

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Allegheny State Park**

88,760.6 Acres

Tier **1**

ELU Group: **A2b**

Perimeter/area ratio (*1000; lower is better): **0.368** Nearest Matrix block: **Marshburg**

Distance (miles): **0.0**

County and state:

Cattaraugus NY
McKean PA
Warren PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	65,524.5	73.8
Coniferous forest	1,539.8	1.7
Mixed forest	19,645.5	22.1
Emergent herbaceous wetland	0.2	0.0
Forested wetland	0.0	0.0
Open water	51.6	0.1
Transitional barren	6.9	0.0
Bare rock / sand	0.0	0.0
Total natural cover	86,768.5	97.8
DEVELOPED COVER:		
Agriculture	1,617.4	1.8
Residential, commercial, indust.	372.7	0.4
Total developed cover	1,990.1	2.2

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
1,328.8	2,424.7	1,095.9	1,876.7

Minor blocks comprising matrix block:

Maximum acreage of minor road block within:	15630
Average acreage of minor road block within:	1240
Std Dev in acres of minor road block within:	3440
Number of minor road bounded blocks within, by acreage:	

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
75	4	1	3	3	5

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	3.9	Local route	0.5	0.0
Local route	12.8	Road or street	139.4	1.6
Road or street	14.0	Shoreline	2.6	0.0
Pipeline	9.0	Pipeline	1.5	0.0

Managed Area within block (acres): 69,332.4

Percentage of block in managed area: 78.1

10 Largest managed areas: Name, Owner, and Acreage:

Allegheny	STA	59,601.6
Allegheny National Forest	FED	9,719.5
Allegheny	STA	11.3

Aquatic summary:

Streams	109.5	1.2
Streams selected for portfolio:	23.5	0.3

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	1	0	5

Comments (from expert interviews, fall 2000):

Communities	Beech maple mesic; mixed mesophytic: Allegheny oak
Biodiversity features	Some old growth
Disturbance history	Almost all logged at some point; no current logging
Ownership	State Park

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Alma Hill**

56,094.5 Acres

Tier **2**

ELU Group: **A1b**

Perimeter/area ratio (*1000; lower is better): **0.444** Nearest Matrix block: **East of Chipmunk Ru** Distance (miles): **5.1**

County and state:

Allegany NY
McKean PA
Potter PA

Map unit and subsection name:

212Fa Cattaraugus Highlands
212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	38,961.6	69.5
Coniferous forest	173.5	0.3
Mixed forest	10,781.2	19.2
Emergent herbaceous wetland	38.7	0.1
Forested wetland	181.5	0.3
Open water	125.4	0.2
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	50,261.9	89.6
DEVELOPED COVER:		
Agriculture	5,737.2	10.2
Residential, commercial, indust.	95.0	0.1
Total developed cover	5,832.2	10.4

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,469.9	2,549.3	1,079.4	2,011.3

Minor blocks comprising matrix block:

	167
Maximum acreage of minor road block within:	6972.6
Average acreage of minor road block within:	393
Std Dev in acres of minor road block within:	836
Number of minor road bounded blocks within, by acreage:	

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
136	13	10	9	1	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	13.9	Local route	0.6	0.0
Road or street	44.7	Road or street	213.3	3.8
Railroad	1.1	Shoreline	2.3	0.0

10 Largest managed areas: Name, Owner, and Acreage:

Aquatic summary:

Streams 64.7 1.2

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	?? Good cherry
Biodiversity features	Swainson's thrush
Disturbance history	Being heavily logged now; roads mostly closed
Ownership	No state land in NY; former Bradford Oil Field

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Bear Pen Vly**

48,807.6 Acres

Tier **1**

ELU Group: **B2**

Perimeter/area ratio (*1000; lower is better): **0.513** Nearest Matrix block: **West Kill Wilderness** Distance (miles): **0.0**

County and state:

Delaware NY
Greene NY
Ulster NY

Map unit and subsection name:

M212Ea Catskill Mountains
M212Eb Catskill Highlands



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	34,952.4	71.6
Coniferous forest	646.0	1.3
Mixed forest	10,621.3	21.8
Emergent herbaceous wetland	0.2	0.0
Forested wetland	2.2	0.0
Open water	15.6	0.0
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	46,237.7	94.7
DEVELOPED COVER:		
Agriculture	2,484.1	5.1
Residential, commercial, indust.	82.9	0.2
Total developed cover	2,567.0	5.3

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,099.1	3,546.8	2,447.6	2,322.9

Minor blocks comprising matrix block:

17
Maximum acreage of minor road block within: 41780.2
Average acreage of minor road block within: 2870
Std Dev in acres of minor road block within: E+04
Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
16	0	0	0	1	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	4.8	Local route	3.1	0.1
Road or street	44.0	Road or street	63.2	1.3
Railroad	4.3	Shoreline	0.3	0.0
Pipeline	6.8	Pipeline	1.5	0.0

Managed Area within block (acres): 9,708.6

Percentage of block in managed area: 19.9

10 Largest managed areas: Name, Owner, and Acreage:

Halcott Mtn.	STA	4,690.8
Pine Hill	STA	2,427.9
Bearpen Mountain	STA	1,987.5
	STA	442.5
Westkill Mtn.	STA	145.8
Westkill Mtn.	STA	13.4
Vinegar Hill	STA	0.7

Aquatic summary:

Streams 20.6 0.4

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities No inventory

Biodiversity features

Disturbance history Development threats

Ownership Private and state

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Beaverkill** 136,172.8 Acres Tier 1 ELU Group: B2

Perimeter/area ratio (*1000; lower is better): **0.221** Nearest Matrix block: **Panther Mountain** Distance (miles): **0.0**

County and state:

Delaware NY
Sullivan NY
Ulster NY

Map unit and subsection name:

M212Eb Catskill Highlands
M212Ea Catskill Mountains



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	82,121.5	60.3
Coniferous forest	3,802.0	2.8
Mixed forest	46,785.3	34.4
Emergent herbaceous wetland	0.7	0.0
Forested wetland	284.4	0.2
Open water	445.0	0.3
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	133,438.9	98.0
DEVELOPED COVER:		
Agriculture	2,666.2	2.0
Residential, commercial, indust.	70.0	0.0
Total developed cover	2,736.2	2.0

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
1,292.7	3,773.2	2,480.4	2,496.8

Minor blocks comprising matrix block: 58

Maximum acreage of minor road block within: 95305.1
Average acreage of minor road block within: 2470
Std Dev in acres of minor road block within: E+04
Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
71	2	0	3	2	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	2.4	Road or street	180.6	1.3
Road or street	58.6	Shoreline	17.0	0.1
Shoreline	0.1	Airport	0.7	0.0
Railroad	10.3			

Managed Area within block (acres): 72,566.6

Percentage of block in managed area: 53.3

10 Largest managed areas: Name, Owner, and Acreage:

Big Indian	STA	33,617.9
Balsam Lake Mtn.	STA	13,329.5
Willowemoc	STA	10,589.7
Dry Brook Ridge	STA	6,725.0
Belleayre Ski Center	STA	2,147.1
Dry Brook Ridge	STA	1,338.1
Willowemoc	STA	1,283.0
Dry Brook Ridge	STA	1,208.6
Middle Mtn.	STA	736.6
Mongaup Pond Campground	STA	682.9

Aquatic summary: Streams 116.6 0.9

Streams selected for portfolio: 53.0 0.4

Viable, primary target Element Occurrences: 3

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	3	0	0	0

Comments (from expert interviews, fall 2000):

Communities Beech maple mesic

Biodiversity features

Disturbance history Logging on private and DEP

Ownership DEC and DEP; lots of clubs + big estates

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Big Run** 19,319.1 Acres Tier **2** ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.698** Nearest Matrix block: **West Branch-Sproul** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**
 Centre PA 212Gb Allegheny Deep Valleys
 Clinton PA



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	11,515.1	59.6
Coniferous forest	998.1	5.2
Mixed forest	5,696.3	29.5
Emergent herbaceous wetland	8.2	0.0
Forested wetland	0.0	0.0
Open water	0.2	0.0
Transitional barren	31.1	0.2
Bare rock / sand	0.0	0.0
Total natural cover	18,249.0	94.4
DEVELOPED COVER:		
Agriculture	97.6	0.5
Residential, commercial, indust.	985.0	5.1
Total developed cover	1,082.6	5.6

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
800.6	2,309.8	1,509.3	1,551.9

Minor blocks comprising matrix block: 31

Maximum acreage of minor road block within: 17672.6

Average acreage of minor road block within: 723

Std Dev in acres of minor road block within: 3180

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
28	1	0	1	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	1.7	Local route	1.2	0.1
Road or street	19.9	Road or street	47.5	2.5

Managed Area within block (acres): 580.2

Percentage of block in managed area: 3.0

10 Largest managed areas: Name, Owner, and Acreage:

Sproul State Forest	STA	429.7
Sproul State Forest	STA	73.7
Sproul State Forest	STA	43.6
Sproul State Forest	STA	25.8
Sproul State Forest	STA	7.4

Aquatic summary: Streams 12.8 0.7

Streams selected for portfolio:

Viable, primary target Element Occurrences: 2

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	2

Comments (from expert interviews, fall 2000):

Communities Mixed oak

Biodiversity features

Disturbance history Gypsy moth, tornado

Ownership Some private

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Blooming Grove** 44,492.1 Acres Tier 1 ELU Group: B1b1

Perimeter/area ratio (*1000; lower is better): **0.478** Nearest Matrix block: **Kittatinny** Distance (miles): **7.1**

County and state: **Map unit and subsection name:**
 Monroe PA 212Fd Pocono Plateau
 Pike PA 212Fc Eastern Allegheny Plateau



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	35,733.2	80.3
Coniferous forest	711.0	1.6
Mixed forest	3,256.7	7.3
Emergent herbaceous wetland	591.3	1.3
Forested wetland	2,903.7	6.5
Open water	955.6	2.1
Transitional barren	68.9	0.2
Bare rock / sand	0.0	0.0
Total natural cover	44,220.4	99.4
DEVELOPED COVER:		
Agriculture	139.3	0.3
Residential, commercial, indust.	135.9	0.3
Total developed cover	275.2	0.6

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
938.4	2,027.7	1,089.3	1,492.9

Minor blocks comprising matrix block: 10

Maximum acreage of minor road block within: 36868

Average acreage of minor road block within: 5100

Std Dev in acres of minor road block within: E+04

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
24	2	0	1	1	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	2.5	Road or street	49.3	1.1
Local route	12.9	Shoreline	19.2	0.4
Road or street	19.3			
Pipeline	11.5			

Managed Area within block (acres): 17,176.8

Percentage of block in managed area: 38.6

10 Largest managed areas: Name, Owner, and Acreage:

Delaware State Forest	STA	5,681.4
Delaware State Forest	STA	5,230.7
Delaware State Forest	STA	4,094.0
Delaware State Forest	STA	965.0
Promised Land	STA	727.3
Delaware State Forest	STA	448.0
Delaware State Forest	STA	30.3
Promised Land	STA	0.1

Aquatic summary: Streams 88.8 2.0

Streams selected for portfolio: 16.5 0.4

Viable, primary target Element Occurrences: 4

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	4

Comments (from expert interviews, fall 2000):

Communities mixed oak

Biodiversity features Some rare plants and animals

Disturbance history Cut once; 1998 tornado, sires in south; bypsy moth

Ownership Lots of hunt club ownership

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Boqq's Run** 31,234.8 Acres Tier **2** ELU Group: **B1b1**

Perimeter/area ratio (*1000; lower is better): **0.477** Nearest Matrix block: **Cranberry Swamp** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**
 Clinton PA 212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	23,544.0	75.4
Coniferous forest	1,514.7	4.8
Mixed forest	5,876.7	18.8
Emergent herbaceous wetland	4.7	0.0
Forested wetland	0.0	0.0
Open water	6.9	0.0
Transitional barren	119.9	0.4
Bare rock / sand	0.0	0.0
Total natural cover	31,066.9	99.5
DEVELOPED COVER:		
Agriculture	150.5	0.5
Residential, commercial, indust.	15.3	0.0
Total developed cover	165.8	0.5

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
600.4	2,198.3	1,597.8	1,401.0

Minor blocks comprising matrix block:

Number of minor road bounded blocks within, by acreage:	8
Maximum acreage of minor road block within:	15461.1
Average acreage of minor road block within:	3900
Std Dev in acres of minor road block within:	6650

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
6	0	1	0	0	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	13.1	Road or street	42.4	1.4
Road or street	6.0	Shoreline	0.2	0.0
Shoreline	6.7			
Pipeline	11.7			

Managed Area within block (acres): 24,430.1

Percentage of block in managed area: 78.2

10 Largest managed areas: Name, Owner, and Acreage:

Sproul State Forest STA 24,430.1

Aquatic summary:

Streams	46.6	1.5
Streams selected for portfolio:	2.6	0.1

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	Mixed oaks
Biodiversity features	Cove forest along river
Disturbance history	Lots of well sites
Ownership	State land, TNC preserve

