

LEGEND

WATER QUALITY PERMIT 745 acres

AMENDED AREA 75 acres

NEW TOTAL 820 acres

MINING BARRIER

OCCUPIED DWELLINGS

UNOCCUPIED DWELLINGS

50% MINING AREAS

SANDSTONE ROLL

ACTIVE & ABANDONED SURFACE MINES

ABANDONED DEEP MINES

KEY TO INDIVIDUAL SURFACE OWNERS

STRUCTURE CONTOUR (Lower Freeport Seam)

DRILL HOLE

LOWER FREEPORT COAL SEAM OUTCROP

SURFACE FACILITIES AREA

DISCHARGE POINT LOCATION

INDEX TO SMALL PARCEL OWNERS

- 1 Jack Karsky
- 2 Richard Shanks
- 3 Albert Puchowski
- 4 Michael D'Amico
- 5 Carl Dodson
- 6 Richard Roper
- 7 Joseph Kubit
- 8 Stanley Kubit
- 9 Bernard Svidergol
- 10 Allen Trees
- 11 Ester Niekirk
- 12 William Miller
- 13 Alex Yobsky
- 14 Sylvia Doren
- 15 Russell Mulliken
- 16 Herbert Stanton
- 17 Alex Yobsky
- 18 Donald Samdell
- 19 Walter Saria
- 20 Walter Saria
- 21 Walter Saria
- 22 Kenneth Smith
- 23 Ada Szwargot
- 24 Robert Howard
- 25 Robert Howard
- 26 Donald Lamm
- 27 Douglas Edwards
- 28 Leland Siner
- 29 Leland Siner
- 30 Leland Siner
- 31 Joseph Grove
- 32 Alex Yobsky
- 33 Alvin Horn
- 34 Bethel Church
- 35 Cambria & Indiana Railroad
- 36 Cambria County Communications Inc.
- 37 Commonwealth of Pennsylvania
- 38 AT&T Communications
- 39 John Sanderlin
- 40 John Bronick
- 41 William Cook
- 42 Alex Yobsky
- 43 Gomer Lotzberg
- 44 Albert Kubit
- 45 Frank Kubit
- 46 Alice Tobin
- 47 William Tobin
- 48 Jack Gorman
- 49 Edward Yankin
- 50 Peter Olshavsky
- 51 Katherine Nizick
- 52 Roy Hollingsworth
- 53 Paul Yobsky
- 54 Elizabeth Gordosky
- 55 John Wolterspoon
- 56 Marie Basse
- 57 Lancaster Lodge
- 58 Jack Keilman
- 59 Paul Crawford
- 60 James Manning
- 61 Ester Reed
- 62 Jean Goodrich
- 63 Richard McCullough
- 64 John Martin
- 65 George Wacorch
- 66 Harry Noel
- 67 John Wacorch
- 68 Linda Biber
- 69 George Lashinsky
- 70 John Beyer
- 71 Francis Lombardi
- 72 Timothy Forester
- 73 Thomas Czekotnick
- 74 Paul Balick
- 75 Mark Koenig
- 76 Forrest Jones
- 77 Ronald Schirato
- 78 James Casper
- 79 John Egert
- 80 Stephen Symanski
- 81 Thomas Czekotnick
- 82 Paul Balick
- 83 Thomas Hoffman

