Allegheny High Plateau

Name: Allegheny State Park

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

Map unit and subsection name:

212Ga

88,760.6 Acres

ELU Group: A2b

Distance (miles): 0.0

<u>County and state:</u>					
Cattaraugus	NY				
McKean	PA				
Warren	PA				

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
Managed Area within block	69,332.4	
Percentage of block in managed	78.1	

reiteinage of block in manageu area.					
10 Largest managed areas: Name,	Owner, ar	nd Acreage:			
Allegany	STA	59,601.6			
Allegheny National Forest	FED	9,719.5			
Allegany	STA	11.3			

Elevation summary (values in feet):								
Minimu	<u>m</u>	Maximun	<u>n Ra</u>	nge	Me	an		
1,328.8	3	2,424.7	1,0	95.9	1,87	6.7		
<u>Minor b</u>	locks co	mprising	<u>matrix bl</u>	lock:		87		
Maximum acreage of minor road block within: 15630								
Average acreage of minor road block within: 1240								
Std Dev	in acres o	f minor ro	ad block w	ithin:	3	3440		
Number	of minor 1	oad boun	ded blocks	withi	n, by acrea	ge:		
<u>0-500</u> <u>5</u>	00-1000	1000-200	<u>)0 2000-5</u>	5000	<u>5000-100</u>	<u>00 10000+</u>		
75	4	1	3	3	3	5		
LINE FE	ATURES	:						
<u>Border</u>	<u>1</u>	Miles	Interio	r line	s <u>Miles</u>	Mi/1K acres		
Interstate	e highw	3.9	Local re	oute	0.5	0.0		
Local rou	ute	12.8	Road or	stree	t 139.4	1.6		
Road or	street	14.0	Shoreli	ne	2.6	0.0		
Pipeline		9.0	Pipeline	9	1.5	0.0		
		I						
<u>Aquatic</u>	summar	<u>y:</u>	Streams	5	109.5	1.2		

Tier¹

Viable, prin	ary target	Element	Occurrences:	6

Streams selected for portfolio:

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



23.5

0.3

ECOLOGICAL LAND UNITS: Acreage occurring in Allegheny State Park

	La	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock		slope		slope	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)		moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000,	feet):		0 ac	cres (* Ma	ıy include	open wa	iter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium:
Oluanane	Low	alovat	ion (1	000	2 00		.+\.	54,875	acros?	*					
Acidic sed / metased	LOW 8	eievai 177	48	, 000 · 3,497	- 2,0 0 625	6,588	6,047	3,745	3,602	1	42				Fine grain sediment:
Acidic shale		58	39	1,911	166	2,786	3,784	3,342	3,193	4,803	160	13			seument.
Calcareous sed				.,		_,	0,101	0,012	0,100	.,000					Coarse
Mod. calcareous sed / Calc shale															grain sed: 321
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															2,756
	Mid	elevat	ion (2	,000 -	- 2,50)0 fee	t): 3	3,779 a	acres*						
Acidic sed / metased		44	79	5,860	3,681	6,131		1	1,508	1,418	13				Fine grain sediment:
Acidic shale			3	114	24	5		31	6						
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															7,842
/	High	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres'	ł					
Acidic sed / metased															Fine grain sediment:
Acidic shale															G
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															gram seu.
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Alpin	ne (abo	ove 3,	250 fe	et):		o acr	es*							
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															-
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															

Name: Alma Hill

56,094.5 Acres Tier 2 ELU Group: A1b

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

County and state:		Map uni	it and subsection name:	, The	
Allegany	NY	212Fa	Cattaraugus Highlands	Conservancy _*	NaturéServe
McKean	PA	212Ga	Allegheny High Plateau	Saving the Last Great Places	Natureserve
Potter	PA				

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

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

Elevation summary (values in feet):										
Minimu	<u>Minimum Maximum Range Mean</u>									
1,469.9)	2,549.3	1,079.4	2,011.	3					
Minor blocks comprising matrix block: 167										
Maximur	n acreage	of minor r	oad block with	in: 6972	.6					
Average	acreage o	f minor roa	d block within:	39	93					
Std Dev	in acres of	f minor roa	d block within:	83	36					
Number	of minor 1	oad bound	ed blocks within	n, by acreage:						
<u>0-500</u> 50	00-1000	1000-2000	<u>2000-5000</u>	5000-10000	10000+					
136	13	10	9	1	0					
LINE FE	ATURES	:								
Border	<u>1</u>	Miles	Interior line	<u>Miles</u> Miles	Ii/1K acres					
Local rou	ute	13.9	Local route	0.6	0.0					
Road or s	street	44.7	Road or stree	t 213.3	3.8					
Railroad 1.1 Shoreline 2.3 0.0					0.0					
		I								
<u>Aquatic</u>	summar	<u>'V:</u>	Streams	64.7	1.2					
Streams selected for portfolio:										

Viable, primary target Element Occurrences:

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

ECOLOGICAL LAND UNITS: Acreage occurring in Alma Hill Landforms:

Land		Landforns:		Flat Side			Side			Wet /	Dry	ry Dry Dry	Dry	Dry	
Bedrock		Steep f slope	crest	slope	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist		flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	res (* Ma	ay include	open wa	ter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic										-					
Acidic sed /	Low	elevat	tion (1	,000 ·	- 2,00	JO fee	et):	27,338	acres				1 1		Eine anein
metased		11	10	434	158	720	728		572	637	13	77	21	245	Fine grain sediment:
Acidic shale Calcareous sed		53	19	1,338	192	3,628	3,420	2,089	1,995	4,830	487	1,159	596	385	Coarse
Mod. calcareous sed / Calc shale															grain sed: 664
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	- 2,50	00 fee	t): 2	8,275 a	acres*						
Acidic sed / metased			6	2,250	1,417	3,602	1,726	2,506	1,328	1,062	29	4,161	1,176	363	Fine grain sediment:
Acidic shale			3	923	654	1,328	276	653	184	443	13	1,744	1,344	730	
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 21
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Hiah	eleva	tion (2.500	- 3.2	50 fe	et):	343	acres'	r.					
Acidic sed / metased					10							334			Fine grain sediment:
Acidic shale															scument.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic		<i>.</i>			.`			~~*							
Acidic sed /	Alpir	ne (abo	ove 3,	250 fe	eet):		0 acr	es^							Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															

Name: Bear Pen Vly

48,807.6 Acres

ELU Group: B2

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

County and	state:	Map unit and subsection name:	The X	
Delaware	NY	M212Ea Catskill Mountains	Conservancy _*	NaturéServe
Greene	NY	M212Eb Catskill Highlands	Saving the Last Great Places	Natureserve
Ulster	NY			

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

Managed Area within block (a	9,708.6	
Percentage of block in managed an	19.9	
10 Largest managed areas: Name,	Owner, and	d 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

Comments (from expert interviews, fall 2000):

Communities	No inventory
Biodiversity features	
Disturbance history	Development threats
Ownership	Private and state

Elevation summary (values in feet):							
Minimum	Maximum	<u>Range</u>	Mean				
1,099.1	3,546.8	2,447.6	2,322.9				
Minor blocks	comprising	matrix block:	1	7			
Maximum acrea	age of minor	road block withi	n: 41780	.2			
Average acreag	e of minor ro	ad block within:	287	0			
Std Dev in acre	s of minor ro	ad block within:	E+0)4			
Number of mine	or road bound	led blocks within	n, by acreage:				
<u>0-500</u> <u>500-100</u>	0 1000-200	<u>00</u> <u>2000-5000</u>	5000-10000	<u>10000+</u>			
16 0	0	0	1	1			
LINE FEATUR	ES:						
Border	Miles	Interior lines	<u>Miles</u> M	li/1K acres			
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			
	I						

Tier 1

Aquatic summary: Streams selected for portfolio:

Viable, primary target Element Occurrences:

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

Streams

20.6

0.4

ECOLOGICAL LAND UNITS: Acreage occurring in Bear Pen Vly

	andfo	r n5 :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry	
Bedrock		f slope		Upper slope	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000	feet):		0 ac	res (* Ma	ıy include	open wa	iter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic Ultramafic															alluvium:
Oluainane	Low	alavat	tion (1	000	2 00		. +\.	12 017	acros	 *					
Acidic sed /				,000 -					acres'						Fine grain
metased Acidic shale	5	221	11	585	114	1,592	3,060	932	1,531	2,256	255	590	1,072		sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 82
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic				000	0.50										
Acidic sed /		1	1	,000 -			-	9,252 8	1		1		1 1		Fine grain
Acidic shale	40	232	13	1,418	164	3,865	4,740	3,052	3,254	1,097	32	569	595		sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium:
	l l : er he		tion (2 2		~ 1 \.	45 400	acroc*	 •	ļ			l	
Acidic sed /	підп 21	551	184	2,500 4,474	- 3,2 562	3,139	1	1	acres* 1,887	31			187		Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:
	Alpir	ne (abo	ove 3,	250 fe	et):	1,3	23 acr	es*							
Acidic sed / metased		6	82	796	276	52		76	6				29		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic											T				

Name: Beaverkill

136,172.8 Acres

ELU Group: B2

Distance (miles): **0.0**

Mean

2,496.8

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

County and	state:	Map unit and subsection name:	, The 💸	
Delaware	NY	M212Eb Catskill Highlands	Conservancy _*	NaturéServe
Sullivan	NY	M212Ea Catskill Mountains	Saving the Last Great Places	Natureserve
Ulster	NY			

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

Managed Area within block (a	72,566.6	
Percentage of block in managed an	53.3	
10 Largest managed areas: Name,	Owner, ar	nd 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

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

Elevation summary (values in feet):

Tier¹

Minor	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											
Numbe	er of minor	road bound	led blocks within	n, by acreage:							
0-500	<u>500-1000</u>	1000-200	<u>0 2000-5000</u>	5000-10000	<u>10000+</u>						
71	2	0	3	2	2						
LINE	FEATURES	5:									
Borde	r	Miles	Interior lines	<u>Miles</u> M	i/1K acres						
Local	route	2.4	Road or street	t 180.6	1.3						
Road of	or street	58.6	Shoreline	17.0	0.1						
Shorel	ine	0.1	Airport	0.7	0.0						
Railro	ad	10.3									
<u>Aquat</u>	tic summa	r <u>y:</u>	Streams	116.6	0.9						
	Stream	s selected f	for portfolio:	53.0	0.4						

Viable, primary target Element Occurrences:	3
Nonvascular	

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

ECOLOGICAL LAND UNITS: Acreage occurring in Beaverkill

	La	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock		Steep slope	crest	slope	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat:	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	res (* Ma	ay include	e open wa	ter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 ·	- 2,00	00 fee	et):	26,263	acres'	k					
Acidic sed / metased		263	13	1,057	139	2,761	6,714	1,874	2,888	4,882	1,309	909	1,310		Fine grain sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															63
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	- 2,50)0 fee	t): 54	4,823 व	acres*						
Acidic sed /		290	5	3,436	882	8,043	9,913	7,795	7,097	5,307	503	5,502	4,255		Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 6
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	High	مامير	tion (2,500	2 2	50 fo	ot).	50 688	acres*	۱ ۱ ۲	I			I	
Acidic sed /	пıуп		1			I	1		1				1 1	1	Fine grain
metased Acidic shale		488	32	7,584	2,114	9,789	5,729	9,547	5,508	1,750	92	293	7,151		sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic			_												
Acidic sed /	Alpir	ne (abo	ove 3,	250 fe	eet):	4,1	29 acr	es^	I.					1	Eina grain
metased		61	89	1,969	796	443	45	519	95				111		Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															0
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Big Run

Elevation summary (values in feet):

Maximum

2,309.8

ELU Group: B1b2

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

County and s	state:	Map unit and subsection name:	Nature 2	
Centre	PA	212Gb Allegheny Deep Valleys	Concentance	NaturéServe
Clinton	PA		Saving the Last Gonat Places	Natureserve

Minimum

800.6

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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

Managed Area within block (a	580.2	
Percentage of block in managed a	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

STA

7.4

Maximum	acreage	e of minor ro	oad block withir	n: 17672	2.6
Average a	creage o	of minor road	d block within:	72	23
Std Dev in	acres o	of minor road	d block within:	31	80
Number of	f minor	road bounde	d blocks within	, by acreage	:
<u>0-500</u> <u>50</u>	0-1000	1000-2000	2000-5000	5000-10000	10000
28	1	0	1	0	1
LINE FEA Border Local rout		<u>Miles</u> 1.7	Interior lines Local route	<u>Miles</u> <u>N</u> 1.2	/ <u>li/1K acr</u> 0.1
			Road or street	47.5	2.5
Road or st	reet	19.9	Road of street	47.5	
Road or st	reet	19.9	Koau of sileet	47.5	

Viable, primary target Element Occurrences: 2

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

Comments (from expert interviews, fall 2000):

Sproul State Forest

Communities	Mixed oak
Biodiversity features	
Disturbance history	Gypsy moth, tornado
Ownership	Some private



Mean

1,551.9

19,319.1 Acres

Distance (miles): **0.0**

Range

1,509.3

Tier 2

ECOLOGICAL LAND UNITS: Acreage occurring in Big Run

	La	andfo	rms:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		619 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased						11	87	3	166	140					Fine grain sediment:
Acidic shale															~
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale						2			5						grani sed.
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															31
	Low	elevat	tion (1	,000 -	- 2,00	00 fee	et):	13,734	acres	*					
Acidic sed / metased		98	19	511	474	653	728	767	722	1,318	213				Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale		52	19	506	105	467	169	451	208	171	48				grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															5,033
Ultramafic															-,
/	Mid	elevat	ion (2	,000 -	2,50	00 fee	et):	4,975	acres*						
Acidic sed / metased				68	172	517	192	490	137	446	6				Fine grain sediment:
Acidic shale															seument.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium: 2,917
Ultramafic															2,917
	High	n eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres	k					
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															anuvium.
Ultramafic															
A · 1 · 1 /	Alpir	ne (abo	ove 3,	250 fe	et):		o acr	es*							
Acidic sed / metased															Fine grain sediment:
Acidic shale															scument.
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Blooming Grove

44,492.1 Acres

Elevation summary (values in feet):

<u>Maximum</u>

2,027.7

Tier¹

ELU Group: B1b1

. .

Range

1,089.3

Distance (miles): 7.1

Mean

1,492.9

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

County and state:		<u>Map uni</u>	t and subsection name:	The	
Monroe	PA	212Fd	Pocono Plateau	Conservancy.	NaturéServe
Pike	PA	212Fc	Eastern Allegheny Plateau	Saving the Last Great Places	Natureserve

Minimum

938.4

0

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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

Managed Area within block (acre	<u>es):</u>	17,176.8
Percentage of block in managed area:	38.6	
10 Largest managed areas: Name, Ov	vner, an	d 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

Promised Land

Delaware State Forest

Delaware State Forest

Minor blocks co	omprising :	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 bound	ed blocks within	n, by acreage:					
<u>0-500</u> <u>500-1000</u>	<u>1000-200</u>	<u>0 2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>				
24 2	0	1	1	1				
LINE FEATURES:								
<u>Border</u>	Miles	Interior lines	<u>Miles Mi</u>	i/1K acres				
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							
Aquatic summa	ry:	Streams	88.8	2.0				
Stream	ns selected f	or portfolio:	16.5	0.4				
Viable, primary target Element Occurrences: 4								
<u>Animals</u> Inv	ertebrates	<u>Nonvas</u> <u>Plants plan</u>		<u>unities</u>				

0

0

0

4

Comments	(from exper	t 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

STA

STA

STA

STA

727.3

448.0

30.3

0.1

ECOLOGICAL LAND UNITS: Acreage occurring in Blooming Grove

	La	andfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000,	feet):		458 ac	cres (* Ma	ay include	open wa	ter not rep	orted below)	
Acidic sed /	-			1				1	3	11	105		193		Fine grain
metased									-						sediment:
Acidic shale															_
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															anuvium.
Ultramafic															
	Low	elevat	tion (1	,000 -	- 2,00	00 fee	et):	43,971	acres	*	1				
Acidic sed / metased		16	5	356	235	1,127	577	944	451	1,689	4,983	5,929	24,224		Fine grain
Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															29
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	N 4: J		:	000	2 5))	1)		ooroo*						
Acidic sed /	IVITa	elevat	ion (2	1		JU Tee	et):	53	acres*	1 1	1				Fine grain
metased				18	32								3		Fine grain sediment:
Acidic shale															securiterit.
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Hiah	eleva	tion (2	2.500	- 3.2	50 fe	et):	0	acres'	k					
Acidic sed /				_,	-1-			-	1					1	Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															unu vium.
Ultramafic															
	Alpir	ne (ab	ove 3,2	250 fe	et):		o acr	'es*							
Acidic sed /															Fine grain
metased															sediment:
Acidic shale															Coarse
Calcareous sed															grain sed:
Mod. calcareous sed / Calc shale															grani sou.
															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Bogg's Run

31,234.8 Acres

ELU Group: B1b1

Distance (miles): **0.0**

Mean

Tier 2

Range

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

County and state:		<u>Map uni</u>	t and subsection name:	, The 💸		
Clinton	PA	212Gb	Allegheny Deep Valleys	Nature Conservancy _® Swing the Last Great Places	NaturéServe	

<u>Minimum</u>

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				

Managed Area within block (acr	<u>es):</u> 24,430.1
Percentage of block in managed area	a: 78.2
10 Largest managed areas: Name, O	Wher, and Acreage:
Sproul State Forest	STA 24,430.1

600.4	2,198.3	1,597.8	1,401.0						
<u>Minor blo</u>	Minor blocks comprising matrix block: 8								
Maximum acreage of minor road block within: 15461.1									
Average act	reage of minor r	oad block within:	390	0					
Std Dev in	acres of minor r	oad block within:	665	0					
Number of	minor road bour	nded blocks withi	n, by acreage:						
<u>0-500</u> <u>500</u>	<u>-1000</u> <u>1000-20</u>	<u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>					
6	0 1	0	0	2					
LINE FEAT	TURES:								
<u>Border</u>	<u>Miles</u>	Interior line	<u>s Miles M</u>	i/1K acres					
Local route	13.1	Road or stree	t 42.4	1.4					
Road or stre	eet 6.0	Shoreline	0.2	0.0					
Shoreline	6.7	1							
Pipeline	11.7								
Aquatic su	mmary:	Streams	46.6	1.5					
:	Streams selected	l for portfolio:	2.6	0.1					

Viable, primary target Element Occurrences:

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

Elevation summary (values in feet):

Maximum

ECOLOGICAL LAND UNITS: Acreage occurring in Bogg's Run

	La	andfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock		f slope		Upper slope	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):	5	,249 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased	6	256		129	21	658	1,694	68	221	614	77				Fine grain sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale		2		13	10	40	56			15	23				224
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															572
	Low	elevat	tion (1	,000 -	. 2 0) 00 fee	י ד(+⊄	22,806	acres	*	I		1 1		
Acidic sed /	34	1,431	234	2,274	698	2,509	2,793		1,653	1,073	129				Fine grain
metased		1,431	234	2,214	090	2,309	2,795	1,370	1,055	1,073	129				sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous	3	111	55	677	264	411	153	461	210	216	19				grain sed: 210
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															4,591
	Mid	olovat	ion (2	,000 -	2 50)0 foo	+)•	3,157 ä	acres*		1		1 1	I	
Acidic sed /	IVII G	Cicvat	2	474	472	469	89	1	50	118			1		Fine grain
metased			2	474	472	409	69	434	50	110					sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															1,051
	Hiah	eleva	tion (2,500	- 3.2	250 fe	et):	0	acres'	*					
Acidic sed /					0,=					1 1			1 1	1	Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															
Ultramatic		· .	-					+		1 1					
Acidic sed /	Alpir	ne (abo	ove 3,	250 fe	et):	1	o acr	es^	1				1 1	1	Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															anuvium:
Ultramafic															

Name: Bone Run

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

County and	state:
Cattaraugus	NY
Warren	PA

1 4 4

Map unit and subsection name:212GaAllegheny High Plateau



Range

882.6

Tier 1

Valure Conservancy. Ving the Last Great Places NatureServe

Mean

1,761.9

ELU Group: A2b

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

Managed Area within block (ac	6,505.9	
Percentage of block in managed are	ea:	21.5
10 Largest managed areas: Name,	Owner, an	d 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

Minor blocks comprising matrix block: 40 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: 0-500 500-1000 1000-2000 2000-5000 5000-10000 10000 +31 3 4 4 3 0 LINE FEATURES: Border Miles **Interior lines** Miles Mi/1K acres Road or street 63.3 2.1 Interstate highw 0.4 Shoreline 0.1 3.6 Local route 0.2 Pipeline 8.2 0.3 Road or street 28.9 0.0 Airport 0.3 **Aquatic summary:** Streams 41.9 1.4 Streams selected for portfolio: Viable, primary target Element Occurrences: 1 Nonvascular Animals Invertebrates Plants Communities <u>plants</u>