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Bone Run**

30,271.9 Acres

Tier **1**

ELU Group: **A2b**

Perimeter/area ratio (*1000; lower is better): **0.505** Nearest Matrix block: **Kinzua West**

Distance (miles): **0.0**

County and state:

Cattaraugus NY
Warren PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	21,160.4	69.9
Coniferous forest	212.4	0.7
Mixed forest	7,660.2	25.3
Emergent herbaceous wetland	0.0	0.0
Forested wetland	0.0	0.0
Open water	70.3	0.2
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	29,103.3	96.1
DEVELOPED COVER:		
Agriculture	1,097.2	3.6
Residential, commercial, indust.	71.1	0.2
Total developed cover	1,168.3	3.9

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>		
1,319.0	2,201.6	882.6	1,761.9		
<u>Minor blocks comprising matrix block:</u>					
Maximum acreage of minor road block within:			7062.2		
Average acreage of minor road block within:			1050		
Std Dev in acres of minor road block within:			1850		
Number of minor road bounded blocks within, by acreage:					
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
31	3	4	4	3	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	0.4	Road or street	63.3	2.1
Local route	0.2	Shoreline	3.6	0.1
Road or street	28.9	Pipeline	8.2	0.3
		Airport	0.3	0.0

Managed Area within block (acres): 6,505.9

Percentage of block in managed area: 21.5

10 Largest managed areas: Name, Owner, and Acreage:

South Valley	STA	3,379.0
Pine Hill	STA	1,149.8
Allegheny National Forest	FED	625.9
State Wildlife Management Area	STA	616.2
South Valley	STA	387.9
South Valley	STA	235.1
South Valley	STA	47.3
South Valley	STA	33.3
State Wildlife Management Area	STA	18.5
State Wildlife Management Area	STA	11.3

Aquatic summary:

Streams 41.9 1.4

Streams selected for portfolio:

Viable, primary target Element Occurrences:

1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	1

Comments (from expert interviews, fall 2000):

Communities	Maple ask/oak/good cherry
Biodiversity features	Swainsons' thrush; bear migration route; good elevation run
Disturbance history	Probably all logged
Ownership	State forest; Army Corps

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Bristol Hills** 24,880.2 Acres Tier 1 ELU Group: A1b

Perimeter/area ratio (*1000; lower is better): **0.549** Nearest Matrix block: **Rattlesnake Hill** Distance (miles): **15.2**

County and state:

Livingston NY
Ontario NY

Map unit and subsection name:

212Fb Central Allegheny Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	17,843.0	71.7
Coniferous forest	448.1	1.8
Mixed forest	3,752.2	15.1
Emergent herbaceous wetland	535.7	2.2
Forested wetland	62.7	0.3
Open water	26.0	0.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	22,667.7	91.1
DEVELOPED COVER:		
Agriculture	2,184.3	8.8
Residential, commercial, indust.	19.7	0.0
Total developed cover	2,204.0	8.9

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
879.3	2,221.2	1,341.9	1,548.6

Minor blocks comprising matrix block:

54
Maximum acreage of minor road block within: 5614.8
Average acreage of minor road block within: 612
Std Dev in acres of minor road block within: 1330
Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
43	2	4	4	2	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Road or street	26.3	Road or street	72.5	2.9
		Shoreline	0.2	0.0

Managed Area within block (acres): 663.1

Percentage of block in managed area: 2.7

10 Largest managed areas: Name, Owner, and Acreage:

Harriet Hollister Spencer STA 663.1

Aquatic summary:

Streams 23.9 1.0

Streams selected for portfolio:

Viable, primary target Element Occurrences:

1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	1	0	0	0

Comments (from expert interviews, fall 2000):

Communities App. Oak hickory
Biodiversity features Silver maple ash swamp
Disturbance history All logged in past; no current logging
Ownership Some MAs; BSA

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Buckham Mountain** 32,789.7 Acres Tier 2 ELU Group: B1a

Perimeter/area ratio (*1000; lower is better): **0.406** Nearest Matrix block: **Neversink Unique Ar** Distance (miles): **6.7**

County and state:

Pike PA

Map unit and subsection name:

212Fc Eastern Allegheny Plateau
221Bd Kittatinny-Shawangunk Ridges



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	22,824.8	69.6
Coniferous forest	1,276.3	3.9
Mixed forest	7,596.2	23.2
Emergent herbaceous wetland	206.2	0.6
Forested wetland	292.0	0.9
Open water	77.8	0.2
Transitional barren	0.2	0.0
Bare rock / sand	0.0	0.0
Total natural cover	32,273.5	98.4
DEVELOPED COVER:		
Agriculture	221.3	0.7
Residential, commercial, indust.	298.7	0.9
Total developed cover	520.0	1.6

Managed Area within block (acres): 12,873.5

Percentage of block in managed area: 39.3

10 Largest managed areas: Name, Owner, and Acreage:

Delaware State Forest	STA	5,312.2
Upper Del River	FED	5,192.3
Gameland 209	STA	2,291.5
Delaware State Forest	STA	77.5

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
456.1	1,466.6	1,010.5	961.3

Minor blocks comprising matrix block: 20

Maximum acreage of minor road block within: 24916

Average acreage of minor road block within: 1640

Std Dev in acres of minor road block within: 5740

Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
25	0	0	0	1	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	5.8	Road or street	54.1	1.6
Secondary route	3.0	Shoreline	3.5	0.1
Local route	0.2			
Road or street	15.8			
Railroad	8.6			

Aquatic summary: Streams 56.4 1.7

Streams selected for portfolio:

Viable, primary target Element Occurrences: 3

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	3

Comments (from expert interviews, fall 2000):

Communities	Mixed oak; no. hardwood
Biodiversity features	Dammed lakes, bogs; ideal ofr bear and bobcat
Disturbance history	Parts quarried; freq. Fires in past; sprayed for gypsy moth
Ownership	No NPS land; state land; private holdings (1400 Pinchot family)

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Bucktooth State Forest** **29,897.9** Acres Tier **1** ELU Group: **A1b**

Perimeter/area ratio (*1000; lower is better): **0.485** Nearest Matrix block: **McCarty Hill** Distance (miles): **0.1**

County and state:

Cattaraugus NY

Map unit and subsection name:

212Fa Cattaraugus Highlands
212Ga Allegheny High Plateau



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	20,602.0	68.9
Coniferous forest	157.7	0.5
Mixed forest	6,439.3	21.5
Emergent herbaceous wetland	0.0	0.0
Forested wetland	0.0	0.0
Open water	9.3	0.0
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	27,208.3	91.0
DEVELOPED COVER:		
Agriculture	2,641.6	8.8
Residential, commercial, indust.	51.5	0.1
Total developed cover	2,693.1	9.0

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,351.8	2,401.7	1,049.9	1,876.7

Minor blocks comprising matrix block: 22

Maximum acreage of minor road block within: 6630.2

Average acreage of minor road block within: 1390

Std Dev in acres of minor road block within: 2250

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
15	0	1	3	3	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	3.1	Road or street	61.1	2.0
Road or street	25.9			
Railroad	5.0			

Managed Area within block (acres): 2,357.3

Percentage of block in managed area: 7.9

10 Largest managed areas: Name, Owner, and Acreage:

Bucktooth	STA	1,356.4
Bucktooth	STA	561.2
Elkdale	STA	400.8
Bucktooth	STA	38.9

Aquatic summary: Streams 35.4 1.2

Streams selected for portfolio: 1.9 0.1

Viable, primary target Element Occurrences: 1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	1

Comments (from expert interviews, fall 2000):

Communities Oak-cherry-sugar maple

Biodiversity features

Disturbance history Prob. Heavily logged, pressure from hunt clubs

Ownership Some state land 2200A

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Butternut Hollow**

35,056.2 Acres

Tier **2**

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.444** Nearest Matrix block: **Hammersley**

Distance (miles): **0.0**

County and state:

Potter PA

Map unit and subsection name:

212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	33,016.5	94.2
Coniferous forest	586.7	1.7
Mixed forest	821.1	2.3
Emergent herbaceous wetland	3.6	0.0
Forested wetland	0.0	0.0
Open water	3.3	0.0
Transitional barren	13.3	0.0
Bare rock / sand	0.0	0.0
Total natural cover	34,444.5	98.3
DEVELOPED COVER:		
Agriculture	589.7	1.7
Residential, commercial, indust.	23.2	0.1
Total developed cover	612.9	1.7

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,099.1	2,398.4	1,299.3	1,765.2

Minor blocks comprising matrix block:

Number of minor road bounded blocks within, by acreage:	16
Maximum acreage of minor road block within:	15170.4
Average acreage of minor road block within:	2190
Std Dev in acres of minor road block within:	4610

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
10	0	2	2	0	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	2.3	Local route	0.5	0.0
Road or street	25.1	Road or street	65.7	1.9

Managed Area within block (acres): 32,712.7

Percentage of block in managed area: 93.3

10 Largest managed areas: Name, Owner, and Acreage:

Susquenock State Forest	STA	32,705.2
Susquenock State Forest	STA	7.5

Aquatic summary:

Streams	67.7	1.9
Streams selected for portfolio:	4.1	0.1

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Cannonsville** 18,762.2 Acres Tier 1 ELU Group: B1b1

Perimeter/area ratio (*1000; lower is better): **0.666** Nearest Matrix block: **Beaverkill** Distance (miles): **19.6**

County and state:

Delaware NY

Map unit and subsection name:

M212Eb Catskill Highlands
212Fc Eastern Allegheny Plateau



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	10,223.7	54.5
Coniferous forest	239.1	1.3
Mixed forest	7,850.6	41.9
Emergent herbaceous wetland	0.0	0.0
Forested wetland	14.5	0.1
Open water	56.7	0.3
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	18,384.6	98.0
DEVELOPED COVER:		
Agriculture	318.2	1.7
Residential, commercial, indust.	53.8	0.2
Total developed cover	372.0	2.0

Managed Area within block (acres): 712.7

Percentage of block in managed area: 3.8

10 Largest managed areas: Name, Owner, and Acreage:

Cannonsville	MUN	638.7
	STA	74.0

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
994.1	2,296.7	1,302.6	1,614.3

Minor blocks comprising matrix block: 3

Maximum acreage of minor road block within: 18677.6

Average acreage of minor road block within: 6230

Std Dev in acres of minor road block within: E+04

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
8	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	8.3	Road or street	24.0	1.3
Road or street	18.6	Shoreline	3.6	0.2
Shoreline	4.3	Pipeline	0.2	0.0
Pipeline	0.1			

Aquatic summary: Streams 30.2 1.6

Streams selected for portfolio:

Viable, primary target Element Occurrences: 1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
1	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities ??

Biodiversity features

Disturbance history ??

Ownership ? Few MAs; may be some DEP

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Catskill Escarpment**

40,547.6 Acres

Tier **1**

ELU Group: **B2**

Perimeter/area ratio (*1000; lower is better): **0.467** Nearest Matrix block: **Sugarloaf**

Distance (miles): **0.0**

County and state:

Greene NY

Map unit and subsection name:

M212Eb Catskill Highlands
M212Ea Catskill Mountains



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	29,002.3	71.5
Coniferous forest	3,412.8	8.4
Mixed forest	6,994.6	17.3
Emergent herbaceous wetland	0.7	0.0
Forested wetland	73.2	0.2
Open water	205.5	0.5
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	39,689.1	97.9
DEVELOPED COVER:		
Agriculture	639.8	1.6
Residential, commercial, indust.	214.6	0.5
Total developed cover	854.4	2.1

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
492.2	3,819.1	3,326.9	2,129.4

Minor blocks comprising matrix block: 46

Maximum acreage of minor road block within: 39815.7

Average acreage of minor road block within: 878

Std Dev in acres of minor road block within: 5870

Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
50	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	6.7	Road or street	58.6	1.4
Road or street	36.7	Shoreline	4.5	0.1
		Railroad	0.0	0.0

Managed Area within block (acres): 22,261.8

Percentage of block in managed area: 54.9

10 Largest managed areas: Name, Owner, and Acreage:

Blackhead Range	STA	11,378.9
Windham High Peak	STA	3,849.7
North Mtn.	STA	3,721.9
Kaaterskill	STA	1,608.1
North/south Lake Campground	STA	1,109.7
Colgate Lake	STA	433.2
	STA	116.6
Kaaterskill	STA	25.0
	STA	16.7
Colgate Lake	STA	2.0

Aquatic summary: Streams 24.5 0.6

Streams selected for portfolio:

Viable, primary target Element Occurrences: 8

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	2	0	5

Comments (from expert interviews, fall 2000):

Communities Extensive Finton surveys

Biodiversity features

Disturbance history

Ownership ???- probably state (REZ)

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Chenango Highlands**

176,380.0 Acres

Tier 1

ELU Group: C

Perimeter/area ratio (*1000; lower is better): **0.172** Nearest Matrix block: **Cannonsville**

