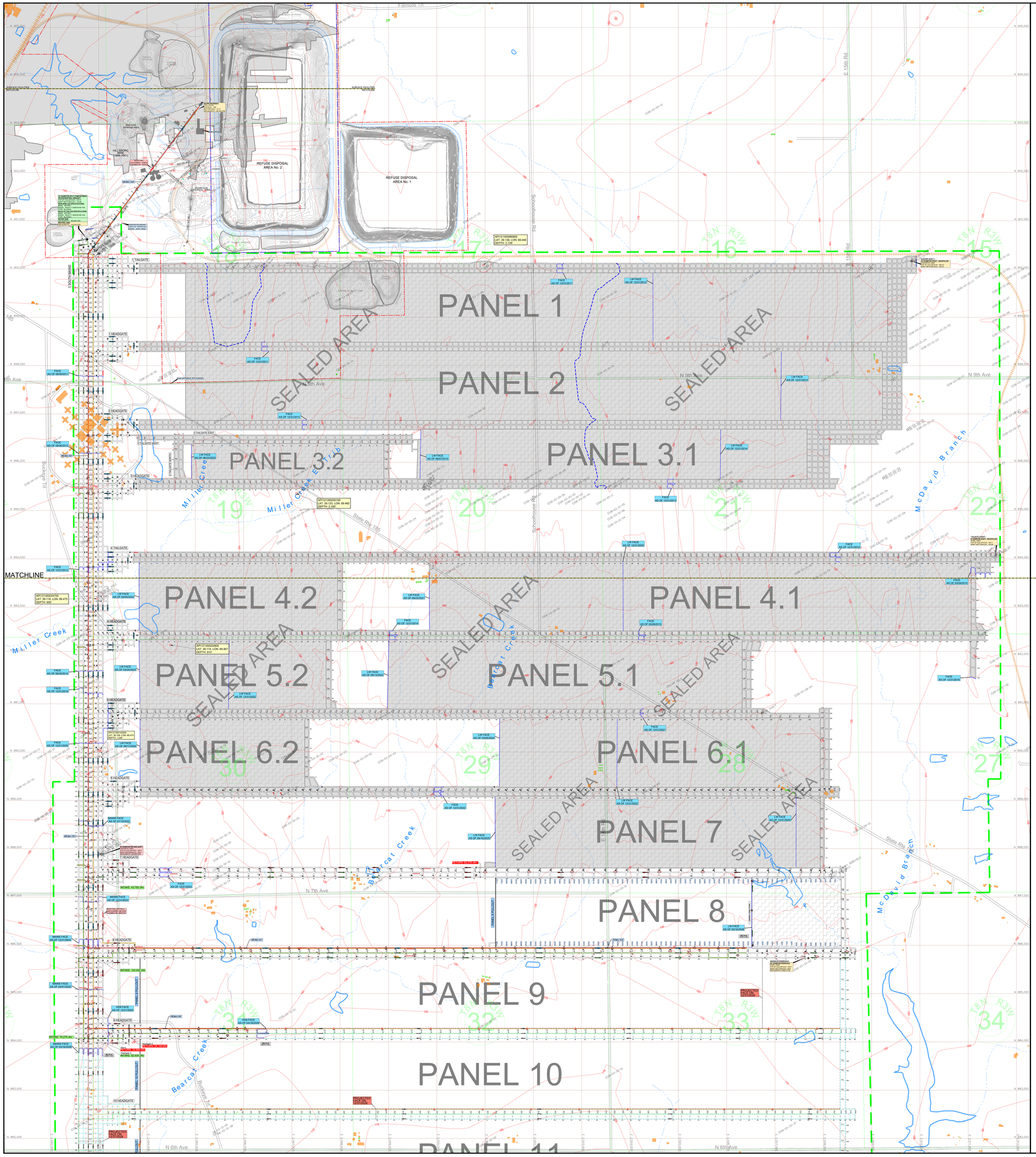
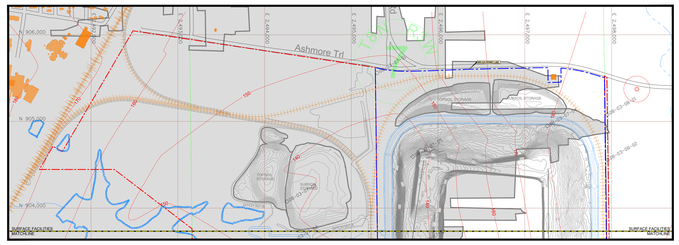
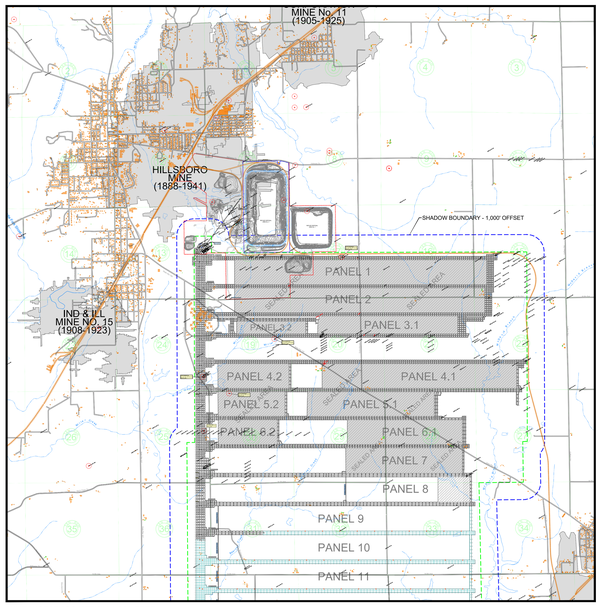