0

0

1

0

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

30,271.9 Acres

Minimum

1,319.0

0

Elevation summary (values in feet):

Maximum

2,201.6

ECOLOGICAL LAND UNITS: Acreage occurring in Bone Run

	La	andfo	rns:		Flat	Side		Side			Wet /	Drv	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest		sum mit		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	elevati	on (be	low 1	,000	feet):		0 ac	res (* M	ay include	open wa	iter not rep	orted below)	
Acidic sed /															Fine grain
metased															sediment:
Acidic shale															a
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															C
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	low	elevat	tion (1	.000	- 2.00)0 fee	et):	25.429	acres'	• •	1		1 1		I
Acidic sed /		37	21	2,118	770	2,865	2,195	1,673	917	1,276	32	76			Fine grain
metased		07	21	2,110	110	2,000	2,100	1,070	517	1,270	52	10			sediment:
Acidic shale		8	2	783	85	1,096	1,418	1,407	1,563	2,288	140	161			
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															562
Acidic granitic															Residuum, colluvium,
Mafic / Inter-															alluvium:
mediate granitic															2,131
Ultramafic															, -
	Mid	elevat	ion (2	,000 -	- 2,50	00 fee	t):	4,485 ä	acres*						
Acidic sed /			10	483	459	401	31	321	37	56		156			Fine grain
metased															sediment:
Acidic shale				97	74	208	50	61	10	48	13				
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium: 1,908
Ultramafic															1,900
	Hiah	eleva	tion (2.500	- 3.2	50 fe	et):	0	acres*	r -					
Acidic sed /				_,	-1-			-	1		1				Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alpir	o (ab	ove 3,	250 fc	م ر اب		o acr	es*	1	· · ·	I		1 1	·	
Acidic sed / metased	Арп			25016	etj.		0 acr								Fine grain sediment:
Acidic shale															seament.
															Coarse
Calcareous sed															grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic	_														colluvium, alluvium:
Ultramafic															

24,880.2 Acres

Minimum

879.3

Elevation summary (values in feet):

Maximum

2,221.2

Name: Bristol Hills

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

County and	state:	
Livingston	NY	
Ontario	NY	

Map unit and subsection name:

212Fb Central Allegheny Plateau



Distance (miles): 15.2



Mean

1,548.6

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

Managed Area within block (acres): 663.1

Percentage of block in managed an	rea:	2.7
10 Largest managed areas: Name,	Owner, and	Acreage:
Harriet Hollister Spencer	STA	663.1

Minor blocks o	omprising n	atrix block:	5.					
Minor blocks comprising matrix block:54Maximum acreage of minor road block within:5614.8								
Average acreage of minor road block within: 5014.8								
				2				
Std Dev in acres	of minor road	l block within:	1330	C				
Number of mino	r road bounde	d blocks within	n, by acreage:					
<u>0-500</u> <u>500-1000</u>	<u>1000-2000</u>	2000-5000	<u>5000-10000</u>	<u>10000+</u>				
43 2	4	4	2	0				
LINE FEATURE	ES:							
Border	Miles	Interior line	<u>s Miles M</u>	i/1K acres				
Road or street	26.3	Road or stree	t 72.5	2.9				
		Shoreline	0.2	0.0				
	'							
Aquatic summary: Streams 23.9 1.0								
Streams selected for portfolio:								

Tier 1

Range

1,341.9

Viable, primary target Element Occurrences: 1

Animals	Invertebrates	<u>Plants</u>	<u>Nonvascular</u> <u>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

ECOLOGICAL LAND UNITS: Acreage occurring in Bristol Hills

	La	andfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	elevati	on (be	low 1	,000	feet):	3,24	7 acre	S (* May	include op	en water	not repor	ted below)	
Acidic sed /							5		39	84	19	52			Fine grain
metased															sediment:
Acidic shale						3	256	45	297	638	820	90	44		216
Calcareous sed							5	26	18	76	24	77			Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium,
Mafic / Inter-															alluvium:
mediate granitic Ultramafic															
Ultramatic	1				2.0		1) 40	705 00	roo*						
Acidic sed /	LOW		tion (1	,000			1			1 1			1		Fine grain
metased		106		227	26	851	970	434	803	313	16	303			sediment:
Acidic shale		335	2	622	74	1,186	1,529	1,575	1,289	517	116	1,784	1,782		G
Calcareous sed															Coarse grain sed:
Mod. calcareous															grani seu. 305
sed / Calc shale															Residuum,
Acidic granitic															colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic	Mid	alavat	ion (2	,000 -	2 50)0 foo	+\. ₄a	386 ac							
Acidic sed /	witu	cievai	1011 (2					1	I		I			I.	Fine grain
metased				316	364	390	48	305	40	34		1,093	836		sediment:
Acidic shale			2	329	85	71		164	16	32		263	424		
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 11
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	High	eleva	tion (2,500	- 3 2	50 fe	et)∙	0.20	cres*						
Acidic sed /	ingi			2,000	0,2		cy.			1 1	1		1	1	Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
Acidic sed /	Alpir	ne (ab	ove 3,	250 f€	eet):	0	acres	*							Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Buckham Mountain

32,789.7 Acres

Elevation summary (values in feet):

ELU Group: B1a

- -

Tier 2

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

County and s	tate:	<u>Map unit</u>	t and subsection name:	Nature Nature	
Pike	PA	212Fc	Eastern Allegheny Plateau	Conservancy _*	NaturéServe
		221Bd	Kittatinny-Shawangunk Ridges	Saving the Last Great Places	natureserve

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 (ac	12,873.5	
Percentage of block in managed are	39.3	
10 Largest managed areas: Name,	Owner, an	d 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

<u>Minimum</u> 456.1	<u>Maximum</u> 1,466.6	<u>Range</u> 1,010.5	<u>Mea</u> 96						
Minor blocks comprising matrix block: 20									
Maximum acreag	-			916					
Average acreage	of minor roa	d block within:	1	640					
Std Dev in acres	of minor roa	d block within:	5	740					
Number of mino	r road bound	ed blocks within	n, by acreag	ge:					
0-500 500-1000	1000-2000	<u>2000-5000</u>	5000-1000	0 10000+					
25 0	0	0	1	1					
LINE FEATURE	ES:								
Border	Miles	Interior lines	Miles	Mi/1K acres					
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 summa	ary:	Streams	56.4	1.7					
Streams selected for portfolio:									

<u>Viable, prin</u>	nary target E	lement	Occurrences:	3
Animals	Invertebrates	<u>Plants</u>	<u>Nonvascular</u> <u>plants</u>	Communities

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)

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in Buckham Mountain}$

	La	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist flat	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000,	feet):	10	,200 ac	cres (* Ma	iy include	e open wa	ater not rep	oorted below)	
Acidic sed / metased		139	10	324	35	720	1,020	73	108	780	16	150	253		Fine grain sediment:
Acidic shale		2		140	50	390	395	68	81	293	24	485	405		
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale		39	11	376	143	369	380	324	300	330	18	216	495		grain sed: 379
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
Acidic sed /	Low	elevat	tion (1	,000 -	- 2,00	00 fee	et):	22,607	acres	*					Dine entir
metased		3		485	300	998	227	566	205	911	996	12,119			Fine grain sediment:
Acidic shale Calcareous sed				27	47	124	26	193	34	87	26	1,799	546		Coarse
Mod. calcareous															grain sed:
sed / Calc shale				3	31			2				3	21		45
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2.50)0 fee	et):	0 8	acres*						
Acidic sed / metased		ororat		,	_,										Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	High	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres'	k					
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Alpin	ne (abo	ove 3,	250 fe	et):		o acr	es*							
Acidic sed / metased															Fine grain sediment:
Acidic shale															~
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															

Name: Bucktooth State Forest

29,897.9 Acres

Elevation summary (values in feet):

Tier 1

ELU Group: A1b

Distance (miles): 0.1

County and s	state:	Map unit and subsection name:	Nature 🔆 🛋
Cattaraugus	NY	212Fa Cattaraugus Highlands	Conservancy _*
		212Ga Allegheny High Plateau	Saving the Last Gonat Places INALURESERVE

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

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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

Managed Area within block (ac	<u>eres):</u>	2,357.3
Percentage of block in managed are	ea:	7.9
10 Largest managed areas: Name,	Owner, an	d Acreage:
Bucktooth	STA	1,356.4
Bucktooth	STA	561.2
Elkdale	STA	400.8
Bucktooth	STA	38.9

Minimu	<u>m</u>	Maximun	<u>1</u>	<u>Range</u>	<u>M</u>	lean					
1,351.8	3	2,401.7		1,049.9	1,8	376.7					
Minor blocks comprising matrix block: 22											
Maximur	n acreage	e of minor	road blo	ock with	in: 6	630.2					
Average	acreage o	of minor ro	ad bloc	k within	:	1390					
Std Dev i	in acres o	of minor ro	ad bloc	k within:	:	2250					
Number	of minor	road bound	ded bloc	ks withi	n, by acrea	age:					
<u>0-500</u> 5	00-1000	1000-200	<u>)0 200</u>	0-5000	<u>5000-100</u>	000	<u>10000+</u>				
15	0	1		3	3		0				
LINE FE Border		S: Miles	Inter	rior line	s Miles	Mi/	1K acres				
Local rou		3.1		l or stree	_	_	2.0				
Road or s	street	25.9									
Railroad		5.0									
<u>Aquatic</u>	summa	r <u>y:</u>	Strea	ms	35.	4	1.2				
	Stream	s selected	for port	folio:	1.	9	0.1				
<u>Viable, j</u>	Viable, primary target Element Occurrences: 1										
Anim	<u>als Inve</u>	ertebrates	<u>Plants</u>	<u>Nonvas</u> plai		ommu	<u>nities</u>				
0		0	0		0	1					

Comments (from expert interviews, fall 2000):

Oak-cherry-sugar maple
Prob. Heavily logged, pressure from hunt clubs
Some state land 2200A



$\textbf{ECOLOGICAL LAND UNITS:} \ A creage \ occurring \ in \ Bucktooth \ State \ Forest$

La		Landforns:			Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	cres (* Ma	ay include	e open wa	iter not rep	oorted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic	Low	alovat	ion (1	,000 -	2 00		\ \+\.	20,912	acros	*					
Acidic sed /												05		00	Fine grain
metased Acidic shale	11 5	15 26	6 31	482 1,523	148 303	1,339	1,446 1,608	166 2,490	376 2,350	419 2,904	98	35 875		82 849	sediment:
Calcareous sed				,		,	,	,	,	,					Coarse
Mod. calcareous sed / Calc shale															grain sed: 477
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2 50)0 fee	t)·	8,872 8	acres*		I		1 1		
Acidic sed / metased	Wita		3	1,109	795	1,657	440	1,251	467	156		192		2,002	Fine grain sediment:
Acidic shale				292	97	11	2	234	34	3		8		18	
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															
Oluainane		_													
. . . /	High	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres*	٢					
Acidic sed / metased															Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															8
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															anuvium.
Ultramafic															
Acidic sed /	Alpir	ne (ab	ove 3,	250 fe	eet):		0 acr	es*							Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															

Name: Butternut Hollow

35,056.2 Acres Tier 2

Elevation summary (values in feet):

ELU Group: B1b2

Perimeter/area ratio (*1000; lower is better): **0.444** Nearest Matrix block: **Hammersley** Distance (miles): **0.0**

County and s	tate:	<u>Map uni</u>	t and subsection name:	The	
Potter	РА	212Gb	Allegheny Deep Valleys	Nature Conservancy _® Swing the Last Great Places	NaturéServe

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

Managed Area within block (acres): 32,712.7

Percentage of block in managed a	93.3	
10 Largest managed areas: Name,	Owner, ar	nd Acreage:
Susquenock State Forest	STA	32,705.2
Susquenock State Forest	STA	7.5

<u>Minimu</u>	<u>n</u>	Maximun	n <u>Range</u>	<u>Me</u>	an						
1,099.1	.099.1 2,398.4 1,299.3				55.2						
Minor blocks comprising matrix block: 16											
Maximur	n acreage	e of minor	road block wi	thin: 151	70.4						
Average	acreage o	of minor ro	ad block with	in: 2	2190						
Std Dev i	n acres o	of minor ro	ad block with	in: 4	4610						
Number of	of minor	road boun	ded blocks wit	thin, by acrea	ge:						
<u>0-500</u> <u>50</u>	00-1000	1000-200	<u>2000-500</u>	<u>0</u> <u>5000-100</u>	<u>00 10000+</u>						
10	0	2	2	0	2						
LINE FE	ATURES	5:									
<u>Border</u>		Miles	Interior li	nes <u>Miles</u>	Mi/1K acres						
Local rou	ite	2.3	Local route	e 0.5	0.0						
Road or s	street	25.1	Road or str	reet 65.7	1.9						

Aquatic summary:	Streams	67.7	1.9
Streams select	ed for portfolio:	4.1	0.1

Viable, primary target Element Occurrences:

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

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in Butternut Hollow}$

Landf			Landforms:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest		sum sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	-	flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	- 2,0	00 fee	et):	17,778	acres	*					
Acidic sed /	34	1,263	187	1,612	151	2,040	3,139	1,594	2,521	1,620	95				Fine grain
metased															sediment:
Acidic shale Calcareous sed															Coarse
															grain sed:
Mod. calcareous sed / Calc shale															gruin sea.
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															1,238
	N / : - I		: (2	000	2 5))	1). (1)		 		I		1 1		
Acidic sed /	IVIIa		-	,000 -				7,307 8	acres	1					Fine grain
metased		10	155	2,746	1,939	2,266	952	1,876	857	1,110	6				sediment:
Acidic shale															50000000
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium: 4,994
Ultramafic															4,554
	Hiah	eleva	tion (2,500	- 3.2	250 fe	et):	0	acres'	*					
Acidic sed /	3		· · 、												Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															D 11
Acidic granitic															Residuum, colluvium,
Mafic / Inter-															alluvium:
mediate granitic Ultramafic															
Ultramatic															
A . 1. 1 /	Alpir	ie (abo	ove 3,	250 fe	et):		o acr	es*							.
Acidic sed / metased															Fine grain sediment:
Acidic shale															seument.
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															~
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Cannonsville

18,762.2 Acres

Elevation summary (values in feet):

0

1

0

0

0

Tier 1

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

Map unit and subsection name: **County and state:** The ature Catskill Highlands M212Eb Delaware NY Conservancy. NaturéServe Eastern Allegheny Plateau ng the Last Great Places 212Fc

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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 (a	cres):	712.7
Percentage of block in managed an	rea:	3.8
10 Largest managed areas: Name,	Owner, and	Acreage:
Cannonsville	MUN	638.7
	STA	74.0

	annun y (vun											
<u>Minimum</u>	Maximur	<u>n Range</u>	Mean									
994.1	2,296.7	1,302.6	1,614.3	3								
Minor blocks comprising matrix block: 3												
Maximum acreage of minor road block within: 18677.6												
Average acre	age of minor r	oad block within	: 623	0								
Std Dev in ac	cres of minor ro	oad block within	: E+0	4								
Number of m	Number of minor road bounded blocks within, by acreage:											
<u>0-500</u> <u>500-1</u>	000 1000-20	00 2000-5000	5000-10000	10000+								
	0 0	0	0	1								
LINE FEATU	URES:											
Border	Miles	Interior line	<u>s Miles M</u>	i/1K acres								
Local route	8.3	Road or stree	et 24.0	1.3								
Road or stree	et 18.6	Shoreline	3.6	0.2								
Shoreline	4.3	Pipeline	0.2	0.0								
Pipeline	0.1	ļ										
Aquatic sun	nmary:	Streams	30.2	1.6								
St	reams selected	for portfolio:										
Viable, primary target Element Occurrences: 1												
<u>Animals</u>	Invertebrates	<u>Nonva</u> <u>Plants pla</u>		nunities								

Comments (from expert interviews, fall 2000):

Communities	??
Biodiversity features	
Disturbance history	??

Ownership ? Few MAs; may be some DEP ELU Group: B1b1

Distance (miles): 19.6

ECOLOGICAL LAND UNITS: Acreage occurring in Cannonsville

	La	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)		Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		140 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed /									2	110	10	3			Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 6
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
A · 1 · 1 /	Low	elevat	ion (1	,000 ·	- 2,00	00 fee	et):	16,108	acres	*	1		1		
Acidic sed / metased	37	569	35	1,866	342	2,276	2,493	1,921	2,129	1,866	50	1,447	5		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 2
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Mid	elevat	ion (2	000 -	. 2 50)0 fee	t).	2,501	acres*		1				
Acidic sed /	ivinci v	3	29	699	396	224	21	384	32	26		620			Fine grain
metased		3	29	099	390	224	21	304	32	20		020			sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	High	eleva	tion (2 500	- 3 2	50 fo	ot)∙	0	acres'	• •	1				
Acidic sed /	ingi	cicvu		2,300	0,2		с ц .	Ŭ					1		Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alnin	na (ahu	ove 3,	250 fc	۰(۲۵	I	o acr	es*	1	1 1	1			1	
Acidic sed /	ліріі		Jve J,	23010	eŋ.		0 40		1	1 1			1		Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Catherine Swamp

Perimeter/area ratio (*1000; lower is better): **0.514** Nearest Matrix block: **East Branch Dam**

County and	d state: <u>Map unit and subsectio</u>		it and subsection name:	NThe St	
Elk	PA	212Ga	Allegheny High Plateau	Conservancy _*	NaturéSe
McKean	PA			Saving the Last Great Places	Naturese

Minimum

1,597.8

Land Cover Summary:

NATURAL COVER:	Acres	Percent
Deciduous forest	23,234.2	81.0
Coniferous forest	1,016.1	3.5
Mixed forest	2,661.8	9.3
Emergent herbaceous wetland	54.9	0.2
Forested wetland	137.4	0.5
Open water	6.9	0.0
Transitional barren	188.4	0.7
Bare rock / sand	0.0	0.0
Total natural cover	27,299.7	95.1
DEVELOPED COVER:		
Agriculture	950.5	3.3
Residential, commercial, indust.	445.6	1.6
Total developed cover	1,396.1	4.9

Managed Area within block (acres): 217.7

Percentage of block in managed area:							
10 Largest managed areas: Name,	Owner, and	Acreage:					
Elk State Forest	STA	217.7					

Minor blocks o	omorising n	natrix black•	1	F							
Minor blocks comprising matrix block:15Maximum acreage of minor road block within:16168.8											
Maximum acreage of minor road block within: 16168.8 Average acreage of minor road block within: 1970											
Std Dev in acres	of minor road	block within:	434	0							
Number of minor	road bounde	d blocks withir	n, by acreage:								
<u>0-500</u> <u>500-1000</u>	1000-2000	2000-5000	5000-10000	<u>10000+</u>							
11 1	0	2	1	1							
LINE FEATURE	S:										
<u>Border</u>	Miles	Interior lines	Miles M	li/1K acres							
Secondary route	15.8	Road or street	29.3	1.0							
Local route	1.0	Shoreline	0.6	0.0							
Road or street	7.1	Railroad	6.1	0.2							
Railroad	0.8	Pipeline	4.1	0.1							
Pipeline	9.6										
Aquatic summa	Aquatic summary: Streams 56.7										
Church	1										

Streams selected for portfolio:

Viable, primary target Element Occurrences: 1

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

Comments (from expert interviews, fall 2000):

Communities	??
Biodiversity features	Neat swamp; good wildlife, lots of bear
Disturbance history	Lots of oil, haevily timbered
Ownership	Mostly private, IP; leased for logging

28,701.1 Acres

Elevation summary (values in feet):

Maximum

2,300.0

ELU Group: B1b2

Distance (miles): 0.2



Mean

1,952.2

Range

702.1

Tier 2

ECOLOGICAL LAND UNITS: Acreage occurring in Catherine Swamp

Landforns:					Flat Side		Side				Wet /	t/ Dry	Dry	Dry	Dry
Bedrock		Steep slope	crest	-	• sum mit	slope (NE)	Cove (NE)	Side slope (SW)	Cove (SW)	-	moist		flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	cres (* Ma	ay include	e open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															Residuum,
Acidic granitic															colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
Chiumane	Low	alovat	tion (1	,000 -	2 0	00 for	\ \ + \.	8 532	acres'	 *					
Acidic sed /	LOW		1				1			1					Fine grain
metased		27	2	385	137	1,086	1,091	956	643	1,707	127				sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															1,275
Ultramafic															.,
	Mid	elevat	ion (2	,000 -	- 2,50	00 fee	e t): 2	0,143 ä	acres*						
Acidic sed /			10	427	509	1,165	269	566	97	775	388				Fine grain
metased						,				-					sediment:
Acidic shale															_
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															14,682
Ultramafic															14,002
	High	eleva	tion (2,500	- 3,2	250 fe	et):	0	acres'	k					
Acidic sed /	J									1					Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	۵lnin	e (ah		250 fe	۰(۲۵		o acr	es*							
Acidic sed /	ліріі		.		icty.	[0 40.		[Fine grain
metased															sediment:
Acidic shale															G
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															grani seu.
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