Distance (miles): **28.6**

County and state:

Broome NY
Chenango NY
Cortland NY

Map unit and subsection name:

212Fb Central Allegheny Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	60,934.0	34.5
Coniferous forest	17,642.0	10.0
Mixed forest	58,354.9	33.1
Emergent herbaceous wetland	52.5	0.0
Forested wetland	949.4	0.5
Open water	2,225.2	1.3
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	140,158.0	79.5
DEVELOPED COVER:		
Agriculture	35,283.9	20.1
Residential, commercial, indust.	935.6	0.4
Total developed cover	36,219.5	20.5

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
981.0	1,922.7	941.6	1,446.9

Minor blocks comprising matrix block:

349
Maximum acreage of minor road block within: 3376.5
Average acreage of minor road block within: 535
Std Dev in acres of minor road block within: 709
Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
242	70	44	21	0	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	3.3	Local route	45.5	0.3
Secondary route	0.8	Road or street	473.0	2.7
Local route	46.7	Shoreline	39.0	0.2
Road or street	20.1	Railroad	0.4	0.0
Railroad	1.3	Pipeline	16.9	0.1
		Streams	359.8	2.0

Aquatic summary:

Streams selected for portfolio: 80.7 0.5

Viable, primary target Element Occurrences: 1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	1	0	0	0

Managed Area within block (acres): 40,327.2

Percentage of block in managed area: 22.9

10 Largest managed areas: Name, Owner, and Acreage:

New Michigan	STA	6,000.6
Whitney Point	STA	4,524.1
Five Streams	STA	3,566.8
Bowman Creek	STA	3,446.3
Long Pond	STA	3,200.3
Geneganslet	STA	3,164.7
Ludlow Creek	STA	3,127.9
New Michigan	STA	2,416.7
Five Streams	STA	1,869.5
Balsam Swamp	STA	1,706.5

Comments (from expert interviews, fall 2000):

Communities	Oak hickory; No Hardwoods, Alleg. Hardwoods
Biodiversity features	Polemonium; vernal pools,
Disturbance history	Pine plantations; poor logging practices; tornado-800A; failed farms
Ownership	Lots of DEC in small units

ECOLOGICAL LAND UNITS: Acreage occurring in Chenango Highlands

Bedrock Geology:	Landforms:										Wet / moist flat	Dry flat: till	Dry flat: patchy	Dry flat: exposed	Dry flat: Surficial				
	Steep Cliff	Slope	Slope crest	Upper slope	Flat sum mit	Side slope (NE)	Cove (NE)	Side slope (SW)	Cove (SW)	Slope bottom									
Very low elevation (below 1,000 feet):											4,358 acres (* May include open water not reported below)								
Acidic sed / metased						3			143	143	11					Fine grain sediment:			
Acidic shale									16	55	2								
Calcareous sed							10	34	735	1,346	253					Coarse grain sed: 258			
Mod. calcareous sed / Calc shale																			
Acidic granitic																			
Mafic / Intermediate granitic																Residuum, colluvium, alluvium:			
Ultramafic																			
Low elevation (1,000 - 2,000 feet):											172,025 acres*								
Acidic sed / metased				200	105	338	297	272	160	401	93	2,110				Fine grain sediment:			
Acidic shale				512	664	2,532	1,083	696	126	1,571	822	23,964				61			
Calcareous sed			2	622	603	5,351	3,576	4,097	2,416	7,834	9,906	87,157				Coarse grain sed: 777			
Mod. calcareous sed / Calc shale																			
Acidic granitic																			
Mafic / Intermediate granitic																Residuum, colluvium, alluvium:			
Ultramafic																			
Mid elevation (2,000 - 2,500 feet):											0 acres*								
Acidic sed / metased																Fine grain sediment:			
Acidic shale																			
Calcareous sed																Coarse grain sed:			
Mod. calcareous sed / Calc shale																			
Acidic granitic																			
Mafic / Intermediate granitic																Residuum, colluvium, alluvium:			
Ultramafic																			
High elevation (2,500 - 3,250 feet):											0 acres*								
Acidic sed / metased																Fine grain sediment:			
Acidic shale																			
Calcareous sed																Coarse grain sed:			
Mod. calcareous sed / Calc shale																			
Acidic granitic																			
Mafic / Intermediate granitic																Residuum, colluvium, alluvium:			
Ultramafic																			
Alpine (above 3,250 feet):											0 acres*								
Acidic sed / metased																Fine grain sediment:			
Acidic shale																			
Calcareous sed																Coarse grain sed:			
Mod. calcareous sed / Calc shale																			
Acidic granitic																			
Mafic / Intermediate granitic																Residuum, colluvium, alluvium:			
Ultramafic																			

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Chipmunk Run** 30,582.7 Acres Tier **2** ELU Group: **A2b**

Perimeter/area ratio (*1000; lower is better): **0.451** Nearest Matrix block: **East of Chipmunk Ru** Distance (miles): **0.0**

County and state:

Cattaraugus NY
McKean PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	19,748.7	64.6
Coniferous forest	80.3	0.3
Mixed forest	8,476.8	27.7
Emergent herbaceous wetland	0.0	0.0
Forested wetland	107.6	0.4
Open water	0.7	0.0
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	28,414.1	92.9
DEVELOPED COVER:		
Agriculture	1,749.1	5.7
Residential, commercial, indust.	417.4	1.4
Total developed cover	2,166.5	7.1

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>		
1,391.1	2,401.7	1,010.5	1,896.4		
<u>Minor blocks comprising matrix block:</u>					
Maximum acreage of minor road block within:			8095.6		
Average acreage of minor road block within:			336		
Std Dev in acres of minor road block within:			1100		
Number of minor road bounded blocks within, by acreage:					
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
83	8	2	2	2	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Secondary route	1.9	Local route	0.3	0.0
Local route	7.9	Road or street	132.3	4.3
Road or street	19.9	Pipeline	4.2	0.1
Railroad	0.4			

10 Largest managed areas: Name, Owner, and Acreage:

Riparian summary: .1 Streams 35.6 1.2

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities ??

Biodiversity features Vittaria; rock outcrops

Disturbance history Logged and mined 100yrs ago, many jeep trails; oil and gas

Ownership No state land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Connecticut Hill** 19,998.7 Acres Tier 1 ELU Group: A2a

Perimeter/area ratio (*1000; lower is better): **0.547** Nearest Matrix block: **Schuyler County Stat** Distance (miles): **10.1**

County and state:

Schuyler NY
Tompkins NY

Map unit and subsection name:

212Fb Central Allegheny Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	8,639.6	43.2
Coniferous forest	878.2	4.4
Mixed forest	8,383.2	41.9
Emergent herbaceous wetland	107.6	0.5
Forested wetland	74.5	0.4
Open water	20.2	0.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	18,103.3	90.5
DEVELOPED COVER:		
Agriculture	1,821.8	9.1
Residential, commercial, indust.	80.1	0.3
Total developed cover	1,901.9	9.5

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,184.4	2,001.4	817.0	1,594.6

Minor blocks comprising matrix block:

	29
Maximum acreage of minor road block within:	3414.8
Average acreage of minor road block within:	730
Std Dev in acres of minor road block within:	926
Number of minor road bounded blocks within, by acreage:	

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
16	7	3	4	0	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	4.1	Road or street	47.1	2.4
Road or street	17.0	Shoreline	0.4	0.0
Shoreline	2.3	Pipeline	1.5	0.1
Railroad	1.1	Airport	0.4	0.0
Pipeline	1.8			

Aquatic summary:

Streams 47.3 2.4

Streams selected for portfolio:

Managed Area within block (acres): 11,108.4

Percentage of block in managed area: 55.5

10 Largest managed areas: Name, Owner, and Acreage:

Connecticut Hill	STA	10,924.1
Newfield	STA	110.1
	STA	74.2

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	Hemlock No. hardwoods
Biodiversity features	Beaver ponds
Disturbance history	Gameird hunting, logging hist. Unclear
Ownership	11.6K state land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Cranberry Swamp** 13,403.2 Acres Tier **2** ELU Group: **B1b1**

Perimeter/area ratio (*1000; lower is better): **0.621** Nearest Matrix block: **Bogg's Run** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**
 Clinton PA 212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	7,507.4	56.0
Coniferous forest	796.4	5.9
Mixed forest	4,953.7	36.9
Emergent herbaceous wetland	7.3	0.1
Forested wetland	0.0	0.0
Open water	0.0	0.0
Transitional barren	83.6	0.6
Bare rock / sand	0.0	0.0
Total natural cover	13,348.4	99.6
DEVELOPED COVER:		
Agriculture	52.0	0.4
Residential, commercial, indust.	6.4	0.0
Total developed cover	58.4	0.4

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
912.1	2,296.7	1,384.6	1,604.4

Minor blocks comprising matrix block:

Maximum acreage of minor road block within: 15181.4
 Average acreage of minor road block within: 7600
 Std Dev in acres of minor road block within: E+04
 Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
1	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Road or street	11.2	Road or street	18.6	1.4

Managed Area within block (acres): 10,013.1

Percentage of block in managed area: 74.7

10 Largest managed areas: Name, Owner, and Acreage:

Sproul State Forest STA 10,013.1

Aquatic summary:

Streams 22.1 1.6

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Dutchman Swamp** 28,894.1 Acres Tier **2** ELU Group: **B1b1**

Perimeter/area ratio (*1000; lower is better): **0.625** Nearest Matrix block: **Mountain Springs** Distance (miles): **0.0**

County and state: Sullivan PA **Map unit and subsection name:** 212Fa Cattaraugus Highlands



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	21,129.9	73.1
Coniferous forest	1,711.7	5.9
Mixed forest	4,408.4	15.3
Emergent herbaceous wetland	87.8	0.3
Forested wetland	129.2	0.4
Open water	223.9	0.8
Transitional barren	270.0	0.9
Bare rock / sand	0.0	0.0
Total natural cover	27,960.9	96.8
DEVELOPED COVER:		
Agriculture	554.1	1.9
Residential, commercial, indust.	380.1	1.3
Total developed cover	934.2	3.2

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,401.0	2,300.0	899.0	1,883.3

Minor blocks comprising matrix block: 7

Maximum acreage of minor road block within: 33933.6

Average acreage of minor road block within: 4860

Std Dev in acres of minor road block within: E+04

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
12	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Secondary route	5.5	Road or street	17.8	0.6
Local route	4.9	Shoreline	6.2	0.2
Road or street	22.6			

Managed Area within block (acres): 18,459.3

Percentage of block in managed area: 63.9

10 Largest managed areas: Name, Owner, and Acreage:

Gameland 13/57	STA	18,456.5
Ricketts Glen	STA	2.7
Wyoming State Forest	STA	0.1

Aquatic summary: Streams 58.1 2.0

Streams selected for portfolio: 2.5 0.1

Viable, primary target Element Occurrences: 2

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	1	0	1

Comments (from expert interviews, fall 2000):

Communities	No. Hardwood; beech
Biodiversity features	Swamps. Beaver ponds
Disturbance history	Heavily logged; poss. mining in no.
Ownership	State land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **East Branch Dam**

78,639.4 Acres

Tier **2**

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.411** Nearest Matrix block: **Parker Run**

Distance (miles): **0.0**

County and state:

Cameron PA
Elk PA
McKean PA

Map unit and subsection name:

212Gb Allegheny Deep Valleys
212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	66,324.5	84.3
Coniferous forest	1,970.8	2.5
Mixed forest	9,080.2	11.5
Emergent herbaceous wetland	8.2	0.0
Forested wetland	0.0	0.0
Open water	35.4	0.0
Transitional barren	332.0	0.4
Bare rock / sand	0.0	0.0
Total natural cover	77,751.1	98.9
DEVELOPED COVER:		
Agriculture	852.2	1.1
Residential, commercial, indust.	28.9	0.0
Total developed cover	881.1	1.1

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
1,099.1	2,300.0	1,200.8	1,699.6

Minor blocks comprising matrix block:

Number of minor road bounded blocks within, by acreage:	24
Maximum acreage of minor road block within:	32876.4
Average acreage of minor road block within:	4450
Std Dev in acres of minor road block within:	9090

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
17	1	0	2	1	4

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	13.8	Road or street	121.7	1.5
Road or street	46.1	Shoreline	0.5	0.0
Shoreline	13.3	Railroad	5.7	0.1

Managed Area within block (acres): 17,259.3

Percentage of block in managed area: 21.9

10 Largest managed areas: Name, Owner, and Acreage:

Elk State Forest	STA	9,191.6
Gameland 30	STA	4,348.4
Elk Statet Forest	STA	1,011.5
Gamelan 25	STA	855.5
Elk	STA	463.1
Elk	STA	342.4
Elk State Forest	STA	336.7
Elk State Forest	STA	285.9
Elk State Forest	STA	173.5
Elk	STA	98.1

Aquatic summary:

Streams	166.6	2.1
Streams selected for portfolio:	40.6	0.5

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	1

Comments (from expert interviews, fall 2000):

- Communities** Highest qual. Bl cherry; Alleg. Hardwoods
- Biodiversity features**
- Disturbance history** Some herb spraying, oil and gas mainten; heavily logged
- Ownership** State park; large private ownership; timber and gas, Seneca Resources

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **East of Chipmunk Run** **33,453.3** Acres Tier **2** ELU Group: **A2b**

Perimeter/area ratio (*1000; lower is better): **0.521** Nearest Matrix block: **Chipmunk Run** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**
 Cattaraugus NY 212Ga Allegheny High Plateau
 McKean PA



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	25,112.9	75.1
Coniferous forest	149.4	0.4
Mixed forest	6,678.6	20.0
Emergent herbaceous wetland	13.8	0.0
Forested wetland	213.0	0.6
Open water	3.6	0.0
Transitional barren	2.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	32,173.3	96.2
DEVELOPED COVER:		
Agriculture	1,106.8	3.3
Residential, commercial, indust.	170.1	0.5
Total developed cover	1,276.9	3.8

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>		
1,427.2	2,401.7	974.5	1,916.1		
<u>Minor blocks comprising matrix block:</u>					
Maximum acreage of minor road block within:			7364.1		
Average acreage of minor road block within:			282		
Std Dev in acres of minor road block within:			905		
Number of minor road bounded blocks within, by acreage:					
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
145	9	3	4	2	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	11.2	Local route	11.4	0.3
Road or street	13.6	Road or street	174.7	5.2
Pipeline	6.9	Shoreline	0.2	0.0
		Pipeline	0.6	0.0

10 Largest managed areas: Name, Owner, and Acreage:

Aquatic summary:

Streams 49.8 1.5

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features Swainson's thrush; Olean conglomerate

Disturbance history ??

