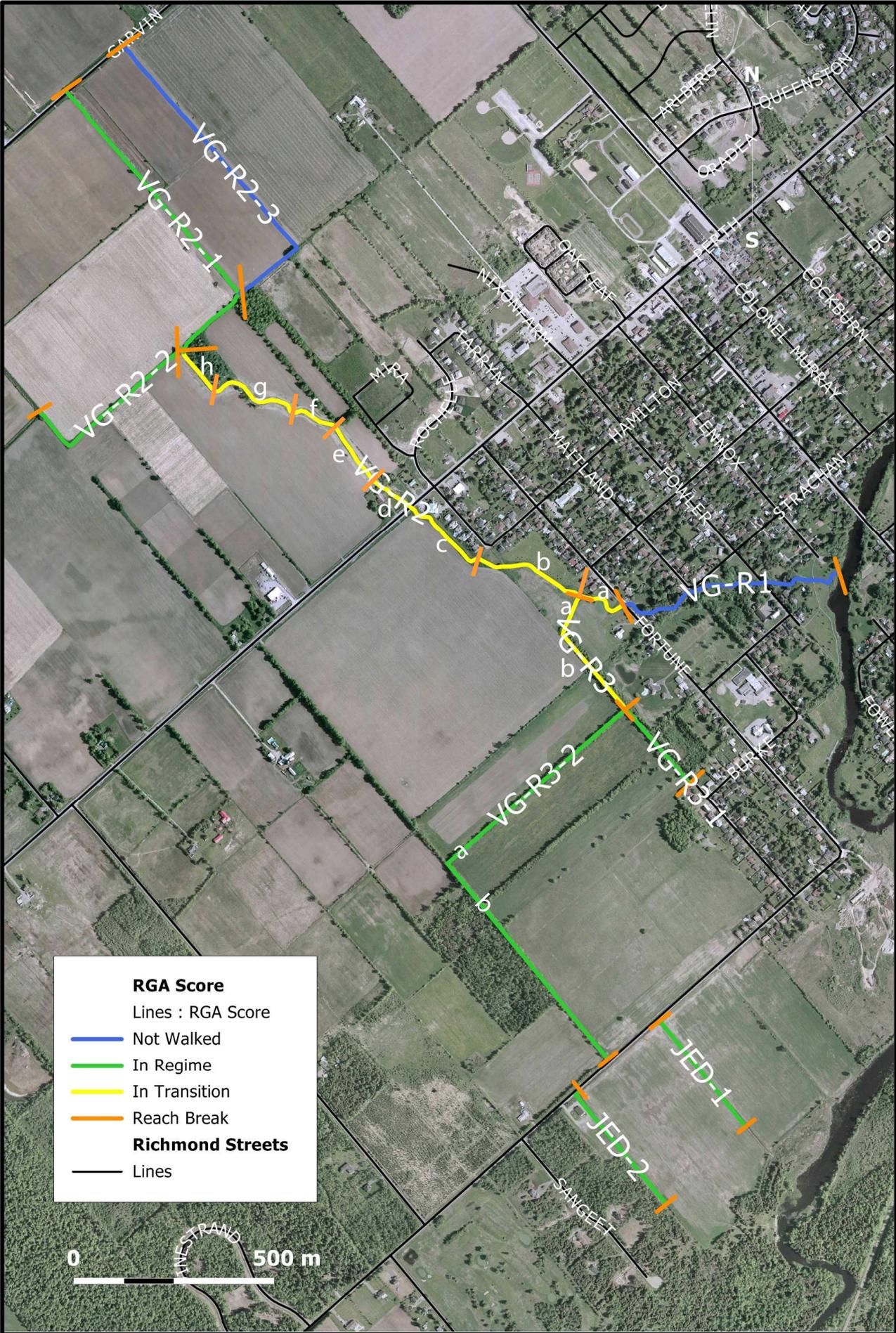
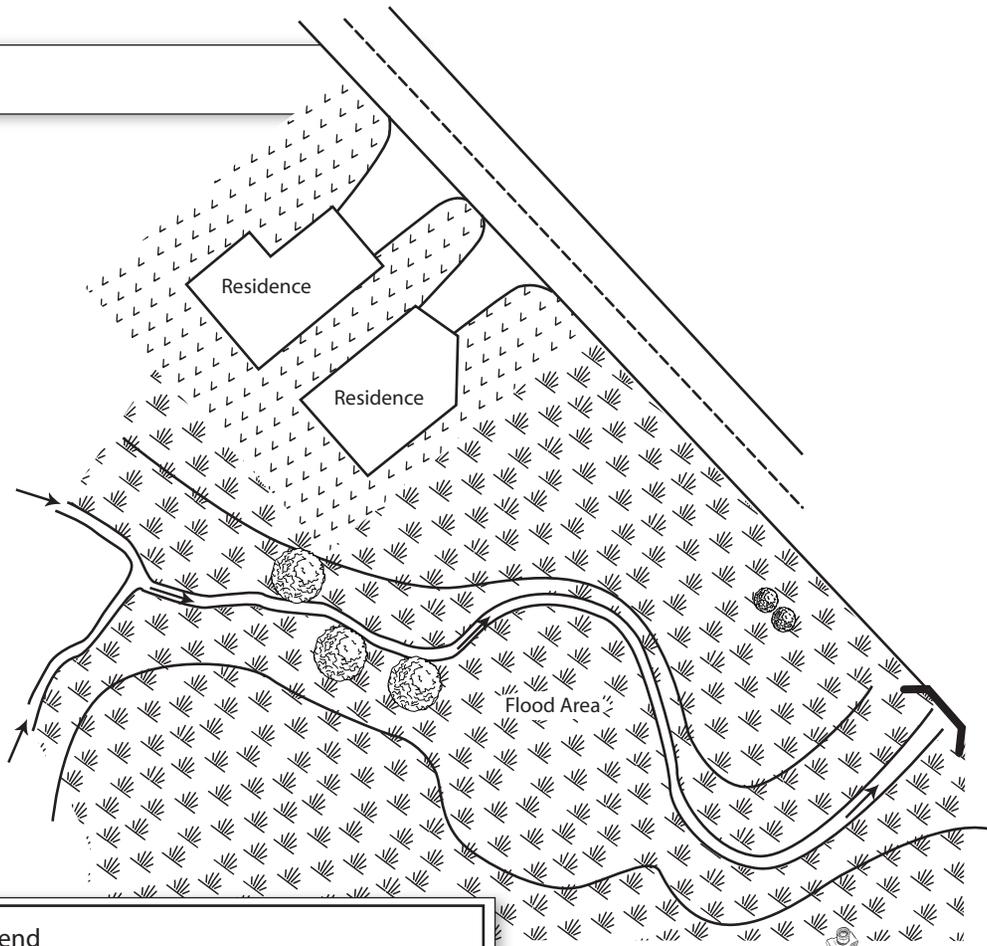