NORTH HALF OF SURFACE FACILITIES
SCALE: 1" = 400'



MINE WORKINGS WITHIN 1,000 FEET
SCALE: 1" = 2,000'

MAP SYMBOL LEGEND

MINED OUT
- COAL BLOCK PERIMETER
- COAL PILLAR

VENTILATION CONTROLS
- PERMANENT STOPPING
- PARTIAL STOPPING
- KENNEDY STOPPING
- STOPPING WITH MANDOOR
- KENNEDY STOPPING WITH M/D
- REGULATOR
- AIRLOCK DOOR
- 6' ESCAPEWAY DOOR
- BOXCHECK
- OVERCAST
- UNDERCAST
- LINE CURTAIN
- PERMANENT SEAL
- PROJ. PERMANENT STOPPING
- PROJ. STOPPING WITH MANDOOR
- PROJECTED REGULATOR
- PROJECTED AIRLOCK DOOR
- PROJECTED 6' ESCAPEWAY DOOR
- PROJECTED BOXCHECK
- PROJECTED OVERCAST
- PROJECTED UNDERCAST
- PROJECTED LINE CURTAIN
- PROJECTED PERMANENT SEAL
- CONTINUOUS GAS MONITOR (O2, CH4, CO)

VENTILATION ARROWS
- INTAKE AIR
- NEUTRAL (BELT) AIR
- RETURN AIR
- PROJECTED INTAKE AIR
- PROJECTED NEUTRAL (BELT) AIR
- PROJECTED RETURN AIR

SURVEYING
- CONTROL POINT (SURFACE)
- CONTROL POINT (UNDERGROUND)
- 005 CROSS CUT NUMBER

FIRE FIGHTING AND EVACUATION
- PRIMARY ESCAPEWAY
- PRIMARY ESCAPEWAY - PROJ.
- SECONDARY ESCAPEWAY
- SECONDARY ESCAPEWAY - PROJ.
- S.C.S.R. CACHE (OCENCO 6.5)
- REFUGE CHAMBER

BELTS
- BELTLINE
- BELTLINE
- BELT TRANSFER POINT
- CO MONITOR
- CO MONITOR (PROJECTED)

LAND AND PROPERTY
- PERMITTED AREA (SURFACE)
- SHADOW BOUNDARY (I.D.N.R.)
- WATER POOLS (SURFACE)
- RAILROADS
- PUBLIC ROADS
- MINESITE ROADS
- SECTION LINES
- STREAMS
- SURFACE FACILITY STRUCTURES
- HOUSES/BUILDINGS
- TRAILERS
- SILOS

SEAM
- ROOF FALL
- ABANDONED MINE WORKINGS
- SEALED AREAS
- LW GOB
- UNDERGROUND WATER SEAL
- BOTTOM ELEVATION CONTOURS
- DRILLHOLES PENETRATING SEAM
- DRILLHOLES PLUGGED
- GAS OR OIL WELLS (PLUGGED)
- GAS OR OIL WELLS (ACTIVE)

STRIKE AND DIP
S 17° 49' 31" E

PERMANENT POINTS
(Coordinate System - NAD 83 Illinois State Plane, West)

