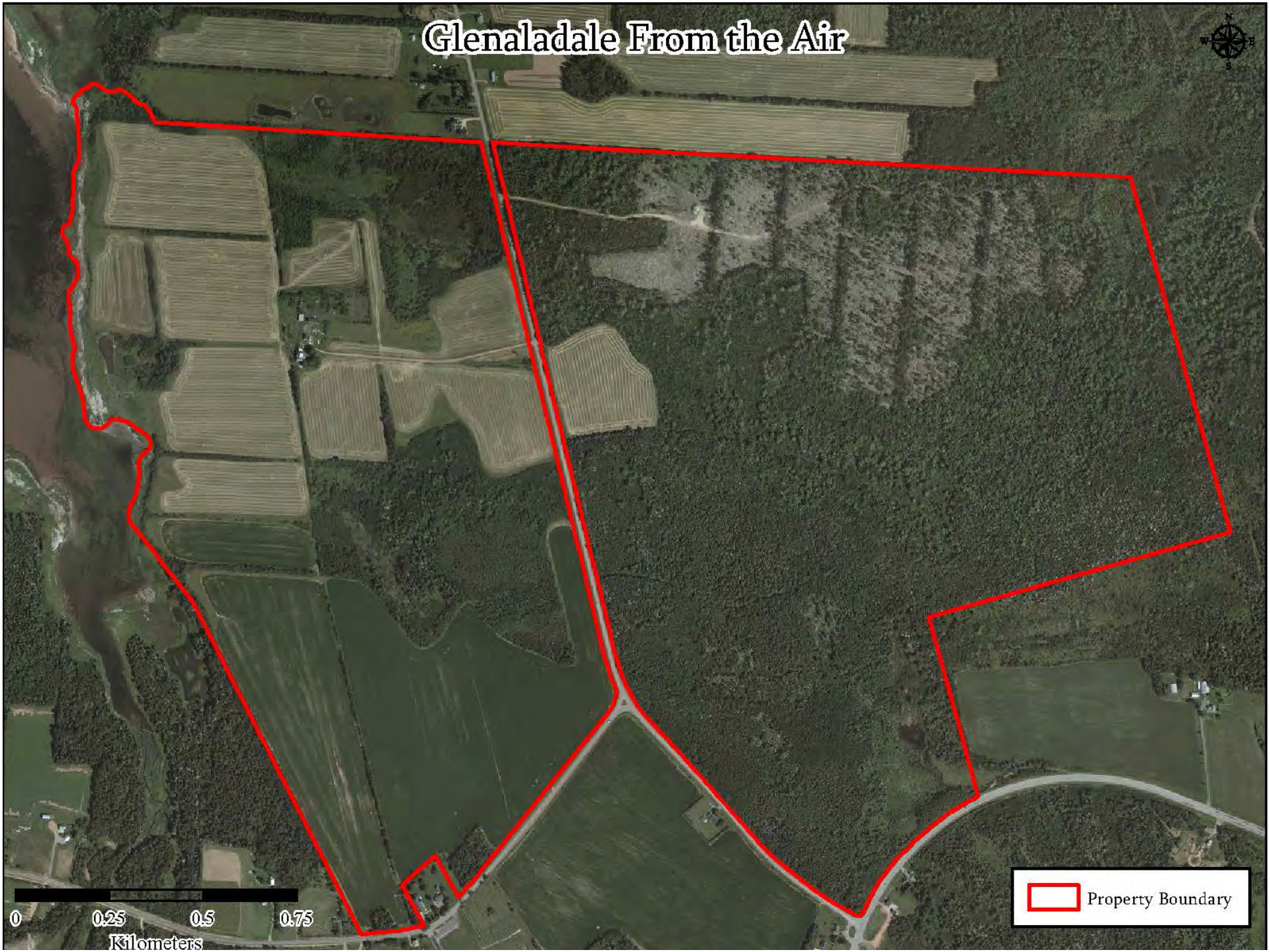
EST 1772

GLENALADALE

PRINCE EDWARD ISLAND

A National Treasure on a Small Island.