Appendix 7
Aquatic Environment Photo Sets



VG-R2a



#1

Map Legend

- | | | | |
|--|------------------------------------|--|----------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Road or tractor path |
| | Ploughed field | | Row of trees |
| | Rocky outcrop/
Reinforced banks | | Culvert |
| | Wild grass/sedges/
shrubs | | |
| | Manicured lawn | | |



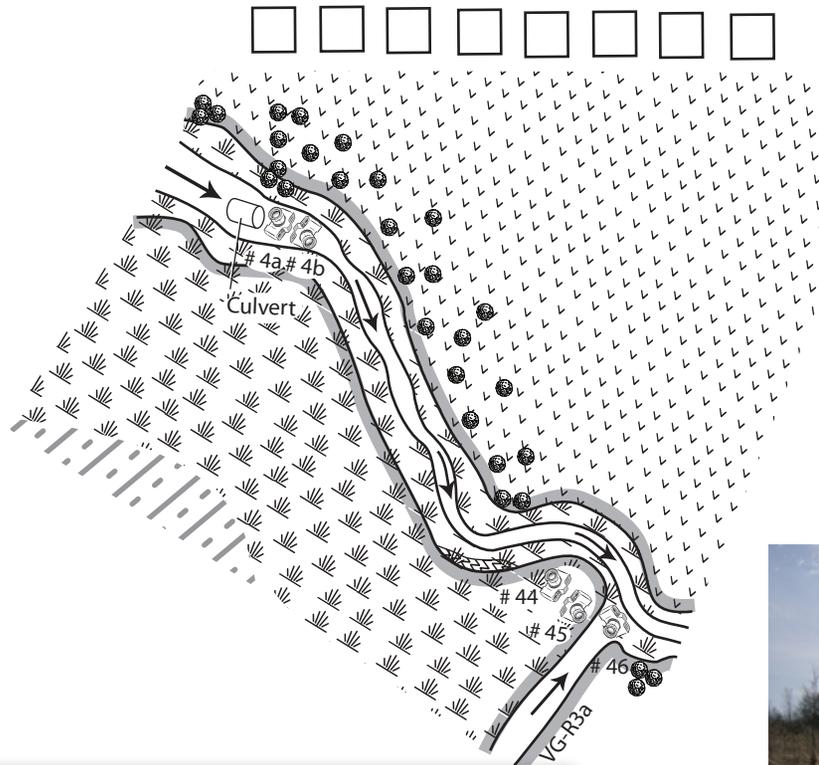
* Map NTS *

Photo#1 (April 10, 2008)



Taken looking upstream.
Shows the extensive spring flood area.

VG-R2b



Map Legend

	Stream outline		Point & direction of photo
	Vegated banks		Waypoint
	Flow direction		Road or tractor path
	Ploughed field		Row of trees
