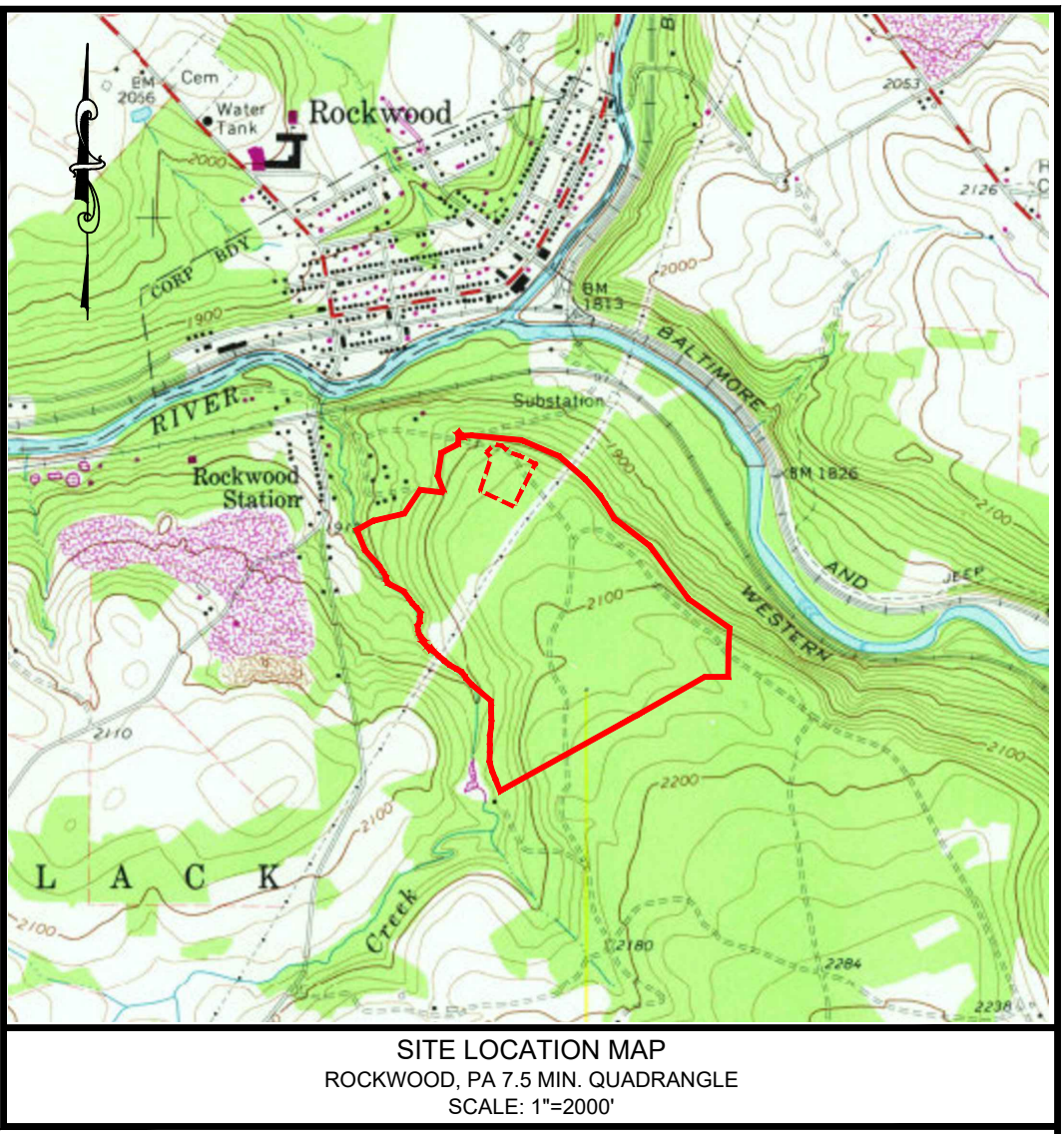
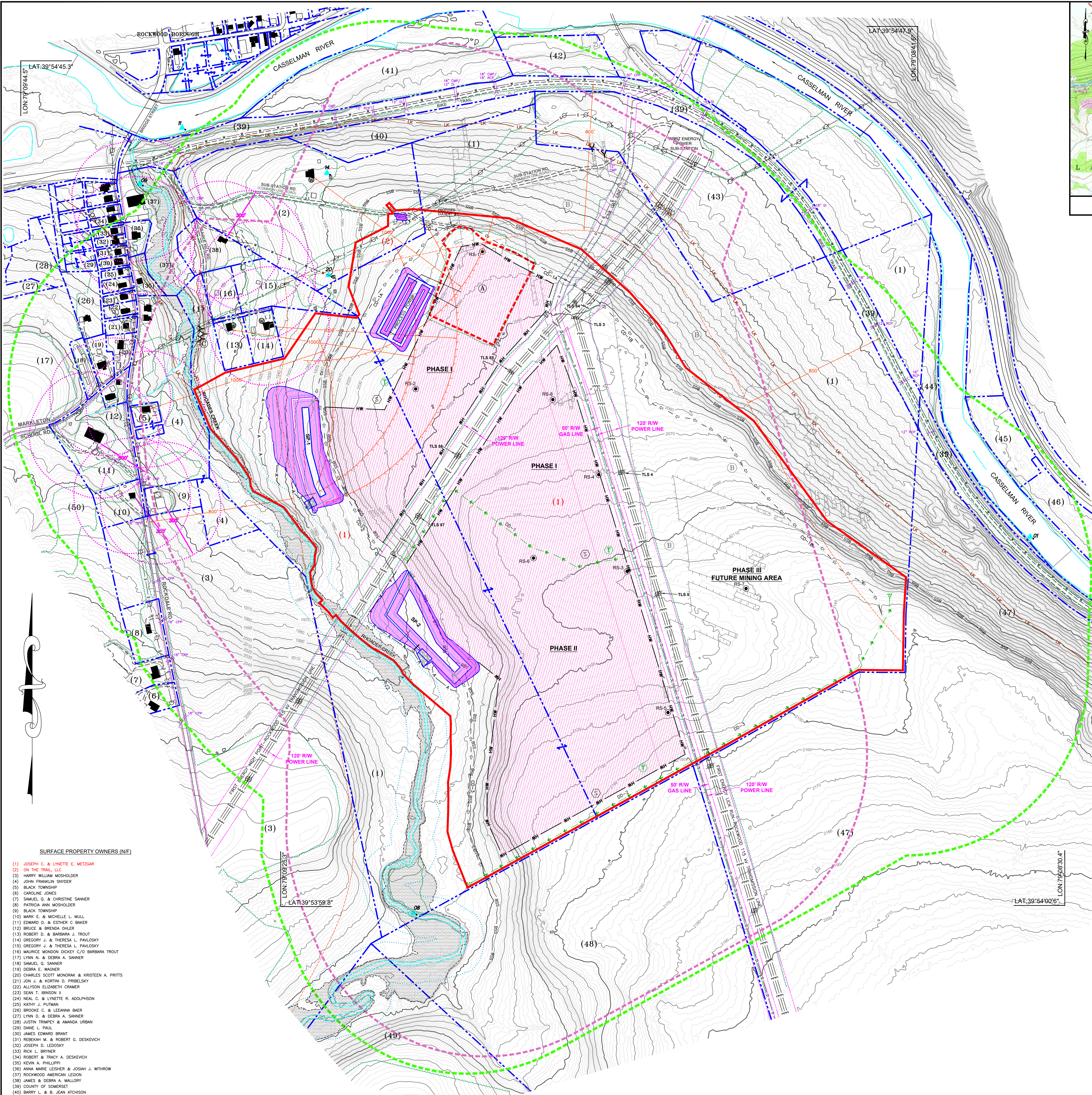