Ownership No state land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Emporium**

98,527.9 Acres

Tier **1**

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.264** Nearest Matrix block: **Hammersley**

Distance (miles): **0.0**

County and state:

Cameron PA
Potter PA

Map unit and subsection name:

212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	78,870.4	80.1
Coniferous forest	4,263.0	4.3
Mixed forest	13,193.7	13.4
Emergent herbaceous wetland	12.5	0.0
Forested wetland	0.0	0.0
Open water	25.4	0.0
Transitional barren	523.1	0.5
Bare rock / sand	0.0	0.0
Total natural cover	96,888.1	98.3
DEVELOPED COVER:		
Agriculture	1,370.0	1.4
Residential, commercial, indust.	262.3	0.2
Total developed cover	1,632.3	1.7

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
800.6	2,375.4	1,574.9	1,574.9

Minor blocks comprising matrix block: 32

Maximum acreage of minor road block within: 17753.6

Average acreage of minor road block within: 3080

Std Dev in acres of minor road block within: 5470

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
24	0	0	3	3	4

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	39.5	Local route	7.4	0.1
Road or street	15.4	Road or street	147.1	1.5
Railroad	0.0	Shoreline	1.0	0.0

Managed Area within block (acres): 77,037.6

Percentage of block in managed area: 78.2

10 Largest managed areas: Name, Owner, and Acreage:

Elk State Forest	STA	46,167.7
Susquehanna State Forest	STA	29,435.3
Elk State Forest	STA	1,058.3
Sizerville	STA	346.3
Sinnemahoning State Park	STA	25.4
Elk State Forest	STA	2.7
Susquehanna State Forest	STA	1.1
Sinnemahoning State Park	STA	0.6
Sinnemahoning State Park	STA	0.2

Aquatic summary: Streams 201.1 2.0

Streams selected for portfolio: 11.5 0.1

Viable, primary target Element Occurrences: 1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	1

Comments (from expert interviews, fall 2000):

Communities Mixed oak: Allegh. Hardwoods

Biodiversity features

Disturbance history Sprayed

Ownership Lots of pub. Land; 15% private

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Gray's Run/McIntyre** 46,815.6 Acres Tier **2** ELU Group: **B1b1**

Perimeter/area ratio (*1000; lower is better): **0.451** Nearest Matrix block: **Larry's Creek** Distance (miles): **7.6**

<u>County and state:</u>		<u>Map unit and subsection name:</u>	
Bradford	PA	212Fb	Central Allegheny Plateau
Lycoming	PA	212Gb	Allegheny Deep Valleys
Tioga	PA	212Fa	Cattaraugus Highlands



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	40,769.2	87.1
Coniferous forest	2,182.1	4.7
Mixed forest	1,836.7	3.9
Emergent herbaceous wetland	29.6	0.1
Forested wetland	0.0	0.0
Open water	125.7	0.3
Transitional barren	232.8	0.5
Bare rock / sand	0.0	0.0
Total natural cover	45,176.1	96.5
DEVELOPED COVER:		
Agriculture	1,317.4	2.9
Residential, commercial, indust.	319.6	0.7
Total developed cover	1,637.0	3.5

Managed Area within block (acres): 24,307.7

Percentage of block in managed area: 51.9

10 Largest managed areas: Name, Owner, and Acreage:

Wyoming State Forest	STA	19,219.9
Tiadaghton State Forest	STA	3,534.8
Tiadaghton State Forest	STA	1,553.0

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
797.3	2,224.5	1,427.2	1,512.5

Minor blocks comprising matrix block: 39

Maximum acreage of minor road block within: 18812.7

Average acreage of minor road block within: 1200

Std Dev in acres of minor road block within: 4030

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
40	2	1	0	1	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	1.0	Local route	6.1	0.1
Road or street	47.5	Road or street	69.6	1.5
Railroad	3.1	Shoreline	2.9	0.1
Pipeline	1.5	Railroad	5.1	0.1

Aquatic summary: Streams 86.2 1.8

Streams selected for portfolio: 0.7 0.0

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	Allegheny hardwoods
Biodiversity features	Waterfalls
Disturbance history	Strip mining in no.; elm span worm
Ownership	??

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Hammersley**

112,744.5 Acres

Tier 1

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.354** Nearest Matrix block: **Butternut Hollow**

Distance (miles): **0.0**

County and state:

Cameron PA
Clinton PA
Potter PA

Map unit and subsection name:

212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	92,988.4	82.5
Coniferous forest	7,074.7	6.3
Mixed forest	10,752.8	9.5
Emergent herbaceous wetland	77.8	0.1
Forested wetland	0.0	0.0
Open water	295.3	0.3
Transitional barren	173.9	0.2
Bare rock / sand	0.0	0.0
Total natural cover	111,362.9	98.8
DEVELOPED COVER:		
Agriculture	1,259.7	1.1
Residential, commercial, indust.	125.9	0.1
Total developed cover	1,385.6	1.2

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
800.6	2,431.2	1,630.7	1,611.0

Minor blocks comprising matrix block:

40
Maximum acreage of minor road block within: 33899.8
Average acreage of minor road block within: 3020
Std Dev in acres of minor road block within: 6850
Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
26	0	4	3	5	3

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	28.9	Road or street	139.1	1.2
Road or street	23.8	Shoreline	3.6	0.0
Shoreline	2.9			

Managed Area within block (acres): 102,980.3

Percentage of block in managed area: 91.3

10 Largest managed areas: Name, Owner, and Acreage:

Susquenock State Forest	STA	69,507.2
Sproul State Forest	STA	16,102.0
Elk State Forest	STA	15,659.9
Sinnemahoning State Park	STA	944.8
Kettle Creek	STA	282.9
Sproul State Forest	STA	177.5
Kettle Creek	STA	126.9
Sproul State Forest	STA	61.4
Ole Bull	STA	57.8
Susquenock State Forest	STA	15.2

Aquatic summary:

Streams	229.9	2.0
Streams selected for portfolio:	180.2	1.6

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	1

Comments (from expert interviews, fall 2000):

Communities	All. Hardwoods; mixed oak
Biodiversity features	Old growth, some hemlock
Disturbance history	Pipeline is coming
Ownership	Some public land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Hickory Creek**

28,093.0 Acres

Tier **1**

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.555** Nearest Matrix block: **Tionesta**

Distance (miles): **10.8**

County and state:

Forest PA
Warren PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	13,287.6	47.3
Coniferous forest	7,122.5	25.3
Mixed forest	7,347.3	26.1
Emergent herbaceous wetland	3.1	0.0
Forested wetland	128.5	0.5
Open water	0.0	0.0
Transitional barren	88.5	0.3
Bare rock / sand	0.0	0.0
Total natural cover	27,977.5	99.6
DEVELOPED COVER:		
Agriculture	120.0	0.4
Residential, commercial, indust.	1.1	0.0
Total developed cover	121.1	0.4

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,197.6	1,912.8	715.3	1,555.2

Minor blocks comprising matrix block:

Number of minor road bounded blocks within, by acreage:	5
Maximum acreage of minor road block within:	18453.5
Average acreage of minor road block within:	6120
Std Dev in acres of minor road block within:	8610

	<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
	3	0	0	0	0	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	7.1	Road or street	29.3	1.0
Road or street	25.1			
Pipeline	0.1			

Managed Area within block (acres): 28,093.1

Percentage of block in managed area: 100.0

10 Largest managed areas: Name, Owner, and Acreage:

Allegheny National Forest	FED	18,356.8
Hickory Crk Wilderne	FED	8,552.6
Allegheny National Forest	FED	1,177.4
Allegheny National Forest	FED	5.2
Allegheny National Forest	FED	1.1

Aquatic summary:

Streams	48.0	1.7
Streams selected for portfolio:	45.6	1.6

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	Old Growth red oak; Allegh. Hardwoods
Biodiversity features	Old growth
Disturbance history	Tornado swath, spraying, new gas wells coming
Ownership	High % National Forest; some private

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Jersey Hill** 79,013.4 Acres Tier **2** ELU Group: **A1a**

Perimeter/area ratio (*1000; lower is better): **0.417** Nearest Matrix block: **Turnpike State Fores** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**

Allegany NY 212Fa Cattaraugus Highlands



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	28,825.5	36.5
Coniferous forest	3,158.6	4.0
Mixed forest	32,223.6	40.8
Emergent herbaceous wetland	26.7	0.0
Forested wetland	289.3	0.4
Open water	245.5	0.3
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	64,769.2	82.0
DEVELOPED COVER:		
Agriculture	13,948.3	17.7
Residential, commercial, indust.	307.5	0.4
Total developed cover	14,255.8	18.0

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,292.7	2,201.6	908.8	1,748.8

Minor blocks comprising matrix block: 114

Maximum acreage of minor road block within: 4040.6

Average acreage of minor road block within: 733

Std Dev in acres of minor road block within: 923

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
79	20	23	11	0	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	4.7	Interstate highw	0.7	0.0
Local route	0.4	Local route	0.2	0.0
Road or street	70.0	Road or street	194.7	2.5
Railroad	2.9	Shoreline	11.2	0.1
Pipeline	1.5	Railroad	0.7	0.0

Aquatic summary: Streams 89.9 1.1

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Managed Area within block (acres): 20,062.1

Percentage of block in managed area: 25.4

10 Largest managed areas: Name, Owner, and Acreage:

Karr Valley Creek	STA	2,696.4
Allen Lake	STA	2,438.7
Gillies Hill	STA	2,371.6
Keeney Swamp	STA	2,346.1
Klipnocky	STA	2,025.6
Palmer Pond	STA	1,948.8
Gas Springs	STA	1,926.6
Slader Creek	STA	1,061.1
Jersey Hill	STA	1,029.8
Bald Mountain	STA	797.4

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history Conifer plantation; abandoned farmland

Ownership Lots of state land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Kinzua East**

10,455.4 Acres

Tier **2**

ELU Group: **A2b**

Perimeter/area ratio (*1000; lower is better): **1.062** Nearest Matrix block: **Marshburg**

Distance (miles): **0.0**

County and state:

Cattaraugus NY
McKean PA
Warren PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	8,697.0	83.2
Coniferous forest	271.8	2.6
Mixed forest	1,315.4	12.6
Emergent herbaceous wetland	1.8	0.0
Forested wetland	0.0	0.0
Open water	107.6	1.0
Transitional barren	1.3	0.0
Bare rock / sand	0.0	0.0
Total natural cover	10,394.9	99.4
DEVELOPED COVER:		
Agriculture	55.6	0.6
Residential, commercial, indust.	3.8	0.0
Total developed cover	59.4	0.6

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,296.0	2,198.3	902.3	1,748.8

Minor blocks comprising matrix block:

11												
Maximum acreage of minor road block within: 12810.3												
Average acreage of minor road block within: 1170												
Std Dev in acres of minor road block within: 3860												
Number of minor road bounded blocks within, by acreage:												
<table border="0"> <tr> <td><u>0-500</u></td> <td><u>500-1000</u></td> <td><u>1000-2000</u></td> <td><u>2000-5000</u></td> <td><u>5000-10000</u></td> <td><u>10000+</u></td> </tr> <tr> <td>10</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> </tr> </table>	<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>	10	0	0	0	0	1
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>							
10	0	0	0	0	1							

