybe connected with the Churchill mine (T1-2).
Coal identified by elevation.

DATA SHEETS FOR UNMAPPED AND
UNLOCATED ABANDONED UNDERGROUND MINES

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lot 66

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Mazey

OPERATOR(S): J. V. Rose (1896-97); Mazey & Rose (1894-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 DATE ABANDONED OR LAST SURVEY: 1896

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], [62]

HAZARD POTENTIAL: _____

REMARKS: Drift 1 1/2 mi S of Brookfield; Wm. Mazey, Supt. & Mine Boss (1894)
[2].
Mrs. M. M. Mazey property, Lot 66 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Point of Rocks

OPERATOR(S): Frank Evans & Sons (1894-95) [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: _____

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 NE of Brookfield (1894) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Two Slopes

OPERATOR(S): H. Johnson & Sons (1895); H. Johnson (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: _____

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

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

HAZARD POTENTIAL: _____

REMARKS: Retail mine near the Point of Rocks mine 2 1/2 mi NE of Brookfield (1894) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hartford

QUADRANGLE(S): Orangeville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Woodchuck [58]

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): [58: v. I, p. 97]

HAZARD POTENTIAL: _____

REMARKS: Production of 10 tons/day in 1870 [58].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Applegate

OPERATOR(S): Witch Hazel Coal Co. (1898); Applegate Coal Co. (1896) [2]

DATE OPENED OR EARLIEST SURVEY: 1896? DATE ABANDONED OR LAST SURVEY: 1898

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: In Hubbard Twp.; connects with old Applegate mine; drawing pillars and abandoned (1898); David Jacobs, Supt. & Mine Boss (1898) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Aubery & Dolling [36]

OPERATOR(S): _____

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

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): [36: p. 173]

HAZARD POTENTIAL: _____

REMARKS: Northwestern part of Hubbard Twp. [36].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Carbon Valley

OPERATOR(S): Wick, Struthers & Co. (1874-75) [2]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58];
1875 [2]

TYPE OF MINE: shaft (1874-75) [2]

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], [58: v. I, p. 96]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Chestnut Ridge

OPERATOR(S): Chestnut Ridge Co. (1870) [58]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

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): [58: v. I, p. 96]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 55?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Crawford

OPERATOR(S): Crawford, Davis & Co. (1870) [58]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

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): [39: p. 496], [58: v. I, p. 96], [62]

HAZARD POTENTIAL: _____

REMARKS: Crawford, Davis & Co. property, Lot 55 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 47?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Loyd

OPERATOR(S): John W. Loyd [39]

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

TYPE OF MINE: drift [39]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 2 [39]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [39: p. 500], [62]

HAZARD POTENTIAL: _____

REMARKS: S. Loyd property, Lot 47 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 53?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Matthews [36]

OPERATOR(S): Jacobs and Sons [36]

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

TYPE OF MINE: shaft [36]

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): [36: p. 173], [62]

HAZARD POTENTIAL: _____

REMARKS: Thos. Matthews property, Lot 53 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard, Lot 67?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Mayers

OPERATOR(S): Mayers Coal Co. [58]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

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): [58: v. I, p. 96]

HAZARD POTENTIAL: _____

REMARKS: Thos. Mayrs property, Lot 67 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: New California

OPERATOR(S): Brier Hill Coal Co.

DATE OPENED OR EARLIEST SURVEY: 1882 [2] DATE ABANDONED OR LAST SURVEY: 1883

TYPE OF MINE: slope

COMMODITY MINED: _____

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

SEAM ELEVATION: _____

SEAM THICKNESS: 5' - 3' 11" (1883 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

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

HAZARD POTENTIAL: _____

REMARKS: Slope 8"/yd; Henry Marshall, Supt., William Parker, Mine Boss; drawing pillars (1883) [2].

Near the California mine (OGS 29)?

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: New Shaft

OPERATOR(S): C. M. Clingan (1886) [2]

DATE OPENED OR EARLIEST SURVEY: 1886 DATE ABANDONED OR LAST SURVEY: 1886

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: New shaft near Hubbard; C. N. Clingan, Supt., John Grear, Mine Boss (1886) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): Sharon West

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Nicky Nack (1888-89) [2]

OPERATOR(S): Evans & Jones (1888-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1888 DATE ABANDONED OR LAST SURVEY: 1889

TYPE OF MINE: _____

COMMODITY MINED: _____

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: Near Hubbard; part of the old Reese Charles mine; M. Evans, Mine Boss (1888) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Otis

OPERATOR(S): Otis Coal Co. (1870) [58]

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): [58: v. I, p. 97]

HAZARD POTENTIAL: _____

REMARKS: Production of 150 tons/day in 1870 [58].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Hubbard

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Owen

OPERATOR(S): Owen & Co. (1870) [58]

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

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): [58: v. I, p. 96]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Briar Hill

OPERATOR(S): Briar Hill Co. [39]