Glenaladale From the Air
N
W
E
S
0
0.25
0.5
0.75
Kilometers
Property Boundary

GLENALADALE HERITAGE TRUST

Caretakers of the Estate on behalf of the ancestors &
the people of Prince Edward Island

OBJECTIVES

- Preservation of a significant landscape
- Management of its assets via partnerships *with philosophically compatible partners*
- Education of the public about Glenaladale's many layers and stories
- Rural community development

THEMES

- Glenaladale as HOME
- Past…present…future

ORGANIZATIONAL/INSTITUTIONAL PARTNERS

- Winter-River Tracadie Bay Watershed Association
- Tracadie Community Centre
- PEI Scottish Settlers Historical Society
- ECOPEI's MacPhail Woods
- Provincial archaeologists

Pending:

- Holland College
- UPEI
- Creative PEI
- Provincial dept of education
- Provincial dept of environment

GLENALADALE

2022

250th Anniversary of the establishment of Glenaladale PEI

250th Anniversary of the first large settlement of Scots in Canada

250th Anniversary of the first Catholic Scots settlement in Canada

MacDonald & MacKinnon Legacy

Recognition of all those connected to Glenaladale

LONGTERM PLAN

CORE AREA

Glenaladale School House 257 Blooming Point Road, Tracadie, PE	Area Plan C		1" = 120'-0" 20-07-18	Area C

LAND MANAGEMENT

OVERARCHING PRINCIPLE: ENVIRONMENTAL SUSTAINABILITY

Assets of the 529 ¾ acre Estate:

- 160+ acres farmland
- 280+ acres woods
- Protected marsh
- Bog
- 2000+' shoreline

Current Partners:

- Local farmers
- Winter-River Tracadie Bay Watershed Assoc.
- MacPhail Woods
- Provincial dept of forestry

FARMLAND

OBJECTIVES

- Improve soil health
- Reduce erosion & windblown loss of soil
- Move to organic certification
- Provide opportunities for agricultural research & education


Charlottes Shore Ln
Glenaladale 1
Glenaladale 4
Glenaladale 2
Glenaladale 3
Blooming Point Rd
219
Donaldston Rd

Soil Analysis Report
14-Nov-2018

Winter River Tracadie Bay
Watershed Association
630 Suffolk Rd - Rte 222
Dunstaffnage, PE
C1C 0P6

PEI Analytical Laboratories
PEI Department of Agriculture & Fisheries
23 Innovation Way
PO Box 2000, Charlottetown, PEI, C1A 7N8
Fax: (902) 368-6299
Telephone: (902) 620-3300

Client: 1509220008
Accession: S181031001
Samples Reported: 14-Nov-2018
Samples Received: 31-Oct-2018

Sample Information			Soil Test Values and Ratings							
Lab Sample #	Field Number	Organic Matter (%)	pH	Phosphate P_2O_5 (ppm)	Potash K_2O (ppm)	Calcium Ca (ppm)	Magnesium Mg (ppm)	Boron B (ppm)	Copper Cu (ppm)	Salt mS/cm
1	Other farmer data									
2	GLN-003	2.3	5.1	436	128	277	19	0.2	0.7	
3	GLN-004	2.1	5.6	492	112	510	49	0.2	1.1	
4	GLN-002	2.2	5.3	491	132	472	27	0.2	0.9	
5	GLN-001	2.5	5.2	426	109	294	21	0.2	0.6	

Lab Sample #	Field Number	Zinc Zn (ppm)	Sulfur S (ppm)	Manganese Mn (ppm)	Iron Fe (ppm)	Sodium Na (ppm)	Aluminum Al (ppm)	Lime Index	Nitrogen N (%)	Nitrate-N NO -N (ppm)
1										
2	GLN-003	1.3	42	24	202	25	1457	6.7		
3	GLN-004	1.1	19	43	215	34	1300	6.9		
4	GLN-002	1.2	24	22	311	32	1335	6.7		
5	GLN-001	1.0	30	20	205	28	1549	6.6		

L-: Low L: Low M: Medium M+: Above Medium H: High H+: Very High

To convert HECTARES into ACRES multiply by 2.47				To convert T/HECTARE into T/ACRE multiply by 0.45			To convert Kg/Ha into lbs/ACRE: multiply by 0.9		
Sample Information				Limestone application (T/Ha) to acheive			Required Applications (Kg/Ha)		
Lab Sample #	Field Number	Field Size (Ha)	Crop to be Grown	pH 5.5	pH 6.0	pH 6.5	Nitrogen N	Phosphate P_2O_5	Potash K_2O
1									
2	GLN-003		Unknown	1	2	2			
3	GLN-004		Unknown		1	2			
4	GLN-002		Unknown		2	2			
5	GLN-001		Unknown	1	2	3			

