



SURFACE / SUBSURFACE OWNERSHIP	
SURFACE OWNERSHIP	COAL OWNERSHIP (UK ONLY)
1 K & J COAL CO., INC.	K & J COAL CO., INC.
2 DAVID ORE	"
3 MICHAEL LINK	"
4 MICHAEL LINK	"
5 DONALD HOLTZ	"
6 JOSEPH E. LACUE	"
7 DENNIS JOHNSON, MRS.	DENNIS JOHNSON, MRS.
8 RICHARD KUTRUFF	K & J COAL CO., INC.
9 PAUL WARNER & BERTILLE STANOVICH	PAUL WARNER & BERTILLE STANOVICH
10 DENNIS JOHNSON, MRS.	K & J COAL CO., INC.
11 LEON LECHENE	LEON LECHENE
12 MRS. DENNIS JOHNSON	K & J COAL CO., INC.
13 HENRY R. LEIDEN	HENRY R. LEIDEN
14 JOSEPH A. LONG	JOSEPH A. LONG
15 JOSEPH A. LONG	"
16 CHARLES STROMMIE	CHARLES STROMMIE
17 CLEMENT B. HOLTZ	CLEMENT B. HOLTZ
18 MRS. MICHAEL WEAKLAND	MRS. MICHAEL WEAKLAND
19 CLEMENT HOLTZ	CLEMENT HOLTZ
20 JACOB LEIDEN ESTATE	JACOB LEIDEN ESTATE
21 GERALD F. LEIDEN	GERALD F. LEIDEN
22 JOSEPH DRASS	K & J COAL CO., INC.
23 JOSEPH F. LEIDEN	"
24 ST. LAWRENCE CHURCH	ST. LAWRENCE CHURCH
25 VIOLET LEIDEN	VIOLET LEIDEN
26 HOWARD SNYDER JR.	HOWARD SNYDER JR.
27 HARRY A. KRAMER	HARRY A. KRAMER
28 JOHN E. LINK	JOHN E. LINK
29 GARY MIALLOW	GARY MIALLOW
30 CHEST TWP SUPERVISORS	CHEST TWP SUPERVISORS
31 ROBERT J. LINK	ROBERT J. LINK
32 ROBERT J. LINK	"
33 BERNARD NIEBAUER	BERNARD NIEBAUER
34 ROBERT J. LINK	ROBERT J. LINK
35 JEROME R. KUTRUFF	JEROME R. KUTRUFF
36 ST. LAWRENCE CHURCH HALL	ST. LAWRENCE CHURCH HALL
37 DAVID M. FEDOR	DAVID M. FEDOR
38 EDWARD D. DONAHUE	ST. LAWRENCE CATHOLIC CHURCH
39 JOSEPH LEIDEN	JOSEPH LEIDEN
40 ROBERT LEIDEN	K & J COAL CO., INC.
41 A.R.C. ASSOCIATES	"
42 RAY CONAUER	"
43 MICHAEL FEDOR	K & J COAL CO., INC.
44 MICHAEL FEDOR	"
45 ADRIAN CONAUER	"
46 JOHN E. LINK	"
47 K & J COAL CO., INC.	"
48 K & J COAL CO., INC.	"
49 JOSEPH GABER	JOSEPH GABER
50 K & J COAL CO., INC.	K & J COAL CO., INC.
51 PAUL NOVELLA	"
52 RUDY J. BECKER	"
53 DENNIS T. MCNULTY	"

LEGEND

	YEAR 1		YEAR 6
	YEAR 2		YEAR 7
	YEAR 3		YEAR 8
	YEAR 4		YEAR 9
	YEAR 5		YEAR 10

50% MINING AREA (1ST EXTRACTION ONLY) LESS THAN 100' COVER

PROPERTY BOUNDARY

EXIST SURFACE MINES - KEY NOS. TO OPERATIONS

PLAN - MINE WORKINGS

COAL BARRIERS - NO MINING AREAS WITHIN PERMIT BOUND.

VARIANCE AREA

PERIMETER BARRIERS OUTSIDE PERMIT AREA.

SURFACE SUPPORT AREA TO BE BONDED

NOTE:
LINE PROJECTIONS SHOW THE GENERAL ORIENTATION OF ENTRIES. THE ACTUAL NUMBER OF ENTRIES MINED MAY BE MORE OR LESS THAN SHOWN BASED ON GROUND CONDITIONS AND COAL PRODUCTION OPTIMIZATION.

KEY TO ABBREVIATIONS:

- D - DWELLING
- B - BARN
- O - OUTBUILDING
- T - TRAILER
- A - ABANDONED
- * - DENOTES PRE 1966 STRUCTURE

EXHIBIT 19.3
SUBSIDENCE CONTROL PLAN

K & J COAL CO., INC.
SOUTH MINE
UPPER KITTANNING SEAM
CMAF # 11851302
CHEST TOWNSHIP CAMBRIA COUNTY
PENNSYLVANIA

SCALE: 1" = 400'

MINETECH ENGINEERS
ALTOONA PENNSYLVANIA

DATE: NOV 19 1988

Ed M. Cole