	Rocky outcrop/ Reinforced banks		Culvert
	Wild grass/ sedges/ shrubs		
	Manicured lawn		

* Map NTS *

Photo #44 (April 16,2008)



Taken looking upstream.
Right - showing spruce trees;
Left - showing farmers field.
Both left and right banks have tree clusters.

Photo #45 (April 16,2008)



Taken looking downstream.
Right - showing cedar hedges and residences;
Left - open grass field with cluster of trees in center of picture.



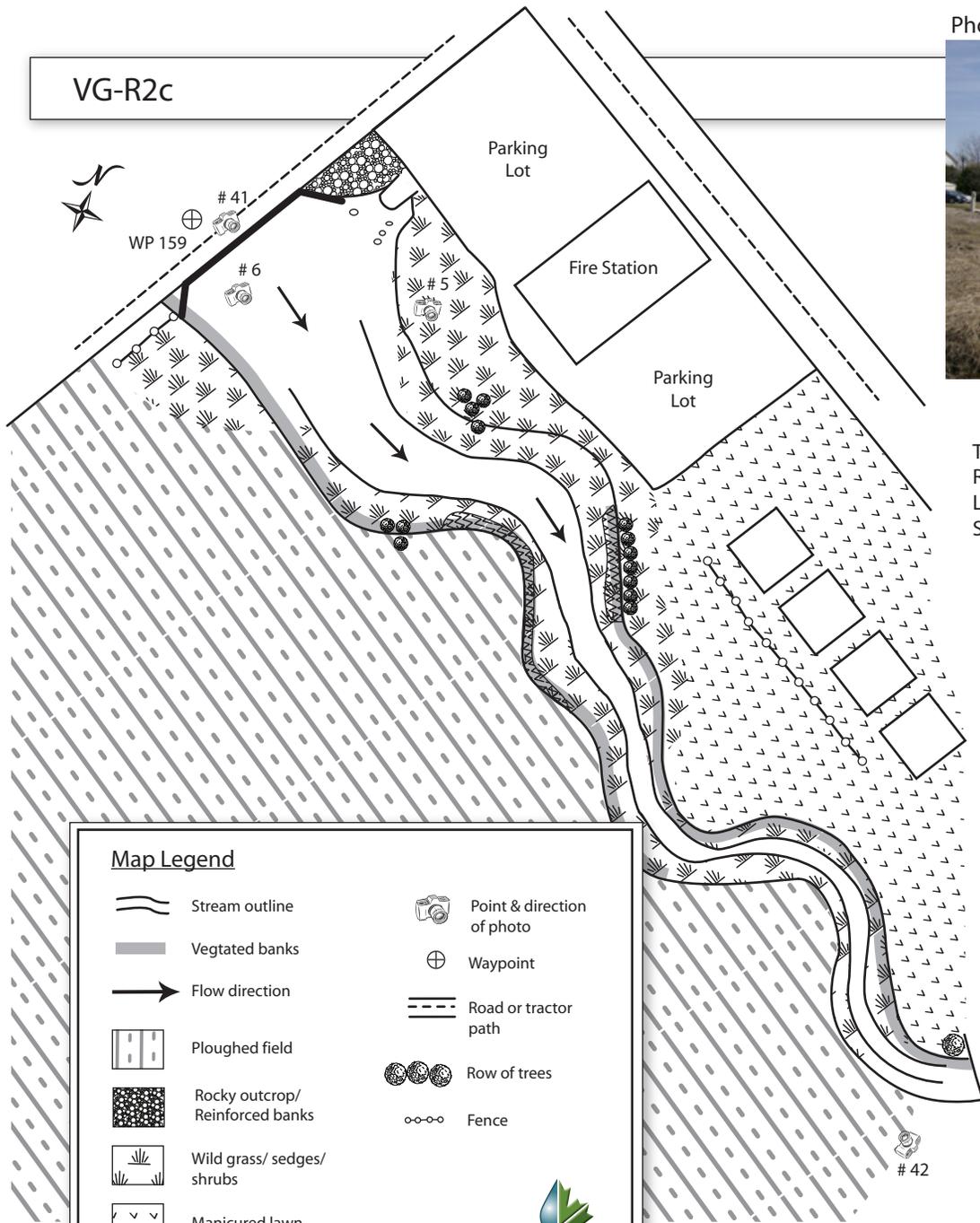
Taken looking upstream.
Right - showing wild grass field and tree clusters and also, start of Reach #12;
Left - open wild grass field with one single tree in center of picture.
Start of Reach VG-R3a.