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	11.3	Road or street	6.2	0.6
Road or street	1.4			
Shoreline	15.0			

Managed Area within block (acres): 10,416.0

Percentage of block in managed area: 99.6

10 Largest managed areas: Name, Owner, and Acreage:

Allegheny National Forest	FED	10,412.5
Allegany	STA	3.5

Aquatic summary:

Streams	25.2	2.4
Streams selected for portfolio:	8.5	0.8

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	Oak; allegh. Hardwood
Biodiversity features	Some old growth
Disturbance history	Hard hit by gypsy moths
Ownership	All National Forest

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Kinzua West**

25,960.1 Acres

Tier **2**

ELU Group: **A2b**

Perimeter/area ratio (*1000; lower is better): **1.391** Nearest Matrix block: **Bone Run**

Distance (miles): **0.0**

County and state:

Cattaraugus NY
Warren PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	19,366.4	74.6
Coniferous forest	1,700.6	6.5
Mixed forest	3,652.3	14.1
Emergent herbaceous wetland	6.2	0.0
Forested wetland	0.0	0.0
Open water	253.3	1.0
Transitional barren	129.4	0.5
Bare rock / sand	0.0	0.0
Total natural cover	25,108.2	96.7
DEVELOPED COVER:		
Agriculture	807.2	3.1
Residential, commercial, indust.	51.6	0.1
Total developed cover	858.8	3.3

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>		
1,197.6	2,099.8	902.3	1,653.6		
<u>Minor blocks comprising matrix block:</u>					
Maximum acreage of minor road block within:			25940.4		
Average acreage of minor road block within:			4330		
Std Dev in acres of minor road block within:			E+04		
Number of minor road bounded blocks within, by acreage:					
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
5	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	2.5	Road or street	41.2	1.6
Road or street	33.6			
Shoreline	37.1			
Pipeline	0.0			

Managed Area within block (acres): 9,108.1

Percentage of block in managed area: 35.1

10 Largest managed areas: Name, Owner, and Acreage:

Allegheny National Forest	FED	8,821.0
South Valley	STA	171.5
State Wildlife Management Area	STA	69.2
State Wildlife Management Area	STA	27.4
State Wildlife Management Area	STA	18.9
South Valley	STA	0.1

Aquatic summary:

Streams	45.4	1.7
Streams selected for portfolio:	10.4	0.4

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	??
Biodiversity features	Deep drainages, no old growth
Disturbance history	Some areas not logged
Ownership	Lots of private; public land, BSA, and Seneca Nation

ECOLOGICAL LAND UNITS: Acreage occurring in Kinzua West

Bedrock Geology:	Landforms:										Wet / moist flat	Dry flat: till	Dry flat: patchy	Dry flat: exposed	Dry flat: Surficial				
	Steep Cliff	Slope	Slope crest	Upper slope	Flat mit	Side slope (NE)	Cove (NE)	Side slope (SW)	Cove (SW)	Slope bottom									
Very low elevation (below 1,000 feet):											0 acres (* May include open water not reported below)								
Acidic sed / metased																	Fine grain sediment:		
Acidic shale																			
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			
Low elevation (1,000 - 2,000 feet):											24,185 acres*								
Acidic sed / metased	74	13	1,739	591	2,717	1,845	1,621	1,118	919								Fine grain sediment:		
Acidic shale	11	5	638	321	1,452	1,164	1,146	1,031	1,212	42	10								
Calcareous sed																	Coarse grain sed: 285		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium: 4,882		
Mafic / Intermediate granitic																			
Ultramafic																			
Mid elevation (2,000 - 2,500 feet):											1,386 acres*								
Acidic sed / metased			77	66	24		31										Fine grain sediment:		
Acidic shale				2	8	2													
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium: 1,143		
Mafic / Intermediate granitic																			
Ultramafic																			
High elevation (2,500 - 3,250 feet):											0 acres*								
Acidic sed / metased																	Fine grain sediment:		
Acidic shale																			
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			
Alpine (above 3,250 feet):											0 acres*								
Acidic sed / metased																	Fine grain sediment:		
Acidic shale																			
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Kittatinny** 28,051.1 Acres Tier 1 ELU Group: B1a

Perimeter/area ratio (*1000; lower is better): **0.485** Nearest Matrix block: **Blooming Grove** Distance (miles): **7.1**

County and state: **Map unit and subsection name:**
 Warren NJ 221Bd Kittatinny-Shawangunk Ridges



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	12,946.0	46.2
Coniferous forest	460.1	1.6
Mixed forest	10,411.4	37.1
Emergent herbaceous wetland	28.0	0.1
Forested wetland	396.7	1.4
Open water	581.5	2.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	24,823.7	88.5
DEVELOPED COVER:		
Agriculture	2,835.9	10.1
Residential, commercial, indust.	390.8	1.4
Total developed cover	3,226.7	11.5

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
298.6	1,578.2	1,279.6	938.4

Minor blocks comprising matrix block: 130

Maximum acreage of minor road block within: 9427.4

Average acreage of minor road block within: 331

Std Dev in acres of minor road block within: 1100

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
126	8	2	4	2	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	4.5	Local route	0.3	0.0
Local route	8.8	Road or street	91.8	3.3
Road or street	20.9	Shoreline	15.0	0.5
		Railroad	2.0	0.1
		Pipeline	14.0	0.5
		Streams	30.4	0.9

Aquatic summary:

Streams selected for portfolio:

Viable, primary target Element Occurrences: 5

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	2	0	3

Managed Area within block (acres): 11,610.4

Percentage of block in managed area: 41.4

10 Largest managed areas: Name, Owner, and Acreage:

Worthington - Sf	STA	4,632.2
Delaware Water Gap - Nra	FED	4,467.0
Delaware Water Gap - Nra	FED	1,135.0
Dunfield Creek - Na Sf	STA	1,062.1
Sunfish Pond - Na Sf	STA	263.0
Delaware Water Gap - Nra	FED	20.0
Earl Burgler - Preserve	STA	19.0
Delaware Water Gap - Nra	FED	7.4
Delaware Water Gap - Nra	FED	4.7

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Marshburg** 37,696.0 Acres Tier **2** ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.415** Nearest Matrix block: **Allegheny State Park** Distance (miles): **0.0**

County and state: McKean PA **Map unit and subsection name:** 212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	25,459.2	67.5
Coniferous forest	2,426.9	6.4
Mixed forest	9,362.2	24.8
Emergent herbaceous wetland	1.1	0.0
Forested wetland	0.0	0.0
Open water	98.3	0.3
Transitional barren	46.5	0.1
Bare rock / sand	0.0	0.0
Total natural cover	37,394.2	99.2
DEVELOPED COVER:		
Agriculture	274.4	0.7
Residential, commercial, indust.	28.0	0.1
Total developed cover	302.4	0.8

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,397.7	2,300.0	902.3	1,850.5

Minor blocks comprising matrix block: 20

Maximum acreage of minor road block within: 19096.6

Average acreage of minor road block within: 1880

Std Dev in acres of minor road block within: 4460

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
18	0	0	2	2	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	15.2	Road or street	65.3	1.7
Road or street	11.8	Shoreline	3.6	0.1
Pipeline	2.1			

Managed Area within block (acres): 27,408.4

Percentage of block in managed area: 72.7

10 Largest managed areas: Name, Owner, and Acreage:

Allegheny National Forest FED 27,408.4

Aquatic summary: Streams 68.0 1.8

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities Alleg. Hardwoods 90%

Biodiversity features

Disturbance history Bad beech bark, old oil activity, lots of wells being closed, heavily logged

Ownership Part National Forest; lot of private issues

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **McCarty Hill** 21,249.8 Acres Tier **2** ELU Group: **A1b**

Perimeter/area ratio (*1000; lower is better): **0.600** Nearest Matrix block: **Nine Mile Creek** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**
 Cattaraugus NY 212Fa Cattaraugus Highlands
212Ga Allegheny High Plateau



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	13,519.3	63.6
Coniferous forest	308.5	1.5
Mixed forest	4,601.5	21.7
Emergent herbaceous wetland	0.0	0.0
Forested wetland	0.0	0.0
Open water	3.6	0.0
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	18,432.9	86.7
DEVELOPED COVER:		
Agriculture	2,590.0	12.2
Residential, commercial, indust.	226.8	1.0
Total developed cover	2,816.8	13.3

Managed Area within block (acres): 5,908.9

Percentage of block in managed area: 27.8

10 Largest managed areas: Name, Owner, and Acreage:

Mccarthy Hill	STA	2,980.3
Rock City	STA	2,928.6

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,384.6	2,309.8	925.2	1,847.2

Minor blocks comprising matrix block: 40

Maximum acreage of minor road block within: 6076

Average acreage of minor road block within: 578

Std Dev in acres of minor road block within: 1380

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
34	0	3	3	1	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Secondary route	5.0	Secondary route	0.0	0.0
Local route	8.3	Local route	0.0	0.0
Road or street	16.5	Road or street	56.4	2.7
Railroad	1.3	Shoreline	0.4	0.0
		Aerial tram	2.8	0.1
		Streams	23.3	1.1

Aquatic summary:

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities ??

Biodiversity features

Disturbance history Airport proposed; golf course at edge; ski area nearby

Ownership 6K state land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Mongaup** 19,256.1 Acres Tier **2** ELU Group: **B1a**

Perimeter/area ratio (*1000; lower is better): **1.359** Nearest Matrix block: **Neversink Unique Ar** Distance (miles): **4.3**

County and state: Sullivan NY **Map unit and subsection name:** 212Fc Eastern Allegheny Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	7,537.2	39.1
Coniferous forest	2,590.0	13.4
Mixed forest	7,878.4	40.9
Emergent herbaceous wetland	28.9	0.2
Forested wetland	482.4	2.5
Open water	501.0	2.6
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	19,017.9	98.7
DEVELOPED COVER:		
Agriculture	165.7	0.9
Residential, commercial, indust.	77.0	0.4
Total developed cover	242.7	1.3

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,000.7	1,401.0	400.3	1,200.8

Minor blocks comprising matrix block:

Maximum acreage of minor road block within:	15511.7
Average acreage of minor road block within:	2710
Std Dev in acres of minor road block within:	5780
Number of minor road bounded blocks within, by acreage:	

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
12	0	0	1	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	7.8	Road or street	26.1	1.4
Road or street	24.8	Shoreline	43.1	2.2
Shoreline	0.1	Airport	0.3	0.0

Managed Area within block (acres): 5,794.2

Percentage of block in managed area: 30.1

10 Largest managed areas: Name, Owner, and Acreage:

Mongaup Valley Wma	STA	4,010.4
Mongaup Valley Wma	STA	1,030.1
Mongaup Valley Wma	STA	753.0
Mongaup Valley Wma	STA	0.4
Mongaup Valley Wma	STA	0.3

Aquatic summary:

Streams selected for portfolio:

Streams	42.5	2.2
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Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	White pine Hemlock
Biodiversity features	Bald eagle wintering; many falls; man-made lakes
Disturbance history	Lots of roads
Ownership	Part Managed area; Orange and Rockland Power

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Mountain Springs** 89,513.5 Acres Tier 1 ELU Group: B1b1

Perimeter/area ratio (*1000; lower is better): **0.293** Nearest Matrix block: **Dutchman Swamp** Distance (miles): **0.0**

County and state:

Luzerne PA
Sullivan PA
Wyoming PA

Map unit and subsection name:

212Fa Cattaraugus Highlands
212Fb Central Allegheny Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	67,145.1	75.0
Coniferous forest	4,826.5	5.4
Mixed forest	14,786.5	16.5
Emergent herbaceous wetland	287.3	0.3
Forested wetland	489.3	0.5
Open water	486.8	0.5
Transitional barren	122.5	0.1
Bare rock / sand	0.0	0.0
Total natural cover	88,144.0	98.5
DEVELOPED COVER:		
Agriculture	1,329.2	1.5
Residential, commercial, indust.	36.4	0.0
Total developed cover	1,365.6	1.5

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>		
797.3	2,316.4	1,519.1	1,555.2		
<u>Minor blocks comprising matrix block:</u>			30		
Maximum acreage of minor road block within:			22466.9		
Average acreage of minor road block within:			2960		
Std Dev in acres of minor road block within:			6620		
Number of minor road bounded blocks within, by acreage:					
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
57	0	1	2	2	3

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	14.5	Road or street	89.9	1.0
Road or street	47.2	Shoreline	28.8	0.3
Shoreline	1.1	Railroad	4.9	0.1
Railroad	1.7			

Managed Area within block (acres): 51,729.8

Percentage of block in managed area: 57.8

10 Largest managed areas: Name, Owner, and Acreage:

Gameland 13/57	STA	43,417.7
Gameland 66	STA	4,675.0
Gameland 66	STA	1,566.1
Gameland 57	STA	958.0
Ricketts Glen	STA	786.3
Ricketts Glen	STA	159.1
Gameland 66	STA	65.3
Gameland 66	STA	40.4
Gameland 310	STA	32.2
Gameland 57	STA	24.6