Lab Sample #	Field Number	% P/Al	Ratio Ca/Mg	M a n	S o d	CEC (Meq/100g)	Base Saturation					Total % Base Saturation
							% K	% Mg	% Ca	% H	% Na	
1												
2	GLN-003	13.07	15:1	0	0	6	4.9	2.9	25.1	65.2	2.0	32.9
3	GLN-004	16.53	10:1	0	0	5	5.3	9.0	56.1	26.4	3.3	70.4
4	GLN-002	16.06	17:1	0	0	7	4.3	3.4	35.7	54.5	2.1	43.4
5	GLN-001	12.01	14:1	0	0	7	3.4	2.6	21.6	70.6	1.8	27.6

Date of analysis available upon request.

Comments: All fertilizer recommendations are based on a pH of 6.0
To convert P2O5 to P, divide by 2.29. To convert K2O to K, divide by 1.2.

Copies To:

Approved By:

Laboratory Manager

Methods: SFL_22M - pH*
SFL_23M - Organic Matter*
SFL_24M - Nutrients*

* Accredited Methods

Soil Analysis Report
11-May-2019

Sarah Wheatley
630 Suffolk Rd - Rte 222
Dunstaffnage, PE
C1C 0P6

PEI Analytical Laboratories
PEI Department of Agriculture & Fisheries
23 Innovation Way
PO Box 2000, Charlottetown, PEI, C1A 7N8
Fax: (902) 368-6299
Telephone: (902) 620-3300

Client: 1506110029
Accession: S190506012
Samples Reported: 11-May-2019
Samples Received: 06-May-2019

Sample Information			Soil Test Values and Ratings							
Lab Sample #	Field Number	Organic Matter (%)	pH	Phosphate P_2O_5 (ppm)	Potash K_2O (ppm)	Calcium Ca (ppm)	Magnesium Mg (ppm)	Boron B (ppm)	Copper Cu (ppm)	Salt mS/cm
1	Glen 1	2.8	5.1	504	106	184	21			
2	Glen 2	2.4	5.6	515	104	449	30			
3	Glen 3	2.1	5.2	474	107	209	<14			
4	Glen 4	2.0	6.2	460	116	578	44			

OTHER FARMER

Lab Sample #	Field Number	Zinc Zn (ppm)	Sulfur S (ppm)	Manganese Mn (ppm)	Iron Fe (ppm)	Sodium Na (ppm)	Aluminum Al (ppm)	Lime Index	Nitrogen N (%)	Nitrate-N NO -N (ppm)
1	Glen 1						1517	6.6		
2	Glen 2						1280	6.9		
3	Glen 3						1714	6.8		
4	Glen 4						1302	7.0		

L-: Low L: Low M: Medium M+: Above Medium H: High H+: Very High

To convert HECTARES into ACRES multiply by 2.47				To convert T/HECTARE into T/ACRE multiply by 0.45			To convert Kg/Ha into lbs/ACRE: multiply by 0.9		
Sample Information				Limestone application (T/Ha) to acheive			Required Applications (Kg/Ha)		
Lab Sample #	Field Number	Field Size (Ha)	Crop to be Grown	pH 5.5	pH 6.0	pH 6.5	Nitrogen N	Phosphate P_2O_5	Potash K_2O
1	Glen 1		Unknown	1	2	3			
2	Glen 2		Unknown		1	2			
3	Glen 3		Unknown	1	1	2			
4	Glen 4		Unknown			2			

Lab Sample #	Field Number	% P/Al	Ratio Ca/Mg	Man	Sod	CEC (Meq/100g)	Base Saturation % K	% Mg	% Ca	% H	% Na	Total % Base Saturation
1	Glen 1	14.51	9:1	0	0							
2	Glen 2	17.57	15:1	0	0							
3	Glen 3	12.08	15:1	0	0							
4	Glen 4	15.43	13:1	0	0							

Date of analysis available upon request.

Comments: All fertilizer recommendations are based on a pH of 6.0
To convert P2O5 to P, divide by 2.29. To convert K2O to K, divide by 1.2.