40,547.6 Acres

Elevation summary (values in feet):

Name: Catskill Escarpment

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



Distance (miles): **0.0**

Serve

County and	<u>d state:</u>	<u>Map unit a</u>	nd subsection name:	The X	
Greene	NY	M212Eb (Catskill Highlands	Nature Conservancy.	Naturés
		M212Ea 0	Catskill Mountains	Saving the Last Great Places	Matures

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

Managed Area within block	k (acres):	22,261.8
	- (,_0110

Percentage of block in managed an	54.9	
10 Largest managed areas: Name,	Owner, ar	nd 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

Comments (from expert interviews, fall 2000):

Communities	Extensive Finton surveys
Biodiversity features	
Disturbance history	
Ownership	???- probably state (REZ)

<u>Minim</u>	<u>um</u>	<u>Maximum</u>	<u>Range</u>	Mean	<u>l</u>
492	2.2	3,819.1	3,326.9	2,129.	4
Minor	blocks co	mprising n	natrix block:	4	6
Maxim	um acreage	e of minor ro	ad block within	: 39815	5.7
Averag	e acreage o	of minor road	l block within:	87	78
Std Dev	v in acres o	of minor road	block within:	587	70
Numbe	r of minor	road bounde	d blocks within,	by acreage	:
<u>0-500</u>	500-1000	1000-2000	<u>2000-5000</u>	5000-10000	10000+
50	0	0	0	0	1
LINE F	EATURE	5:			
Border	•	Miles	Interior lines	Miles N	fi/1K acres
Local r	oute	6.7	Road or street	58.6	1.4
Road o	r street	36.7	Shoreline	4.5	0.1
			Railroad	0.0	0.0
		ľ			
	,		~		<u> </u>

Aquatic summary:	Streams	24.5	0.6
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Streams selected for portfolio:

Viable, primary target Element Occurrences: 8

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

ECOLOGICAL LAND UNITS: Acreage occurring in Catskill Escarpment

	La	andfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist		flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levatio	on (be	low 1	,000	feet):	3	,489 ac	res (* Ma	ay include	open wa	ater not rep	ported below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale						73	253		3	174	34	168	327		
Calcareous sed				34	21	390	638	11	21	245	47	503	337		Coarse
Mod. calcareous sed / Calc shale															grain sed: 60
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic	Low	elevat	ion (1	,000 -	2.00)0 fee	et):	12,221	acres'	 *					
Acidic sed /	2011	210	6	448	44	2,097	2,759	221	313	501	329	1,760	90		Fine grain
metased Acidic shale		210	0	440		2,037	2,100	221	515	501	523	1,700	50		sediment:
Calcareous sed	11	121		55	6	899	1,317	16	27	110	6	195	295		Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic		_				_	_								
Acidic sed /	Mid	elevat	ion (2	,000 -	2,50	0 fee	e t): 1	3,768	acres*						Б
metased		367	34	722	201	1,505	2,519	1,700	1,836	925	300	3,072	169		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	High	eleva	tion (2,500	- 3,2	50 fe	et):	9,892	acres*	r.					
Acidic sed / metased	29	625	93	1,645	514	1,338	1,039	2,624	1,433	140		6	348		Fine grain sediment:
Acidic shale															_
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															0
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic Ultramafic															alluvium:
Ultramatic			_												
Acidic sed /	Alpir	ne (abo	ove 3,	250 fe	et):	1,1	04 acr	es^	1				1		Eina grain
metased	2	53	85	471	103	122	32	174	42				19		Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

Name: Chenango Highlands

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

County	and	state:
00000		

Map unit and subsection name:

212Fb Central Allegheny Plateau

statet
NY
NY
NY

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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
Managed Area within block	40,327.2	

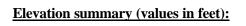
Percentage of block in managed an	rea:	22.9
10 Largest managed areas: Name,	Owner, and	Acreage:
New Michigan	STA	6,000.6
Whitney Point	STA	4,524.1
Five Streams	STA	3,566.8
Bowman Creek	STA	3,446.3
Long Pond	STA	3,200.3
Geneganslet	STA	3,164.7
Ludlow Creek	STA	3,127.9
New Michigan	STA	2,416.7
Five Streams	STA	1,869.5
Balsam Swamp	STA	1,706.5

<u>Minimum</u>	<u>Maximur</u>	<u>n Range</u>	Mean								
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 re	oad block within:	53:	5							
Std Dev in acres	of minor ro	bad block within:	709	9							
Number of minor road bounded blocks within, by acreage:											
<u>0-500</u> <u>500-1000</u>	1000-20	<u>00</u> <u>2000-5000</u>	5000-10000	10000+							
242 70	44	21	0	0							
LINE FEATURE	S:										
Border	Miles	Interior lines	<u>Miles</u> Mi	i/1K acres							
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							
Aquatic summary: Streams 359.8 2.0											
Streams selected for portfolio: 80.7 0.5											
Viable, primary	Viable, primary target Element Occurrences: 1										

⁷ iable, prin	1			
Animals	Invertebrates	<u>Plants</u>	<u>Nonvascular</u> <u>plants</u>	Communities
0	1	0	0	0

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



176,380.0_{Acres}



Tier¹

	\mathbf{C}	
ELU Group:	r	

Distance (miles): 28.6

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in Chenango Highlands}$

	La	ndfo	r 115 :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	· sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist		flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000,	feet):	4	,358 ac	res (* M	ay include	e open wa	iter not rep	orted below)	
Acidic sed / metased							3			143	143	11			Fine grain sediment:
Acidic shale										16	55	2			
Calcareous sed Mod. calcareous							10		34	735	1,346	253			Coarse grain sed:
sed / Calc shale															258
Acidic granitic Mafic / Inter- mediate granitic															Residuum, colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	- 2,00	D0 fee	et): 1	72,025	acres'	k					
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 Mod. calcareous			2	622	603	5,351	3,576	4,097	2,416	7,834	9,906	87,157			Coarse grain sed: 777
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	000 -	. 2 50)0 fee	.t)∙	0 8	acres*			1			
Acidic sed / metased	ivita (erevat		,000 -	- 2,30			0.0							Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															D 1
Acidic granitic Mafic / Inter- mediate granitic															Residuum, colluvium, alluvium:
Ultramafic															
Oluanane		_													
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres*	¢					
Acidic sed / metased															Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															ana vium.
Ultramafic															
Acidic sed /	Alpin	ne (abo	ove 3,:	250 fe	eet):		0 acre	es*							Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															

Name: Chipmunk Run

30,582.7 Acres

Elevation summary (values in feet):

Maximum

2,401.7

Tier 2 ELU Group: A2b

Range

1,010.5

Mean

1,896.4

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

County and s	state:	Map unit and subsection name:	Nature 🗱
Cattaraugus McKean	NY PA	212Ga Allegheny High Plateau	Saving the Last Great Places NaturéServe
WielKeall	171		

Minimum

1,391.1

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

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

Minor blocks comprising matrix block: 97											
Maximum acreage of minor road block within: 8095.6											
Average acreage	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>) 1000-20</u>	<u>00</u> <u>2000-5000</u>	5000-1000	<u>0 10000+</u>							
83 8	2	2	2	0							
LINE FEATURI	ES:										
<u>Border</u>	Miles	Interior lines	<u>Miles</u>	Mi/1K acres							
Secondary route	1.9	Local route	0.3	0.0							
Local route	7.9	Road or street	t 132.3	4.3							
Road or street	19.9	Pipeline	4.2	0.1							
Railroad	0.4										
<u>Applitite summary</u> : ^{1.1} Streams 35.6 1.2											
Strea	Streams selected for portfolio:										

Viable, primary target Element Occurrences:

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

Comments (from expert interviews, fall 2000):

??
Vittaria; rock outcrops
Logged and mined 100yrs ago, many jeep trails; oil and gas
No state land

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in Chipmunk Run}$

	La	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock		Steep slope	crest	slope	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	_	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	o <mark>n (b</mark> e	low 1	,000,	feet):		0 ac	cres (* Ma	ay include	open wa	ater not rep	oorted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Low	elevat	ion (1	,000	- 2,00	00 fee	et):	20,148	acres	*					
Acidic sed / metased			15	978	208	1,707	2,177	666	856	691	3				Fine grain sediment:
Acidic shale	11	47	13	927	60	1,276	1,549	1,549	1,720	2,728	245	23			
Calcareous sed															Coarse
Mod. calcareous															grain sed: 733
sed / Calc shale															
Acidic granitic															Residuum, colluvium,
Mafic / Inter-															alluvium:
mediate granitic Ultramafic															595
Ultramatic															
/	Mid	elevat	ion (2	,000 -	- 2,50	00 fee	t): 1	0,421 8	acres*						
Acidic sed /			35	2,641	1,035	1,861	791	1,557	680	126					Fine grain
metased Acidic shale			13	132	27			52	2						sediment:
Calcareous sed			15	132	21			JZ	2						Coarse
Mod. calcareous															grain sed:
sed / Calc shale															6
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															1,370
	Lliab		tion (2 2		a+).	0	acres*		I			I	
Acidic sed /	піуп	eleva	tion (2,300	- 3,2	.50 Te	eŋ.	U	40103	1 1	I				Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															anuvium.
Ultramafic															
	Alpin	ne (abo	ove 3,	250 fe	et):		o acr	es*							
Acidic sed /	-														Fine grain
metased															sediment:
Acidic shale															G
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															unu viulili.
Ultramafic															

Name: Connecticut Hill

19,998.7 Acres

Elevation summary (values in feet):

Maximum

2,001.4

ELU Group: A2a

Mean

1,594.6

Tier 1

Range

817.0

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

County and s	state:	<u>Map un</u>	it and subsection name:	The	
Schuyler Tompkins	NY NY	212Fb	Central Allegheny Plateau	Saving the Lase Great Places	NaturéServe

Minimum

1,184.4

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

Managed Area within block (ac	11,108.4		
Percentage of block in managed are	55.5		
10 Largest managed areas: Name,	Owner, ar	nd Acreage:	
Connecticut Hill	STA	10,924.1	
Newfield	STA	110.1	
	STA	74.2	

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:									
<u>0-500</u> 5	<u>2000-5000</u>	<u>5000-100</u>	<u>5000-10000 1000</u>						
16	7	3		4	0		0		
LINE FEATURES:									
Border		<u>Miles</u>		Interior line	<u>Miles</u>	<u>Mi/</u>	1K acres		
Local ro	oute	4.1		Road or stree	t 47.1		2.4		
Road or	street	17.0		Shoreline	0.4	ļ	0.0		
Shorelin	horeline 2.3			Pipeline	1.5	1.5			
Railroad	l	1.1		Airport	0.4	Ļ	0.0		
Pipeline		1.8							
<u>Aquatic</u>	e summa	r <u>y:</u>		Streams	47.3		2.4		
Streams selected for portfolio:									

Viable, primary target Element Occurrences:

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

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in Connecticut Hill}$

	La	Landforns:			Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest		sum mit		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	-	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000,	feet):		0 ac	cres (* Ma	ıy include	open wa	iter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															U
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	19,853	acres	*					
Acidic sed / metased		11		701	567	1,726	835	682	221	617	15	5,429			Fine grain sediment:
Acidic shale		10		445	118	722	788	912	548	1,194	366	1,655			
Calcareous sed															Coarse
Mod. calcareous															grain sed: 472
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	ا ما م		ian (2	000	2 50		- \.	00 (l noroc*						
Acidic sed /		elevat	ion (2	- 000		JU Tee	:U:	29 0	acres*	1 1	1		1 1		Fine grain
metased					18							11			sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	High	مامير	tion (2	2 500	2 2	50 fo	ot).	0	acres*	• •	ļ				
Acidic sed /	mgn	cieva		2,300	- 3,2	.50 10	etj.	U		1 1			1 1	1	Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alnin	na (ahu	ove 3,2	250 fe	۰(۲۵	I	o acr	es*	1	1 1	I			1	
Acidic sed /	лірії		JVC J,	23010	eŋ.		0 40			1 1					Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Cranberry Swamp

13,403.2 Acres

Elevation summary (values in feet):

Tier 2 ELU Group: B1b1

Distance (miles): **0.0**

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

County and state:Map unit and subsection name:ClintonPA212GbAllegheny Deep ValleysSeving the Law Great PlacesAllegheny Deep ValleysNatureServe

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

Managed Area within block (acrea	<u>s):</u> 10,013.1
Percentage of block in managed area:	74.7
10 Largest managed areas: Name, Ow	vner, and Acreage:
Sproul State Forest	STA 10,013.1

Minim	<u>num</u>	<u>Maximum</u>	Range	Mea	. <u>n</u>				
912	2.1	2,296.7	1,384.6	1,604	I .4				
Minor blocks comprising matrix block: 2									
Maximum acreage of minor road block within: 15181.4									
Average acreage of minor road block within: 7600									
Std De	v in acres o	of minor road	l block within:	.E+	-04				
Numbe	er of minor	road bounde	d blocks within	n, by acreage	e:				
<u>0-500</u>	<u>500-1000</u>	<u>1000-2000</u>	2000-5000	<u>5000-1000</u>	<u>0 10000+</u>				
1	0	0	0	0	1				
LINE FEATURES:									
Borde	<u>r</u>	<u>Miles</u>	Interior lines	<u>Miles</u>	Mi/1K acres				
Road o	or street	11.2	Road or street	t 18.6	1.4				

Aquatic summary: Streams 22.1 1.6

Streams selected for portfolio:

Viable, primary target Element Occurrences:

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

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

ECOLOGICAL LAND UNITS: Acreage occurring in Cranberry Swamp

	Lane		rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum		Cove (NE)		Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	elevatio	on (be	low 1	,000,	feet):		119 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased						10	19			21					Fine grain sediment:
Acidic shale															seannent.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium: 39
Ultramafic	Low	ماميرما	lion (1	000	2.00		. + \ .	11,528	acres	*					
Acidic sed /	LOW		tion (1				1				400		[]		Fine grain
metased Acidic shale		53		237	90	685	951	566	559	780	166				sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale		13	3	429	229	645	256	221	106	169	63				grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															4,461
C III III III	Mid	alavat	ion (2	000	2 50)) foo	.+\.	1,752 i	acros*						
Acidic sed / metased	wita	eleval		- 216	232	317	64	219	35	32					Fine grain sediment:
Acidic shale															scument.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															619
	Lliab		tion (2 500	2 2	50 fo	ot).	0	acres'	 K	l				
Acidic sed /	пığı	eleva		2,300	- 3,2	.50 Te	eŋ.	0		1 1			1	1	Fine grain
metased															sediment:
Acidic shale															~
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															grum sea.
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															ana vium.
Ultramatic		· · ·						*							
Acidic sed / metased	Alpir	ne (ab	ove 3,	250 fe	et):		0 acr	es							Fine grain sediment:
Acidic shale															scument.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															

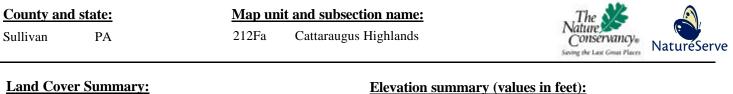
Name: Dutchman Swamp

28,894.1 Acres

ELU Group: B1b1

Distance (miles): **0.0**

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



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

Managed Area within block (a	cres):	18,459.3
Percentage of block in managed an	rea:	63.9
10 Largest managed areas: Name,	Owner, an	d Acreage:
Gameland 13/57	STA	18,456.5
Ricketts Glen	STA	2.7
Wyoming State Forest	STA	0.1

<u>Minimum</u>	<u>Maximun</u>	<u>n Ra</u>	nge	Mean					
1,401.0	2,300.0	8	99.0	1,883.3					
Minor blocks comprising matrix block: 7									
Maximum acr	eage of minor	road block	within:	33933.	6				
Average acrea	age of minor ro	ad block w	ithin:	4860)				
Std Dev in act	res of minor ro	ad block w	ithin:	E+04	4				
Number of mi	nor road boun	ded blocks	within,	by acreage:					
<u>0-500</u> <u>500-10</u>	<u>)00 1000-200</u>	<u>00 2000-5</u>	<u>5000 5</u>	000-10000	10000+				
12 () 0	0)	0	1				
LINE FEATURES: Border <u>Miles</u> Interior lines <u>Miles Mi/1K acres</u>									
<u>Border</u>	<u>Miles</u> ite 5.5	Road or		17.8	0.6				
Secondary rou				6.2	0.0				
Local route	4.9	Shorelir	ie	0.2	0.2				
Road or street	22.6								
<u>Aquatic sum</u>	mary:	Streams		58.1	2.0				
Str	reams selected	for portfoli	o:	2.5	0.1				
Viabla nuim	Viable, primary target Element Occurrences: 2								
vianie, prim	ary target E				2				
Animals	Invertebrates	<u>Plants</u>	<u>lonvascu</u> <u>plants</u>	<u>lar</u> Comm	<u>unities</u>				

1

0

1

0

0

Tier 2

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

$\textbf{ECOLOGICAL LAND UNITS:} \ Acreage \ occurring \ in \ \ \textbf{Dutchman Swamp}$

	La	ndfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock Geology:		Steep f slope	crest	-	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist flat	flat: till	flat: patchy	flat: exposed	flat: Surficial
Acidic sed /	very	low e	levatio	on (be	IOW 1	,000	reet):		0 ac	res (* Ma	ay include	open wa	iter not rep	orted below)	Din a amin
metased															Fine grain sediment:
Acidic shale															seament.
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															
Ultramafic	_	-													i.
Acidic sed /	Low	elevat	tion (1	,000 -	- 2,00	00 fee	et):	17,088	acres'	• 			1		Dine emin
metased				197	166	774	450	629	405	1,787	674	7,818	817		Fine grain sediment:
Acidic shale															seament.
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale				105	69	269	134	234	71	145	10	695			
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															anuvium.
Ultramafic															
	Mid	elevat	ion (2	,000 -	2,50)0 fee	e t): 1	1,836	acres*						
Acidic sed /				29	55	280	89	127	29	317	367	6,717	550		Fine grain
metased															sediment:
Acidic shale															Coarse
Calcareous sed Mod. calcareous															grain sed:
sed / Calc shale				8	42	127	29	35		18	47	2,371			
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres*	r					
Acidic sed /	0													[Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3,	250 fe	et):		o acr	es*							
Acidic sed /	· ··P ··														Fine grain
metased															sediment:
Acidic shale															_
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Allegheny High Plateau

Name: East Branch Dam

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

Map uni
212Gb

212Ga

Cameron PA Elk PA McKean PA

County and state:

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

Managed Area within block (acre	17,259.3	
Percentage of block in managed area:		21.9
10 Largest managed areas: Name, Ov	vner, ar	nd 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

Minimum Maximum Range Mean 1,099.1 2,300.0 1,200.8 1,699.6 Minor blocks comprising matrix block: 24 32876.4 Maximum acreage of minor road block within: Average acreage of minor road block within: 4450 Std Dev in acres of minor road block within: 9090 Number of minor road bounded blocks within, by acreage: 0-500 500-1000 1000-2000 2000-5000 5000-10000 10000 +17 1 0 2 1 4 LINE FEATURES: Miles Mi/1K acres Border Miles **Interior lines** Road or street 121.7 1.5 Local route 13.8 0.0 Shoreline 0.5 Road or street 46.1 Railroad 5.7 0.1 Shoreline 13.3 **Aquatic summary:** Streams 166.6 2.1Streams selected for portfolio: 40.6 0.5 Viable, primary target Element Occurrences: 1 Nonvascular Animals Invertebrates **Communities Plants** <u>plants</u>

Comments (from expert interviews, fall 2000):

Communities	Highest qual. BI 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					

0

0

0

0

1



78,639.4 Acres

Elevation summary (values in feet):