Aquatic summary:

Streams	160.4	1.8
Streams selected for portfolio:	91.1	1.0

Viable, primary target Element Occurrences: 10

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	4	0	6

Comments (from expert interviews, fall 2000):

Communities	No. hardwoods; oak, red maple, grey birch
Biodiversity features	Beaver meadows
Disturbance history	Stocked streams; heavily forested and logged in past
Ownership	State land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Neversink Unique Area** 30,364.0 Acres Tier 1 ELU Group: B1a

Perimeter/area ratio (*1000; lower is better): **0.598** Nearest Matrix block: **Mongaup** Distance (miles): **4.3**

County and state: **Map unit and subsection name:**
 Orange NY 212Fc Eastern Allegheny Plateau
 Sullivan NY 221Bd Kittatinny-Shawangunk Ridges



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	10,678.7	35.2
Coniferous forest	2,385.6	7.9
Mixed forest	16,375.7	53.9
Emergent herbaceous wetland	1.1	0.0
Forested wetland	429.0	1.4
Open water	124.3	0.4
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	29,994.4	98.8
DEVELOPED COVER:		
Agriculture	92.3	0.3
Residential, commercial, indust.	280.9	0.9
Total developed cover	373.2	1.2

Managed Area within block (acres): 5,262.4

Percentage of block in managed area: 17.3

10 Largest managed areas: Name, Owner, and Acreage:

Neversink River	STA	4,587.0
Wolf Brook	STA	569.8
	STA	104.2
Bashakill Wma	STA	1.1
Bashakill Wma	STA	0.2
Bashakill Wma	STA	0.1

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
525.0	1,640.5	1,115.5	1,086.0

Minor blocks comprising matrix block: 15

Maximum acreage of minor road block within: 22846.1

Average acreage of minor road block within: 2020

Std Dev in acres of minor road block within: 6070

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
22	0	0	0	1	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	1.8	Road or street	34.6	1.1
Secondary route	4.8	Shoreline	6.5	0.2
Local route	0.1			
Road or street	39.0			

Aquatic summary: Streams 41.4 1.4

Streams selected for portfolio: 16.9 0.6

Viable, primary target Element Occurrences: 1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
1	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities White pine; No. hardwoods

Biodiversity features Lots of falls; not weedy; very wild

Disturbance history Has been logged

Ownership 2 MAs; big chunks of private land

ECOLOGICAL LAND UNITS: Acreage occurring in Neversink Unique Area

Bedrock Geology:	Landforms:										Wet / moist flat	Dry flat: till	Dry flat: patchy	Dry flat: exposed	Dry flat: Surficial				
	Steep Cliff	Slope	Slope crest	Upper slope	Flat sum mit	Side slope (NE)	Cove (NE)	Side slope (SW)	Cove (SW)	Slope bottom									
Very low elevation (below 1,000 feet):											4,931 acres (* May include open water not reported below)								
Acidic sed / metased				68	13	342	583	384	527	516	3	213	127				Fine grain sediment:		
Acidic shale				148	45	210	242	139	95	259	2	52	224						
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																	359		
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			
Low elevation (1,000 - 2,000 feet):											25,415 acres*								
Acidic sed / metased	92	15	1,038	562	2,216	1,417	1,981	1,357	1,541	1,065	10,559	2,456					Fine grain sediment:		
Acidic shale																			
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			
Mid elevation (2,000 - 2,500 feet):											0 acres*								
Acidic sed / metased																	Fine grain sediment:		
Acidic shale																			
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			
High elevation (2,500 - 3,250 feet):											0 acres*								
Acidic sed / metased																	Fine grain sediment:		
Acidic shale																			
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			
Alpine (above 3,250 feet):											0 acres*								
Acidic sed / metased																	Fine grain sediment:		
Acidic shale																			
Calcareous sed																	Coarse grain sed:		
Mod. calcareous sed / Calc shale																			
Acidic granitic																	Residuum, colluvium, alluvium:		
Mafic / Intermediate granitic																			
Ultramafic																			

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Nine Mile Creek** 35,758.4 Acres Tier 1 ELU Group: A1b

Perimeter/area ratio (*1000; lower is better): **0.426** Nearest Matrix block: **McCarty Hill** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**
 Cattaraugus NY 212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	24,303.9	68.0
Coniferous forest	286.0	0.8
Mixed forest	8,259.8	23.1
Emergent herbaceous wetland	0.2	0.0
Forested wetland	1.8	0.0
Open water	8.9	0.0
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	32,860.6	91.9
DEVELOPED COVER:		
Agriculture	2,850.6	8.0
Residential, commercial, indust.	48.1	0.1
Total developed cover	2,898.7	8.1

Managed Area within block (acres): 4,152.9

Percentage of block in managed area: 11.6

10 Largest managed areas: Name, Owner, and Acreage:

Nine Mile Creek	STA	3,197.6
Windfall Creek	STA	955.3

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,391.1	2,411.5	1,020.4	1,899.7

Minor blocks comprising matrix block: 38

Maximum acreage of minor road block within: 15954.9

Average acreage of minor road block within: 1110

Std Dev in acres of minor road block within: 2970

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
32	3	1	4	1	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Secondary route	5.3	Secondary route	0.6	0.0
Local route	2.0	Local route	0.4	0.0
Road or street	23.7	Road or street	72.9	2.0
Railroad	1.1	Shoreline	1.3	0.0
Pipeline	2.5	Pipeline	5.5	0.2
		Stream	49.6	0.0

Aquatic summary:

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history Heavily logged

Ownership 2 state units; 4000A discont.: big timber owners

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Northern Gunks** 32,263.1 Acres Tier 1 ELU Group: B1b1

Perimeter/area ratio (*1000; lower is better): **0.653** Nearest Matrix block: **Panther Mountain** Distance (miles): **0.6**

County and state: Ulster NY **Map unit and subsection name:** 221Bd Kittatinny-Shawangunk Ridges



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	8,139.0	25.2
Coniferous forest	5,832.2	18.1
Mixed forest	17,502.3	54.2
Emergent herbaceous wetland	0.9	0.0
Forested wetland	104.7	0.3
Open water	200.2	0.6
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	31,779.3	98.5
DEVELOPED COVER:		
Agriculture	304.7	0.9
Residential, commercial, indust.	180.7	0.6
Total developed cover	485.4	1.5

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>		
295.3	2,290.1	1,994.8	1,292.7		
<u>Minor blocks comprising matrix block:</u>			27		
Maximum acreage of minor road block within:			28708.8		
Average acreage of minor road block within:			1190		
Std Dev in acres of minor road block within:			5510		
Number of minor road bounded blocks within, by acreage:					
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
28	1	1	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Secondary route	6.9	Road or street	57.4	1.8
Local route	6.7	Shoreline	5.1	0.2
Road or street	37.4	Aerial tram	0.3	0.0
Pipeline	1.3			

Managed Area within block (acres): 17,446.3

Percentage of block in managed area: 54.1

10 Largest managed areas: Name, Owner, and Acreage:

Minnewaska State Park Preserve	STA	9,398.9
Sam's Point Dwarf Pine Ridge Preser	NGO	4,565.5
Awosting Reserve	STA	1,954.1
Mohonk Preserve	NGO	742.1
Open Space Institute	NGO	529.0
	STA	145.7
Lands & Forests Tract	NGO	70.2
Open Space Institute	NGO	40.7
Minnewaska State Park Preserve	STA	0.1

Aquatic summary:

Streams	33.1	1.0
Streams selected for portfolio:		

Viable, primary target Element Occurrences: 25

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
9	4	4	0	8

Comments (from expert interviews, fall 2000):

- Communities** Chestnut oak; Appal oak, Beech maple
- Biodiversity features**
- Disturbance history** Fires, recreational use
- Ownership** OPRHP;TNC/OSI;private: mohonk

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Panther Mountain** 122,116.2 Acres Tier 1 ELU Group: B2

Perimeter/area ratio (*1000; lower is better): **0.329** Nearest Matrix block: **Beaverkill** Distance (miles): **0.0**

County and state: Sullivan NY
Ulster NY

Map unit and subsection name: 212Fc Eastern Allegheny Plateau
M212Ea Catskill Mountains



Land Cover Summary:

	Acres	Percent
NATURAL COVER:		
Deciduous forest	47,734.2	39.1
Coniferous forest	7,226.3	5.9
Mixed forest	65,292.4	53.5
Emergent herbaceous wetland	0.0	0.0
Forested wetland	158.1	0.1
Open water	68.3	0.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	120,479.3	98.7
DEVELOPED COVER:		
Agriculture	1,309.2	1.1
Residential, commercial, indust.	321.6	0.2
Total developed cover	1,630.8	1.3

Managed Area within block (acres): 74,483.3

Percentage of block in managed area: 61.0

10 Largest managed areas: Name, Owner, and Acreage:

Slide Mountain	STA	50,618.7
Sundown	STA	17,862.6
Sundown	STA	2,285.1
Peekamoose Valley	STA	2,017.5
Sundown	STA	1,063.8
Sundown	STA	261.9
Sundown	STA	186.1
Woodland Valley Campground	STA	112.9
Sundown	STA	16.5
Sundown	STA	15.5

Comments (from expert interviews, fall 2000):

Communities Beech maple mesic; Hemlock No. Hardwoods

Biodiversity features

Disturbance history

Ownership Not all protected

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
278.9	3,855.2	3,576.3	2,057.2

Minor blocks comprising matrix block: 37

Maximum acreage of minor road block within: 79064.6

Average acreage of minor road block within: 3300

Std Dev in acres of minor road block within: E+04

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
36	1	0	1	0	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Secondary route	2.2	Local route	12.4	0.1
Local route	12.0	Road or street	109.6	0.9
Road or street	59.0	Shoreline	2.4	0.0
Railroad	5.7			
Pipeline	3.5			

Aquatic summary: Streams 92.9 0.8

Streams selected for portfolio: 13.9 0.1

Viable, primary target Element Occurrences: 15

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	2	0	12

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Parker Run** 48,170.4 Acres Tier **2** ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.422** Nearest Matrix block: **East Branch Dam** Distance (miles): **0.0**

County and state:

Cameron PA
McKean PA
Potter PA

Map unit and subsection name:

212Ga Allegheny High Plateau
212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	37,452.9	77.7
Coniferous forest	1,903.9	4.0
Mixed forest	7,670.7	15.9
Emergent herbaceous wetland	0.0	0.0
Forested wetland	0.0	0.0
Open water	0.0	0.0
Transitional barren	95.0	0.2
Bare rock / sand	0.0	0.0
Total natural cover	47,122.5	97.8
DEVELOPED COVER:		
Agriculture	771.9	1.6
Residential, commercial, indust.	277.1	0.6
Total developed cover	1,049.0	2.2

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,099.1	2,388.6	1,289.4	1,745.5

Minor blocks comprising matrix block:

9
Maximum acreage of minor road block within: 21983.6
Average acreage of minor road block within: 5500
Std Dev in acres of minor road block within: 6990
Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
8	0	0	2	3	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	2.5	Road or street	61.9	1.3
Road or street	18.8	Shoreline	0.6	0.0
Railroad	6.6	Railroad	0.1	0.0

Managed Area within block (acres): 19,131.0

Percentage of block in managed area: 39.7

10 Largest managed areas: Name, Owner, and Acreage:

Elk State Forest	STA	11,399.9
Gameland 30	STA	6,863.4
Susquenock State Forest	STA	678.3
Elk State Forest	STA	98.2
Gameland 61	STA	91.2

Aquatic summary:

Streams 105.2 2.2
Streams selected for portfolio: 23.6 0.5

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities No. hardwoods; less oak

Biodiversity features

Disturbance history Some strip mines

Ownership State game and state forest land; some private

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Pine Creek** 17,522.3 Acres Tier 1 ELU Group: B1b1

Perimeter/area ratio (*1000; lower is better): **1.119** Nearest Matrix block: **Wolf Run/Cedar Run** Distance (miles): **4.0**

County and state: Tioga PA
Map unit and subsection name: 212Fa Cattaraugus Highlands
 212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	12,904.0	73.6
Coniferous forest	1,452.9	8.3
Mixed forest	2,040.7	11.6
Emergent herbaceous wetland	27.4	0.2
Forested wetland	0.0	0.0
Open water	106.7	0.6
Transitional barren	18.7	0.1
Bare rock / sand	0.0	0.0
Total natural cover	16,550.4	94.4
DEVELOPED COVER:		
Agriculture	953.4	5.4
Residential, commercial, indust.	21.8	0.1
Total developed cover	975.2	5.6

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
899.0	2,099.8	1,200.8	1,499.4

Minor blocks comprising matrix block: 6

Maximum acreage of minor road block within: 15103.7

Average acreage of minor road block within: 4230

Std Dev in acres of minor road block within: 6320

Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
3	0	1	0	1	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	4.3	Local route	1.0	0.1
Road or street	33.0	Road or street	17.3	1.0
Railroad	10.4	Railroad	5.4	0.3

