DEEP MINE SAFETY 400

REVISED

JUN 3 1997

MODULE 19 PAGE 2

Seal

EDWIN S. SECOR
ENGINEER
26388-E

VALLEY COAL COMPANY
LEONARD RUN NO. 1 MINE

LOWER KITTANNING SEAM
PINE & CHERRYHILL TWP. INDIANA CO.

Drawn By:	D.J.Z.
Checked By:	D.J.Z.
Date:	3-18-97
Revised:	5-5-97
Dwg.	VAL19

MEI
RD 1 Central City, PA 15926
(814) 754-8477
Musser Engineering, Inc.

EXHIBIT 19.2 Environmental Resources Map

SHEET 1 OF 2

SCALE 1" = 400'

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Dept. of Environmental Protection
McMurray District Office

SOAP PROJECT AREA
STRIKE
3.2° DIP N 50° E
DRILL HOLES 97-1, 97-2, & PZ-2 WERE USED TO CALCULATE THE DIP & STRIKE
CHERRYHILL TOWNSHIP
PINE TOWNSHIP
T-633
T-864
YELLOW CREEK
NO MINING AREA
25° ANGLE OF DRAW
MINE SHAFT
HYDRAULIC BARRIER
Zone of Potential Influence
400' COVER LINE
EDGE OF WATER IN L.F. MINE ELEV. 1515
SAFETY ZONE 50% MINING AREA
HELLWOOD NO.2 & 3 DEEP MINES MONITORING WELL
MP33
DH H75-05
DH PT50
DH H75-30
DH H75-32
DH PT78
DH H75-01
DH H74-04R
DH H74-02
DH 6
DH 5
DH 7
DH 2
DH LR4
DH LR5
DH LR7
PENN MARY NO. 3
SR 403
SR 1011
T-631
T-585
T-904
LEONARD RUN
ABANDONED GAS WELL
GAS WELL 150' NO MINING
NO MINING GAS WELL
100' COVER
12000 N
10000 N
6000 N
4000 N
2000 N
0 N
0 E
2000 E
4000 E
6000 E

LEGEND

Mine Permit Area		2116.81 Acres
Subsidence Control Plan Area		2026.32 Acres
Underground Area Added		729 Acres
Underground Area Deleted		55 Acres
Surface Site		25 Acres
Property Lines		
Roads	Public or Non-Public	
Streams	Perennial or Intermittant	
Ponds		
Dwelling	■	
Other Buildings	□	
Contours	Surface 2400	Coal 1480
Drill Holes	DH ● 2	
Gas Wells	●	
Utility Lines	E - Electric T - Telephone G - Gas	UGTC - Underground Telephone Cable W - Water C - TV Cable
Springs	SP38	
Wells	SP37	
Water Monitoring Point	MP22	
Deep Mine Entry		
Deep Mine Boundary		
Previously Surface Mined Area		
Mine Reference	"B" Keyed To Module 9	

COAL OUTCROPS

Lower Freeport Outcrop
Middle Kittanning Outcrop

PORTAL ELEV.	
PORTAL #1	1566
PORTAL #2	1565
PORTAL #3	1563
PORTAL #4	1562

①	ROBERT ONDO
②	SAMUEL LONG
③	ALEX & PEARL JUSKO
⑤	JAMES ROACH
⑥	WAYNE DETWILER
⑦	BARBARA JANOWICK
⑧	JAMES CRYDER
⑨	DANIEL SLEPPY
⑩	MARLENE FELDMAN
⑪	WILLIAM RODGERS
⑫	GOLDIE DETWILER
⑬	THOMAS OROS
⑭	WAYNE MATTHIS
⑯	JEAN SMOLICH
⑰	WILLIAM PRESTO
⑱	ANGELINE TERLION
⑲	PARAGON DEVELOPMENT CORP.
⑳	HAROLD STUBBS
㉑	EDWARD RATAY
㉒	JOSEPH ZURAY
㉓	CHARLES RATAY
㉔	RICHARD HELLER
㉖	CARL SNYDER
㉗	LARRY BEER
㉘	PAUL DABELLA
㉙	THERESA DONAHUE
㉚	VALLEY COAL COMPANY
㉛	RONALD SLEPPY
㉜	FORREST ORNER
㉝	J. J. PELKY
㉞	JOHN SEXTON SR.
㉟	LEO RIETSCHA
㊱	PATRICK MOWERY
㊲	WILLIAM MOCK
㊳	THOMAS KUZEMCHAK
㊴	WALTER LIGAS
㊵	FRANK BENKO
㊶	PAUL SLEPPY
㊷	SAMUEL MARISHKANISH
㊸	EDMUND PARFITT
㊹	JOHN DOMINGO
㊺	MARY SUTILA
㊻	DANIEL TERLION
㊼	LARRY LANE HILL
㊽	HOWARD PAUL SLEPPY
㊾	BEILCHICK BROTHERS
㊿	RICHARD FELDMAN
(51)	DEBRA SHOTTS
(52)	WILLIAM WOLFE
(53)	WINIFRED STEWART
(54)	DANIEL SLEPPY
(55)	HENRY KREVEL
(56)	JEFFREY HOLMES
(57)	WILLIAM RODGERS
(58)	ROY SCHAEFFER
(59)	PAUL STRONG
(60)	MELVIN HANNAH
(74)	RONALD J. SLEPPY
(106)	BERNARD DUM
(114)	THEODORE LIEB
(116)	ROBERT & THOMAS MISTICK
(117)	PAUL WELSH
(118)	JOHN KUZEMCHAK
(119)	CLYDE WALTERMIRE
(120)	BEILCHICK BROTHERS
(121)	JOHN E. EVANS III
(122)	HUGH SMITH
(123)	JOHN E. EVANS III
(124)	DEVON COAL COMPANY
(125)	C&I RESOURCES CO.
(126)	JAMES CARINO
(127)	HENRY KREVEL
(128)	FRANCY MANTINE
(129)	ROBERT HOUCK
(133)	JOSEPH VEHOVIC