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Laboratory Manager

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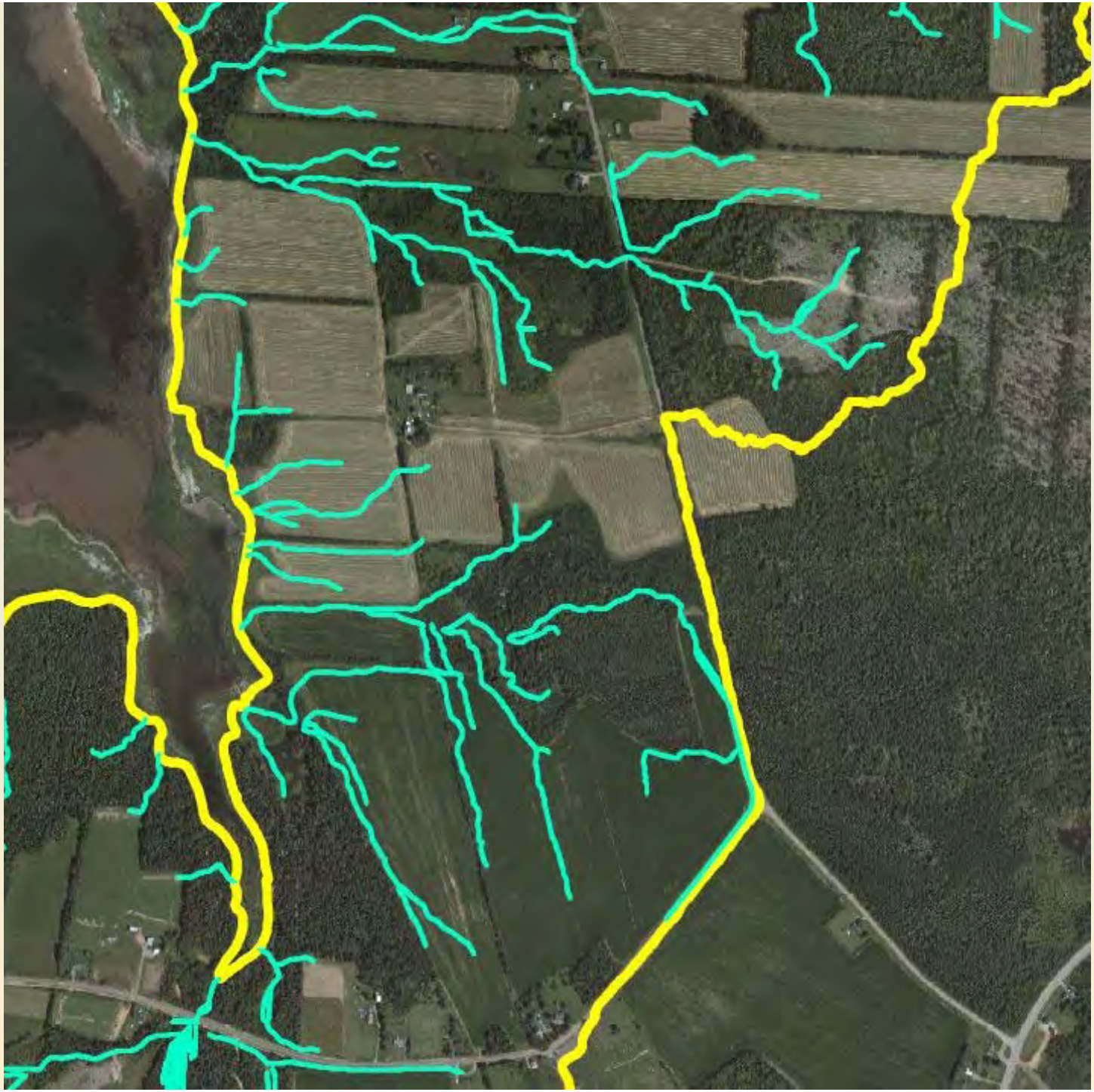
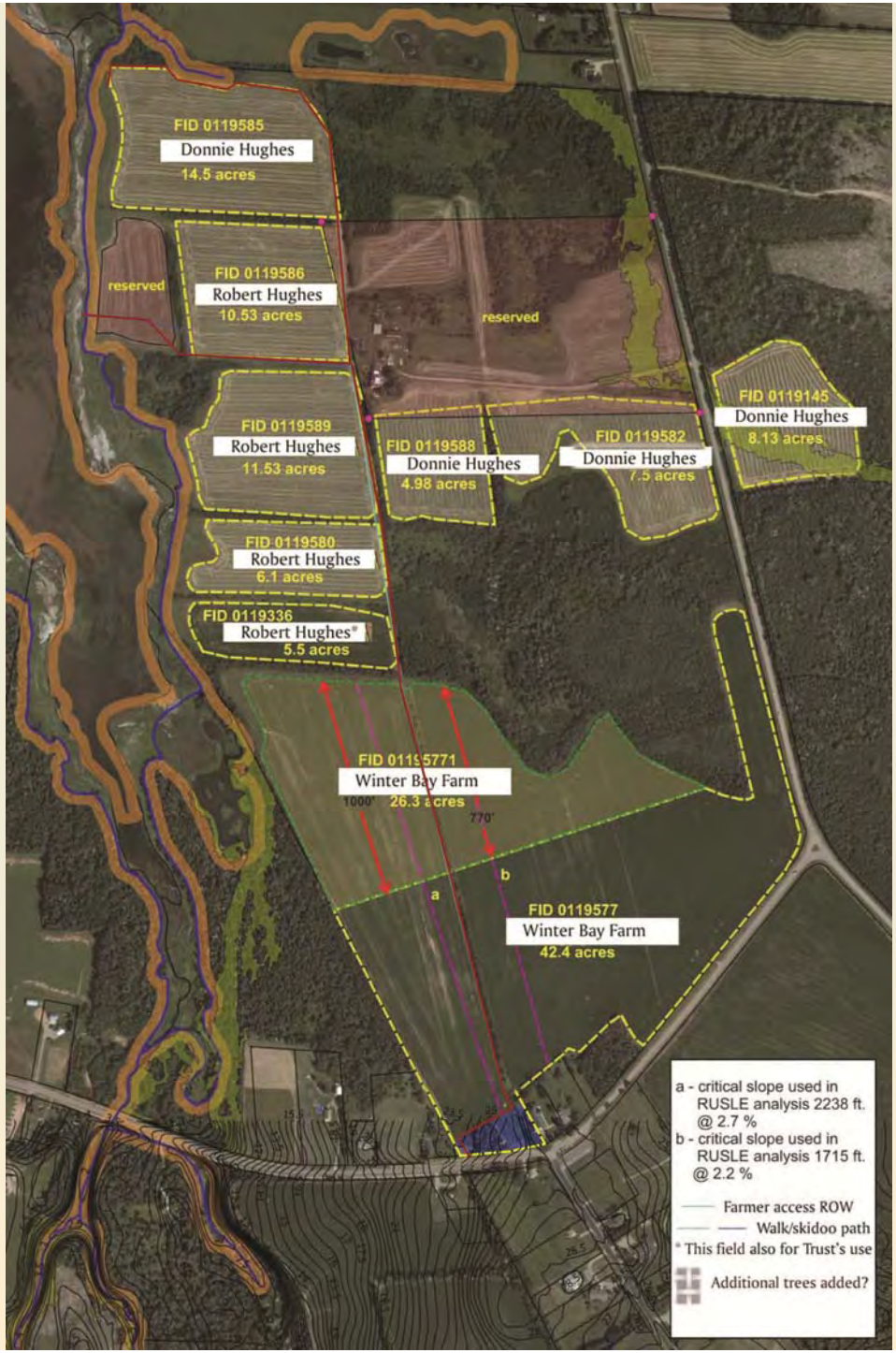