- LEGEND**
- PERMIT LINE - 175 ACRES
 - PERMIT LINE - EXISTING
 - 1000' OFFSET LINE
 - PROPERTY LINE
 - BARRIER
 - STREAM BARRIER
 - DWELLING BARRIER
 - EXISTING CONTOURS (2' INTERVAL)
 - PERENNIAL STREAM
 - EXISTING POND
 - IMPROVED ROAD
 - UNIMPROVED ROAD
 - RIGHT OF WAY / EASEMENT LINE
 - TREE LINE
 - GASLINE
 - ELECTRIC LINE
 - WATER LINE
 - OCCUPIED BUILDING
 - UNOCCUPIED BUILDING
 - EXISTING CULVERTS
 - PROPERTY NUMBERS
 - UTILITY POLE
 - TRANSMISSION LINE STRUCTURE & NO.
 - MINE ENTRY
 - DEEP MINE
 - CROP - BOTTOM OF FREEPORT SANDSTONE
 - LOWER KITTANNING CROP
 - WATER WELL
 - SPRING HOUSE
 - PROCESS PONDS
 - SEDIMENTATION POND
 - COLLECTION DITCH
 - DIVERSION DITCH
 - ALTERNATE E&S CONTROLS
 - HIGHWALL LIMIT
 - PROPOSED CULVERTS
 - ENERGY DISSIPATER
 - FEMA FLOOD ZONE A

