ANDRAY MINING COMPANY

Burnside Strip

BANKS TWP. INDIANA CO., PA
BURNSIDE BORO. & TWP. CLEARFIELD CO.

scale 1"=400

date

Map is for

Penn Laurel Associates, Incorporated
R.D. 1, Route 30
Central City, PA 15926

Permit No.	Property Owner	Overburden Category (acres) support area	spoil or 0-85'	86-115'	116-150'	TOTALS
02-0	Robert Rorabaugh	14.7	34.9			49.6
02-1	RORABAUGH		14.7			14.7

9.6 DELETION (unaffected area)

PROPERTY LINES
ROADS
CREEKS
DWELLINGS ■ OTHERS □
MINE DRAINAGE LINES
MINING PERMIT LINES
CONTOUR LINES — 1400
RAILROADS
POWER LINES — Penn — Elec
TELEPHONE LINES — Bell
POWER & TELE LINES
UPPER FREEPORT OUTCROP
LOWER FREEPORT OUTCROP
Sediment ponds
Treatment ponds
Collection ditches
Groundwater flow
S = Spring W = Well CW = City water

A EXISTING MINE (see application)

NOTE: CONSTRUCTION OF PONDS AND DITCHES WILL BE DONE BY LINING THE BOTTOM AND SIDES WITH AN IMPERVIOUS MATERIAL OR BY COMPACTING THE EARTH AND SEEDING PRIOR TO ITS USE.

TO BE AFFECTED 459.1 Ac
Previously affected

PARTIAL COMPLETION REPORT
Bonding Increment # 101771-17793016-01

Outline of BI 01
5.1 ac. Deletion Area (not affected)
7.5 ac. Stage I Release
12.6 ac. Partial Completion Report

BI 02
2.9 AREA PREVIOUSLY AS SUPPORT BEING UPGRADED TO MINING RATE (BI 03)
4.7 ADDITIONAL AREA BONDED

SMP AREA
BONDED AREA (BI #01 & #03)
CONSECUTIVE BLOCK CUTS
AREA TO BE AUGERED

No	Surf. el	U.F. el	in	L.F.	in
2	1392	1380	23	1335	20
3	1413	1375.5	25	1331	19
4	1383	1373	8	1330	28
6	1382	1370	26	1327	23
7	1375	1353	10	1322.5	24
9	1349	1343.5	23	1295.5	23
10	1357	–		1297.5	16
11	1356	1340	6	1298.5	18
13	1392	1373	19	1312	11

DRILL HOLE RECORD
* USED IN DIP & STRIKE

PROPERTY OWNERS:

38) R.J. Modular Homes, Inc.
41) Randy Welch
42) Joshua Prescott
43) Richard Goble
44)
48) Lynette Kennedy
49) Jerry Byers
50) Mark Greger
54)
55)
56) John Kostyak
57) John Graham
58) Marcia Bailey
59) Sharon & Clara Morley
60) L.J. McNeal
61) Edward Moreno
62) Vella Wright
63) Stanley Zinza
64) James Reid & Lou Patrick
65) Annabel Jones
66)
70) John Pearce
72) Harold Stewart
73) Sivitar Smith
75) Russell Bell
76) Donald Hopkins
77) Arthur Price
78) Rocco Viglione

Sp #	Surf. el	G.P.M.	Date Col.	Remarks
1	1315	–	1-18-79	West Branch Susquehanna R.
2	1322	5-7	"	Spring
3	1318	4-5	"	Tributary
4	1316	9-12	"	"
5	1302	–	"	Well
6	1287	–	"	West Branch Susquehanna R.
7	1285	–	"	Cush Creek
8	1322	–	"	Spring
9	1320	–	"	Cush Creek
10	1660	16	8-2-79	Reservoir
11	1340	336	"	Artesian well or spring
12	1340	N/A	"	D. Brink well
13	1330	N/A	"	S. Janocha well
14	1380	>30	"	W. Yohe well
15	1340	N/A	"	M & L County Manor well
16	1350	33	"	M. Soltis spring
17	1342	N/A	"	well
18	1331	N/A	"	A. Meterko well
19	1325	N/A	"	J. Paliszek well
20	1337	1	"	J. Lewis spring
21	1360	N/A	"	A. Miloser spring
22	1380	40	4-23-84	Tributary
23	1375	40	"	"
24	1330	40	"	"

* Proposed monitoring points

S.P. #	Surf. el.	G.P.M.	Date col.	Remarks
25	1330	4-5	4-23-84	Pond outflow
26	1318	4-5	"	Tributary
27	1350	1-2	"	Mine Dischg
28	1360	1	"	Drill hole
29	1360	4-5	"	Mine Dischg
30	1320	10	"	Tributary

Additional Bond Required	BOND ROLLOVER AMOUNT	Total Bond Presently Posted	TOTAL BOND REQUIRED	BONDING INCREMENT	LANDOWNER	RELEASE AREA Support I	Support II	Support III	Mining I	Mining II	Mining III	Overburden SUPPORT	Category (in acres) 0-85'	86-115'	116-150'	TOTAL (acres)
-0-	-0-	$198,200	$169,400	01	Rorabaugh				7.5		5.1	6.0	50.8			71.4
-0-	$5,800.00	$77,500	83,300	03	Rorabaugh							3.3	21.6	3.8		28.7
-0-	$22,800	–	$22,800	02	RORABAUGH								7.6			7.6

BOND SURPLUS AFTER ROLLOVER FROM B.I. 01 TO B.I. 03 CORRECTION IS $8,900.00. THE $900.00 WILL BE HELD ON ACCOUNT FOR FUTURE BONDING INCREMENT APPLICATIONS.

Phase No.	Pond No.	Area
I	1	34.0
II	2	9.9
III	3	9.9
IV	4	9.9
V	5	17.2
VI	6	30.1
VII	7	20.0
VIII	8	13.4
IX	9	24.2

PHASES

Clearfield co. tax map no's A12, A13, 308, 309, 310 Indiana co. tax map no's 3-15 32-09 Burnside topo