Photos #4a, b (August 3-9,2008)



◀ 4a upstream ▲ 4b downstream

VG-R2c



Map Legend

- | | | | |
|--|------------------------------------|--|----------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegetated banks | | Waypoint |
| | Flow direction | | Road or tractor path |
| | Ploughed field | | Row of trees |
| | Rocky outcrop/
Reinforced banks | | Fence |
| | Wild grass/sedges/
shrubs | | |
| | Manicured lawn | | |



* Map NTS *

Photo #41 (April 16, 2008)



Taken looking downstream.
Right - showing farmers field;
Left - showing residences and cars.

Photo #42 (April 16, 2008)



Taken looking upstream.
Right - showing residence;
Left - showing farmers field.
Start of Reach VG-R2c.

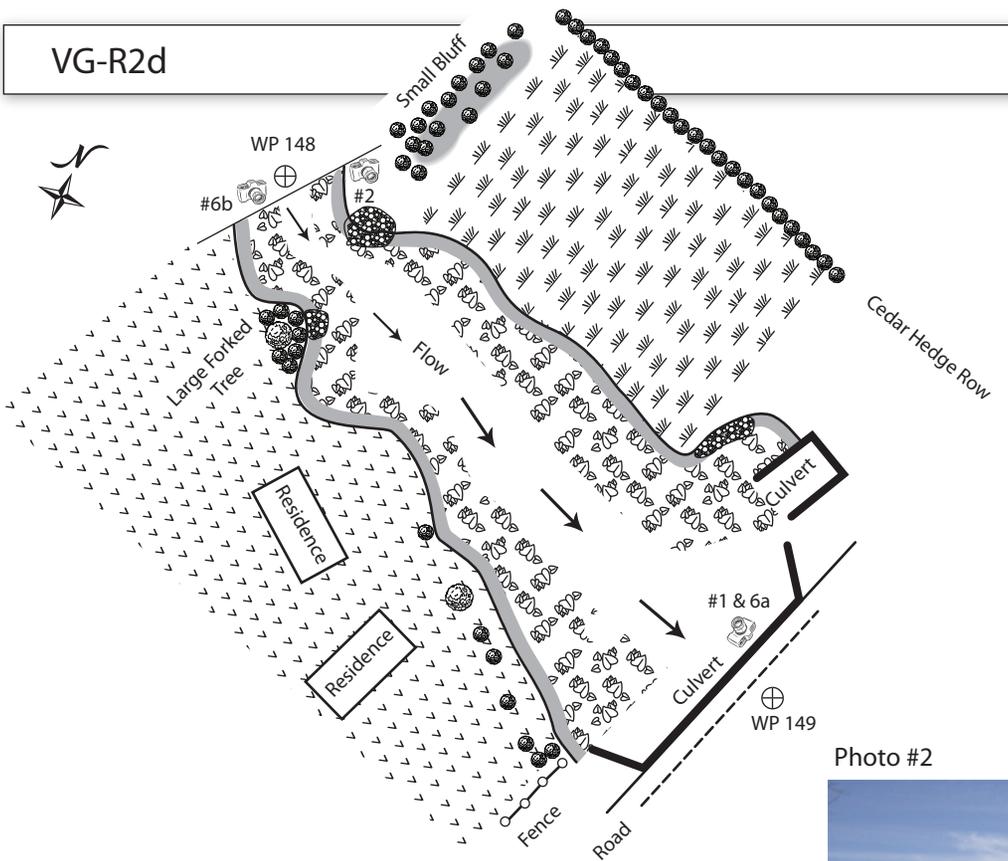
Photo #5 (April 10, 2008)