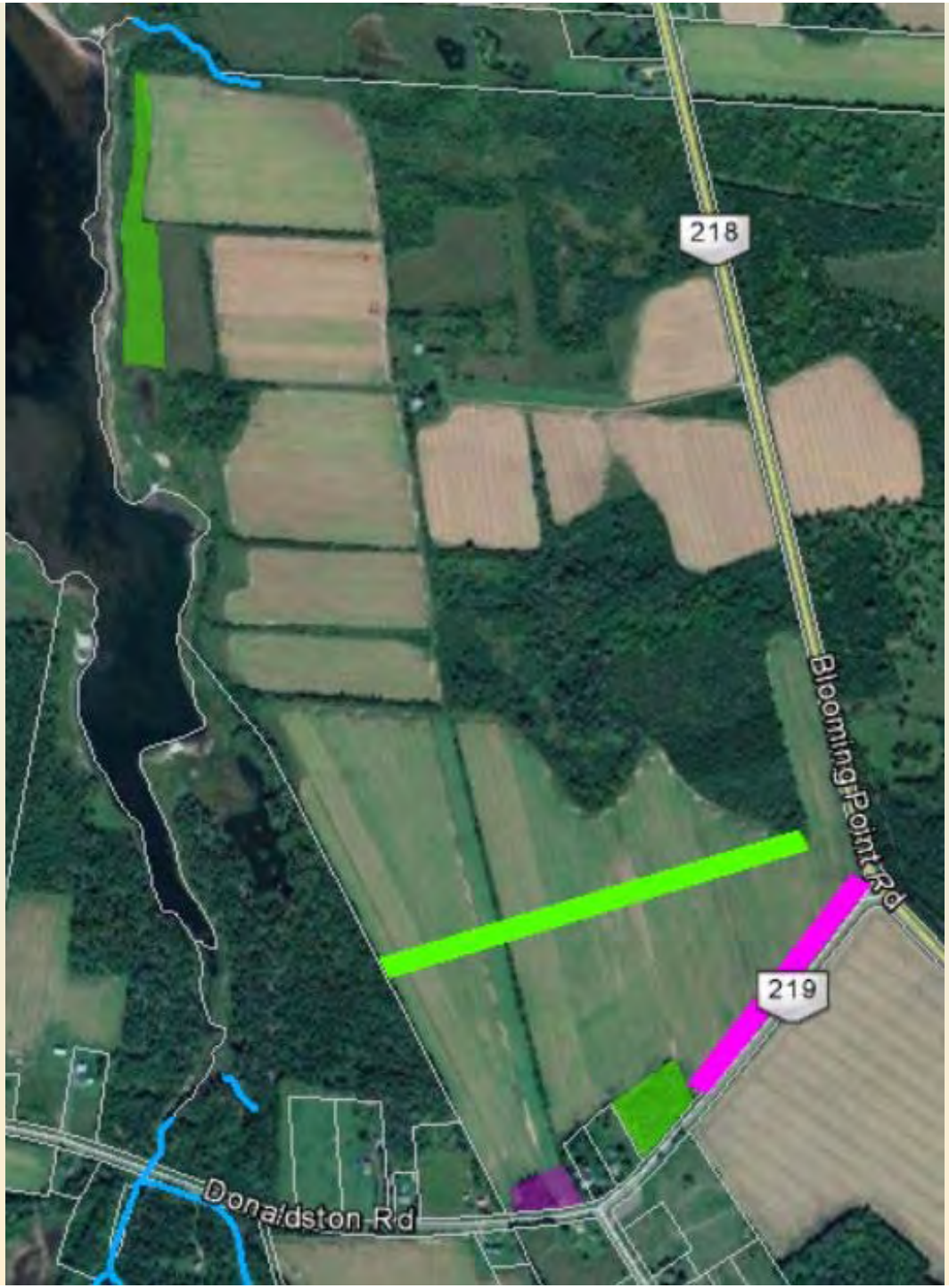
SFL_23M - Organic Matter*
SFL_24M - Nutrients*

