

MONITORING PROGRAM

● BACKGROUND SAMPLE
▲ MONITORING POINT

C-1	890	CROOKED CREEK - ABOVE OPERATION
C-2	898	CROOKED CREEK - BELOW OPERATION
C-3	896	SEARS RUN - GENERAL AREA
C-4	970	UNNAMED TRIBUTARY - ABOVE OPERATION
C-5	918	UNNAMED TRIBUTARY - BELOW OPERATION
C-6	890	UNNAMED TRIBUTARY - ABOVE OPERATION
C-7	1023	UNNAMED TRIBUTARY - BELOW OPERATION
C-8	1089	UNNAMED TRIBUTARY - GENERAL AREA
MD-1	940	DEEP MINE DISCHARGE - LF
MD-2	952	DEEP MINE DISCHARGE - LF
MD-3	1122	DEEP MINE DISCHARGE - LF
MD-4	1129	DEEP MINE DISCHARGE - LF
MD-5	1118	DEEP MINE DISCHARGE - LF
MD-6	1108	DEEP MINE DISCHARGE - LF
MD-7	1127	DEEP MINE DISCHARGE - LF
MD-8	1129	DEEP MINE DISCHARGE - LF
MD-9	1133	DEEP MINE DISCHARGE - LF
MD-10	1115	SEEP - NOT A WATER SUPPLY
S-1	1080	TOE OF SPOIL SEEP - LF, UF
S-2	1035	SEEP - NOT A WATER SUPPLY
S-3	1035	SEEP - NOT A WATER SUPPLY
S-4	1035	SEEP - NOT A WATER SUPPLY
S-5	1032	SEEP - NOT A WATER SUPPLY
S-6	1005	SEEP - NOT A WATER SUPPLY
S-7	1015	SEEP - NOT A WATER SUPPLY
S-8	988	SEEP - NOT A WATER SUPPLY
S-9	908	SEEP - NOT A WATER SUPPLY
S-10	908	SEEP - NOT A WATER SUPPLY
S-11	908	SEEP - NOT A WATER SUPPLY
S-12	899	SEEP - NOT A WATER SUPPLY
S-13	927	SEEP - NOT A WATER SUPPLY
S-14	990	SEEP - NOT A WATER SUPPLY
S-15	1030	SEEP - NOT A WATER SUPPLY
S-16	1100	SEEP - NOT A WATER SUPPLY
S-17	1080	SEEP - NOT A WATER SUPPLY
S-18	1082	SEEP - NOT A WATER SUPPLY
S-19	1130	SEEP - NOT A WATER SUPPLY
S-20	1132	SEEP - NOT A WATER SUPPLY
S-21	1048	SEEP - NOT A WATER SUPPLY
S-22	1048	SEEP - NOT A WATER SUPPLY
S-23	1110	SEEP - NOT A WATER SUPPLY
S-24	1109	SEEP - NOT A WATER SUPPLY
S-25	1108	SEEP - NOT A WATER SUPPLY
S-26	1108	SEEP - NOT A WATER SUPPLY
S-27	1078	SEEP - NOT A WATER SUPPLY
S-28	1078	SEEP - NOT A WATER SUPPLY
S-29	1078	SEEP - NOT A WATER SUPPLY
S-30	1096	SEEP - NOT A WATER SUPPLY
S-31	900	SEEP - NOT A WATER SUPPLY
W-1	926	WELL SUPPLY FOR RICHARD P. & MARY A. MCNULTY & TOM DONELOW (OCCUPANT)

LEGEND

- DWELLING
- UNOCCUPIED BUILDING (GARAGE, SHED, ETC.)
- BARN
- MONITORING POINT
- BACKGROUND SAMPLE
- TEST HOLE
- COUNTRY BANK
- REGIONAL GROUND WATER FLOW
- LOCAL GROUND WATER FLOW
- COAL OUTCROP
- GAS LINE WITH 25' GAS LINE BARRIER
- STREAM
- 100' STREAM BARRIER
- TELEPHONE LINE
- POWER LINE
- IMPROVED ROAD
- WITH
- 100' ROAD BARRIER
- UNIMPROVED ROAD (DIRT ROADS, DRIVES, ETC.)
- PROPERTY LINES
- PERMIT LIMIT
- SURFACE MINES
- LF COAL CONTOURS
- WETLANDS
- CULVERT
- BRIDGE
- FINAL HIGHWALL
- GAS WELL WITH 125' BARRIER

PROPERTY OWNERS

P-1	CAROLYN G. ANKENY
P-2	JOAN SVANTNER
P-3	L. EUGENE & YIDA YOUNT
P-4	MRS. G.W. CRAVENER
P-5	PAUL E. & CORA C. ROWLEY
P-6	JAMES A. & FLORENCE I. ROSS
P-7	RICHARD P. & MARY A. MCNULTY
P-8	PAUL E. & CORA C. ROWLEY
P-9	JEAN A. WALSH
P-10	MANOR MINERALS, INC.
P-11	ROBERT D. & TERRI L. ROSS
P-12	UNITED STATES OF AMERICA