Managed Area within block (acres): 11,592.4

Percentage of block in managed area: 66.2

10 Largest managed areas: Name, Owner, and Acreage:

Tioga State Forest	STA	7,462.5
Tioga State Forest	STA	2,763.7
L. Harrison	STA	554.0
Tioga State Forest	STA	384.9
Colton Point	STA	196.0
Tioga State Forest	STA	178.5
Tioga State Forest	STA	52.6
Tioga State Forest	STA	0.1

Aquatic summary: Streams 32.1 1.8

Streams selected for portfolio: 15.2 0.9

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities Mixed hardwood; mixed oak
Biodiversity features PA Grand Canyon;
Disturbance history Fires,
Ownership Fair amt of private; mostly camps

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Quehanna**

98,671.4 Acres

Tier **2**

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.302** Nearest Matrix block: **West Branch-Sproul** Distance (miles): **0.0**

County and state:

Cameron PA
 Clearfield PA
 Clinton PA
 Elk PA

Map unit and subsection name:

212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	73,419.4	74.4
Coniferous forest	4,347.1	4.4
Mixed forest	20,424.5	20.7
Emergent herbaceous wetland	1.1	0.0
Forested wetland	0.0	0.0
Open water	2.0	0.0
Transitional barren	99.9	0.1
Bare rock / sand	0.0	0.0
Total natural cover	98,294.0	99.6
DEVELOPED COVER:		
Agriculture	277.6	0.3
Residential, commercial, indust.	99.6	0.1
Total developed cover	377.2	0.4

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
856.3	2,296.7	1,440.4	1,581.4

Minor blocks comprising matrix block: 59

Maximum acreage of minor road block within: 27675.8

Average acreage of minor road block within: 2370

Std Dev in acres of minor road block within: 4640

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
35	5	5	4	8	3

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Road or street	15.2	Road or street	151.7	1.5
Railroad	13.6	Shoreline	0.2	0.0
Pipeline	2.3	Pipeline	33.2	0.3

Managed Area within block (acres): 46,832.0

Percentage of block in managed area: 47.5

10 Largest managed areas: Name, Owner, and Acreage:

Elk State Forest	STA	25,862.3
Elk State Forest	STA	18,576.3
Sproul State Forest	STA	2,393.1
Elk State Forest	STA	0.2
Elk State Forest	STA	0.1

Aquatic summary: Streams 175.4 1.8

Streams selected for portfolio: 2.4 0.0

Viable, primary target Element Occurrences: 2

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	2

Comments (from expert interviews, fall 2000):

Communities Mixed oak; some All. Hardwoods locally

Biodiversity features

Disturbance history A little mining, lots of gas, all logged in past

Ownership State forest, some private

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Rattlesnake Hill** 20,631.0 Acres Tier 1 ELU Group: A1a

Perimeter/area ratio (*1000; lower is better): **0.518** Nearest Matrix block: **Jersey Hill** Distance (miles): **0.1**

County and state:

Allegany NY
Livingston NY

Map unit and subsection name:

212Fa Cattaraugus Highlands



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	4,623.0	22.4
Coniferous forest	592.0	2.9
Mixed forest	11,350.3	55.0
Emergent herbaceous wetland	1.3	0.0
Forested wetland	27.6	0.1
Open water	24.2	0.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	16,618.4	80.6
DEVELOPED COVER:		
Agriculture	3,958.6	19.2
Residential, commercial, indust.	50.1	0.3
Total developed cover	4,008.7	19.4

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,263.2	2,001.4	738.2	1,633.9

Minor blocks comprising matrix block: 21

Maximum acreage of minor road block within: 3966.5

Average acreage of minor road block within: 1210

Std Dev in acres of minor road block within: 1240

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
10	6	3	5	0	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	9.3	Local route	0.7	0.0
Road or street	16.1	Road or street	37.5	1.8
		Shoreline	1.2	0.1
		Airport	0.4	0.0

Managed Area within block (acres): 7,540.7

Percentage of block in managed area: 36.6

10 Largest managed areas: Name, Owner, and Acreage:

Rattlesnake Hill	STA	4,955.8
Ossian	STA	1,293.3
Canaseraga	STA	1,262.4
Rattlesnake Hill	STA	29.2

Aquatic summary: Streams 33.8 1.6

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features Trout streams; rattlesnakes; black bear, snowshoe hare

Disturbance history Conifer plantations; state land logged

Ownership WMAs 5150A; TNC easement underway

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Red House Run** 17,125.3 Acres Tier **2** ELU Group: **A2a**

Perimeter/area ratio (*1000; lower is better): **0.823** Nearest Matrix block: **Pine Creek** Distance (miles): **15.1**

County and state: **Map unit and subsection name:**
 Steuben NY 212Fa Cattaraugus Highlands
 Tioga PA



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	9,755.8	57.0
Coniferous forest	239.3	1.4
Mixed forest	2,162.5	12.6
Emergent herbaceous wetland	1.8	0.0
Forested wetland	2.4	0.0
Open water	2.7	0.0
Transitional barren	13.6	0.1
Bare rock / sand	0.0	0.0
Total natural cover	12,178.1	71.1
DEVELOPED COVER:		
Agriculture	4,896.8	28.6
Residential, commercial, indust.	47.8	0.3
Total developed cover	4,944.6	28.9

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,197.6	2,155.6	958.1	1,673.3

Minor blocks comprising matrix block:

Maximum acreage of minor road block within:	17125.3				
Average acreage of minor road block within:	1E+04				
Std Dev in acres of minor road block within:					
Number of minor road bounded blocks within, by acreage:					
0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
0	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	10.1	Local route	0.4	0.0
Road or street	24.8	Road or street	19.3	1.1
Railroad	0.6	Railroad	1.5	0.1
		Pipeline	1.6	0.1

10 Largest managed areas: Name, Owner, and Acreage:

Aquatic summary:

Streams	30.2	1.8
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Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Schuyler County State Lands** **48,050.2** Acres Tier **2** ELU Group: **A2a**

Perimeter/area ratio (*1000; lower is better): **0.389** Nearest Matrix block: **Connecticut Hill** Distance (miles): **10.1**

County and state:

Schuyler NY
Steuben NY

Map unit and subsection name:

212Fb Central Allegheny Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	26,092.4	54.3
Coniferous forest	2,507.7	5.2
Mixed forest	13,984.1	29.1
Emergent herbaceous wetland	0.9	0.0
Forested wetland	9.3	0.0
Open water	51.4	0.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	42,645.8	88.8
DEVELOPED COVER:		
Agriculture	5,229.5	10.8
Residential, commercial, indust.	171.1	0.4
Total developed cover	5,400.6	11.2

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,099.1	2,001.4	902.3	1,551.9

Minor blocks comprising matrix block: 70

Maximum acreage of minor road block within: 3723.5

Average acreage of minor road block within: 775

Std Dev in acres of minor road block within: 953

Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
39	16	11	8	0	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Road or street	43.6	Road or street	113.6	2.4
Pipeline	0.7	Shoreline	1.6	0.0
		Pipeline	10.5	0.2

Managed Area within block (acres): 19,144.7

Percentage of block in managed area: 39.8

10 Largest managed areas: Name, Owner, and Acreage:

Sugar Hill	STA	8,526.3
Coon Hollow	STA	2,382.0
Goundry Hill	STA	2,068.8
South Bradford	STA	1,791.9
Cinnamon Lake	STA	1,752.9
Dry Run	STA	1,089.3
Meads Creek	STA	845.5
West Hill	STA	387.7
Sugar Hill	STA	205.3
Goundry Hill	STA	66.8

Aquatic summary: Streams 70.8 1.5

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features Good timber production, roads with closed canopies

Disturbance history Red pine plantations

Ownership 9+11K state land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Sugarloaf** 58,613.8 Acres Tier 1 ELU Group: B2

Perimeter/area ratio (*1000; lower is better): **0.356** Nearest Matrix block: **West Kill Wilderness** Distance (miles): **0.0**

County and state:

Greene NY
Ulster NY

Map unit and subsection name:

M212Ea Catskill Mountains
212Fc Eastern Allegheny Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	27,865.5	47.5
Coniferous forest	8,120.8	13.9
Mixed forest	21,831.4	37.2
Emergent herbaceous wetland	0.4	0.0
Forested wetland	92.5	0.2
Open water	51.4	0.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	57,962.0	98.9
DEVELOPED COVER:		
Agriculture	283.3	0.5
Residential, commercial, indust.	366.7	0.6
Total developed cover	650.0	1.1

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
515.1	3,694.4	3,179.3	2,109.7

Minor blocks comprising matrix block: 61

Maximum acreage of minor road block within: 44902.4

Average acreage of minor road block within: 961

Std Dev in acres of minor road block within: 5920

Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
61	1	0	0	0	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	13.6	Local route	0.2	0.0
Road or street	28.0	Road or street	83.6	1.4
		Shoreline	1.1	0.0

Managed Area within block (acres): 29,454.1

Percentage of block in managed area: 50.3

10 Largest managed areas: Name, Owner, and Acreage:

Plateau Mtn.	STA	16,126.3
Phoenicia	STA	5,901.9
Kaaterskill	STA	5,884.7
Big Indian	STA	610.6
Overlook	STA	563.9
Kaaterskill	STA	149.5
Phoenicia	STA	120.2
Devils Tombstone Campground	STA	96.2
Hunter Mtn.	STA	0.4
Hunter Mtn.	STA	0.1
Westkill Mtn.	STA	0.1

Aquatic summary: Streams 49.5 0.8

Streams selected for portfolio:

Viable, primary target Element Occurrences: 6

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	2	0	4

Comments (from expert interviews, fall 2000):

Communities M. Corey surveys currently

Biodiversity features

Disturbance history May be ski area; junky along roads

Ownership State + large private

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Tionesta**

39,167.3 Acres

Tier **1**

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.400** Nearest Matrix block: **Kinzua West**

Distance (miles): **7.1**

County and state:

Elk PA
McKean PA
Warren PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	27,246.6	69.6
Coniferous forest	3,475.1	8.9
Mixed forest	7,005.3	17.9
Emergent herbaceous wetland	0.0	0.0
Forested wetland	0.0	0.0
Open water	0.0	0.0
Transitional barren	369.2	0.9
Bare rock / sand	0.0	0.0
Total natural cover	38,096.2	97.3
DEVELOPED COVER:		
Agriculture	979.0	2.5
Residential, commercial, indust.	92.7	0.3
Total developed cover	1,071.7	2.7

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,364.9	2,024.4	659.5	1,696.3

Minor blocks comprising matrix block:

61
Maximum acreage of minor road block within: 7923.2
Average acreage of minor road block within: 700
Std Dev in acres of minor road block within: 1650
Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
47	3	4	4	3	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	2.8	Local route	0.1	0.0
Road or street	1.1	Road or street	112.9	2.9
Railroad	14.6	Railroad	1.3	0.0
Pipeline	11.4			

Managed Area within block (acres): 39,167.3

Percentage of block in managed area: 100.0

10 Largest managed areas: Name, Owner, and Acreage:

Allegheny National Forest FED 39,167.3

Aquatic summary:

Streams	64.5	1.6
Streams selected for portfolio:	2.7	0.1

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Tobyhanna** 16,203.5 Acres Tier **2** ELU Group: **B1a**

Perimeter/area ratio (*1000; lower is better): **0.880** Nearest Matrix block: **Blooming Grove** Distance (miles): **11.8**

County and state: **Map unit and subsection name:**

Lackawanna PA 212Fd Pocono Plateau
 Monroe PA



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	11,508.2	71.0
Coniferous forest	413.9	2.6
Mixed forest	452.6	2.8
Emergent herbaceous wetland	149.0	0.9
Forested wetland	3,409.5	21.0
Open water	89.4	0.6
Transitional barren	94.3	0.6
Bare rock / sand	0.0	0.0
Total natural cover	16,116.9	99.5
DEVELOPED COVER:		
Agriculture	73.3	0.4
Residential, commercial, indust.	12.4	0.0
Total developed cover	85.7	0.5

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>		
1,679.9	1,998.1	318.3	1,837.4		
<u>Minor blocks comprising matrix block:</u>					
Maximum acreage of minor road block within:			18394.9		
Average acreage of minor road block within:			9200		
Std Dev in acres of minor road block within:			E+04		
Number of minor road bounded blocks within, by acreage:					
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
4	0	0	0	0	1

Managed Area within block (acres): 14,860.4

Percentage of block in managed area: 91.7

10 Largest managed areas: Name, Owner, and Acreage:

Gameland 127	STA	14,779.2
Gameland 127	STA	81.2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	5.2	Road or street	8.8	0.5
Road or street	19.4	Shoreline	3.8	0.2
Shoreline	6.2	Railroad	0.3	0.0
Railroad	0.2			

Aquatic summary:

Streams 34.3 2.1

Streams selected for portfolio:

Viable, primary target Element Occurrences:

4

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	4

Comments (from expert interviews, fall 2000):

