





LEGEND

-  INACTIVE SURFACE MINE - PREVIOUS
-  INACTIVE SURFACE MINE - FUTURE
-  PROJECT BOUNDARY
-  ACTIVE SURFACE MINE



OWENS COAL CO.
LOWER KITTANNING
APPLICATION NO. 4674 SM29
DATE 12-9-74

PERRY & VASLANDER
RIDER SEAM
1955

SMITH & ROGAS
1965

GLEN IRVAN CORP.
LOWER FREEPORT
APPLICATION NO. 4675 SM7

OWENS MINING CO.
APPLICATION NO. 4674SM18
DATE 8-29-74

PERRY & VASLANDER
1956-59

OWENS MINING CO.
MIDDLE KITTANNING
LOWER KITTANNING
APPLICATION 4674SM4
DATE 8-19-75

GLEN IRVAN CORP.
UPPER KITTANNING
LOWER FREEPORT
UPPER FREEPORT
APPLICANT
NO. 4675SM9
DATE 1-19-76

HEBURNIA COAL CO.
LOWER FREEPORT
MIDDLE KITTANNING
LOWER KITTANNING
APPLICATION NO. 4676 SM6
DATE 7-29-76

BONA
1950

CARL & ARNOLD JAMES
1940

H. MOTTERN
UPPER KITTANNING
1935

H. MOTTERN
1937-39

SMITH & ROGAS
MIDDLE KITTANNING
BRUSH CREEK
UPPER FREEPORT
LOWER KITTANNING
DATE 10-12-66
STRIP MINE PERMIT NO. 135-6
DRAINAGE PERMIT NO. 3066BSM46
ACTIVE

OWENS MINING CO.
MIDDLE KITTANNING
APPLICATION NO. 4674 SM25
DATE 11-11-74

TAMBURLIN BROS.
UPPER KITTANNING
MIDDLE KITTANNING
ACTIVE
DRAINAGE PERMIT NO. 4672 SM6
MINE PERMIT NO. 472-7

FAIRVIEW COAL CO.
BRUSH CREEK
UPPER FREEPORT
APPLICATION NO. 4674SM13

FAIRVIEW COAL CO.
LOWER FREEPORT
APPLICATION NO. 4676 SM12
DATE 7-1-76

STARR
LOWER KITTANNING
MIDDLE KITTANNING
LOWER FREEPORT
APPLICATION NO. 3065 BSM 39
3065 BSM 37
DATE 6-3-66
"C-1" PERMIT 11-19-65

VOLLMER
LOWER KITTANNING
UPPER KITTANNING
STRIP MINE PERMIT NO. 142-1
DRAINAGE PERMIT NO. 3067BSM3

STARR
LOWER KITTANNING
MIDDLE KITTANNING
LOWER FREEPORT
APPLICATION NO. 3065 BSM 5
DATE 9-27-65
STRIP MINE PERMIT NO. 368-1 (A2)
DRAINAGE PERMIT NO. 18065-M-7

STARR
LOWER KITTANNING
MIDDLE KITTANNING
REG. NO. 1758
PRIOR TO 1962

NEW SHAWMUT
LOWER KITTANNING
MIDDLE KITTANNING
DATE
STRIP MINE PERMIT NO.
DRAINAGE PERMIT NO. 3065 BSM 31

TAMBURLIN BROS.
1969

LATER - PERRY & VASLANDER
MIDDLE KITTANNING
LOWER KITTANNING
LOWER FREEPORT

NOTE:
DATA ON SURFACE MINES NOT
SHOWING PERMIT NUMBERS WERE
OBTAINED BY CONVERSATIONS
WITH RESIDENTS OF THE PROJECT
AREA.

Jack Pine Ridge

Four Points

Sand Spring

Sawmill

Kylers Corners

Toby

PERRY & VASLANDER

BOND

Dagus Mines

Dagus

Barbville

Shelvey

Kersey

Pain

M O

STA

ANN

Kersey

x 2071

x 1966

1994X

2045X

x 1930

Rider Cem

BM 1985

Substation

BM 1971

927

964

2071

2071

1900

x 2005

939

900

1960

1900

1900

2000

2100

2000

2000

2100

2015

2100

1900

2000

1800

1900

1700

1800

1600

1700

1500

1600

1400

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3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

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4600

4700

4800

4900

5000

5100

5200

5300

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5600

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6700

6800

6900

7000

7100

7200

7300

7400

7500

7600

7700

7800

7900

8000

8100

8200

8300

8400

8500

8600

8700

8800

8900

9000

9100

9200

9300

9400

9500

9600

9700

9800

9900

10000