DATE OPENED OR EARLIEST SURVEY: 1873? DATE ABANDONED OR LAST SURVEY: _____

TYPE OF MINE: shaft, 130' [39]

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): [39: p. 499]

HAZARD POTENTIAL: _____

REMARKS: 1 1/2 mi SW from the center of Liberty Twp. [39].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Lot 22?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Dunn's

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1838

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): [24: p. 59], [50: p. 25], [62]

HAZARD POTENTIAL: _____

REMARKS: Near Youngstown [50].
In northern Liberty Twp. [24].
J. Dunn property, Lot 22 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Garfield No. 3

OPERATOR(S): Morris Coal Co. (1890-91); Garfield Coal Co. (1887-89) [2]

DATE OPENED OR EARLIEST SURVEY: 1887 DATE ABANDONED OR LAST SURVEY: 1891

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: Annual reports [2] indicate: John Morris, Jr., Supt., Thos. G. Phillips, Mine Boss (1887-91); near Vienna (1888); 1 air shaft (1888); in Liberty Twp. (1891); driving the west entry toward the abandoned Holliday mine & drawing pillars (1891); abandoned (1891).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Lot 15?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hancock [58]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: 1882 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): [58: v. II, p. 430]

HAZARD POTENTIAL: _____

REMARKS: Opened about 1882 on the Calvin Denison farm [58].
C. & J. Dennison property, Lot 15 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty, Great Lots 6, 7?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: McCleary [39]

OPERATOR(S): _____

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

TYPE OF MINE: slope [39]

COMMODITY MINED: coal

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

SEAM ELEVATION: _____

SEAM THICKNESS: 2 1/2-4' [39]

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [39: p. 499], [62]

HAZARD POTENTIAL: _____

REMARKS: A. McCleary estate, Great Lot 6 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Moore

OPERATOR(S): Moore Coal Co. (1874-77) [2]

DATE OPENED OR EARLIEST SURVEY: 1874 DATE ABANDONED OR LAST SURVEY: 1877

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: In Liberty Twp. (1874); idle (1874-77); Edward Powers, Manager (1875) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Old Garfield (1880-84) [2]

OPERATOR(S): McCurdy, Margerum & Co. (1884) [2]

DATE OPENED OR EARLIEST SURVEY: 1880 [2] DATE ABANDONED OR LAST SURVEY: 1884

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: 181' at shaft opening (1883) [2]

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [5], [36: p. 174]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: 4 mi NE of Church Hill (1882); 3 mi N of Church Hill (1883); opened 1880 (1883); Thomas Phillips, Manager (1882); Johnson Head, Supt. (1883); Thomas Phillips, Mine Boss (1883-84); worked out & abandoned (1884).
1/2 mi S of Garfield mine (OGS 25).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Liberty

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Seceder

OPERATOR(S): Paris Coal Co. (1888); Sampson, Walker & Co. (1887); Geo.

Canfield & Co. (1886); Paris Coal Co. (1885); Sampson Coal Co. (1884);

Morris, Sampson & Co. (1883) [2]

DATE OPENED OR EARLIEST SURVEY: reopened 1883 DATE ABANDONED OR LAST SURVEY: 1870 (1883 [2]); 1888

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: 4 mi N of Youngstown (1883); in Liberty Twp. (1874); abandoned 13 years earlier (1883); John B. Sampson, Supt., John Lewis, Mine Boss (1883-84); John W. Sampson, Supt., John Reese, Mine Boss (1885); completed 160' shaft to serve as 2nd opening (1885); Geo. Canfield, Supt. (1886-87); John Lewis, Mine Boss (1886); drawing pillars (1887); abandoned (1888).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Addison

OPERATOR(S): Evan Morris (1892-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1892 DATE ABANDONED OR LAST SURVEY: 1896

TYPE OF MINE: shaft

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: Sharon No. 1?

SEAM ELEVATION: _____

SEAM THICKNESS: 2' (1893 [2])

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

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

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: New shaft in Vienna Twp. (1892); Philip Morris, Supt. (1893); Thos. E. Thomas, Mine Boss (1893-94); 8 mi N of Youngstown; mining suspended (1895-96); abandoned (1896).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Andrews [58]

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1880 [58]

TYPE OF MINE: shaft [58]

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): [58: v. I, p. 97]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna, Lot 9?