* Accredited Methods



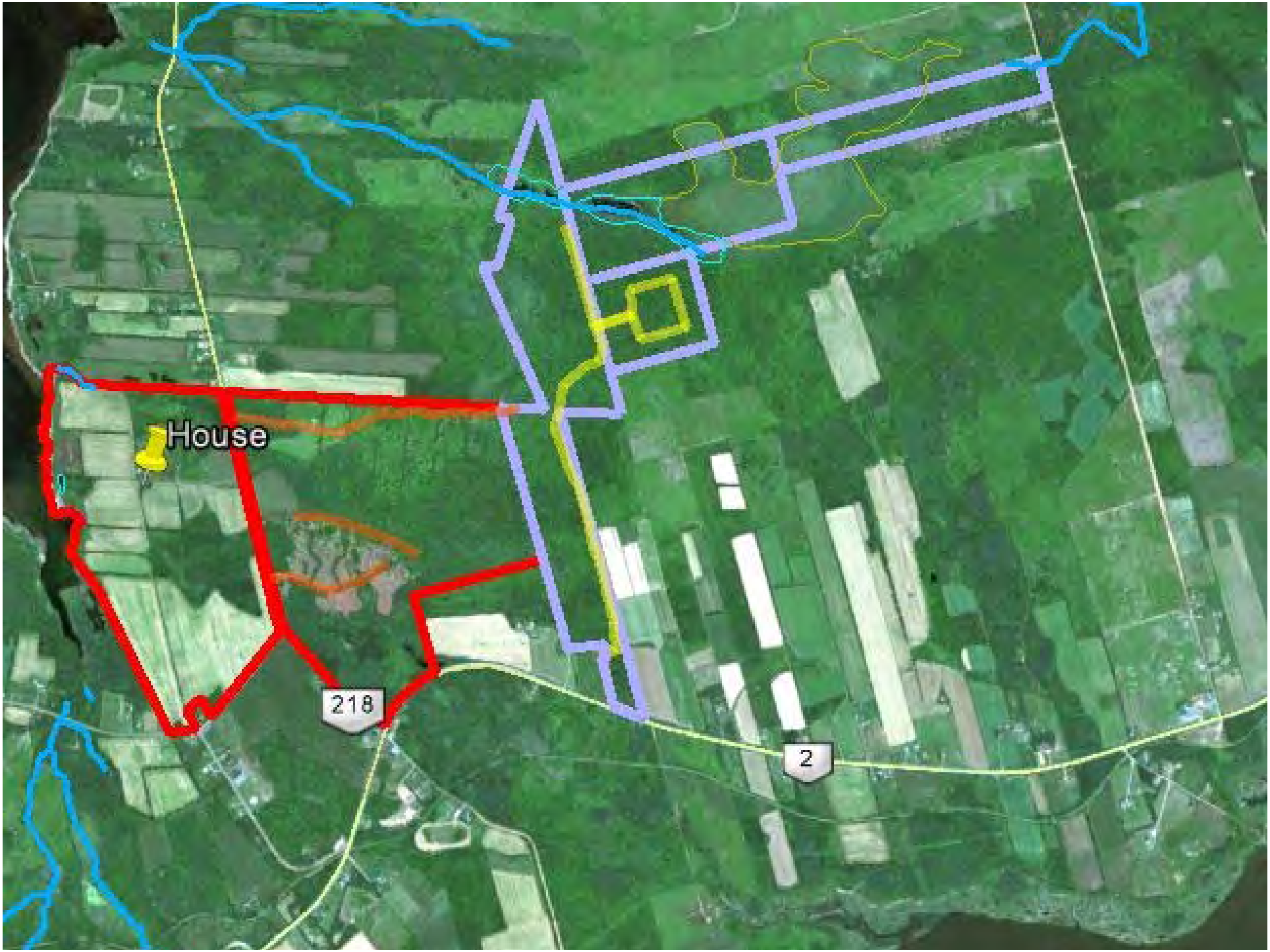

FID 0119585
Donnie Hughes
14.5 acres
reserved
FID 0119586
Robert Hughes
10.53 acres
reserved
FID 0119589
Robert Hughes
11.53 acres
FID 0119588
Donnie Hughes
4.98 acres
FID 0119582
Donnie Hughes
7.5 acres
FID 0119145
Donnie Hughes
8.13 acres
FID 0119580
Robert Hughes
6.1 acres
FID 0119336
Robert Hughes*
5.5 acres
FID 01195771
Winter Bay Farm
26.3 acres
1000'
770'
a
b
FID 0119577
Winter Bay Farm
42.4 acres
a - critical slope used in RUSLE analysis 2238 ft. @ 2.7 %
b - critical slope used in RUSLE analysis 1715 ft. @ 2.2 %
Farmer access ROW
Walk/skidoo path
* This field also for Trust's use
Additional trees added?


218
Blooming Point Rd
219
Donaldson Rd

WOODS

OBJECTIVES

- Shift from plantation model to diverse sustainable forest
- Public education of:
  - value of trees & wildlife in our environment
  - area's plant-life
  - area's natural history
- Provide opportunities for:
  - cultural growth
  - recreation for mental & physical health


House
218
2


3 pm
Mayflower & Tea Berry
Plant Here
Garbage Dump
Willow
Track
Possible Patch Cut Area
Trembling Aspen

SHORELINE

OBJECTIVES

- keeping it clean!
- low impact boating (canoes/kayaks/rowboats)
- aquaculture education
- protection of the bog
- protection of the archaeological sites
- protection of the freshwater streams
- re-establishment and protection of the portage

Further information:

Glenaladale Heritage Trust Inc.
1035 Mt Stewart Rd, Maple Hill PE C0A 1T0
Registered charity # 81948 6325 RR0001

Website: glenaladalepei.com
Email: glenaladalepei@gmail.com

THANK YOU!