



- (1) JOHN C. MCGUIREY (2)
- (2) RICHARD M. ROSSO (2)
- (3) PHILIP A. & FLORA LAMBERT (2)
- (4) WALTER A. & STACY DUPPSTADT (2)
- (5) PHILIP J. DODDAGE JR. (2)
- (6) KENNETH & BARBARA BLAIR (2)
- (7) DONALD R. & DALE H. BROWNING (2)
- (8) ROGER & HELEN BRYANT (2)
- (9) BRITISH OVERSEAS PROPERTIES (2)
- (10) INDIAN LAKE DEVELOPMENT CO. (2)
- (11) BRITISH OVERSEAS PROPERTIES (2)
- (12) JUNE LAMBERT (2)
- (13) T.L. ISMAN, INC. (2)
- (14) MARK DUPPSTADT (2)
- (15) CHARLES & SHERYL LAMBERT (2)
- (16) DOYAL & RUTH WANKMAYER (2)
- (17) KATHLEEN M. CAREY (2)
- (18) HENRY & KATHLEEN HOPKINS (2)
- (19) BRITISH OVERSEAS PROPERTIES (2)
- (20) JOHN E. & DAVID F. MARTIN (2)
- (21) BERNARD & THERESA PARK (2)
- (22) SHERRY WEAVER & THIA SUTO (2)
- (23) ROBERT BAYMOND (2)
- (24) PEARL H. BOCK (2)
- (25) DAVID & JOAN ZIMMERMAN (2)
- (26) T.L. ISMAN, INC. (2)
- (27) JAMES L. SULLIVAN (2)
- (28) F.A. ENTERPRISES (2)
- (29) CHARLES & RITA HART (2)
- (30) WELBY & CLARA WILSON (2)
- (31) T.L. ISMAN, INC. (2)
- (32) REG & MARY WARDY (2)
- (33) JACK & SANDRA SHANTER (2)
- (34) TOM & BERGDA WALKER (2)
- (35) WILLARD & DEANNA WILL (2)
- (36) HELEN KENNETH (2)
- (37) CLAR HAMEL (2)
- (38) SHANE BR. INC. (2)
- (39) JAMES DUPPSTADT (2)
- (40) ERNEST & ANN MILLER (2)
- (41) CHARLES D. WARDER (2)
- (42) WILLIAM DECKER (2)
- (43) CHASEN T. CARPAGNIA (2)
- (44) LUCILLA DUPPSTADT (2)
- (45) GEORGE & BLUMA BENET (2)
- (46) FRANKLIN WEISBERG JR. et al. (2)
- (47) JOHN & INNA RUTH FERRO (4)
- (48) KARL & JEAN DUPPSTADT (4)
- (49) COMMONWEALTH OF PENNSYLVANIA (2)
- (50) JOHN & LEDNA CARSON (2)
- (51) RICHARD & ARLINE DUPPSTADT (2)(4)

LOWER KITTANNING
PROPOSED MINING FORECAST
 The following Sub-area Forecast represents Development Mining. Retreat Mining may overlap previously developed areas.

- (1) First Year
- (2) Second Year
- (3) Third Year
- (4) Fourth Year
- (5) Fifth Year
- (6) Sixth thru Tenth Year
- (7) Eleventh thru Fifteenth Year

LEGEND

- 263 Acres
- 977 Acres
- Lower Kittanning Amended Area
- Property Lines
- Roads
- Streams
- Ponds
- Dwelling Constructed Prior To April 1966 and Protected Buildings
- Other Buildings
- Surface Contours --- 2560
- L.K. Coal Contours --- 2000
- M.K. Coal Contours --- 2060
- Drill Holes
- Utility Lines
- Deep Mine Entry
- Subsidence Control Block
- Previously Surface Mined Area
- Surface Affected Area 561 Acres
- Existing Deep Mine Permit Area 739.0 Acres
- Indian Lake Boro 143.6 Acres
- Proposed Deep Mine Amendment Area 977 Acres
- Stonycreek Township 478 Acres
- Shode Township 498 Acres
- Indian Lake Boro 1 Acre
- Springs
- Wells

DH No.	DRILL		HOLE		RECORD	
	Surface Elevation	M.K. Elevation	L.K. Elevation	L.K. Thk.	Interburden	S.W.L.
DH-10	2345	1965	1916	38"	NONE	
RG-40	2413	2071	2004	91"	59'	
RG-50C	2539	NONE	2089	86"		
RG-54	2514	NONE	2038	95"		
RG-55	2418	2080	22"	2000	48'	76'
RG-58	2388	2055	23"	1995	72'	54'
RG-59	2506	2140	20"	2077	103'	54'
RG-60	2459	2088	44"	2031	104'	48'
RG-70	2427	2041	42"	1983	99'	50'
D-47	2432	2085	31"	2020	NONE	
D-48	2404	2047	43"	1987	60"	55'
D-49	2400	2053	31"	1996	77'	51'
D-86	2395	2035	29"	1977	102'	51'
D-90	2348	NONE		2049	NONE	
DH-50	2393	NONE		NONE		
DH-51	2364	NONE		1961	80"	
DH-52	2367	2014	42"	1969	71"	39'
9332	2349.5	NONE		1940	18"	219
9333	2378	NONE		1950	60"	2321
SF-6	2427	2069	18"	1995	71"	64'

SHEET 2 OF 2

DEC 28 1994

Digit of Environmental Resources
 Allegheny County Office

PANDALL LEE MUSSER
 REGISTERED PROFESSIONAL ENGINEER
 No. 30075-E

Drawn By: _____
 Checked By: _____
 Date: _____

RD 1 Central City, PA 15926
 (814) 754-8477

Musser Engineering, Inc.

P.B.S. COALS, INC.
 DIAMOND T DEEP MINES 1 & 2
 LOWER AND MIDDLE KITTANNING SEAMS
 Stonycreek Township, Somerset County, PA
 Scale: 1" = 400' REVISED: DEC 28 1994

MODULE 19.3 - SUBSIDENCE CONTROL PLAN MAP

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