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: McMaster [58]

OPERATOR(S): _____

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

TYPE OF MINE: shaft [58]

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): [58: v. I, p. 97], [62]

HAZARD POTENTIAL: _____

REMARKS: Production of 80 tons/day in 1880 [58].
D. McMaster property, Lot 9 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Vienna

QUADRANGLE(S): Girard

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Powers New Shaft

OPERATOR(S): House Block Coal Co. (1892 [2])

DATE OPENED OR EARLIEST SURVEY: 1892 DATE ABANDONED OR LAST SURVEY: 1892

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: Near Vienna; abandoned, don't know whether the shaft was completed (1892) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Campbell

OPERATOR(S): _____

DATE OPENED OR EARLIEST SURVEY: _____ DATE ABANDONED OR LAST SURVEY: 1870 [58]

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): [50: p. 25], [58: v. I, p. 97]

HAZARD POTENTIAL: _____

REMARKS:

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Davis

OPERATOR(S): Davis Bros. (1893-99) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 (1893 [2]) DATE ABANDONED OR LAST SURVEY: 1899

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: At Mineral Ridge; mining had been suspended for 4 years (1893) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Hutching's (1892-93); Hutchins' (1891) [2]

OPERATOR(S): Thos. James & Co. (1893); Wm. Hutchings & Co. (1889-92) [2]

DATE OPENED OR EARLIEST SURVEY: 1889 DATE ABANDONED OR LAST SURVEY: 1893

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: At Mineral Ridge (1891); retail mine (1892); Thos. James, Supt. & Mine Boss (1893) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Jones

OPERATOR(S): Wm. Jones & Son (1892-93); Wm. Jones (1891) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: 1893

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 Mineral Ridge; has an outlet through the Lanigan slope; Wm. Jones, Supt. & Mine Boss (1891) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Lanigan (1893); Laningan (1852); Lannigan (1891) [2]

OPERATOR(S): Powers & Williams (1891-93) [2]

DATE OPENED OR EARLIEST SURVEY: 1891 DATE ABANDONED OR LAST SURVEY: 1893

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]

HAZARD POTENTIAL: _____

REMARKS: Annual reports [2] indicate: at Mineral Ridge (1891); retail mine (1893); connected with Jones shaft (1891); Michael Powers, Supt. & Mine Boss (1891); idle (1892).

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Oak Hill

OPERATOR(S): Edward Harris (1895); Edward Harris & Co. (1893) [2]

DATE OPENED OR EARLIEST SURVEY: 1893 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: At Mineral Ridge; new slope; Thos. Daniels, Mine Boss (1893) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Ward [50]

OPERATOR(S): James Ward & Co. [27]

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

TYPE OF MINE: shaft [50]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: "Black band coal" [27]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [27: p. 24], [50: p. 19]

HAZARD POTENTIAL: _____

REMARKS: Near Mineral Ridge [50].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lot 12?

QUADRANGLE(S): Orangeville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Lunn's

OPERATOR(S): T. H. Lunn (1894-97) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 DATE ABANDONED OR LAST SURVEY: 1897

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], [62]

HAZARD POTENTIAL: _____

REMARKS: Shaft 3 mi NE of Brookfield (1894) [2].
W. Lunn property, Lot 12 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Bachelor Ben

OPERATOR(S): Baily & Jones (1894-95) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 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 [2]
(SEE NUMBERED REFERENCE LIST): _____

HAZARD POTENTIAL: _____

REMARKS: New retail mine 2 1/2 mi NE of Brookfield (1894) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lot 74?

QUADRANGLE(S): Orangeville

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Keck's

OPERATOR(S): Keck & Son (1894-96) [2]

DATE OPENED OR EARLIEST SURVEY: 1894 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], [62]

HAZARD POTENTIAL: _____

REMARKS: Retail shaft 4 mi NE of Brookfield; Frank Keck, Supt. & Mine Boss
(1894) [2].
Fred Keck property, Lot 74 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Brookfield, Lot 25

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Chew

OPERATOR(S): Mahoning Coal Co. (1875-76) [2]; Chew & Co. [58]

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

TYPE OF MINE: slope (1875-76) [2]

COMMODITY MINED: coal

SEAM(S) OR BED(S) MINED: No. 1 [38]

SEAM ELEVATION: _____

SEAM THICKNESS: _____

COVER THICKNESS: _____

RELATION TO DRAINAGE: _____

SOURCE(S) OF DATA
(SEE NUMBERED REFERENCE LIST): [2], [36: p. 173], [38: p. 172], [58: v. I, p. 96], [62]

HAZARD POTENTIAL: _____

REMARKS: In Brookfield Twp. [36].
Proximate analysis [38].
Production of 25 tons/day [58].
On Smith Clark property, Lot 25 [62].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): Warren

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Warner

OPERATOR(S): _____

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: Opened into the old Ashland slope (1882) [2].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: Weathersfield

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Williams

OPERATOR(S): D. Williams & Co. (1882-83, 1874-77) [2]

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

TYPE OF MINE: shaft (1875-77) [2]

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], [58: v. I, p. 97]

HAZARD POTENTIAL: _____

REMARKS: Nearly exhausted [58].

ABANDONED UNDERGROUND MINE DATA SHEET

COUNTY: Trumbull

TWP, SEC, LOT: _____

QUADRANGLE(S): _____

UTM (CENTER OF MINE): _____

DIV MINES MAP NO: _____ OGS MINE NO: _____ USBM DOCUMENT NO: _____

MINE NAME: Eaton

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): [50: p. 25]

HAZARD POTENTIAL: _____

REMARKS: Near Mineral Ridge [50].

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.