Photo #6 (August 28, 2008)



Taken looking downstream.
End of Reach VG-R2c.



VG-R2d

Map Legend

- | | | | |
|--|------------------------------------|--|----------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegetated banks | | Waypoint |
| | Flow direction | | Road or tractor path |
| | Macrophytes | | Row of trees |
| | Rocky outcrop/
Reinforced banks | | |
| | Cut Wild grass/
sedges/shrubs | | |
| | Manicured lawn | | |



* Map NTS *

Photo #1



Taken looking upstream. Right - showing residence and maintained lawn with spruce and white pine; Left - showing open field and cluster of trees.

Photo #6a (Sept. 23, 2008)



Same view in fall.

Photo #2

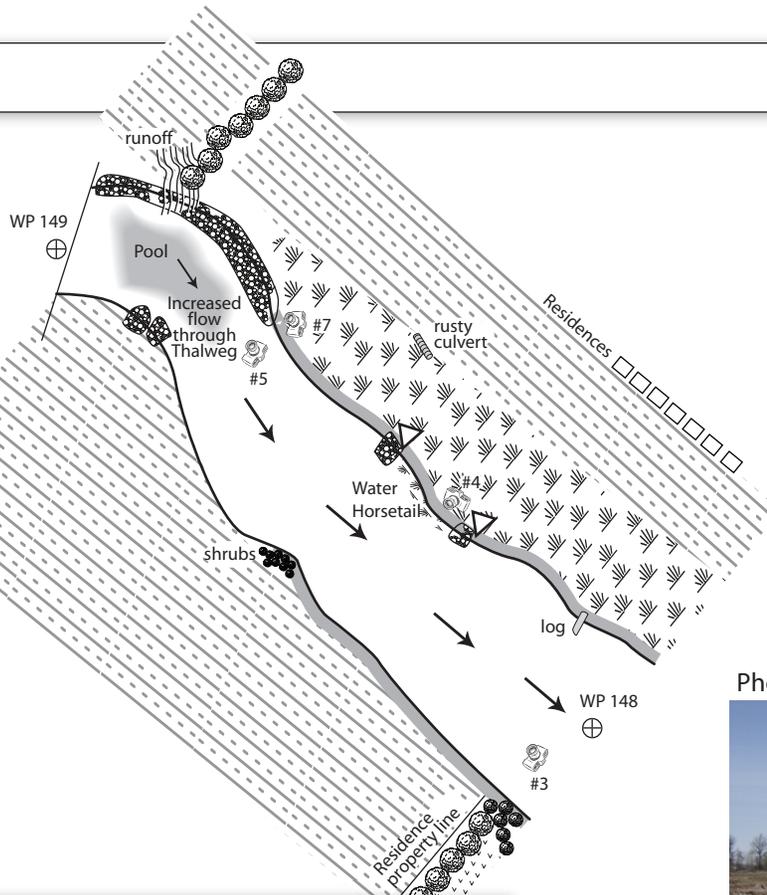


Looking downstream. Right showing large willow tree and residence property. Left - showing vegetated bank and fire station in background. Center - showing culvert crossing at Richmond Rd. End of Reach VG-R2d.