No.	Description	Coordinates
15	Con. Monument	N: 900,643.93, E: 2,492,532.61
18	Con. Monument	N: 901,258.46, E: 2,495,135.37
32	Con. Monument	N: 903,141.30, E: 2,494,356.51

PATTON MINING

DEER RUN MINE - 75.372 and 75.1200 MAP

OPERATING CO.: PATTON MINING, LLC **ADDRESS:** P.O. BOX 457, HILLSBORO, IL 62049
MSHA I.D.: 11-02182 **MINE PHYSICAL ADDRESS:** 12051 9th AVENUE, HILLSBORO, IL 62049
MINE LOCATION: N.W. 1/4 SECTION 18 TWP 8N RANGE 3W 3RD PRINCIPAL MERIDIAN
COUNTY: MONTGOMERY **DISTRICT:** HILLSBORO **NEAREST POST OFFICE:** HILLSBORO, ILLINOIS
COAL SEAM MINED: HERRIN NO. 6 SEAM **ILLINOIS DEPT. NATURAL RESOURCES PERMIT NO.:** 399
MINE WORKINGS ABOVE OR BELOW SEAM: NONE
INDIVIDUAL RESPONSIBLE FOR THE INFORMATION ON THIS MAP: TONY GILSON, MINE SUPERINTENDENT

ENGINEERING CERTIFICATION

I, Clayton A Cross, hereby certify that the information presented on this map is true and correct to the best of my knowledge and belief as determined by accepted engineering practices.

Clayton A Cross — Name
062-065486 — Illinois Registration Number (Seal)
Patton Mining, LLC — Firm
(217) 532-7310 — Phone Number
Clayton Cross — Signature
05/19/2026 — Date

SEAL
CLAYTON A. CROSS 062-065486 LICENSED PROFESSIONAL ENGINEER ILLINOIS

MINE OPENINGS

SLOPE
DEPTH - 1000 FT
DIMENSION - 16' x 22'
TOP ELEV - 630'
BOT ELEV - -130'
LOCATION - N: 903,000.0
E: 2,490,000

MAIN RETURN AIRSHAFT
DEPTH - 417.5 FT
DIAMETER - 16 FT
TOP ELEV - 630'
BOT ELEV - -153.7'
LOCATION - N: 902,000.0
E: 2,492,000.0

MAIN AIRSHAFT
DEPTH - 417.5 FT
DIAMETER - 22 FT
TOP ELEV - 630'
BOT ELEV - -130'
LOCATION - N: 902,000.0
E: 2,492,797

HEADGATE & SHAFT
DEPTH - 344.1 FT
DIAMETER - 22 FT
TOP ELEV - 630'
BOT ELEV - -99.6'
LOCATION - N: 903,000.0
E: 2,507,000.1

MONTGOMERY COUNTY
DEER RUN MINE

0 400 800 1200
SCALE: 1" = 400'

NOTE:
THERE ARE NO KNOWN MINE WORKINGS UNDERLYING OR OVERLAYING THE DEER RUN MINE WORKINGS.

NOTE:
MAP SHOWN AS OF 03/16/2026

FAN DATA

BACK-UP MINE FAN		MAIN MINE FAN	
MAKE:	JEFFREY	MAKE:	JEFFREY
MODEL:	BRUSH77 AEROTHE FAN	MODEL:	BRUSH77 AEROTHE FAN
SIZE:	6 FT	SIZE:	6 FT
SPEED:	0 RPM	SPEED:	450 RPM
WATER GAUGE:	0 in	WATER GAUGE:	6.4 in
AIR QUANTITY:	0 CFM	AIR QUANTITY:	525 MAP
BLADE:	12 BLADE	BLADE:	12 BLADE
BLADE SETTING:	59-35	BLADE SETTING:	59-55
MOTOR SPECIFICATIONS		MOTOR SPECIFICATIONS	
MAKE:	TOSHIBA	MAKE:	TOSHIBA
HORSEPOWER:	150 HP	HORSEPOWER:	150 HP
SPEED:	690 RPM	SPEED:	690 RPM
VOLTS:	4,160 VOLTS	VOLTS:	4,160 VOLTS
AMPS:	275 AMPS	AMPS:	275 AMPS
FRAME:	400-1250	FRAME:	400-1250

Drawn By: BM
Checked By: CC
Title: 2026 ANNUAL MAP
Date: 03/17/2026
Revision No:
Revision Date: