Y-10-3

Sp. #	Dept. of	E. of N.	Date Est.	Remarks
1	1910	N/A	6-01-83	Hand Dug Well
2	1690	N/A	6-01-83	Well
3	1876	N/A	6-01-83	Drill Hole "C"
4	1787	N/A	6-01-83	Well
5	1880	N/A	6-01-83	Old Well
6	1795	N/A	6-01-83	Drill Hole "A"
7	1735	N/A	6-01-83	Drill Hole "B"
8	1631	80	6-15-83	Unnamed tributary
9	1616	100	6-15-83	Unnamed tributary
10	1635	10	6-15-83	Unnamed tributary
11	1716	N/A	6-15-83	Impounded Spring
12	1708	N/A	6-15-83	Old treatment Pond
13	1720	N/A	6-15-83	Old treatment Pond
14	1783	N/A	6-15-83	New Well
15	1672	8	6-15-83	Spring
16	1673	7	6-15-83	Spring
17	1685	30	6-15-83	Spring
18	1674	7	6-15-83	Comb. of Springs
19	1683	5	6-15-83	Comb. of Springs
20	1672	5	6-15-83	Comb. of Springs
21	1674	6	6-15-83	Comb. of Springs
22	1667	50	6-15-83	Comb. of Springs
23	1630	10	6-15-83	Comb. of Springs
24	1691	80	6-15-83	Comb. of Springs
25	1735	N/A	9-21-83	Hand Dug Well
26	1738	N/A	9-21-83	Well
27	1615	N/A	9-21-83	Spring
28	1638	N/A	9-21-83	Well
29	1660	N/A	9-21-83	Well
30	1670	N/A	9-21-83	Well
31	1608	N/A	9-21-83	Spring
32	1610	N/A	9-21-83	Well
33	1592	N/A	9-21-83	Hand Dug Well
34	1615	15	11-19-83	Spring
35	1609	25	11-19-83	Comb. of Springs
36	1589	20	11-19-83	Spring
37	1625	5	11-19-83	Spring
38	1721	40	11-19-83	Spring
39	1809	35	11-19-83	Spring
40	1813	20	11-19-83	Spring
41	1810	25	11-19-83	Spring
42	1820	20	11-19-83	Spring
43	1575	120	11-19-83	Comb. of Springs
44	1678	40	11-19-83	Spring
45	1678	100	11-19-83	Comb. of Springs
46	1675	40	11-19-83	Comb. of Springs
47	1680	20	11-20-83	Spring
48	1677	40	11-20-83	Comb. of Springs
49	1680	15	11-20-83	Comb. of Springs
50	1600	40	11-20-83	Comb. of Springs
51	1680	5	11-20-83	Spring
52	1720	45	11-20-83	Spring
53	1640	25	11-20-83	Comb of Springs
54	1680	8	11-29-83	Spring
55	1695	5	11-29-83	Spring
56	1690	5	11-29-83	Spring
57	1720	12	11-29-83	Spring
58	1735	10	11-29-83	Spring
59	1685	20	11-29-83	Spring
60	1660	25	11-29-83	Deep Mine Discharge
61	1680	8	11-29-83	Spring / Seep
62	1660	6	11-29-83	Spring Seep
63	1748	8	11-29-83	Spring
64	1720	20	11-29-83	Spring
65	1660	8	11-29-83	Spring / Seep
66	1525	15	11-29-83	Spring / Seep
67	1520	10	11-29-83	Spring / Seep
68	1695	N/A	9-23-83	Impoundment

M — Denotes monitoring point

Permit #	Property owner	Overburden Category (in acres) Support area	Spoil 0 - 85'	86' - 115'	116' - 150'	Total (acres)

Surface Mining Permit Limit 193.0 ac.
Property line
Road
Dwelling ■ other □
Contour line 1500
Perennial-intermittent stream Ephemeral
Gas well
Swamp
Tree line
Utility line E E People's Gas
Electric - E; Telephone - T; Water - W; Gas - G; Oil - O, Underground - U
Lower Freeport
Upper Freeport
N.Y.C.R.R. CO DEEP MINE LIMITS (upper freeport)

Sediment pond S-1
Collection pond C-1
Treatment pond T-1
Diversions 2
Groundwater flow
Sediment trap - energy dissipator 3
Previously affected
Mine references A
Deep mine
W = Well, S = Spring, PW = Public water; C = Cistern
Phases indicated by Roman Numeral. (I, II, etc...)
R/W on all roads is 33 feet unless otherwise indicated.
Nothing will be disturbed within the R/W.
Highwall diversion ditch indicates final highwall, unless otherwise stated.
All augering to be with the strike or dip of the coal seam.
No augering will be performed to the rise.
Sediment & Erosion Control Facilities for Topsoil Piles.

SIL. DITCH / EDG. DITCH
TOPSOIL
COL. POND

P, F, T. = Prime farmland topsoil storage.
(A, B & C horizons will be stockpiled separately.)
Prime farmland

SPECIAL NOTES

N

DRILL HOLE DATA BLOCK

HOLE #	SURF. EL.	Upper Freeport	Lower Freeport	U. Kittanning	M. Kittanning
A	1795	1731	1702		
B	1735	1732	1707	1686	
C	1876	1820			
D	1890	1816			
E	1895	1821			
F	1748		1741	1740	1615

MAP IS FOR:

ANDRAY MINING COMPANY
"ROSSITER STRIP"
CANOE & BANKS TWP., INDIANA CO., PA.
SCALE: 1" = 400' Date:

SEAL

JOB #:
DATE DRAWN:
REVISED:

PENN-LAUREL ASSOCIATES, INC.
R. D. 1, Rt. 30, Box 650
Central City, PA 15926

phone:
(814)
754-4637

Punxsutawney & Rochester Mills Topos

Y-10