- BLAST LEGEND**
- BLAST AREA
 - BLAST AREA 1000 FT OFFSET
 - BLAST DISTANCE OFFSET (800 FT STATE HIGHWAY AND BIKE TRAIL)
 - BLASTING WITHIN 1000FT OF STRUCTURES, WITHOUT A PRE-BLAST SURVEY, WILL UTILIZE A SEISMOGRAPH PER 77.562

NOTE: THE DWELLING ON PROPERTY NO. 14 IS THE NEAREST TO THE BLASTING AREA AT A DISTANCE OF APPROXIMATELY 520 FT.

NOTES:

- NO KNOWN ACTIVE OIL WELLS IN OR WITHIN 1000 FEET OF THE PERMIT AREA.
- NO KNOWN PUBLIC CEMETERIES, INDIAN BURIAL GROUNDS, OR ARCHAEOLOGICAL SITES KNOWN TO BE PRESENT.
- NO SOLID WASTE DISPOSAL AREAS ASSOCIATED WITH THIS PROJECT.
- NO REFUSE DISPOSAL AREAS ARE EXISTING OR PROPOSED ON THIS SITE.
- SEE MODULE 17 FOR AIR POLLUTION CONTROL FACILITY DETAILS.
- NO EXPLOSIVES STORAGE AREAS EXISTING OR PROPOSED IN OR WITHIN 1000 FT. OF THE PERMIT AREA.
- THERE ARE NO INCIDENTAL COAL EXTRACTION AREAS WITHIN THE PERMIT AREA.
- NO FACILITIES FOR THE PROTECTION OR ENHANCEMENT OF FISH AND WILDLIFE SPECIES.
- SCP = SMOOTH CONCRETE PIPE, SMP = SMOOTH METAL PIPE, CMP = CORRUGATED METAL PIPE, SPP = SMOOTH PLASTIC PIPE.

SURFACE PROPERTY OWNERS (N/F)