Tier 2 ELU Group: B1b2

Distance (miles): **0.0**

ECOLOGICAL LAND UNITS: Acreage occurring in East Branch Dam

Bedrock Cellogy Step Step Upper Jum slope Cover Stope most Fair fair fair fair fair fair fair fair f		La	ndfo	lforns:		Flat	Side		Side			Wet /	/ Dry	Dry	Dry	Dry
Acidic scal/ meteod Acidic scal/ columnation Acidic scal/ columnation Fine grain scal/ columnation Fine grain scal/ columnation Acidic scal/ Mod. clacrosos Image: Scal/ columnation		Cliff	-	-		sum	slope		slope		_	moist	flat:	flat:	flat:	flat:
Metased Calcianeous sed Mod. calcaneous sed Acidic granite Acidic granite Maffe / Inter- mediate granite Utramatic Sediment: Carse grain sed: Carse grain	Geology:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Calcareous sed Mod. calcareous sed / Calvaba Course grin sed: sed / Calvaba Fire grin sed / Calvaba Sed / Calvaba																
Mod. calcaroos grain set	Acidic shale															
sed / Cate shale spaning																
Maile / Inter- mediate granitic Utermanific Acidic seal/ metased Image of the seal of the se																0
Marking marking Image: Second Se	Acidic granitic															
Interface Low elevation (1,000 - 2,000 feet): 43,281 acros* Acidic sold 3 422 82 3.09 1.381 4.867 6.486 5.969 306 Fine grain seliment: Acidic sold 1																,
Low elevation (1,000 - 2,000 feet): 43,281 acres* Addite set/ metased Self egrain self- self calcareous Acidic sel/ Calcareous sed 1 <td></td> <td>unu vium.</td>																unu vium.
Acidic sed/ metased 3 422 82 3.69 1.391 4.867 6,468 4.221 3.594 5,669 36 File grain sediment: Acidic shale I	Ultramafic				000	0.0			40.004		*					
metased 3 422 82 3.00 4.80 6.480 4.21 3.004 5.080 3.06 sediment Acidic shale	Acidic sed /								1	1				1		Fine grain
Calcareous sed		3	422	82	3,699	1,391	4,867	6,485	4,221	3,594	5,969	306				-
Mod. calcarcous sel / Calc shale Acidic granitic gran sel: gran sel: gran sel: Residuum, colluvium, alluvium: Mafie / Inter- mediate granitic Mid elevation (2,000 - 2,500 feet): 35,371 acres* Residuum, colluvium, alluvium: Residuum, colluvium, alluvium: Acidic granitic Mid elevation (2,000 - 2,500 feet): 35,371 acres* Fine grain sedimenti colluvium, alluvium: Fine grain sedimenti colluvium, alluvium: Residuum, colluvium, alluvium: Acidic shale Calcarous sed 11 74 1,797 1,162 311 899 709 Fine grain sedimenti colluvium, colluvium, alluvium: Mafie / Inter- mediate granitic Image: Calcarous sed Image: Calca	Acidic shale															
med / Cale shale Acidic granitic Residuum, colluvium; alluvium; a	Calcareous sed															
Acidic granitic																grain sed:
Matic / Inter- mediate grainite Ultramatic Mile elevation (2,000 - 2,500 feet): 35,371 acres* colluvium, alluvium: 8,064 Mile elevation (2,000 - 2,500 feet): 35,371 acres* Mile elevation (2,000 - 2,500 feet): 35,371 acres* Fine grain sediment: Acidic sed/ metased 11 74 1,797 1,162 311 999 709 Fine grain sediment: Acidic sed/ Mod. calcareous sed 11 74 1,797 1,162 2,139 646 1,162 311 999 709 Fine grain sediment: Sed / Calc shale 11 1 1 1 1 1 74 1,797 1,162 311 999 709 Fine grain sediment: Coarse grain sed: Coarse Grainent: Coarse Grainent: Coarse Grainent: Coarse Grainent: Coarse Grainent: Coarse grain sed:<																Desiduum
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Calcareous sed Mod. calcareous sed / Calc shale Acidic granitic Ultramafic Coarse grain sed: Residuum, colluvium, alluvium: Mafic / Inter- mediate granitic Ultramafic High elevation (2,500 - 3,250 feet): 0 acres* Residuum, colluvium, alluvium: Mafic / Inter- mediate granitic Ultramafic High elevation (2,500 - 3,250 feet): 0 acres* Fine grain sediment: Acidic sed/ metased Acidic granitic Ultramafic Acidic sed/ Image: Sediment: Image: Sediment: Image: Sediment: Acidic granitic Ultramafic Image: Sediment: Image: Sediment: Image: Sediment: Acidic sed/ metased Acidic shale Calcareous sed Image: Sediment: Image: Sediment: Image: Sediment: Acidic sediment: Image: Sediment: Image: Sediment: Image: Sediment: Image: Sediment: Acidic shale Calcareous sed Image: Sediment: Image: Sediment: Image: Sediment: Image: Sediment: <td>metased</td> <td></td> <td>11</td> <td>74</td> <td>1,797</td> <td>1,162</td> <td>2,139</td> <td>646</td> <td>1,162</td> <td>311</td> <td>899</td> <td>709</td> <td></td> <td></td> <td></td> <td></td>	metased		11	74	1,797	1,162	2,139	646	1,162	311	899	709				
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Acidic shale																
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Ultramafic Alpine (above 3,250 feet): 0 acres* Acidic sed/ metased 0 acres* Fine grain sediment: Acidic shale 0 0 0 0 Fine grain sediment: Calcareous sed 0 0 0 0 0 0 Mod. calcareous sed / Calc shale 0 0 0 0 0 0 0 Acidic granitic Mafic / Inter- mediate granitic 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																
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Mafic / Inter- mediate granitic mediate dramitic mediate dramitic <td></td> <td>D · '</td>																D · '
mediate granitic alluvium:	-															

Minimum

1,427.2

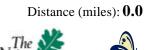
Name: East of Chipmunk Run

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

County and state:						
Cattaraugus	NY					
McKean	PA					

Map unit and subsection name:

212Ga Allegheny High Plateau



Mean

1,916.1

Conservancy wing the Last Great Places NaturéServe

Range

974.5

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

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

Minor blocks comprising matrix block: 162									
Maximum acrea	ge of minor ro	ad block with	n: 730	54.1					
Average acreage	of minor road	d block within:		282					
Std Dev in acres	of minor road	l block within:		905					
Number of mino	r road bounde	d blocks within	n, by acreag	ge:					
<u>0-500</u> <u>500-1000</u>	<u>1000-2000</u>	2000-5000	5000-1000	<u>00 10000+</u>					
145 9	3	4	2	0					
LINE FEATURE	ES:								
Border	<u>Miles</u>	Interior lines	<u>Miles</u>	Mi/1K acres					
Local route	11.2	Local route	11.4	0.3					
Road or street	13.6	Road or street	t 174.7	5.2					
Pipeline	6.9	Shoreline	0.2	0.0					
		Pipeline	0.6	0.0					
Aquatic summary: Streams 49.8 1.5									
Streams selected for portfolio:									

Viable, primary target Element Occurrences:

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

33,453.3 Acres

Elevation summary (values in feet):

Maximum

2,401.7

Tier 2

ELU Group: A2b

$\textbf{ECOLOGICAL LAND UNITS:} \ A creage \ occurring \ in \ East of Chipmunk \ Run$

	La	Landforns:		ns :		Side	Side			Wet /	Dry	Dry	Dry	Dry	
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	Flat sum mit		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levatio	on (be	low 1	,000,	feet):		0 ac	cres (* Ma	ıy include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															
Acidic granitic Mafic / Inter-															Residuum, colluvium, alluvium:
mediate granitic															anu vium.
Ultramafic															
A · 1 · 1 /	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	21,869	acres'	*	1				D
Acidic sed / metased		3	3	1,468	351	2,551	2,846		1,747	1,692	3				Fine grain sediment:
Acidic shale			2	482	71	609	857	891	1,073	2,060	155	34			G
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															92
Acidic granitic Mafic / Inter-															Residuum, colluvium, alluvium:
mediate granitic															1,273
Ultramafic															
	Mid	elevat	ion (2	,000 -	2,50	00 fee	e t): 1	1,574 a	acres*						
Acidic sed / metased			15	2,630	1,742	1,895	587	1,811	609	171					Fine grain sediment:
Acidic shale				53	8	13		40	11						
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															D 11
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															1,837
Ultramatic															
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres*	k					
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium:
Uluainane															
Acidic sed / metased	Alpin	ne (abo	ove 3,2	250 fe	et):		0 acr	es*							Fine grain sediment:
Acidic shale															sediment.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic		<u> </u>													Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:

Name: Emporium

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

County and	<u>l state:</u>	
Cameron	PA	
Potter	PA	

Map unit and subsection name:212GbAllegheny Deep Valleys

2Gb Allegheny Deep Valleys



98,527.9 Acres

Minimum	Maximu	m	Range	Mea	n		
800.6	2,375.4		1,574.9	1,574			
Minor bloc	ks comprising	<u>g matrix</u>	block:		32		
Maximum ad	creage of minor	r road blo	ock with	in: 1775	3.6		
Average acre	eage of minor r	oad blocl	c within:	30	080		
Std Dev in a	cres of minor r	oad block	within:	54	470		
Number of n	ninor road bour	nded bloc	ks withi	n, by acreag	e:		
<u>0-500</u> <u>500-</u>	1000 1000-20	<u>000</u> <u>200</u>	0-5000	<u>5000-1000</u>	0 10000-		
24	0 0		3	3	4		
Border Local route Road or stree Railroad	<u>Miles</u> 39.5 et 15.4 0.0	Loca	<u>ior line</u> l route or stree eline	7.4	<u>Mi/1K acre</u> 0.1 1.5 0.0		
<u>Aquatic sur</u> S	nmary: treams selected	ms folio:	201.1 11.5	2.0 0.1			
Viable, primary target Element Occurrences: 1							
Animals	Invertebrates	<u>Plants</u>	<u>Nonvas</u> <u>plar</u>	0	nmunities		
<u>7 minus</u>							

Tier 1

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

Managed Area within block	(acres):	77.037.6
		11,001.0

Percentage of block in managed area: 78.2				
10 Largest managed areas: Name,	Owner, ar	nd Acreage:		
Elk State Forest	STA	46,167.7		
Susquenock 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		

<u>Comments (from expert interviews, fall 2000):</u>

Communities	Mixed oak: Allegh. Hardwoods
Biodiversity features	
Disturbance history	Sprayed
Ownership	Lots of pub. Land; 15% private



ELU Group: B1b2

Landforns:		Fla		Flat Side		Side		Wet / Dry Dry Dry	Dry						
Bedrock	Cliff	Steep slope	-	Upper slope	r sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000,	feet):	2	,135 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased		50		2	5	19	342	89	417	743	50				Fine grain sediment:
Acidic shale															a
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic	Low	elevat	tion (1	000	- 2 0()0 fee	>t)·	79,129	acres'	*					193
Acidic sed /	442	4,699	1,033	10,121	2,972		11,916		7,695	5,144	271				Fine grain
metased Acidic shale		4,033	1,055	10,121	2,912	0,233	11,910	0,309	7,095	5,144	2/1				sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium: 12,714
Chumane	Mid	alavat	ion (2	000	2 50) D foo	 . +). 4:	7,286 ä	acros*						
Acidic sed / metased	wita	5	ion (2 121	, 000 - 3,463	2,242	2,090	614	1	440	384	13				Fine grain sediment:
Acidic shale															seament.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															5,956
	High	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres*	k					
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															and vium.
	Alpir	ie (ab	ove 3,	250 fe	eet):		o acr	es*							
Acidic sed / metased		•			-										Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

ECOLOGICAL LAND UNITS: Acreage occurring in Emporium

Name: Gray's Run/McIntyre

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

County and state:		Map unit and subsection name:		
Bradford	PA	212Fb	Central Allegheny Plateau	Ne
Lycoming	PA	212Gb	Allegheny Deep Valleys	Savar
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 a	rea:	51.9
10 Largest managed areas: Name,	Owner, an	nd 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>	Range	Mean
797.3	2,224.5	1,427.2	1,512.5

Tier 2

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

LINE FEATURES:

<u>Border</u>	Miles	Interior lines	<u>Miles</u> M	i/1K acres
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 sum	mary:	Streams	86.2	1.8
Str	eams selected	for portfolio:	0.7	0.0

Viable, primary target Element Occurrences:

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



Distance (miles): 7.6



46,815.6 Acres

$\textbf{ECOLOGICAL LAND UNITS:} \ Acreage \ occurring \ in \ \ Gray's \ Run/McIntyre$

Land			Landforns:		ndforns:		Flat	at Side	Side				Wet /	/ Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial		
Geology:	Very	low e	elevation	on (be	low 1	,000	feet):	2	,664 ac	cres (* M	ay include	open wa	iter not rep	orted below)			
Acidic sed / metased	3	21				26	369	23	338	941	103		47		Fine grain sediment:		
Acidic shale															Comme		
Calcareous sed Mod. calcareous sed / Calc shale															Coarse grain sed: 156		
Acidic granitic															Residuum,		
Mafic / Inter- mediate granitic															colluvium, alluvium:		
Ultramafic																	
	Low	elevat	tion (1	,000 ·	- 2,0	00 fee	et):	32,801	acres	*			1				
Acidic sed / metased	379	1,547	259	2,693	993	3,162	3,612	2,143	2,764	1,866	772	2	9,513 3		Fine grain sediment:		
Acidic shale Calcareous sed										2	2		3		Coarse		
Mod. calcareous sed / Calc shale	5	10	8	103	48	29	18	69	16	40	2		316		grain sed:		
Acidic granitic															Residuum,		
Mafic / Inter- mediate granitic															colluvium, alluvium:		
Ultramafic	Mid	elevat	ion (2	,000 -	. 2 50)0 fee		1,338	acres*								
Acidic sed / metased	inia		6	524	546	1,096	245	1	197	269	26	98	7,222		Fine grain sediment:		
Acidic shale																	
Calcareous sed Mod. calcareous						2							19		Coarse grain sed:		
sed / Calc shale						_									D: 1		
Acidic granitic Mafic / Inter-															Residuum, colluvium,		
mediate granitic Ultramafic															alluvium:		
	ما به ال		l tion (f	2 5 0 0	2.2		- - - - - - - - - - -	0	acrost	 K							
Acidic sed / metased	High	i eleva		2,500	- 3,2	250 Te	et):	U	acres'						Fine grain sediment:		
Acidic shale															seament.		
Calcareous sed															Coarse		
Mod. calcareous sed / Calc shale															grain sed:		
Acidic granitic															Residuum,		
Mafic / Inter- mediate granitic															colluvium, alluvium:		
Ultramafic																	
Acidic sed / metased	Alpir	ne (abo	ove 3,	250 fe	eet):		o acr	es*	ĺ						Fine grain		
Acidic shale															sediment:		
Calcareous sed															Coarse		
Mod. calcareous sed / Calc shale															grain sed:		
Acidic granitic Mafic / Inter- mediate granitic															Residuum, colluvium, alluvium:		
Ultramafic																	

112,744.5_{Acres}

Name: Hammersley

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

County and state:						
Cameron	PA					
Clinton	PA					
Potter	PA					

Map unit and subsection name:

212Gb Allegheny Deep Valleys

Tier 1 ELU Group: B1b2 llow Distance (miles): 0.0



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					

Managed Area within block (a	cres):	102,980.3
Percentage of block in managed an	rea:	91.3
10 Largest managed areas: Name,	Owner, ar	nd 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

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

Elevation summary (values in feet):									
Minimum	Maximur	<u>n F</u>	Range	Mea	<u>an</u>				
800.6	2,431.2	1	,630.7	1,61	1.0				
Minor blocks comprising matrix block: 40									
Maximum ac	reage of minor	road blo	ck with	in: 3389	99.8				
Average acre	age of minor r	oad block	within	3	020				
Std Dev in ac	cres of minor re	oad block	within:	6	850				
Number of m	inor road boun	ided block	ks withi	n, by acreag	je:				
<u>0-500</u> <u>500-1</u>	<u>0-500 500-1000 1000-2000 2000-5000 50</u>								
26	0 4		3	5	3				
LINE FEATU	JRES:								
Border	Miles	Interi	ior line	s <u>Miles</u>	Mi/1K acres				
Local route	28.9	Road	or stree	t 139.1	1.2				
Road or stree	et 23.8	Shore	line	3.6	0.0				
Shoreline	2.9	I							
Aquatic sun	nmary:	Stream	ns	229.9	2.0				
St	reams selected	for portfo	olio:	180.2	1.6				
Viable, primary target Element Occurrences: 2									
<u> </u>	T . 1 .	DI	Nonvas		.,.				
<u>Animals</u>	Invertebrates	<u>Plants</u>	<u>plar</u>	<u>nts</u> <u>Cor</u>	<u>mmunities</u>				
0	0	0		0	1				

ECOLOGICAL LAND UNITS: Acreage occurring in Hammersley

	La	ndfo	rms:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):	2	,948 ac	cres (* Ma	iy include	open wa	ater not rep	orted below)	
Acidic sed / metased		48		5	10	52	338	56	398	775	81				Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium: 239
Ultramafic															239
	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	85,705	acres	*					
Acidic sed / metased	177	5,510	856	9,349	3,342	7,940	11,310	8,124	10,005	7,326	297				Fine grain sediment:
Acidic shale															~
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															D
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															13,771
Oltramatic											ļ				
Acidic sed /	Mid	elevat	ion (2	,000 -			e t): 2	4,097 8	acres						Eine anein
metased		19	290	4,749	3,014	2,798	857	2,658	991	811	5				Fine grain sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															
Acidic granitic															Residuum, colluvium,
Mafic / Inter-															alluvium:
mediate granitic Ultramafic															7,584
	Hiah	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres'	k					
Acidic sed /	J														Fine grain
metased															sediment:
Acidic shale															_
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															grani seu.
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:
Oluanane	A I :				. 1)		0.00r	00*			I		1 1		
Acidic sed / metased	Alpir	ne (abo	ove 3,	250 fe	et):		0 acr	es							Fine grain
Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

Name: Hickory Creek

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

County and state:						
Forest	PA					
Warren	PA					

Map unit and subsection name:

212Ga Allegheny High Plateau



Elevation summary (values in feet):

Maximum

1,912.8

28,093.0 Acres

Minimum

1,197.6



Mean

1,555.2

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					

Managed Area within block (acres	<u>s):</u>	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				

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Minor blocks comprising matrix block: 5									
Maximum acreage	Maximum acreage of minor road block within: 18453.5								
Average acreage of	of minor road	block within:	6120	0					
Std Dev in acres of	of minor road	block within:	8610	0					
Number of minor	road bounded	l blocks withi	n, by acreage:						
<u>0-500</u> <u>500-1000</u>	1000-2000	2000-5000	<u>5000-10000</u>	10000+					
3 0	0	0	0	2					
LINE FEATURES	5:								
<u>Border</u>	Miles	Interior line	<u>s Miles M</u>	i/1K acres					
Local route	7.1	Road or stree	t 29.3	1.0					
Road or street	25.1								
Pipeline	0.1								
Aquatic summa	48.0	1.7							
Stream	s selected for	portfolio:	45.6	1.6					
Viable, primary target Element Occurrences:									

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

Tier¹ ELU Group: B1b2

Range

715.3

Distance (miles): 10.8

ECOLOGICAL LAND UNITS: Acreage occurring in Hickory Creek

Landfo			r ns:		Flat	Side	Si	Side		Wet /	Dry	Dry	Dry	Dry	
Bedrock	Cliff	Steep f slope	Slope crest		sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levatio	o <mark>n (</mark> be	low 1	,000,	feet):		0 ac	res (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	28,050	acres'	k .					
Acidic sed / metased				938	1,109	3,765	1,662	2,332	954	4,064	237				Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															11,049
Ultramafic															,
	Mid	elevat	ion (2	,000 -	- 2,50)0 fee	et):	0	acres*						
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Hiah	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres*	r.					
Acidic sed /	5		•												Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3,2	250 fe	et):		o acr	es*							
Acidic sed / metased	•														Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic														_	

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	l state:	Map unit	t and subsection name:	, The	
Allegany	NY	212Fa	Cattaraugus Highlands	Swing the Last Great Places	NaturéServe

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

Managed Area within block (acres): 20,062.1

Percentage of block in managed and	25.4	
10 Largest managed areas: Name,	Owner, and	l 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):

Biodiversity features

Disturbance history Conifer plantation; abandoned farmland

Ownership Lots of state land

Eleva	Elevation summary (values in feet):									
Minir	<u>num</u>	<u>Maximum</u>	Range	Mean						
1,29	2.7	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>	500-1000	1000-2000	2000-5000	5000-10000	10000+					
79	20	23	11	0	0					
LINE	FEATURES	5:								

Border	<u>Miles</u>	Interior lines	Miles	Mi/1K acres
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 summ	ary:	Streams	89.9	1.1

Streams selected for portfolio:

Viable, primary target Element Occurrences:

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

ECOLOGICAL LAND UNITS: Acreage occurring in Jersey Hill

	La	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest		sum mit		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	elow 1	,000,	feet):		0 ac	cres (* Ma	ay include	e open wa	ter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Low	elevat	ion (1	,000	- 2,00	00 fee	et):	61,887	acres	*					
Acidic sed /						29	84			71	18	3			Fine grain
metased															sediment:
Acidic shale				841	875	7,263	3,249	4,501	1,692	7,220	1,911	27,484	303		1,062
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															1,819 D 1
Acidic granitic															Residuum, colluvium,
Mafic / Inter-															alluvium:
mediate granitic															
Ultramafic															
	Mid	elevat	ion (2	,000 ·	- 2,50)0 fee	t): 1	7,118 व	acres*						
Acidic sed /															Fine grain
metased															sediment:
Acidic shale				174	309	1,154	129	538	56	469	102	14,095			_
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															and vium.
Ultramafic															
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres'	ł					
Acidic sed /	Ū			-											Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															una (nam.
Ultramafic															
	Alpin	ne (abo	ove 3,2	250 fe	eet):		o acr	es*							
Acidic sed /															Fine grain
metased															sediment:
Acidic shale															G
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

Name: Kinzua East

10,455.4 Acres

Minimum

1,296.0

Tier 2 ELU Group: A2b

Range

902.3

Distance (miles): 0.0

County and state: Cattaraugus NY PA McKean Warren PA

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
Managed Area within block	10,416.0	

Percentage of block in managed area:								
Owner, ar	nd Acreage:							
FED	10,412.5							
STA	3.5							
	<u>Owner, ar</u> FED							

Minor blocks comprising matrix block: Maximum acreage of minor road block within: Average acreage of minor road block within: 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 10 0 0 0 0 LINE FEATURES: Miles Mi/1K acres Border Miles **Interior lines** Road or street Local route 11.3 Road or street 1.4 Shoreline 15.0

Elevation summary (values in feet):

Maximum

2,198.3

Aquatic summary:	Streams	25.2	2.4
Streams select	ed for portfolio:	8.5	0.8

Viable, primary target Element Occurrences:

<u>Animals</u>	Invertebrates	<u>Plants</u>	<u>Nonvascular</u> <u>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

The X	
Nature	
Conservancy® Saving the Last Great Places	NaturéServe

Mean

1,748.8

11

12810.3

1170

3860

6.2

10000 +

1

0.6

Perimeter/area ratio (*1000; lower is better): **1.062** Nearest Matrix block: **Marshburg** Map unit and subsection name:

212Ga Allegheny High Plateau

ECOLOGICAL LAND UNITS: Acreage occurring in Kinzua East

	La	Landforns:			Flat	nt Side	Side				Dry	Dry Dry	Dry	Dry	
Bedrock	Cliff	Steep f slope	-	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	_	Wet / moist flat		flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000	feet):		0 ac	res (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Low	elevat	ion (1	,000	- 2,0	00 fee	et):	9,217	acres	*					
Acidic sed /		15	11	919	411	1,093	791	1,423	717	454					Fine grain
metased															sediment:
Acidic shale				13		114	201	446	463	506	15				G
Calcareous sed															Coarse grain sed:
Mod. calcareous															gram seu:
sed / Calc shale															Residuum,
Acidic granitic															colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															970
Ultramatic															
/	Mid	elevat	ion (2	,000 -	- 2,50	00 fee	et):	1,199 ä	acres*						
Acidic sed /				55	84	131	15	139	24	31					Fine grain
metased															sediment:
Acidic shale															Coorse
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															gruin sea.
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															678
Chiumane		-		 - -											
/	High	eleva	tion (2	2,500	- 3,2	250 fe	et):	0	acres'	e					
Acidic sed /															Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Brann Sean
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	مر: مر ا	a (ab	- 		. н).	I	o acr	00*	ļ		I		1		
Acidic sed /	Alpir	ie (abo	ove 3,	250 TE	et):	I	() aci	62	1	I I	1			1	Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															

25,960.1 Acres

Minimum

1,197.6

Elevation summary (values in feet):

Maximum

2,099.8

Name: Kinzua West

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

County and a	<u>state:</u>
Cattaraugus	NY
Warren	PA

Map unit and subsection name:

212Ga Allegheny High Plateau



Distance (miles): 0.0



Mean

1,653.6

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

Managed Area within block (acr	9,108.1	
Percentage of block in managed area	:	35.1
10 Largest managed areas: Name, O	d 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

Minor blocks comprising matrix block: 6 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 + 04Number of minor road bounded blocks within, by acreage: 0-500 500-1000 1000-2000 2000-5000 5000-10000 10000 +5 0 0 0 0 1 LINE FEATURES: Border Miles **Interior lines** Miles Mi/1K acres 41.2 Road or street 1.6 Local route 2.5 Road or street 33.6 37.1 Shoreline Pipeline 0.0 **Aquatic summary:** Streams 45.4 1.7 Streams selected for portfolio: 10.4 0.4 Viable, primary target Element Occurrences:

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

Tier 2

Range

902.3

ECOLOGICAL LAND UNITS: Acreage occurring in Kinzua West

	Landforms:		n 6 :	Flat	Flat Side		Side			Wet /	/ Dry	Dry	Dry	Dry	
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope		slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	o <mark>n (</mark> be	low 1	,000	feet):		0 ac	res (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	- 2,00	D0 fee	et):	24,185	acres'	*	1				
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
Mod. calcareous sed / Calc shale															grain sed: 285
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															4,882
	Mid	elevat	ion (2	.000 -	2.50)0 fee	t):	1,386	acres*						
Acidic sed /			 	77	66	24		31		1			1		Fine grain
metased								01							sediment:
Acidic shale					2	8	2								_
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															1,143
Ultramafic															
	High	i eleva	tion (2,500	- 3,2	50 fe	et):	0	acres*	k					
Acidic sed / metased															Fine grain sediment:
Acidic shale															seament.
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															una (num.
Ultramafic															
Acidic sed /	Alpir	ne (abo	ove 3,	250 fe	eet):		0 acr	es*							Fine grain
metased															sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															-
Acidic granitic															Residuum,
Mafic / Inter-														_	colluvium, alluvium:
mediate granitic Ultramafic						<u> </u>									unu viunn.

Name: Kittatinny

28,051.1 Acres

ELU Group: B1a

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

County and state: Warren NJ Map unit and subsection name:221BdKittatinny-Shawangunk Ridges

Minimum



Mean

Distance (miles): 7.1

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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

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 1,062.1 STA Sunfish Pond - Na Sf STA 263.0 Delaware Water Gap - Nra FED 20.0Earl 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

	-										
298.6	1,578.2	1,279.6	938.4	4							
Minor blocks comprising matrix block: 130											
Maximum acrea	ge of minor	road block withi	n: 9427	.4							
Average acreage	e of minor r	oad block within:	33	31							
Std Dev in acres	of minor re	oad block within:	110	00							
Number of mind	or road boun	ded blocks within	n, by acreage:								
<u>0-500</u> <u>500-100</u>	<u>0 1000-20</u>	<u>00</u> <u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>							
126 8	2	4	2	0							
LINE FEATUR	ES:										
Border	Miles	Interior lines	<u>Miles</u> M	li/1K acres							
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							
Aquatic summ	ary:	Surgants	30. 4	Q.9							
Strea	ms selected	for portfolio:									

Tier¹

Range

Viable, primary target Element Occurrences: 5

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

Elevation summary (values in feet):

Maximum

ECOLOGICAL LAND UNITS: Acreage occurring in Kittatinny

	La	ndfo	r ms :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000,	feet):	20	,027 ac	cres (* Ma	iy include	open wa	nter not rep	orted below)	
Acidic sed / metased	2	27		210	47	1,030	1,657	213	155	487	95		297		Fine grain sediment:
Acidic shale		8		68	89	376	276	822	725	767	227	6,303	82		
Calcareous sed						11	2	26	11	19	37	113	21		Coarse
Mod. calcareous sed / Calc shale						34	23	122	61	203	904	2,163			grain sed: 1,035
Acidic granitic Mafic / Inter- mediate granitic															Residuum, colluvium, alluvium:
Ultramafic															
A · 1 · 1 /	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	7,346	acres	*			1 1		
Acidic sed / metased		23	5	1,217	640	1,368	438	664	193		60		1,241		Fine grain sediment:
Acidic shale				18		163	124	119	430	61	15	16	151		Comme
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
A sidia and /	Mid	elevat	ion (2	,000 -	2,50	00 fee	et):	0 8	acres*						F'
Acidic sed / metased															Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Hiah	eleva	tion (2,500	- 3.2	50 fe	et):	0	acres'	÷					
Acidic sed / metased					- ,-										Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:
Oluanare	A I :			250 fe			0.00r	00*							
Acidic sed / metased	Alpir	ne (abo	ove 3,	250 fe	et):		o acr	es							Fine grain sediment:
Acidic shale															seument.
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

Name: Larry's Creek

20,380.0 Acres Tier 2

ELU Group: B1b1

Perimeter/area ratio (*1000; lower is better): 0.607 Nearest Matrix block: Gray's Run/McIntyre Distance (miles): 7.6

County and state: Lycoming PA			bsection name: eny Deep Valleys			N se	The Nature Conservancy wing the Last Great Pla	/s Natur	réServe
Land Cover Summary:			Elevation s	umma	ary (valu	ies in fe	<u>et):</u>		
NATURAL COVER:	Acres	Percent	<u>Minimum</u>]	Maximun	<u>n F</u>	<u>Range</u>	Mean	
Deciduous forest	10,719.6	52.6	695.6		1,998.1	1	,302.6	1,348.5	
Coniferous forest	1,796.5	8.8							
Mixed forest	6,840.0	33.6	N/ 11 1						
Emergent herbaceous wetland	5.3	0.0	Minor bloc	ks cor	nprising	matrix	block:	-	1
Forested wetland	0.0	0.0	Maximum ac	creage	of minor	road blo	ck within:	20371.	6
Open water	6.4	0.0	Average acre	eage of	f minor ro	ad block	within:	2E+0	4
Transitional barren	1.1	0.0	Std Dev in a	cres of	f minor ro	ad block	within:		
Bare rock / sand	0.0	0.0	Number of m	ninor r	oad boun	ded block	e within h	acreade.	
Total natural cover	19,368.9	95.1					•	•	
DEVELOPED COVER:			<u>0-500</u> <u>500-1</u>	0	1000-200	<u> 2000</u>		0-10000	<u>1000</u>
Agriculture	865.5	4.3	2	0	0		0	0	1
Residential, commercial, indust.	142.0	0.7	LINE FEAT						
Total developed cover	1,007.5	4.9	Border		<u>Ailes</u>			Miles M	
F	-,		Local route		16.3		or street	17.1	0.8
			Road or stree	et	14.8	Shore	line	0.6	0.0
Managed Area within block	(acres):	2,801.4							
Percentage of block in managed	area:	13.7							
10 Largest managed areas: Nam		d Acreage:							
Gameland 44	STA	2,801.4	Aquatic sur	nmar	T 7•	Stream	2 6	22.1	1.0
								32.1	1.6
			5	treams	s selected	for portion	0110:		
			<u>Viable, prir</u>	nary	target E	lement (Occurrence	es:	
			Animals	Inve	rtebrates	Plants	<u>Nonvascular</u> plants		unities
			0		0	0	0		0
			U		U	0	U		0
Comments (from expert inte	ruioura foll	2000)+							

Biodiversity features Disturbance history Second growth

Ownership State; hunt clubs and farmland

	La	ndfo	r ms :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	r sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):	1	,826 ac	res (* M	ay include	open wa	ter not rep	orted below)	
Acidic sed / metased		15		61	39	127	168	185	242	419	16	235	15		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium.
Mafic / Inter- mediate granitic															alluvium;
Ultramafic															
A . 1. 1 /	Low	elevat	ion (1	,000	- 2,00	00 fee	et):	18,575	acres'	r 	1		1 1		
Acidic sed / metased	3	384	13	1,222	453	1,275	1,160	1,360	1,497	1,048	27	3,436	55		Fine grain sediment:
Acidic shale															Comme
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale		32	11	629	313	674	258	575	293	332		2,419			gruin seu.
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	.000 ·	- 2,50)0 fee	et):	0	acres*						
Acidic sed / metased			- x												Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Hiah	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres*						
Acidic sed / metased				•											Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3,	250 fe	eet):		o acr	es*							
Acidic sed / metased	•	•													Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic														_	Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic	_														

ECOLOGICAL LAND UNITS: Acreage occurring in Larry's Creek

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:	<u>M</u>	ap unit and s	ubsection name:		62	The		<u>,</u>
McKean PA	21	2Ga Alleg	heny High Plateau		s	Conservance wing the Lass Great P	ye Natur	réServe
Land Cover Summary:			Elevation s	ummary (va	lues in fe	et):		
NATURAL COVER:	Acres	Percent	<u>Minimum</u>	Maximu	<u>ım</u>	Range	Mean	
Deciduous forest	25,459.2	67.5	1,397.7	2,300.0)	902.3	1,850.5	
Coniferous forest	2,426.9	6.4						
Mixed forest	9,362.2	24.8	N.C. 11 1					
Emergent herbaceous wetland	1.1	0.0	Minor block	<u>ks comprisin</u>	ig matrix	DIOCK:	20	0
Forested wetland	0.0	0.0	Maximum ac	creage of mino	or road blo	ock within:	19096.	6
Open water	98.3	0.3	Average acre	eage of minor	road bloc	k within:	188	0
Transitional barren	46.5	0.1	Std Dev in a	cres of minor	road blocl	c within:	446	0
Bare rock / sand	0.0	0.0	Number of m	ninor road bou	nded bloc	ks within h	w acreage.	
Total natural cover	37,394.2	99.2	0-500 500-1)00-10000	1000
DEVELOPED COVER:			<u>0-300</u> <u>300-1</u> 18	0 0		<u>0-3000 30</u> 2	2	<u>1000</u> 1
Agriculture	274.4	0.7	10	0 0		2	2	1
Residential, commercial, indu	st. 28.0	0.1	LINE FEAT		T (• /4 17
Total developed cover	302.4	0.8	<u>Border</u> Local route	<u>Miles</u> 15.2		rior lines or street	<u>Miles</u> <u>M</u> 65.3	<u>1/1K ac</u> 1.7
			Road or stree	et 11.8	Shor	eline	3.6	0.1
Managed Area within bloc	<u>ek (acres):</u>	27,408.4	Pipeline	2.1	I			
Percentage of block in manag	ged area:	72.7						
10 Largest managed areas: Na	ame, Owner, a	nd Acreage:						
Allegheny National Forest	FED	27,408.4	Aquatic sur	nmary:	Strea	ms	68.0	1.8
			S	treams selecte	d for port	folio:		
			<u>Viable, prir</u>	nary target]	Element	Occurrenc	ces:	
			Animals	Invertebrates	<u>Plants</u>	<u>Nonvascula</u> <u>plants</u>	ar	unities
			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

ECOLOGICAL LAND UNITS: Acreage occurring in Marshburg

	La	andfo	r ns :		Flat	Side		Side			Wet /	Drv	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest		r sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	elevati	on (be	elow 1	,000	feet):		0 ac	cres (* M	ay include	open wa	ater not rep	oorted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic	Low	alova	tion (1	000	2.00	20 f o <i>c</i>	\+\.	17.017	acros	*					
Acidic sed /	LOW		tion (1				1	1	acres'						Fine grain
metased Acidic shale		16	5	1,139	268	2,459 18	2,849	2,039	1,990	2,554 414	18 37				sediment:
Calcareous sed						10	04	40	50	414	51				Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															748
	Mid	alavat	ion (2	000	2 50))) foo	ׂ .+\. ס	0,659 ä	acros*	I I	I		1		
Acidic sed /	wita	eleval	1011 (2			1		1	i.				1		Fine grain
metased				1,766	1,305	3,028	893	2,135	601	822	27				sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															9,439
Ultramafic															-,
	High	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres'	k					
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															and vium.
	Alpir	ne (ab	ove 3,	250 fe	et):		o acr	es*							
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

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

Name: McCarty Hill

21,249.8 Acres

Elevation summary (values in feet):

ELU Group: A1b

Distance (miles): **0.0**

County and s	state:	Map unit and subs	Map unit and subsection name:				
Cattaraugus	NY	212Fa Cattaraug	us Highlands	Nature Conservancy.	NaturéServe		
	2120	212Ga Allegheny	/ High Plateau	Saving the Last Great Places	Natureserve		

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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 (acr	<u>es):</u>	5,908.9
Percentage of block in managed area	ı:	27.8
10 Largest managed areas: Name, O	wner, and	d Acreage:
Mccarthy Hill	STA	2,980.3
Rock City	STA	2,928.6

<u>Minimum</u>	<u>Maximur</u>	<u>n Range</u>	Me	an_							
1,384.6	2,309.8	925.2	1,84	7.2							
Minor blocks comprising matrix block: 40											
Maximum acrea	ge of minor	road block withi	n: 6	076							
Average acreage	of minor re	bad block within:		578							
Std Dev in acres	of minor ro	oad block within:	1	380							
Number of mino	r road boun	ded blocks within	n, by acreag	ge:							
<u>0-500</u> <u>500-1000</u>	<u>1000-20</u>	<u>00</u> <u>2000-5000</u>	<u>5000-1000</u>	<u>)0 10000+</u>							
34 0	3	3	1	0							
LINE FEATURI	ES:										
<u>Border</u>	Miles	Interior lines	Miles	Mi/1K acres							
Secondary route	5.0	Secondary rou	ute 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							
Aquatic summ	ary:	Streams	23.3	1.1							
Strea	ms selected	for portfolio:									

Tier 2

Viable, primary target Element Occurrences:

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

<u>Comments (from expert interviews, fall 2000):</u>

Communities	??
Biodiversity features	
Disturbance history	Airport proposed; golf course at edge; ski area nearby

Ownership 6K state land

ECOLOGICAL LAND UNITS: Acreage occurring in McCarty Hill

	La	andfo	rms:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	o <mark>n (</mark> be	low 1	,000	feet):		0 ac	res (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic	Low	اورروام	tion (1	,000 -	. 2 00	10 foc	\ \ \	13,769	acres	k					
Acidic sed /	LOW			Ē [- 2,00		1		1						Fine grain
metased		8		69		232	403	18	135	44			11		sediment:
Acidic shale	13	108	19	1,178	102	1,510	2,016	1,533	1,737	1,931	132	326	37	322	
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 1,020
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2 50)0 fee	+)∙	7,483 8	acres*		1				
Acidic sed / metased	iiiia		8	719	453	1,056	396		214	31		707	127	791	Fine grain sediment:
Acidic shale	5	5	39	838	311	298	64	411	93	23		34	42	153	
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															100
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
	High	م ام	tion (2,500	_ 2 2	50 fo	۰۱۰	0	acres*	۱ ۱ ۲	1		1		
Acidic sed /	ingi			2,300	- 3,2	3010	erj.	U		1 1			1		Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															
Ultramafic															
	Alpir	ne (abo	ove 3,	250 fe	et):		o acr	es*							
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															unuviuiii.

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:		ap unit and su	bsection name:	The X		<u>)</u>	
Sullivan NY	212Fc Eastern Allegheny Plateau				Saving the Lase Great	rCy⊛ Places Natur	réServe
Land Cover Summary:			Elevation sum	<u>mary (value</u>	es in feet):		
NATURAL COVER:	Acres	Percent	Minimum	Maximum	Range	Mean	
Deciduous forest	7,537.2	39.1	1,000.7	1,401.0	400.3	1,200.8	
Coniferous forest	2,590.0	13.4	,	,		,	
Mixed forest	7,878.4	40.9					
Emergent herbaceous wetland	28.9	0.2	Minor blocks	comprising 1	<u>matrix block:</u>	,	7
Forested wetland	482.4	2.5	Maximum acrea	age of minor 1	road block within:	15511.	7
Open water	501.0	2.6	Average acreag	e of minor roa	ad block within:	271	0
Transitional barren	0.0	0.0	Std Dev in acre	s of minor roa	ad block within:	578	0
Bare rock / sand	0.0	0.0					•
Total natural cover	19,017.9	98.7			ed blocks within,		10000
DEVELOPED COVER:			<u>0-500</u> <u>500-100</u>			000-10000	<u>10000+</u>
Agriculture	165.7	0.9	12 0	0	1	0	1
Residential, commercial, indust.	77.0	0.4	LINE FEATUR				
Total developed cover	242.7	1.3	Border	<u>Miles</u>	Interior lines	<u>Miles</u> M	
	212.7	1.5	Local route	7.8	Road or street	26.1	1.4
			Road or street	24.8	Shoreline	43.1	2.2
Managed Area within block	(acres):	5,794.2	Shoreline	0.1	Airport	0.3	0.0
Percentage of block in managed	area:	30.1		ľ			
10 Largest managed areas: Name	e, Owner, ar	nd Acreage:					
Mongaup Valley Wma	STA	4,010.4	Aquatic summ	narv:	Streams	42.5	2.2
Mongaup Valley Wma	STA	1,030.1				12.0	2.2
			Stree	ams selected f	or portfolio.		