Communities	Beech maple
Biodiversity features	swamps, trout,
Disturbance history	Former gunnery range, beech bark, logged in past
Ownership	State and private? Conservation

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Trout Run**

69,475.8 Acres

Tier **2**

ELU Group: **B1b2**

Perimeter/area ratio (*1000; lower is better): **0.344** Nearest Matrix block: **Quehanna**

Distance (miles): **0.1**

County and state:

Cameron PA
Elk PA

Map unit and subsection name:

212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	53,072.9	76.4
Coniferous forest	3,142.4	4.5
Mixed forest	11,278.7	16.2
Emergent herbaceous wetland	0.0	0.0
Forested wetland	0.0	0.0
Open water	0.4	0.0
Transitional barren	286.0	0.4
Bare rock / sand	0.0	0.0
Total natural cover	67,780.4	97.6
DEVELOPED COVER:		
Agriculture	1,077.2	1.6
Residential, commercial, indust.	616.5	0.8
Total developed cover	1,693.7	2.4

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
997.4	2,300.0	1,302.6	1,650.3

Minor blocks comprising matrix block:

Number of minor road bounded blocks within, by acreage:	11
Maximum acreage of minor road block within:	49028.6
Average acreage of minor road block within:	7300
Std Dev in acres of minor road block within:	E+04
Number of minor road bounded blocks within, by acreage:	
0-500	6
500-1000	0
1000-2000	1
2000-5000	3
5000-10000	1
10000+	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	16.6	Road or street	93.9	1.4
Road or street	27.2	Shoreline	0.6	0.0
Railroad	1.9	Airport	0.1	0.0
Pipeline	0.8			

Managed Area within block (acres): 32,755.7

Percentage of block in managed area: 47.1

10 Largest managed areas: Name, Owner, and Acreage:

Elk State Forest	STA	17,851.5
Gameland 14	STA	14,608.8
Elk Stae Forest	STA	218.7
Gameland 311	STA	76.7

Aquatic summary:

Streams	145.7	2.1
Streams selected for portfolio:		

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities No. hardwoods/oaks

Biodiversity features

Disturbance history Strip mines, gypsy moth, acid mine drainage, gas wells

Ownership Public; Seneca Resources; one big private owner (Kaul)

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Turnpike State Forest** **19,378.7** Acres Tier **2** ELU Group: **A1a**

Perimeter/area ratio (*1000; lower is better): **0.750** Nearest Matrix block: **Jersey Hill** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**

Allegany NY 212Fa Cattaraugus Highlands



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	6,786.7	35.0
Coniferous forest	1,217.6	6.3
Mixed forest	8,434.1	43.5
Emergent herbaceous wetland	0.0	0.0
Forested wetland	5.8	0.0
Open water	70.3	0.4
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	16,514.5	85.2
DEVELOPED COVER:		
Agriculture	2,729.4	14.0
Residential, commercial, indust.	135.4	0.7
Total developed cover	2,864.8	14.8

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
1,338.6	2,300.0	961.3	1,834.1

Minor blocks comprising matrix block: 28

Maximum acreage of minor road block within: 2360

Average acreage of minor road block within: 691

Std Dev in acres of minor road block within: 825

Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
20	2	7	3	0	0

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Interstate highw	10.5	Road or street	43.6	2.2
Local route	5.2	Shoreline	1.3	0.1
Road or street	16.8			

Managed Area within block (acres): 7,727.4

Percentage of block in managed area: 39.9

10 Largest managed areas: Name, Owner, and Acreage:

Turnpike	STA	4,560.9
Palmer Pond	STA	1,666.3
Phillips Creek	STA	1,452.1
Palmer Pond	STA	31.3
Palmer Pond	STA	16.8

Aquatic summary: Streams 15.3 0.8

Streams selected for portfolio:

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities	??
Biodiversity features	??
Disturbance history	??
Ownership	5500A state land

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **West Branch-Sproul** **64,962.9** Acres Tier **2** ELU Group: **B1b1**

Perimeter/area ratio (*1000; lower is better): **0.691** Nearest Matrix block: **Quehanna** Distance (miles): **0.0**

County and state: **Map unit and subsection name:**
 Cameron PA 212Gb Allegheny Deep Valleys
 Centre PA
 Clinton PA



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	47,380.9	72.9
Coniferous forest	3,815.8	5.9
Mixed forest	11,134.6	17.1
Emergent herbaceous wetland	23.6	0.0
Forested wetland	0.0	0.0
Open water	570.7	0.9
Transitional barren	1,010.8	1.6
Bare rock / sand	0.0	0.0
Total natural cover	63,936.4	98.4
DEVELOPED COVER:		
Agriculture	585.6	0.9
Residential, commercial, indust.	439.0	0.7
Total developed cover	1,024.6	1.6

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
695.6	2,319.7	1,624.1	1,509.3

Minor blocks comprising matrix block: 40
 Maximum acreage of minor road block within: 49128.9
 Average acreage of minor road block within: 2310
 Std Dev in acres of minor road block within: 8070
 Number of minor road bounded blocks within, by acreage:

<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>
31	1	2	3	2	2

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	15.2	Road or street	100.1	1.5
Road or street	44.9	Shoreline	27.2	0.4
Shoreline	21.4	Railroad	13.5	0.2
Railroad	1.6	Pipeline	0.8	0.0
Pipeline	1.8			

Aquatic summary: Streams 107.4 1.7

Streams selected for portfolio: 4.0 0.1

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	0

Comments (from expert interviews, fall 2000):

Communities Mixed oak

Biodiversity features Cove hardwoods, eagles, good fisheries, elk, part old growth

Disturbance history Gypsy moth, tornado

Ownership State

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **West Kill Wilderness**

51,359.2 Acres

Tier **1**

ELU Group: **B2**

Perimeter/area ratio (*1000; lower is better): **0.310** Nearest Matrix block: **Sugarloaf**

Distance (miles): **0.0**

County and state:

Greene NY
Ulster NY

Map unit and subsection name:

M212Ea Catskill Mountains
M212Eb Catskill Highlands



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	37,140.2	72.3
Coniferous forest	2,562.2	5.0
Mixed forest	10,375.4	20.2
Emergent herbaceous wetland	0.4	0.0
Forested wetland	2.9	0.0
Open water	37.6	0.1
Transitional barren	0.0	0.0
Bare rock / sand	0.0	0.0
Total natural cover	50,118.7	97.6
DEVELOPED COVER:		
Agriculture	829.7	1.6
Residential, commercial, indust.	413.9	0.8
Total developed cover	1,243.6	2.4

Elevation summary (values in feet):

Minimum	Maximum	Range	Mean
853.1	3,999.5	3,146.5	2,408.3

Minor blocks comprising matrix block: 13

Maximum acreage of minor road block within: 51194.4

Average acreage of minor road block within: 3950

Std Dev in acres of minor road block within: E+04

Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
15	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	26.9	Road or street	40.8	0.8
Road or street	6.7	Shoreline	1.1	0.0
Pipeline	4.3			

Managed Area within block (acres): 30,812.3

Percentage of block in managed area: 60.0

10 Largest managed areas: Name, Owner, and Acreage:

Westkill Mtn.	STA	17,224.1
Hunter Mtn.	STA	10,660.0
Shandaken	STA	2,400.0
Shandaken	STA	389.0
Devils Tombstone Campground	STA	83.3
Vinegar Hill	STA	49.5
Plateau Mtn.	STA	3.2
Plateau Mtn.	STA	2.4
Halcott Mtn.	STA	0.4
Pine Hill	STA	0.3

Aquatic summary: Streams 31.0 0.6

Streams selected for portfolio:

Viable, primary target Element Occurrences: 1

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	1

Comments (from expert interviews, fall 2000):

Communities Mt. spruce fir- not much data

Biodiversity features

Disturbance history Dev. pressure to north

Ownership Lots of managed area

ECOLOGICAL LAND UNITS: Acreage occurring in West Kill Wilderness

Bedrock Geology:	Landforms:											Wet / moist flat	Dry flat: till	Dry flat: patchy	Dry flat: exposed	Dry flat: Surficial					
	Steep Cliff	Slope slope	Slope crest	Upper slope	Flat sum mit	Side slope (NE)	Cove (NE)	Side slope (SW)	Cove (SW)	Slope bottom											
Very low elevation (below 1,000 feet):												461 acres (* May include open water not reported below)									
Acidic sed / metased						10	34	18	52	137	31			119				Fine grain sediment:			
Acidic shale																					
Calcareous sed																		Coarse grain sed:			
Mod. calcareous sed / Calc shale																					
Acidic granitic																		Residuum, colluvium, alluvium:			
Mafic / Intermediate granitic																					
Ultramafic																					
Low elevation (1,000 - 2,000 feet):												18,359 acres*									
Acidic sed / metased	35	398	39	946	116	1,940	4,403	2,056	3,799	2,572	180	222	604					Fine grain sediment:			
Acidic shale																					
Calcareous sed																		Coarse grain sed:			
Mod. calcareous sed / Calc shale																		106			
Acidic granitic																		Residuum, colluvium, alluvium:			
Mafic / Intermediate granitic																					
Ultramafic																					
Mid elevation (2,000 - 2,500 feet):												14,815 acres*									
Acidic sed / metased	32	799	53	1,758	139	2,577	3,455	2,155	2,857	525	2		292					Fine grain sediment:			
Acidic shale																					
Calcareous sed																		Coarse grain sed:			
Mod. calcareous sed / Calc shale																					
Acidic granitic																		Residuum, colluvium, alluvium:			
Mafic / Intermediate granitic																					
Ultramafic																					
High elevation (2,500 - 3,250 feet):												14,483 acres*									
Acidic sed / metased	45	1,526	182	4,284	437	2,013	1,927	1,871	1,694	187			264					Fine grain sediment:			
Acidic shale																					
Calcareous sed																		Coarse grain sed:			
Mod. calcareous sed / Calc shale																					
Acidic granitic																		Residuum, colluvium, alluvium:			
Mafic / Intermediate granitic																					
Ultramafic																					
Alpine (above 3,250 feet):												3,226 acres*									
Acidic sed / metased	13	326	114	1,728	355	192	73	280	84				63					Fine grain sediment:			
Acidic shale																					
Calcareous sed																		Coarse grain sed:			
Mod. calcareous sed / Calc shale																					
Acidic granitic																		Residuum, colluvium, alluvium:			
Mafic / Intermediate granitic																					
Ultramafic																					

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT

Name: **Wolf Run/Cedar Run** 16,075.3 Acres Tier 1 ELU Group: B1b1

Perimeter/area ratio (*1000; lower is better): **0.618** Nearest Matrix block: **Pine Creek** Distance (miles): **4.0**

County and state: Lycoming PA **Map unit and subsection name:** 212Gb Allegheny Deep Valleys



Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	11,564.3	71.9
Coniferous forest	975.6	6.1
Mixed forest	3,282.7	20.4
Emergent herbaceous wetland	4.7	0.0
Forested wetland	0.0	0.0
Open water	0.0	0.0
Transitional barren	89.8	0.6
Bare rock / sand	0.0	0.0
Total natural cover	15,917.1	99.0
DEVELOPED COVER:		
Agriculture	158.5	1.0
Residential, commercial, indust.	1.4	0.0
Total developed cover	159.9	1.0

Elevation summary (values in feet):

<u>Minimum</u>	<u>Maximum</u>	<u>Range</u>	<u>Mean</u>
698.9	2,135.9	1,437.1	1,410.8

Minor blocks comprising matrix block:

Maximum acreage of minor road block within: 16073.1
 Average acreage of minor road block within: 8040
 Std Dev in acres of minor road block within: E+04
 Number of minor road bounded blocks within, by acreage:

0-500	500-1000	1000-2000	2000-5000	5000-10000	10000+
1	0	0	0	0	1

LINE FEATURES:

<u>Border</u>	<u>Miles</u>	<u>Interior lines</u>	<u>Miles</u>	<u>Mi/1K acres</u>
Local route	5.4	Road or street	7.1	0.4
Road or street	9.5			
Railroad	5.9			
Pipeline	4.3			

Managed Area within block (acres): 13,093.7

Percentage of block in managed area: 81.5

10 Largest managed areas: Name, Owner, and Acreage:

Tiadaghton State Forest	STA	7,568.4
Gameland 68	STA	5,152.3
Gameland 75	STA	312.2
Tiadaghton State Forest	STA	42.1
Tiadaghton State Forest	STA	18.7

Aquatic summary:

Streams 19.0 1.2
 Streams selected for portfolio: 16.4 1.0

Viable, primary target Element Occurrences:

<u>Animals</u>	<u>Invertebrates</u>	<u>Plants</u>	<u>Nonvascular plants</u>	<u>Communities</u>
0	0	0	0	1

Comments (from expert interviews, fall 2000):

Communities Mixed oak
Biodiversity features High qual. Trout streams; v. mountainous
Disturbance history Small fires; logged-second growth
Ownership State forest and numerous hunt clubs