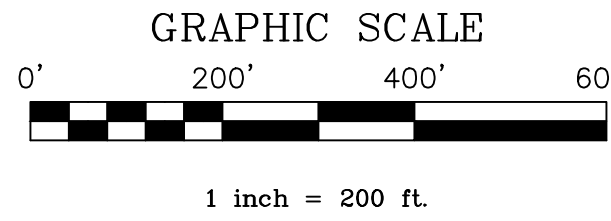
- JOSEPH C. & LYNETTE E. METZGAR
- ON THE TRAIL LLC
- HARRY WILLIAM MOSHOLDER
- JOHN FRANKLIN SNYDER
- BLACK TOWNSHIP
- CAROLINE JONES
- SAMUEL Q. & CHRISTINE SANNER
- PATRICIA ANN MOSHOLDER
- BLACK TOWNSHIP
- MARK E. & MICHELLE L. MULL
- EDWARD D. & ESTHER C. BAKER
- BRUCE & BRENDA OHLER
- ROBERT D. & BARBARA J. TROUT
- GREGORY J. & THERESA L. PAULOSKY
- GREGORY J. & THERESA L. PAULOSKY
- MAURICE WONDON DICKEY C/O BARBARA TROUT
- LYNN N. & DEBRA A. SANNER
- SAMUEL Q. SANNER
- DEBRA E. WAGNER
- CHARLES SCOTT MONORAK & KRISTEN A. PRITTS
- JOHN J. & KORTNI D. PRIEBESKY
- ALLISON ELIZABETH CRAMER
- SEAN T. IBINSON II
- NEAL C. & LYNETTE R. ADOLPHSON
- KATHY J. PUTMAN
- BROOKE C. & LEEANNA BAER
- LYNN D. & DEBRA A. SANNER
- JUSTIN TRIMPEY & AMANDA URBAN
- DANE L. PAUL
- JAMES EDWARD BRANT
- REBEKAH W. & ROBERT G. DESKEVICH
- JOSEPH D. LEDZOSKY
- RICK L. BRYNER
- ROBERT & TRACY A. DESKEVICH
- KEVIN A. PHILLIPS
- ANNA WHITE LEISHER & JOSIAH J. WITROW
- ROCKWOOD AMERICAN LEGION
- JAMES & DEBRA A. MALLORY
- COUNTY OF SOMERSET
- BARRY L. & B. JEAN ATCHISON
- BARRY L. & B. JEAN ATCHISON
- PENELEC C/O FIRST ENERGY SERVICE CO.
- PENELEC C/O FIRST ENERGY SERVICE CO.
- DOUGLAS L. & ROXANNE SANNER
- TODD DAVID MILLER & HEATHER M. WEMER
- BAG RE CO. C/O CSX TRANSPORTATION CO. INC.
- DOUGLAS L. & ROXANNE SANNER
- KRISTIN ATCHISON TRUSTEES C/O OF LARRY R. SANNER
- GAL A. SINGER
- SAMUEL Q. & CHRISTINE SANNER

RED=PROPERTY WITHIN PERMIT AREA

NOTE: THIS EXHIBIT WAS PREPARED IN ACCORDANCE WITH ACCEPTED ENGINEERING, GEOLOGY, AND SURVEYING PRACTICES. THE FEATURES WITHIN 1000' OF THE PERMIT AREA WERE PREPARED WITH THE AID OF USGS MAPS, AERIAL PHOTOGRAPHY, FIELD OBSERVATION, AND COUNTY TAX RECORDS. THE FEATURES OUTSIDE OF THE 1000' PERMITER ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND THEIR ACCURACY IS NEITHER STATED NOR IMPLIED TO BE OTHER THAN GENERAL INFORMATION. PROPERTY LINES DO NOT REPRESENT ACTUAL PROPERTY SURVEYS.

UTILITY LOCATIONS ARE DEPICTED THROUGH FIELD RECONNAISSANCE AND MAY NOT REPRESENT ACTUAL OR SURVEYED LOCATIONS. PRIOR TO ANY MINING OR EXCAVATION THE OPERATOR IS REQUIRED TO NOTIFY THE PA ONE CALL SYSTEM, INC. (DIAL 811 OR 1-800-242-1766) TO HAVE ALL UTILITY LINES LOCATED.

THE LOCATION AND EXTENT OF ABANDONED UNDERGROUND MINE WORKINGS SHOWN ON THIS DRAWING ARE BASED UPON AVAILABLE DATA WITHOUT THE BENEFIT OF A FINAL CERTIFIED MINE MAP. ACCORDINGLY, NEITHER EARTHTECH, INC. NOR THE PROFESSIONAL ENGINEER SEALING THESE MAPS CERTIFIES, WARRANTS, OR GUARANTEES THE PRECISE LOCATION OR EXTENT OF ABANDONED MINE WORKINGS DEPICTED HEREON. UNKNOWN OR UNMAPPED MINES MAY EXTEND BEYOND THE DEPICTED BOUNDARIES AND MAY CONTAIN SAFETY HAZARDS.



DRAWING FILE NAME: Rockwood Quarry 2024.dwg			
NO.	DATE	DESCRIPTION	BY

EXHIBIT 16.17 - BLAST PLAN MAP

ROCKWOOD STONE, LLC
ROCKWOOD QUARRY

BLACK TOWNSHIP, SOMERSET COUNTY, PA.

SCALE: 1" = 200' DATE: 01-31-2025

Earthtech, Inc.
966 Pleasant Hill Road, Somerset, PA 15501
Telephone: (814) 266-6402
<http://www.earthtechinc.net>