TEST HOLE DATA

HOLE #	SURF. ELEV.	BTM. COAL ELEV.	SEAM	COAL THK.	STATIC WATER ELEV.
TH-1	1119.2	1081.2	LF	19"	1094.2
TH-2	1154.5	1144.5	UF	13"	1108.5
TH-3	1181.2	1140.2	UF	46"	DRY
TH-4	1103.9	1081.9	LF	22"	1101.9
TH-5	1096.9	1079.9	LF	21"	1089.9
TH-6	1202.2	1118.2	UF	43"	1128.2
TH-7	1128.9	1123.9	UF	MARKER	DRY
OB-1	1114.2	1082.2	LF	28"	1093.2
OB-2	1224.6	1146.6	UF	44"	1144.6
OB-3	1177.7	1140.7	UF	48"	DRY
OB-4	1106.7	1065.7	LF	26"	1071.7
OB-5	1183.1	1111.1	UF	12"	1123.1
		1049.1	LF	26"	

ALL HOLES DRILLED & LOGGED BY GEOLOGIST FOR SOAP

PREVIOUS MINING

OPERATOR	PERMIT NO.	MAP KEY	STATUS	COAL SEAM(S)	WATER SAMPLES NO.(S)
R&H SURFACE MINING	03823076	A	COMPLETED	UF, LF	S-1, S-2, S-3, S-4, S-5, C-4
UNKNOWN	UNKNOWN	B	COMPLETED	LF	C-3

OPERATOR	PERMIT NO.	MAP KEY	STATUS	COAL SEAM(S)	PORTAL(S) ELEV.	MINE POOL ELEV.	TYPE OF SEAL	WATER SAMPLES NO.(S)
SEVERAL UNDERGROUND MINES ARE PRESENT								

TONNAGE & STRIPPING RATIO INFORMATION

SEAM	ACREAGE	AVERAGE THICKNESS	AVERAGE HIGHWALL	TONS/IN/ACRE	PERCENT RECOVERY	TONNAGE	STRIPPING RATIO (CUBIC YDS OF OVERBURDEN/TONS OF COAL)
UPPER FREEPORT	7.6	46"	43'(14.3 YDS)	145	90	45,623	529086 CU YDS/45623 TONS = 11.6:1
LOWER FREEPORT	9.1	22.5"	21'(7 YDS)	145	90	26,720	308980 CU YDS/26720 TONS = 11.6:1

SEAM	ACREAGE	AVERAGE THICKNESS	AVERAGE HIGHWALL	TONS/IN/ACRE	PERCENT RECOVERY	TONNAGE	STRIPPING RATIO (CUBIC YDS OF OVERBURDEN/TONS OF COAL)
UPPER FREEPORT	3.9	43"	33'(11 YDS)	145	90	21,885	206250 CU YDS/21885 TONS = 9.4:1
LOWER FREEPORT	2.9	26"	22'(7.3 YDS)	145	90	9,840	102302 CU YDS/9840 TONS = 10.4:1

TONNAGE = ACREAGE X AVERAGE THICKNESS(IN) X 145 TONS/IN/ACRE X 90% RECOVERY

CUBIC YARDS = SQUARE YARDS OF OVERBURDEN(CROP TO FINAL HIGHWALL) X AVERAGE HIGHWALL HEIGHT(YDS)

NOTE: ALL PROPERTY LINES ARE FROM TAX MAPS NOT A FIELD SURVEY.
NO AREAS UNSUITABLE FOR MINING.
ALL TELEPHONE LINES ARE ALLTEL PA, INC.
ALL POWER LINES ARE WEST PENN POWER.
THERE IS A PUBLIC PARK AT PROPERTY P-12 - CROOKED CREEK LAKE.
THERE ARE NO CULTURAL OR HISTORICAL RESOURCES LISTED ON THE NATIONAL REGISTER OR HISTORICAL PLACES.
THERE ARE NO SOLID WASTE DISPOSAL SITES.
THERE ARE NO GEOLOGIC FAULTS.
THERE NO KNOWN ARCHEOLOGICAL SITES.
THERE ARE NO PUBLIC OR PRIVATE CEMETERIES OR INDIAN BURIAL GROUNDS.

REGISTERED SURVEYOR

PROFESSIONAL GEOLOGIST

HAROLD M. TOY & HAROLD T. RANKIN	
BURRELL MINE	
DRAWN BY	BURRELL TOWNSHIP
KRR	ARMSTRONG COUNTY
DATE	06/30/96
SCALE	W.D. MOHNEY & ASSOCIATES
1"=200'	EXHIBIT 6.2