INDEX TO COAL OWNERSHIP

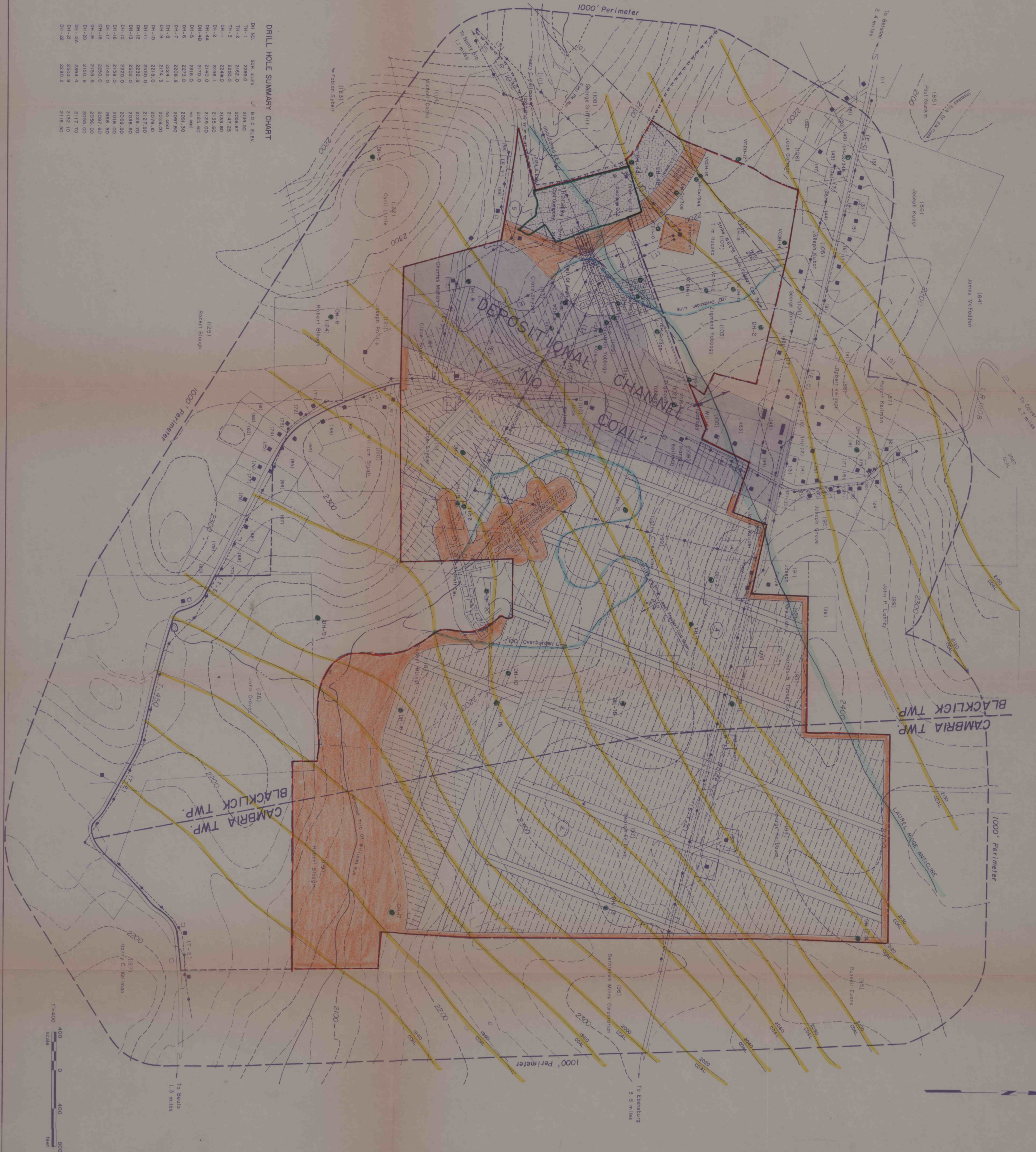
- 1 Harry C. Keilman
- 2 Lefrimer A. Co.
- 3 Lincoln Coal Co.
- 4 Barnes & Tucker Co.
- 5 Cambria County

UTILITIES LEGEND

- E = Electric Line
C = Cable
T = Telephone Line
G = Natural Gas Line

DRILL HOLE SUMMARY CHART

DRILL NO.	SUR. ELEV.	LF B.O.C. ELEV.
DH-1	2285.0	204.50
DH-2	2162.0	2028.67
DH-3	2245.0	2033.80
DH-4	2248.1	2135.80
DH-5	2140.0	2129.00
DH-6	2170.0	2125.80
DH-7	2232.9	no coal
DH-8	2232.0	2091.30
DH-9	2229.8	2097.80
DH-10	2229.8	2058.00
DH-11	2174.3	2076.00
DH-12	2218.0	2127.80
DH-13	2232.9	2129.70
DH-14	2202.0	2038.60
DH-15	2229.0	2069.90
DH-16	2229.0	2069.90
DH-17	2142.0	1985.50
DH-18	2250.0	2087.60
DH-19	2158.6	2056.00
DH-20	2150.8	2056.00
DH-21	2117.70	2117.70
DH-22	2303.9	2132.10
DH-23	2290.2	2118.50



PREPARED BY
VAPCO ENGINEERING
PUNXSUTAWNEY, PENNSYLVANIA

REVISIONS	DATE	BY	BL	DRAWN BY	BL	CHECKED BY	WDS	DATE	MAY, 1985	SCALE	1"=400'	FILE NO.
August 28, 1986												
December 19, 1986												
Feb 11, 1987												
5/23/89												



APPROVED: _____
DATE: _____
APPROVED: _____
DATE: _____
APPROVED: *Van G. Plocus*
DATE: *5-25-87* REG. NO. *25446-E*

NOTE:
1. This map has been prepared from county tax maps, deed, & field markers. This does not represent an actual survey of properties shown.
2. Contours & natural features were taken from a 7.5 min. Nanty 60 & Colver U.S.G. quadrangles.

PROPOSED DEEP MINE
VALLEY COAL COMPANY
VALLEY #16 MINE
Blacklick & Cambria Twp. Cambria Co.

OPERATION PLAN

MINE
DEVELOPMENT
MAP