Streams selected for portfolio:

Viable, primary target Element Occurrences:

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

Comments (from expert interviews, fall 2000):

Mongaup Valley Wma

Mongaup Valley Wma

Mongaup Valley Wma

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

STA

STA

STA

753.0

0.4

0.3

	La	andfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)		moist	•	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	elevatio	on (be	low 1	,000	feet):		0 ac	cres (* Ma	iy include	open wa	iter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															
Ultrainanc	1			000	2.0		. 1)	40.000	oorool	*					
Acidic sed /	LOW	elevat	tion (1					18,288	1	1			1		Fine grain
metased				161	316	961	403	746	237	1,118	1,550	11,845	156		sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															una (nam.
Ultramafic															
	Mid	elevat	ion (2	,000 -	2,50	00 fee	et):	0	acres*						
Acidic sed / metased															Fine grain sediment:
Acidic shale															sediment.
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															0
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	High	eleva	tion (2	2,500	- 3,2	250 fe	et):	0	acres'	k					
Acidic sed /	Ŭ														Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale Acidic granitic															Residuum.
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alnir	na (ah	ove 3,	250 fc	۰۱۰م	I	o acr	es*	1	1 1	I			I	
Acidic sed /	Арп		UVE 3,.	23016	ei).		0 001								Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Deciduum
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															

ECOLOGICAL LAND UNITS: Acreage occurring in Mongaup

Name: Mountain Springs

89,513.5 Acres

Elevation summary (values in feet):

0

4

0

6

0

Tier 1

ELU Group: B1b1

Distance (miles): **0.0**

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

County and	state:	Map unit and subsection name:	Nature 2	
Luzerne	PA	212Fa Cattaraugus Highlands	Conscienting	NaturéServe
Sullivan	PA	212Fb Central Allegheny Plateau	Saving the Last Great Places	Natureserve
Wyoming	PA			

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

Managed Area	within block	(acres):	51,729.8

Percentage of block in managed as	57.8	
10 Largest managed areas: Name,	Owner, ar	nd 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

Minimu	m	Maximur	<u>n</u>	<u>Range</u>	Me	ean				
797.	3	2,316.4		1,519.1	1,55	55.2				
<u>Minor l</u>	Minor blocks comprising matrix block: 30									
Maximu	m acreage	e of minor	road blo	ock with	in: 224	66.9				
Average	acreage of	of minor re	oad bloc	k within:	: 2	2960				
Std Dev	in acres o	of minor ro	oad blocl	k within:	(5620				
Number	of minor	road boun	ded bloc	ks withi	n, by acrea	ge:				
<u>0-500</u> 5	00-1000	<u>1000-20</u>	<u>00</u> <u>200</u>	0-5000	<u>5000-100</u>	<u>00</u> <u>10000+</u>				
57	0	1		2	2	3				
LINE FE	EATURES	S:								
Border		Miles	Inter	rior line	<u>s</u> <u>Miles</u>	Mi/1K acres				
Local ro	ute	14.5	Road	l or stree	t 89.9	0 1.0				
Road or	street	47.2	Shor	eline	28.8	8 0.3				
Shorelin	e	1.1	Railr	oad	4.9	0.1				
Railroad	l	1.7	<u>'</u>							
<u>Aquatic</u>	<u>summa</u>	<u>ry:</u>	Strea	ums	160.4	1.8				
	Stream	s selected	for port	folio:	91.1	1.0				
<u>Viable,</u>	primary	target E	lement	Occurr	ences:	10				
Anin	nals <u>Inve</u>	ertebrates	<u>Plants</u>	<u>Nonvas</u> <u>plar</u>		ommunities				

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 loged in past
Ownership	State land

$\textbf{ECOLOGICAL LAND UNITS:} \ Acreage \ occurring \ in \ \ Mountain \ Springs$

	La	ndfo	forms:		Flat	Side		Side			Wet	et / Dry	Dry	Dry	Dry
Bedrock Geology:		slope	Slope crest levatio	slope	sum mit	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist flat	flat: till	flat: patchy	flat: exposed	flat: Surficial
Acidic sed /	very	8	levati			1		1						orted below)	Fine grain
metased Acidic shale		0		0		81	416	11	66	859	119	155	52		sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 61
Acidic granitic Mafic / Inter- mediate granitic															Residuum, colluvium, alluvium:
Ultramafic															
Acidic sed /	Low	elevat	tion (1	,000 -	- 2,0	00 fee	et):	36,968	acres'	*					Eine anein
Acidic sed / metased Acidic shale	13	753	35	2,405	400	5,995	8,079	3,429	3,942	3,721	564	3,006	803		Fine grain sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale		10		42	2	74	45	15	5	13	8	113			grain sed: 3
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
A . 1. 1 /	Mid	elevat	ion (2	,000 -	- 2,50	00 fee	t): 5	0,303 a	acres*						.
Acidic sed / metased Acidic shale		3	50	2,604	1,244	1,894	704	1,373	492	943	2,029	19,479	10,849		Fine grain sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale		2	11	234	235	282	45	90	18	93	142	4,595	824		grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium:
Ultramatic															
A • 1 • 1 /	High	eleva	tion (2,500	- 3,2	250 fe	et):	0	acres*	¢.					
Acidic sed / metased Acidic shale															Fine grain sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Alpin	ne (abo	ove 3,	250 fe	eet):		o acr	es*							
Acidic sed / metased															Fine grain sediment:
Acidic shale															Coarse
Calcareous sed Mod. calcareous															grain sed:
sed / Calc shale															0
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															anuviülli.

30,364.0 Acres

Name: Neversink Unique Area

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

County and	<u>state:</u>	Map unit and subsection	on name:	The Nature	
Orange	NY	212Fc Eastern Alleg	heny Plateau	COMPCOM 1714/01	NaturéServ
Sullivan	NY	221Bd Kittatinny-Sh	awangunk Ridges	Saving the Last Great Places	Natureserv

Land Cover Summary:

NATURAL COVER:	Acres	Percent
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 (a	5,262.4	
Percentage of block in managed an	17.3	
10 Largest managed areas: Name,	Owner, an	d 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): Minimum Maximum Range Mean 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: 5000-10000 0-500 500-1000 1000-2000 2000-5000 10000+ 22 0 0 0 1 1 LINE FEATURES: **Interior lines** Miles Mi/1K acres Border Miles Road or street 34.6 1.1 Interstate highw 1.8 6.5 Shoreline 0.2 Secondary route 4.8 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 Nonvascular Animals Invertebrates Plants **Communities** <u>plants</u>

0

0

0

0

1

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

Distance (mile

Tier 1



es): **4.3**

ELU Group: B1a

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in} \ \textbf{Neversink Unique Area}$

	La	ndfo	forns:	16:	Flat	t Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist		flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levatio	on (be	low 1	,000	feet):	4	,931 ac	res (* Ma	ay include	open wa	ater not rep	orted 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
Mod. calcareous sed / Calc shale															grain sed: 359
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic	Low	elevat	ion (1	,000 -	2.00)0 fee	et):	25,415	acres'	k					
Acidic sed /	2011	92	15	1,038	562	2,216	1,417	1,981	1,357	1,541	1 065	10,559	2,456		Fine grain
metased Acidic shale			10	1,000	502	2,210	1,417	1,001	1,007	1,041	1,000	10,000	2,400		sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2,50	00 fee	et):	0 8	acres*						
Acidic sed / metased															Fine grain sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium.
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres'	r					
Acidic sed / metased															Fine grain sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															0
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
Acidic sed /	Alpir	ne (abo	ove 3,2	250 fe	et):		0 acr	es*							Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:

Name: Nine Mile Creek

35,758.4 Acres

ELU Group: A1b

Distance (miles): **0.0**

Mean

1,899.7

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

County and s	state:	<u>Map un</u>	it and subsection name:	The	
Cattaraugus	NY	212Ga	Allegheny High Plateau	Nature Conservancy® Swing the Last Great Places	NaturéServe

Minimum

1,391.1

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	<u>s):</u>	4,152.9
Percentage of block in managed area:		11.6
10 Largest managed areas: Name, Ow	ner, and	d Acreage:
Nine Mile Creek	STA	3,197.6
Windfall Creek	STA	955.3

<u>Minor l</u>	olocks co	mprising	<u>; m</u>	atrix block:			38			
Maximum acreage of minor road block within: 15954.9										
Average	acreage of	of minor ro	oad	block within:		1	110			
Std Dev	in acres o	f minor ro	bad	block within:		2	970			
Number	Number of minor road bounded blocks within, by acreage:									
<u>0-500 500-1000 1000-2000 2000-5000 5000-10000 10000</u>										
32	3	1		1						
LINE FE	EATURES	5:								
Border		Miles		Interior lines	Mil	es	Mi/1K acres			
Seconda	ry route	5.3		Secondary rou	ite	0.6	0.0			
Local ro	ute	2.0		Local route		0.4	0.0			
Road or	street	23.7		Road or street	7	2.9	2.0			
Railroad	l	1.1		Shoreline 1.3 0						
Pipeline		2.5		Pipeline	:	5.5	0.2			
<u>Aquatic</u>	summa	r <u>y:</u>		Storeiachtram	4	9.¢	Q.Q			
	Stream	s selected	for	portfolio.						

Tier 1

Range

1,020.4

Streams selected for portfolio:

Viable, primary target Element Occurrences:

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

Elevation summary (values in feet):

Maximum

2,411.5

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in} \ \textbf{Nine Mile Creek}$

	La	andfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	•	flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levati	on (be	low 1	,000,	feet):		0 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium:
	Low	elevat	tion (1	,000	- 2,00	D0 fee	et):	23,549	acres'	*	1				
Acidic sed / metased				177	93	572	598	261	298	163				71	Fine grain sediment:
Acidic shale		42	11	1,926	334	2,996	3,231	2,685	2,769	3,239	143	314	187	861	
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 790
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium:
Oluanane		_													
Acidic sed /	Mid	elevat	ion (2	,000 -	- 2,50	00 fee	t): 12	2,203 8	acres*						 .
metased			16	1,739	1,115	1,955	612	1,228	604	250			532	1,525	Fine grain sediment:
Acidic shale			5	793	229	446	103	437	97	61		2	135	124	sediment.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Lliab	eleva	tion (2 500	2 2	EO fo		0	acres*	• •	1			I	
Acidic sed /	mgn	i cicva		2,300	- 3,2	.50 Te	ະເງ.	0	40103	1 1	I		1	1	Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:
	Alpin	ne (abo	ove 3.	250 fe	et):		o acr	es*							
Acidic sed / metased	, ub.														Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:

Name: Northern Gunks

32,263.1 Acres

Tier 1

ELU Group: B1b1

Distance (miles): **0.6**

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

County and	<u>d state:</u>	<u>Map uni</u>	t and subsection name:	The	
Ulster	NY	221Bd	Kittatinny-Shawangunk Ridges	Saving the Last Great Places	NaturéServe

9

4

4

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

Managed Area within block (acres): 17,446.3

Percentage of block in managed area:	54.1	
10 Largest managed areas: Name, Ow	d 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

Comments (from expert interviews, fall 2000):

Chestnut oak; Appal oak, Beech maple
Fires, recreational use
OPRHP;TNC/OSI;private: mohonk

Elevation summary (values in feet):										
<u>Minimum</u>	<u>Minimum Maximum Range Mean</u>									
295.3	2,290.1		1,994.8	1,29	2.7					
Minor blocks comprising matrix block: 27										
Maximum acrea	ge of minor	road b	lock withi	in: 287	08.8					
Average acreage	of minor ro	oad blo	ck within:	1	190					
Std Dev in acres	of minor ro	ad blo	ck within:	5	510					
Number of minor road bounded blocks within, by acreage:										
<u>0-500 500-1000 1000-2000 2000-5000 5000-10000 10000</u>										
28 1	28 1 1 0									
LINE FEATURE										
Border	Miles	Inte	erior lines	<u>s</u> <u>Miles</u>	Mi/1K acres					
Secondary route	6.9	Roa	d or street	t 57.4	1.8					
Local route	6.7	Sho	reline	5.1	0.2					
Road or street	37.4	Aer	ial tram	0.3	0.0					
Pipeline	1.3									
Aquatic summ	ary:	Stre	ams	33.1	1.0					
Stream	ms selected	for poi	tfolio:							
<u>Viable, primar</u>	<u>y target E</u>	lemen	t Occurr	ences:	25					
<u>Animals</u> In	vertebrates	<u>Plants</u>	<u>Nonvas</u> plan		mmunities					

0

8

$\textbf{ECOLOGICAL LAND UNITS:} \ Acreage \ occurring \ in \ Northern \ Gunks$

	La	ndfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	elevatio	on (be	low 1	,000	feet):	8	,045 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased Acidic shale	2	169	6	201	10	922	1,371	641	969	366	89	890	1,542		Fine grain sediment: 45
Calcareous sed						6	153		10	119	8		5		Coarse
Mod. calcareous sed / Calc shale							100		10		0				grain sed: 180
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic										 +					
Acidic sed /				,000 -			1	20,778	acres	1					Fine grain
Acidic shale	2	140	48	1,460	406	3,265	2,608	2,485	2,356	807	126		6,176		sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2,50	00 fee	et):	3,281	acres*						
Acidic sed / metased				148	87	163	68	266	111	40	27		2,342		Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium:
	High	eleva	tion (2,500	- 3 2	50 fe	et)∙	0	acres'	k 1	I			I	
Acidic sed / metased	ingi				0,2										Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic Ultramafic															alluvium:
Ultramatic		· .						*							
Acidic sed / metased	Alpin	ne (abo	ove 3,	250 fe	et):		0 acr	es							Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

Name: Panther Mountain

122,116.2 Acres

Elevation summary (values in feet):

ELU Group: B2

Tier 1

Distance (miles): 0.0

County and	<u>d state:</u>	<u>Ma</u>
Sullivan	NY	212
Ulster	NY	M2

ap unit and subsection name:2FcEastern Allegheny Plateau212EaCatskill Mountains

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



Land Cover Summary:

NATURAL COVER:	Acres	Percent
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

ea:	61.0
Owner, ar	nd Acreage:
STA	50,618.7
STA	17,862.6
STA	2,285.1
STA	2,017.5
STA	1,063.8
STA	261.9
STA	186.1
STA	112.9
STA	16.5
STA	15.5
	<u>Owner, ar</u> STA STA STA STA STA STA STA STA

<u>Minin</u>	<u>num</u>	<u>Maximum</u>	Range	Mean	
273	8.9	3,855.2	3,576.3	2,057.2	2
Minor	, blooka oo	monicina	matmix black.		_
MINOI	DIOCKS CO	mprising	<u>matrix block:</u>	3	7
Maxim	num acreage	e of minor 1	oad block with	n: 79064	.6
Averag	ge acreage o	of minor roa	ad block within:	330)0
Std De	v in acres o	f minor roa	d block within:	.E+0)4
Numbe	er of minor	road bound	ed blocks within	n, by acreage:	
0-500	<u>500-1000</u>	1000-200	<u>0 2000-5000</u>	5000-10000	10000+
36	1	0	1	0	2
LINE I	FEATURES	5:			
Borde	<u>r</u>	Miles	Interior line	<u>Miles</u> M	Ii/1K acres
Second	dary route	2.2	Local route	12.4	0.1
Local	route	12.0	Road or stree	t 109.6	0.9
Road o	or street	59.0	Shoreline	2.4	0.0
Railroa	ad	5.7			
Pipelir	ne	3.5			
<u>Aquat</u>	ic summa	ry:	Streams	92.9	0.8
Streams selected for portfolio: 13.9 0.1					0.1
* 7• • •					
<u>Viable</u>	e, primary	target Ele	ement Occurr	ences:	15
			N	1	

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

Comments (from expert interviews, fall 2000):

Communities

Beech maple mesic; Hemlock No. Hardwoods

Biodiversity features

Disturbance history

Ownership Not all protected

ECOLOGICAL LAND UNITS: Acreage occurring in Panther Mountain

	La	Indfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope		Upper slope		slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist flat	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):	12	,786 ac	cres (* Ma	ay include	open wa	ater not rep	ported below)	
Acidic sed / metased		29		76	19	511	1,705	456	688	1,592	195	81	780		Fine grain sediment:
Acidic shale				100	95	376	139	288	127	385	42		1,418		1,273
Calcareous sed					15	32	53	13		156	259	490	430		Coarse
Mod. calcareous sed / Calc shale															grain sed: 135
Acidic granitic Mafic / Inter- mediate granitic															Residuum, colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	51,955	acres	*					
Acidic sed / metased	35	2,326	110	4,757	902	6,409	11,043	5,222	7,433	3,650	809	1,297	5,641		Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale							2	2	6		2	2			grain sed: 129
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	olovat	ion (2	,000 -	. 2 50)0 foo	t)· ੨	1,437 a	acres*	1 1	I		1	1	
Acidic sed / metased	2	1,230	111	5,320	1,120	5,193	-	1	4,137	1,497	164	10	2,986		Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															Residuum.
Acidic granitic Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Lliah	ماميره	tion (2 500	· · ·		at).	22 520	acros	 K					
Acidic sed /	-		I.	2,500		50 fe	1	I	acres'	1 1	I		1	. 1	Fine grain
Acidic sed Acidic shale	6	843	114	4,888	999	3,826	2,600	3,510	2,645	461	132		2,247		sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3,	250 fe	et):	3,3	31 acr	es*							
Acidic sed / metased		185	140	1,352	322	398	53	498	93	27			234		Fine grain sediment:
Acidic shale															G
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

48,170.4 Acres

0

0

Elevation summary (values in feet):

Name: Parker Run

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

County and	l state:	<u>Map uni</u>	t and subsection name:	N The	
Cameron	PA	212Ga	Allegheny High Plateau	Conservancy _*	NaturéServe
McKean	PA	212Gb	Allegheny Deep Valleys	Saving the Last Great Places	Natureserve
Potter	PA				

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

res):	19,131.0					
Percentage of block in managed area: 39						
Owner, ar	nd Acreage:					
STA	11,399.9					
STA	6,863.4					
STA	678.3					
STA	98.2					
STA	91.2					
	ea: <u>Owner, ar</u> STA STA STA STA					

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Minir	<u>num</u>	Maximu	<u>m</u>	Range	Me	ean		
1,09	9.1	2,388.6		1,289.4	1,74	45.5		
Minor	Minor blocks comprising matrix block: 9							
Maxin	num acı	eage of mino	r road	block with	in: 219	983.6		
Avera	ge acrea	ige of minor i	road bl	ock within	: :	5500		
Std De	ev in ac	res of minor 1	oad bl	ock within	: (6990		
Numb	er of mi	nor road bou	nded b	locks withi	n, by acrea	.ge:		
<u>0-500</u>	<u>500-10</u>	<u> </u>	<u>)00 2</u>	2000-5000	<u>5000-100</u>	<u>00 10000+</u>		
8	(0 0		2	3	1		
LINE	FEATU	RES:						
<u>Borde</u>	<u>er</u>	Miles	In	terior line	<u>s</u> <u>Miles</u>	Mi/1K acres		
Local	route	2.5	Re	oad or stree	et 61.9	9 1.3		
Road	or street	18.8	Sł	oreline	0.6	5 0.0		
Railro	ad	6.6	Ra	ailroad	0.1	0.0		
			ļ					
<u>Aquat</u>	tic sum	mary:	St	reams	105.2	2 2.2		
	Stı	reams selected	d for p	ortfolio:	23.6	5 0.5		
Viable, primary target Element Occurrences:								
				Nonva				
Ar	<u>imals</u>	Invertebrates	<u>Plan</u>	<u>ts pla</u>	<u>nts</u> <u>Co</u>	ommunities		

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Tier 2

ELU Group: B1b2

Distance (miles): **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

ECOLOGICAL LAND UNITS: Acreage occurring in Parker Run

	Landforns:			forns:			at Side S		Side		Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levati	on (be	low 1	,000,	feet):		0 ac	cres (* M	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	low	elevat	tion (1	.000	- 2.00	D0 fee	et):	33,286	acres'	*	I		1 1		I
Acidic sed /	8	345	239	3,718	1,534	3,998	4,661	3,644	3,097	3,694	293				Fine grain
metased		040	200	0,710	1,004	0,000	4,001	0,044	0,007	0,004	200				sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															4,437
	Mid	alavat	ion (2	000	2 50)0 foo	+\. ₁	4,870 ä	acros*	1 1	I		1 1		
Acidic sed /	IVITO	elevat				I	-	1	i.		1				Fine grain
metased		8	26	1,346	875	1,449	434	1,131	326	596	71				sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															8,142
	Lliak		tion (2 500	2 2	EO fo	<u>_</u> +).	<u>َ</u>	acres*		1				I
Acidic sed /	підп	eleva		2,500	- 3,Z	50 le	er):	0	acres	1 1					Fine grain
metased															sediment:
Acidic shale															5001110110
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3.	250 fe	et):		o acr	es*							
Acidic sed /	/p.i								1						Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-	_														colluvium, alluvium:
mediate granitic															
Ultramafic															

Name: Pine Creek

17,522.3 Acres

Tier 1

ELU Group: B1b1

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

County and s	tate:	<u>Map uni</u>	t and subsection name:	Nature X			
Tioga	PA	212Fa	Cattaraugus Highlands	Saving the Lase Great Places NaturéSer	Mature		
		212Gb	Allegheny Deep Valleys		Natureserve		

Land Cover Summary:

Acres	Percent
12,904.0	73.6
1,452.9	8.3
2,040.7	11.6
27.4	0.2
0.0	0.0
106.7	0.6
18.7	0.1
0.0	0.0
16,550.4	94.4
953.4	5.4
21.8	0.1
975.2	5.6
	12,904.0 1,452.9 2,040.7 27.4 0.0 106.7 18.7 0.0 16,550.4 953.4 21.8

Managed Area within block (acres):	11,592.4
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Percentage of block in managed an	rea:	66.2
10 Largest managed areas: Name,	Owner, and	d 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

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

Elevation summary (values in feet):									
<u>Minimum Maximum Range</u>						Mean			
899.0		2,099.8		1,200.8	1,	499.4			
Minor blocks comprising matrix block: 6									
Maximum a	acreage	of minor	roa	d block withi	in: 1:	5103.′	7		
Average act	reage of	minor re	bad	block within:		4230	C		
Std Dev in	acres of	minor ro	bad	block within:		6320	0		
Number of minor road bounded blocks within, by acreage:									
<u>0-500</u> <u>500</u>	-1000	1000-20	00	2000-5000	5000-10	0000	<u>10000+</u>		
3	0	1		0	1		1		
LINE FEAT									
<u>Border</u>	$\underline{\mathbf{N}}$	liles		Interior lines	<u>s Mile</u>	<u>s</u> <u>M</u>	i/1K acres		
Local route		4.3		Local route	1	.0	0.1		
Road or stre	eet :	33.0		Road or street	t 17	.3	1.0		
Railroad		10.4		Railroad	5	5.4	0.3		
		I							
Aquatic su	mmary	<u>/:</u>		Streams	32	.1	1.8		
Streams selected for portfolio: 15.2 0.9							0.9		

Viable, primary target Element Occurrences:

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

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in} \ \textbf{Pine Creek}$

	Landf		r m5 :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)		Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geol ogy:	Very	low e	levatio	on (be	low 1	,000,	feet):	1	,218 ac	res (* Ma	ay include	open wa	ater not rep	ported below)	
Acidic sed / metased					2	6	5	21	189	648	32		45		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 50
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	.000 -	- 2.00	D0 fee	et):	15,956	acres	*	1		1	I	
Acidic sed / metased	92	1,147	169	1,831	674	1,568		1,052	1,230	1 1	79		4,010		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 11
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
C In an and	N 41 - 1				0 50						l		I		
Acidic sed /	Mid	elevat	ion (2	- 000, 69	• 2,5 0 47	JU fee	et):	321 18	acres*	[[187		Fine grain
metased															sediment:
Acidic shale															Caaraa
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium,
Mafic / Inter-															alluvium:
mediate granitic Ultramafic															
Ultramatic															
	High	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres'	ł					
Acidic sed / metased															Fine grain sediment:
Acidic shale															_
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium.
Mafic / Inter- mediate granitic															alluvium;
Ultramafic															
Acidic sed /	Alpir	ne (abo	ove 3,	250 fe	eet):		0 acr	es*		[[Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															anuviulli.
Ultramafic															

Name: Quehanna

98,671.4 Acres

Elevation summary (values in feet):

vancy

at Places

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

County and	state:	<u>Map un</u>	Nature	
Cameron	PA	212Gb	Allegheny Deep Valleys	Nature Conserv
Clearfield	PA			Saving the Last G
Clinton	PA			
Elk	PA			

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

Managed Area within block (acre	<u>s):</u>	46,832.0
Percentage of block in managed area:		47.5
10 Largest managed areas: Name, Ow	vner, ar	nd 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

<u>Minimum</u>	Maximur	<u>n R</u>	ange	Me	an		
856.3	2,296.7	1,	440.4	1,58	31.4		
Minor block	s comprising	matrix	block:		59		
Maximum acr	eage of minor	road bloc	k withi	n: 276	75.8		
Average acrea	ge of minor ro	oad block	within:	2	2370		
Std Dev in act	es of minor ro	ad block	within:	2	1640		
Number of mi	nor road boun	ded block	s withir	n, by acrea	ge:		
<u>0-500</u> <u>500-10</u>	000 1000-20	<u>00</u> <u>2000</u>	-5000	<u>5000-100</u>	<u>00 10000+</u>		
35 5	5 5		4	8	3		
LINE FEATU	RES:						
<u>Border</u>	Miles	Interi	or lines	<u>Miles</u>	Mi/1K acres		
Road or street	15.2	Road of	or street	151.7	1.5		
Railroad	13.6	Shorel	ine	0.2	0.0		
Pipeline	2.3	Pipeliı	ne	33.2	0.3		
Aquatic sum	mary:	Stream	18	175.4	1.8		
Str	eams selected	for portfo	lio:	2.4	0.0		
<u>Viable, prim</u>	Viable, primary target Element Occurrences: 2						
Animals	Invertebrates	<u>Plants</u>	<u>Nonvas</u> <u>plan</u>		mmunities		
0	0	0	()	2		

<u>Comments (from expert interviews, fall 2000):</u>

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

Tier 2

Distance (miles): **0.0**

NaturéServe

ELU Group: B1b2

Lan		andforns:			Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	· sum		Cove (NE)	slope (SW)		Slope bottom	moist		flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):	1	,568 ac	cres (* Ma	ay include	open w	ater not rep	oorted below)	
Acidic sed / metased Acidic shale		3				32	334		23	759	55				Fine grain sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic Mafic / Inter- mediate granitic Ultramafic															Residuum, colluvium, alluvium: 222
Oluainane	Low	alavat	tion (1	000	2 0		\ \+\.	74 172	acres	*					
Acidic sed /				,000				1	1		4 500				Fine grain
metased Acidic shale	153	3,591	463	5,691	2,255	5,091	7,900	2,775	3,357	4,190	1,500				sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															30,925
	Mid	elevat	ion (2	,000 -	- 2,50)0 fee	e t): 2	2,119	acres*						
Acidic sed / metased			55	991	782	898	242	530	147	300	282				Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic Ultramafic															alluvium: 17,191
Ultrainanc		_													
A · 1· 1 /	High	eleva	tion (2,500	- 3,2	50 fe	et):	0	acres'	ĸ					
Acidic sed / metased															Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic	A 1	/ . 1.						~~*							
Acidic sed / metased	Alpir	ne (abo	ove 3,	250 f€	et):		0 acr	es							Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

ECOLOGICAL LAND UNITS: Acreage occurring in Quehanna

Minimum

1,263.2

Name: Rattlesnake Hill

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

County and	<u>l state:</u>
Allegany	NY
Livingston	NY

Map unit and subsection name:

212Fa Cattaraugus Highlands



Mean

1,633.9

Conservancy. NaturéServe ng the Last Great Places

Range

738.2

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

Managed Area within block (acres): 7,540.7

Percentage of block in managed an	rea:	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

	, ·		,				
Minor blocks	comprising	<u>matrix block:</u>	2	1			
Maximum acre	eage of minor	road block withi	in: 3966	.5			
Average acrea	ge of minor re	oad block within:	121	0			
Std Dev in acr	es of minor ro	oad block within:	124	0			
Number of min	or road boun	ded blocks within	n, by acreage:				
<u>0-500 500-10</u>	<u>00 1000-20</u>	<u>00</u> <u>2000-5000</u>	5000-10000	10000+			
10 6	3	5	0	0			
LINE FEATU	RES:						
<u>Border</u>	Miles	Interior lines	<u>Miles</u> M	i/1K acres			
Local route	9.3	Local route	0.7	0.0			
Road or street	16.1	Road or street	t 37.5	1.8			
		Shoreline	1.2	0.1			
		Airport	0.4	0.0			
Aquatic summary: Streams 33.8 1.6							
Streams selected for portfolio:							

Viable, primary target Element Occurrences:

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

Comments (from expert interviews, fall 2000):

Communities	
Biodiversity features	Trout streams; rattlesnakes; black bear, snowshoe hare
Disturbance history	Conifer platations; state land logged
Ownership	WMAs 5150A; TNC easement underway

20,631.0 Acres

Elevation summary (values in feet):

Maximum

2,001.4

Tier¹

ELU Group: A1a

ECOLOGICAL LAND UNITS: Acreage occurring in Rattlesnake Hill

]		ndfo	r 115 :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	o <mark>n (</mark> be	low 1	,000,	feet):		0 ac	cres (* Ma	ay include	open wa	ter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	20,648	acres	*					
Acidic sed / metased				26	6	224	192	140	81	288	197	197			Fine grain sediment:
Acidic shale				425	359	1,828	678	2,082	1,336	1,586	242	7,950			a
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															grani sed. 1,418
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2.50)0 fee	t):	3 8	acres*						
Acidic sed / metased		orovat		,	2,00										Fine grain sediment:
Acidic shale												3			
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	High	eleva	tion (2,500	- 3 2	50 fe	et).	0	acres'	*					
Acidic sed /		0.014			0/=					1 1				1	Fine grain
metased Acidic shale															sediment:
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															una viani.
Ultramafic															
Asidia and (Alpin	ie (abo	ove 3,	250 fe	et):		o acr	es*							P'
Acidic sed / metased															Fine grain sediment:
Acidic shale															seament.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic		_													

Name: Red House Run

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

<u>County an</u>	d state:	Nature			
Steuben	NY	212Fa	Cattaraugus Highlands	Nature Conservancy _® Nature	_
Tioga	PA			Saving the Last Great Places	a

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

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

1,177	.0	2,100.0	200.1	1,07.							
<u>Minor</u>	Minor blocks comprising matrix block:										
Maxim	um acreage	e of minor	road block with	in: 1712	25.3						
Averag	e acreage o	of minor ro	ad block within:	: !E-	+04						
Std De	v in acres o	of minor roa	ad block within:								
Numbe	r of minor	road bound	led blocks withi	n, by acreag	e:						
<u>0-500</u>	500-1000	1000-200	0 2000-5000	5000-1000	<u>0 10000+</u>						
0	0	0	0	0	1						
LINE F	FEATURES	5:									
Borde	<u>r</u>	Miles	Interior line	<u>s Miles</u>	Mi/1K acres						
Local r	oute	10.1	Local route	0.4	0.0						
Road o	r street	24.8	Road or stree	t 19.3	1.1						
Railroa	ıd	0.6	Railroad	1.5	0.1						
			Pipeline	1.6	0.1						
Aquatic summary: Streams 30.2 1.8											
Streams selected for portfolio:											

Range

958.1

Viable, primary target Element Occurrences:

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

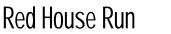
Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership



17,125.3 Acres

Minimum

1,197.6

Elevation summary (values in feet):

Maximum

2,155.6

Tier 2 ELU Group: A2a

Distance (miles): 15.1



Mean

1,673.3

ECOLOGICAL LAND UNITS: Acreage occurring in Red House Run Landforms:

	La	andfor	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat:	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	res (* M	ay include	e open wa	ter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	,000 -	2,00	00 fee	et):	16,153	acres'	÷					
Acidic sed / metased				637	213	940	485	1,581	859	769	52	400	311		Fine grain sediment:
Acidic shale				195	230	1,015	376	653	395	1,457	746	2,627	203		
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 832
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2.50)0 fee	et):	849 8	acres*						
Acidic sed / metased				187	150	81	2		2			100	15		Fine grain sediment:
Acidic shale				13	48	37		31		8		92			
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
														l	
A . 1. 1 /	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres*						 .
Acidic sed / metased															Fine grain sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum, colluvium.
Mafic / Inter- mediate granitic Ultramafic															alluvium:
Oluainane											l				
Acidic sed / metased	Alpir	ne (abo	ove 3,	250 fe	et):		0 acr	es*							Fine grain sediment:
Acidic shale															seument:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

Name: Schuyler County State Lands

48,050.2 Acres

Elevation summary (values in feet):

ELU Group: A2a

Tier 2

Distance (miles): 10.1

<u>County</u>	and state:
Schuyler	NY
Steuben	NY

Map unit and subsection name:

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

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

Managed Area within block (acres): 19,144.7

Percentage of block in managed a	rea:	39.8
10 Largest managed areas: Name,	Owner, an	d 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

<u>Minimum</u>	Maximur	n <u>Range</u>	Mean				
1,099.1	2,001.4	902.3	1,551.9				
Minor blocks	comprising	<u>matrix block:</u>	70)			
Maximum acre	eage of minor	road block withi	n: 3723.:	5			
Average acreas	ge of minor ro	oad block within:	775	5			
Std Dev in acre	es of minor ro	ad block within:	953	3			
Number of mir	or road boun	ded blocks withir	n, by acreage:				
<u>0-500</u> <u>500-10</u>	<u>00 1000-20</u>	<u>00</u> <u>2000-5000</u>	5000-10000	10000+			
39 16	11	8	0	0			
LINE FEATU	RES:						
<u>Border</u>	Miles	Interior lines	Miles Mi	i/1K acres			
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			
Aquatic summary: Streams 70.8 1.5							
Streams selected for portfolio:							
Viable, primary target Element Occurrences:							

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

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features	Good timber production,	roads with closed canopies
------------------------------	-------------------------	----------------------------

Red pine plantations **Disturbance history**

Ownership 9+11K state land

ECOLOGICAL LAND UNITS: Acreage occurring in Schuyler County State Lands

I		Landfor			Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope			Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist		flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000	feet):		0 ac	res (* Ma	ay include	e open wa	iter not rep	oorted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic	Low	alovat	ion (1	000	2.00	DO for	\+\.	18 045	acres*	 *					
Acidic sed /	LOW	elevat					1								Fine grain
metased Acidic shale				867 1,064	653 778	3,666 3,115	1,924 2,280	1,447 2,169	724 1,075	3,099 2,359	806 206	12,767 5,520	68 26		sediment:
Calcareous sed				.,		-,	_,	_,	.,	_,		-,			Coarse
Mod. calcareous sed / Calc shale															grain sed: 740
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	,000 -	2,50)0 fee	et):	3 6	acres*						
Acidic sed / metased					2										Fine grain sediment:
Acidic shale					2										
Calcareous sed Mod. calcareous															Coarse grain sed:
sed / Calc shale															
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres*	r -					
Acidic sed / metased															Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
Acidic sed /	Alpir	ne (abo	ove 3,2	250 fe	et):	I	o acr	es*	I	1 1			1		Fine grain
metased Acidic shale															sediment:
Calcareous sed						<u> </u>						<u> </u>			Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic Mafic / Inter-															Residuum, colluvium,
mediate granitic Ultramafic															alluvium:

Name: Sugarloaf

58,613.8 Acres

Elevation summary (values in feet):

ELU Group: B2

2

0.8

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

County and s	state:	Map unit	t and subsection name:	Nather	
Greene	NY	M212Ea	Catskill Mountains	Conservancy.	NaturéServe
Ulster	NY	212Fc	Eastern Allegheny Plateau	Saving the Last Great Places	Natureserve

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

Managed Area within block (acres): 29,454.1

Percentage of block in managed an	rea:	50.3
10 Largest managed areas: Name,	Owner, ar	nd 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

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: 2000-5000 5000-10000 0-500 500-1000 1000-2000 10000 +61 1 0 0 0 LINE FEATURES: Border Miles **Interior lines** Miles Mi/1K acres

Tier 1

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

Aquatic summary: Streams 49.5

Streams selected for portfolio:

Viable, primary target Element Occurrences: 6

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

ECOLOGICAL LAND UNITS: Acreage occurring in Sugarloaf

	La	andfo	r ms:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep f slope		Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat:	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):	4	,367 ac	res (* M	ay include	open wa	ter not rep	orted below)	
Acidic sed / metased		5					5	102	413	301	11		87		Fine grain sediment:
Acidic shale						145	574	124	184	247	58		519		48
Calcareous sed		8		3		160	674	103	164	93	6		110		Coarse
Mod. calcareous sed / Calc shale															grain sed: 85
Acidic granitic Mafic / Inter- mediate granitic															Residuum, colluvium, alluvium:
Ultramafic		_													
A · 1 · 1 /	Low	elevat	ion (1	,000 -	- 2,00	00 fee	et):	25,180	acres'	r 	1		1 1	1	D
Acidic sed / metased	106	1,272	44	1,218	213	2,095	3,718	2,893	3,645	2,098	574	1,468	1,670		Fine grain sediment:
Acidic shale															Coorres
Calcareous sed Mod. calcareous sed / Calc shale	64	171		3		164	661	193	306	63	3		5		Coarse grain sed: 1,104
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Mid	elevat	ion (2	000 -	. 2 50)0 fee	t)· ₁	6,169 ä	acres*						
Acidic sed / metased	Mild	766	66	1,905	190	2,633	3,204		2,089	669	79	1,674	403		Fine grain sediment:
Acidic shale															
Calcareous sed Mod. calcareous sed / Calc shale															Coarse grain sed: 21
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic Ultramafic															alluvium:
Oluainane															
	High	ı eleva	tion (2,500	- 3,2	50 fe	et):	11,357	acres*						
Acidic sed / metased	18	1,317	269	2,733	421	2,039	1,517	1,313	1,091	177		8	380		Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3,	250 fe	et):	1,5	73 acr	es*							
Acidic sed / metased		172	168	759	230	71	13	137	13				2		Fine grain sediment:
Acidic shale															Coarse
Calcareous sed Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

Name: Tionesta

39,167.3 Acres

ELU Group: B1b2

Distance (miles): 7.1

NaturéServe

County an	d state:
Elk	PA
McKean	PA
Warren	РА

Map unit and subsection name:

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

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
Managed Area within block	(acres):	39,167.3

Percentage of block in managed a	rea:	100.0
10 Largest managed areas: Name,	Owner, an	nd Acreage:
Allegheny National Forest	FED	39,167.3

Elevatior	n summ	ary (valı	ies	in feet):			
<u>Minimum</u>	<u>1</u>	Maximur	<u>n</u>	Range	Me	ean	
1,364.9		2,024.4		659.5	1,69	96.3	
<u>Minor bl</u>	ocks co	mprising	g ma	atrix block:		61	
Maximum	acreage	e of minor	roa	d block withi	in: 79	923.2	
Average acreage of minor road block within: 700							
Std Dev ir	acres o	f minor ro	bad	block within:		1650	
Number of	f minor	road boun	ded	blocks within	n, by acrea	ige:	
<u>0-500</u> <u>50</u>	<u>0-1000</u>	1000-20	00	2000-5000	<u>5000-100</u>	000 10000+	
47	3	4		4	3	0	
LINE FEA	/-	-					
<u>Border</u>]	Miles	-	Interior lines		Mi/1K acres	
Local rout	te	2.8]	Local route	0.1	1 0.0	
Road or st	reet	1.1]	Road or stree	t 112.9	9 2.9	
Railroad		14.6]	Railroad	1.3	3 0.0	
Pipeline		11.4					
Aquatic s	summai	<u>y:</u>		Streams	64.5	5 1.6	
	Stream	s selected	for	portfolio:	2.7	7 0.1	

Tier 1

nun

conservancy.

Viable, primary target Element Occurrences:

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

Comments (from expert interviews, fall 2000):

Communities

Biodiversity features

Disturbance history

Ownership

	La	Indfo	r ns :		Flat	Side		Side			Wet /	Drv	Dry	Dry	Dry
Bedrock	Cliff	Steep slope		Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):		0 ac	res (* Ma	ay include	open wa	iter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															G
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	Low	elevat	ion (1	,000,	- 2,00	00 fee	et):	39,076	acres'	c					
Acidic sed / metased				899	867	3,486	1,878	2,100	936	4,440	442				Fine grain sediment:
Acidic shale				19	11	69	122	66	37	29					
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 664
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium: 20,375
Ultramatic															
	Mid	elevat	ion (2	,000 -	- 2,50	0 fee	et):	76 8	acres*						
Acidic sed / metased					15										Fine grain sediment:
Acidic shale															seanment:
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															8
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															52
	Hiah	eleva	tion (2.500	- 3.2	50 fe	et):	0	acres*						
Acidic sed /	3		\						1						Fine grain
metased															sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															D 1
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
Oluainane			_					+							
Acidic sed /	Alpir	ie (abo	ove 3,	250 fe	eet):		0 acr	es^						[Fine grain
metased															sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															-
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

ECOLOGICAL LAND UNITS: Acreage occurring in Tionesta

Minimum

1,679.9

Name: Tobyhanna

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

ELU Group: B1a

Distance (miles): **11.8**

Mean

1,837.4

County and	state:
Lackawanna	PA
Monroe	PA

Map unit and subsection name:

212Fd Pocono Plateau



Land Cover Summary:

NATURAL COVER:	Acres	Percent
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

Managed Are	ea withi	n block	(acres):	14,860.4
Percentage of	olock in a	managed	area:	91.7
	_		_	

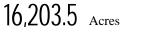
10 Largest managed areas: Name,	Owner, ar	nd Acreage:
Gameland 127	STA	14,779.2
Gameland 127	STA	81.2

Minor bloc	ks co	mprising 1	<u>matrix block:</u>	2	2
Maximum ac	creage	of minor r	oad block withi	n: 18394.	9
Average acre	eage o	f minor roa	ad block within:	920	C
Std Dev in a	cres o	f minor roa	d block within:	E+04	4
Number of n	ninor 1	road bound	ed blocks within	n, by acreage:	
<u>0-500</u> <u>500-</u>	1000	1000-200	<u>0</u> <u>2000-5000</u>	5000-10000	<u>10000+</u>
4	0	0	0	0	1
LINE FEAT	URES	:			
<u>Border</u>	<u>l</u>	Miles	Interior lines	<u>Miles</u> M	i/1K acres
Local route		5.2	Road or street	t 8.8	0.5
Road or stree	et	19.4	Shoreline	3.8	0.2
Shoreline		6.2	Railroad	0.3	0.0
Railroad		0.2			
Aquatic sur	nmar	<u>'y:</u>	Streams	34.3	2.1
S	tream	s selected f	or portfolio:		
Viable, primary target Element Occurrences: 4					
			Nonvas	cular	

<u>Animals</u>	Invertebrates	<u>Plants</u>	<u>Nonvascular</u> <u>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



Elevation summary (values in feet):

Maximum

1,998.1

Tier 2

Range

318.3

Landforns: Dry Dry Flat Side Side Wet / Dry Dry Steep Slope Upper sum slope Cove slope Cove Slope moist flat: flat: flat: flat: Bedrock Cliff slope crest slope mit (NE) (NE) (**SW**) (SW) bottom flat till patchy exposed Surficial Geology: Very low elevation (below 1,000 feet): 0 acres (* May include open water not reported below) Acidic sed / Fine grain metased sediment: Acidic shale Calcareous sed Coarse grain sed: Mod. calcareous sed / Calc shale Residuum, Acidic granitic colluvium. Mafic / Interalluvium: mediate granitic Ultramafic Low elevation (1,000 - 2,000 feet): 16,203 acres' Acidic sed / Fine grain 8 48 2 44 2 93 3,926 10,438 metased sediment: Acidic shale Calcareous sed Coarse grain sed: Mod. calcareous 443 sed / Calc shale Acidic granitic Residuum, colluvium, Mafic / Interalluvium: mediate granitic Ultramafic Mid elevation (2,000 - 2,500 feet): o acres' Acidic sed / Fine grain metased sediment: Acidic shale Calcareous sed Coarse grain sed: Mod. calcareous sed / Calc shale Residuum, Acidic granitic colluvium, Mafic / Interalluvium: mediate granitic Ultramafic High elevation (2,500 - 3,250 feet): 0 acres' Acidic sed / Fine grain metased sediment: Acidic shale Calcareous sed Coarse grain sed: Mod. calcareous sed / Calc shale Residuum, Acidic granitic colluvium, Mafic / Interalluvium: mediate granitic Ultramafic Alpine (above 3,250 feet): o acres* Acidic sed / Fine grain metased sediment: Acidic shale Coarse Calcareous sed grain sed: Mod. calcareous sed / Calc shale Residuum, Acidic granitic colluvium, Mafic / Interalluvium:

ECOLOGICAL LAND UNITS: Acreage occurring in Tobyhanna

mediate granitic Ultramafic

Name: Trout Run

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

County and state:	
Cameron	PA
Elk	PA

Map unit and subsection name:

212Gb Allegheny Deep Valleys



Distance (miles): 0.1



Mean

1,650.3

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

Managed Area within block (acres): 32,755.7

Percentage of block in managed as	rea:	47.1
10 Largest managed areas: Name,	Owner, ar	nd 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

Minor bloc	ks comprising	<u>g matrix block:</u>	1	1
Maximum ac	reage of minor	road block with	in: 49028.	6
Average acre	age of minor r	oad block within:	730	0
Std Dev in ac	cres of minor re	oad block within:	.E+0	4
Number of m	inor road boun	ded blocks within	n, by acreage:	
<u>0-500</u> <u>500-1</u>	000 1000-20	<u>00</u> <u>2000-5000</u>	5000-10000	10000+
6	0 1	3	1	2
LINE FEAT	URES:			
Border	Miles	Interior line	<u>s Miles M</u>	i/1K acres
Local route	16.6	Road or stree	t 93.9	1.4
Road or stree	et 27.2	Shoreline	0.6	0.0
Railroad	1.9	Airport	0.1	0.0
Pipeline	0.8	l		
Aquatic sur	nmary:	Streams	145.7	2.1
St	treams selected	for portfolio:		

Viable, primary target Element Occurrences:

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



69,475.8 Acres

Minimum

997.4

Elevation summary (values in feet):

Maximum

2,300.0

ELU Group: B1b2

Range

1,302.6

ECOLOGICAL LAND UNITS: Acreage occurring in Trout Run

	La	andfo	r ns :		Flat	Side		Side			Wet /	Drv	Dry	Dry	Dry
Bedrock		f slope		slope	• sum mit	slope (NE)	Cove (NE)	slope (SW)	(SW)	Slope bottom	moist flat	flat: till	flat: patchy	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000	feet):		495 ac	res (* Ma	ay include	open wa	ater not rep	orted below)	 .
Acidic sed / metased							3			268	39				Fine grain sediment:
Acidic shale															seament.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium: 93
Ultramafic															
) F == = : F == A	Low	elevat	ion (1	,000 ·	- 2,00	00 fee	et):	58,280	acres'	k	1		1 1		 .
Acidic sed / metased	8	812	160	3,968	1,855	6,624	6,593	5,246	3,927	6,964	282				Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															16,247
	Mid	elevat	ion (2	.000 -	2.50)0 fee	t): 1	0,687	acres*		,				
Acidic sed /	iiiia	11	31	1,829	1,226	1,479	274	1		185			1		Fine grain
metased			51	1,023	1,220	1,473	214	1,202	523	105					sediment:
Acidic shale															-
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															gram sea.
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															3,821
	Hiah	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres*	ç.					
Acidic sed /	5								1				1		Fine grain
metased															sediment:
Acidic shale															C
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															gruin sea.
Acidic granitic															Residuum,
Mafic / Inter-													_		colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3,2	250 fe	et):		o acr	es*							
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															anuvium:

Name: Turnpike State Forest

19,378.7 Acres

Tier 2 ELU Group: A1a

Distance (miles): **0.0**

County and s	state:	Map unit and subsection name:	
Allegany	NY	212Fa Cattaraugus Highlands Saving the Last Great Places	NaturéServe

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

Managed Area within block (acres): 7,727.4

Percentage of block in managed area: 39.9 10 Largest managed areas: Name, Owner, and Acreage: STA 4,560.9 Turnpike Palmer Pond STA 1,666.3 Phillips Creek STA 1,452.1 Palmer Pond STA 31.3 Palmer Pond STA 16.8

Minimum Maximum Mean Range 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: 0-500 500-1000 1000-2000 2000-5000 5000-10000 10000 +20 2 7 3 0 0 LINE FEATURES: Border Miles Interior lines Miles Mi/1K acres Road or street 43.6 2.2 Interstate highw 10.5 Shoreline 1.3 0.1 Local route 5.2 16.8 Road or street **Aquatic summary:** Streams 15.3 0.8 Streams selected for portfolio:

Viable, primary target Element Occurrences:

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

Comments (from expert interviews, fall 2000):

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



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

Elevation summary (values in feet):

$\textbf{ECOLOGICAL LAND UNITS:} \ \textbf{Acreage occurring in Turnpike State Forest}$

	La	ndfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	Slope bottom	moist		flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000	feet):		0 ac	cres (* Ma	ay include	open wa	iter not rep	orted below)	
Acidic sed / metased															Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															
Oluainane	Low	ماميرما	tion (1	000	2.00		\ \+\.	10,340	acros	*					
Acidic sed /	LOW	eleval	tion (1	,000 -	- 2,00	JU Tee	et):	10,340	acres						Fine grain
metased															sediment:
Acidic shale				211	126	1,819	1,027	640	201	1,426	272	3,633			
Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															440 D: -!
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															
C Iu ul lui	N / : - I		:	000	2 5))	1)		 						
Acidic sed /	ivita	eleval	ion (2	,000 -	2,50	JU Tee	et):	9,027 8	acres	1 1	I		1 1		Fine grain
metased															sediment:
Acidic shale				189	393	1,244	255	553	71	580	31	5,649			
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic															una viann.
Ultramafic															
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	0	acres'	k					
Acidic sed / metased															Fine grain sediment:
Acidic shale															G
Calcareous sed															Coarse grain sed:
Mod. calcareous sed / Calc shale															grani seu.
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alpin	ie (ab	ove 3,2	250 fe	et):		o acr	es*							
Acidic sed / metased	•	·													Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															unu viulli.
Chumint			1			I	1	1	1	1 L			1 1		

Name: West Branch-Sproul

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

County and state: PA Cameron Centre PA PA Clinton

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

Managed Area within block (acres	<u>s):</u>	44,736.6
Percentage of block in managed area:		68.9
10 Largest managed areas: Name, Ow	vner, ar	nd Acreage:
Sproul State Forest	STA	19,988.1
Sproul State Forest	STA	9,946.2
Gameland 100	STA	5,963.4
Sproul State Forest	STA	4,226.5
Elk State Forest	STA	2,685.0
Sproul State Forest	STA	1,662.0
Elk State Forest	STA	265.4

.... . .

Elevation summary (values in feet):

Lieva	uon sunni	aly (values	III Ieet).		
Minin	<u>num</u>	<u>Maximum</u>	Range	Mean	
69	5.6	2,319.7	1,624.1	1,509.3	
Minor	r blocks co	mprising m	<u>atrix block:</u>	40	
Maxin	num acreage	e of minor roa	ad block withi	n: 49128.9)
Averag	ge acreage o	of minor road	block within:	2310)
Std De	ev in acres o	f minor road	block within:	8070)
Numb	er of minor	road bounded	l blocks within	, by acreage:	
<u>0-500</u>	<u>500-1000</u>	1000-2000	2000-5000	<u>5000-10000</u>	10000+
31	1	2	3	2	2
LINE	FEATURES	5:			
Borde	r	Miles	Interior lines	Miles Mi	/1K acres
			D 1	100.1	15

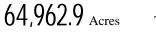
LINE FEATURES:						
Border	Miles	Interior lines	Miles Mi	i/1K acres		
Local route	15.2	Road or street	100.1	1.5		
Road or street	44.9	Shoreline	27.2	0.4		
Shoreline	21.4	Railroad	13.5	0.2		
Railroad	1.6	Pipeline	0.8	0.0		
Pipeline	1.8	'				
Aquatic sum	nary:	Streams	107.4	1.7		
Streams selected for portfolio: 4.0 0.1						

Viable, primary target Element Occurrences:

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



Tier 2 ELU Group: B1b1

Distance (miles): 0.0



Map unit and subsection name: 212Gb Allegheny Deep Valleys

$\textbf{ECOLOGICAL LAND UNITS:} \ Acreage \ occurring \ in \ \ West \ Branch-Sproul$

	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry	
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)	slope (SW)	Cove (SW)	_	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levati	on (be	low 1	,000	feet):	9	,990 ac	cres (* Ma	ay include	open wa	ater not rep	orted below)	
Acidic sed / metased	21	469		52	6	574	2,878	113	1,067	2,387	514				Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 380
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic	Low	elevat	ion (1	,000 -	- 2 0	00 fee	∆+)·	46,109	acres'	*					282
Acidic sed /											424				Fine grain
metased	309	4,084	575	5,712	2,050	3,818	4,303	2,316	2,670	1,944	434				sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous		-		07		400	05			40	40				grain sed:
sed / Calc shale		2		87	64	169	35	34	3	18	40				2,200 Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															12,637
	Mid	elevat	ion (2	,000 -	2,50)0 fee	t):	8,828	acres*						
Acidic sed / metased			16	740	554	981	359		216	230	52				Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale				3	11	23	3	6							grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															4,886
Ultrainanc		_													
A · 1 · 1 /	High	eleva	tion (2,500	- 3,2	250 fe	et):	0	acres'	٢					
Acidic sed / metased															Fine grain sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium,
mediate granitic															alluvium:
Ultramafic															
	Alpir	ne (abo	ove 3,	250 fe	et):		o acr	es*							
Acidic sed / metased		•													Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															

Name: West Kill Wilderness

51,359.2 Acres

Elevation summary (values in feet):

Tier 1 ELV

ELU Group: B2

Distance (miles): 0.0

County and		
Greene	NY	
Ulster	NY	

Map unit and subsection name:M212EaCatskill MountainsM212EbCatskill Highlands

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



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

Managed Area	within block	(acres):	30,812.3
Manageu Alta	within Diock	(au cs).	30.012.3

Percentage of block in managed ar	60.0	
10 Largest managed areas: Name,	Owner, ar	d 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

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

Minimum	Maximur	<u>n Range</u>	Mear	<u>1</u>					
853.1	3,999.5	3,146.5	2,408	.3					
Minor block	ks comprising	<u> matrix block:</u>	1	13					
Maximum ac	Maximum acreage of minor road block within: 51194.4								
Average acre	age of minor r	oad block within	39	50					
Std Dev in ac	cres of minor re	oad block within:	E+	04					
Number of m	inor road boun	ded blocks withi	n, by acreage	:					
<u>0-500</u> <u>500-1</u>	000 1000-20	<u>00</u> <u>2000-5000</u>	<u>5000-10000</u>	<u>10000+</u>					
15	0 0	0	0	1					
LINE FEATU	JRES:								
Border	Miles	Interior line	<u>s Miles N</u>	Mi/1K acres					
Local route	26.9	Road or stree	t 40.8	0.8					
Road or stree	et 6.7	Shoreline	1.1	0.0					
Pipeline	4.3								
Average acre Std Dev in ac Number of m <u>0-500</u> <u>500-1</u> 15 LINE FEATU <u>Border</u> Local route Road or stree	age of minor recress of minor read bound in a constraint of minor read bound $000 1000-20$ and $0 0$ and 0 and $0 0$ and 0 and	bad block within bad block within ded blocks withi <u>00</u> <u>2000-5000</u> 0 <u>Interior line</u> Road or stree	: 39 E+ <u>5000-10000</u> 0 <u>s Miles M</u> t 40.8	50 04 :: <u>0 10000-</u> 1 <u>Mi/1K acre</u> 0.8					

Aquatic summary: Streams 31.0 0.6

Streams selected for portfolio:

Viable, primary target Element Occurrences: 1

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

ECOLOGICAL LAND UNITS: Acreage occurring in West Kill Wilderness

	andfo	rns:		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry	
Bedrock	Cliff	Steep f slope	Slope crest	Upper slope	sum		Cove (NE)	slope (SW)	Cove (SW)	_	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000,	feet):		461 ac	res (* Ma	ay include	open wa	nter not rep	orted below)	
Acidic sed / metased						10	34	18	52	137	31		119		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic				000	2.04			40.050		 *					
Acidic sed /			ion (1					18,359	acres'				1		Fine grain
metased	35	398	39	946	116	1,940	4,403	2,056	3,799	2,572	180	222	604		sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous															grain sed: 106
sed / Calc shale															Residuum,
Acidic granitic Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															
	Mid	elevat	ion (2	,000 -	2,50)0 fee	t): 1	4,815	acres*						
Acidic sed / metased	32	799	53	1,758	139	2,577	3,455	1	2,857	525	2		292		Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
	High	eleva	tion (2	2,500	- 3,2	50 fe	et):	14,483	acres*	r.					
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
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter-															colluvium, alluvium:
mediate granitic Ultramafic															
	Alpin	ne (abo	ove 3,2	250 fe	et):	3,2	26 acr	es*							
Acidic sed / metased	13	326	114	1,728	355	192	73	280	84				63		Fine grain sediment:
Acidic shale															_
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum, colluvium,
Mafic / Inter- mediate granitic															alluvium:
Ultramafic															

HIGH ALLEGHENY PLATEAU (HAL) ECOREGION: MATRIX BLOCK REPORT Name: Wolf Run/Cedar Run 16,075.3 Acres Tier¹ ELU Group: B1b1 Perimeter/area ratio (*1000; lower is better): 0.618 Nearest Matrix block: Pine Creek Distance (miles): 4.0

Map unit and subsection name: **County and state:** The lature 212Gb Allegheny Deep Valleys Lycoming PA Conservancy. NaturéServe Saving the Last Great Places

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

Managed Area within block (a	13,093.7	
Percentage of block in managed ar	81.5	
10 Largest managed areas: Name,	Owner, an	d 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

Minin	num	<u>Maximum</u>	Range	Me	an			
698	8.9	2,135.9	1,437.	1 1,41	0.8			
<u>Minor</u>	· blocks co	omprising m	atrix bloc	<u>k:</u>	2			
Maxim	um acreag	e of minor ro	ad block wi	thin: 160'	73.1			
Averag	ge acreage	of minor road	l block with	in: 8	040			
Std De	v in acres of	of minor road	block with	in: E	+04			
Numbe	er of minor	road bounde	d blocks wit	hin, by acreag	ge:			
<u>0-500</u>	500-1000	1000-2000	2000-500	<u>0 5000-1000</u>	<u>)0 10000+</u>			
1	0	0	0	0	1			
LINE I	FEATURE	S:						
Borde	<u>r</u>	Miles	Interior li	nes <u>Miles</u>	Mi/1K acres			
Local	route	5.4	Road or str	eet 7.1	0.4			
Road of	or street	9.5						
Railroa	ad	5.9						
Pipelir	ne	4.3						
<u>Aquat</u>	ic summa	ry:	Streams	19.0	1.2			
	Stream	ns selected fo	r portfolio:	16.4	1.0			
<u>Viable</u>	Viable, primary target Element Occurrences:							
An	<u>imals Inv</u>	<u>ertebrates</u> <u>P</u>		<u>vascular</u> lants <u>Co</u> i	<u>mmunities</u>			
	0	0	0	0	1			

Elevation summary (values in feet):

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					

$\textbf{ECOLOGICAL LAND UNITS:} \ A creage \ occurring \ in \ Wolf \ Run/Cedar \ Run$

	La	ndfo	r ns :		Flat	Side		Side			Wet /	Dry	Dry	Dry	Dry
Bedrock	Cliff	Steep slope	Slope crest	Upper slope	sum	slope (NE)	Cove (NE)		Cove (SW)	-	moist	flat: till	flat:	flat: exposed	flat: Surficial
Geology:	Very	low e	levatio	on (be	low 1	,000,	feet):	2	,151 ac	cres (* Ma	y include	open wa	ater not rep	orted below)	
Acidic sed / metased	3	52		6	2	26	429	155	672	561	18		15		Fine grain sediment:
Acidic shale															Coarso
Calcareous sed Mod. calcareous sed / Calc shale															Coarse grain sed: 55
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															
Chiumane	Low	alavat	ion (1	,000 -	. 2 00))) foc	\ \ +) ∙	13 278	acres	*				l	
Acidic sed /	42	1,062	214	1,778	637	1,602	1,504		1,394		13				Fine grain
metased Acidic shale	42	1,002	214	1,770	037	1,002	1,304	1,522	1,394	093	13				sediment:
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed: 45
Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic															alluvium: 2,350
Ultramafic															2,000
	Mid	elevat	ion (2	,000 -	2,50)0 fee	t):	638	acres*						
Acidic sed / metased				226	203	42		19							Fine grain sediment:
Acidic shale															
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic Ultramafic															colluvium, alluvium: 148
Chiumane						50 6	. 1)			 *					
Acidic sed /	High	eleva		2,500	- 3,2	50 re	et):	0	acres'	1 1	1			1	Fine grain
metased															sediment:
Acidic shale Calcareous sed															Coarse
Mod. calcareous															grain sed:
sed / Calc shale Acidic granitic															Residuum,
Mafic / Inter-															colluvium,
mediate granitic Ultramafic															alluvium:
Oluanane	A I :	. (. h.			- 1)		o acr	00*					1 1		
Acidic sed / metased	Alpin	ie (abo	ove 3,	250 fe	et):		0 acr	es							Fine grain sediment:
Acidic shale															seument.
Calcareous sed															Coarse
Mod. calcareous sed / Calc shale															grain sed:
Acidic granitic															Residuum,
Mafic / Inter- mediate granitic															colluvium, alluvium:
Ultramafic															