Photo #6b (Aug. 3-9, 2008) downstream



VG-R2e



Map Legend

- | | | | |
|--|------------------------------------|--|----------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Road or tractor path |
| | Ploughed field | | Row of trees |
| | Rocky outcrop/
Reinforced banks | | Waterpipes |
| | Wild grass/ sedges/
shrubs | | |
| | Manicured lawn | | |



* Map NTS *

Photo #3 (April 16, 2008)



Looking upstream.
Right – vegetated banks.
Left – farmers field.
Start of Reach VG-R2e.

Photo #4 (April 16, 2008)

Showing high water pipe.



Photo #5 (April 16, 2008)



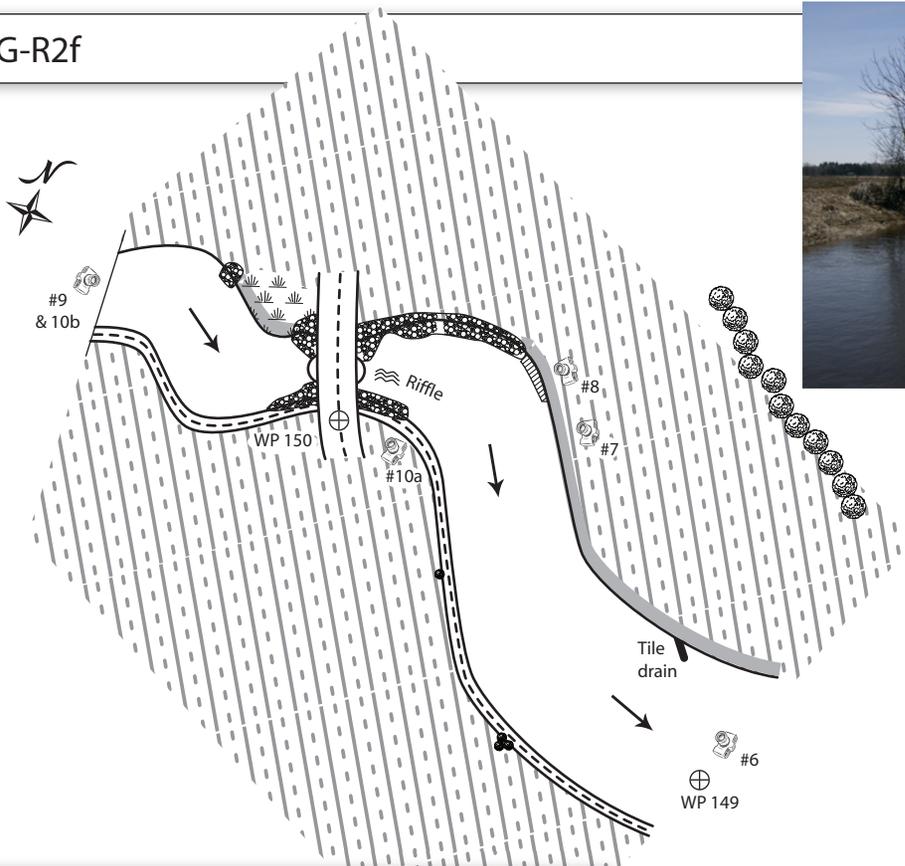
Taken looking upstream.
Right – showing forested area and bank stabilization.
Left – showing farmers field and a small patch of bank stabilization.

Photo #7 (April 10, 2008)

Taken looking upstream, on top of the bank stabilization. Standing water is visible to the right of the channel.



VG-R2f



Map Legend

- | | | | |
|--|-------------------------------|--|------------------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Bank Erosion |
| | Road or tractor path | | Rocky outcrop/
Reinforced banks |
| | Ploughed field | | Fence |
| | Wild grass/ sedges/
shrubs | | |
| | Row of trees | | |



* Map NTS *

Photo #6 (April 16, 2008)



Taken looking upstream.
Right – showing farmers field and tile drain in center of photo.
Left showing small patch of trees and farmers field.
End of Reach VG-R2e.

Photo #7 (April 16, 2008)



Showing downstream side of large culvert and tractor crossing with bank stabilization on left.

Photo #10a (Aug. 2008)



Taken looking downstream.
Showing large culvert with backpack.

Photo #8 (April 10, 2008)



Photo #9 (April 16, 2008)



Photo #10b (Aug. 2008)



Taken looking downstream.
Right – showing some bank stabilization.
Left – showing farmers field and bank stabilization in center of photo.
End of Reach VG-R2f.

VG-R2g

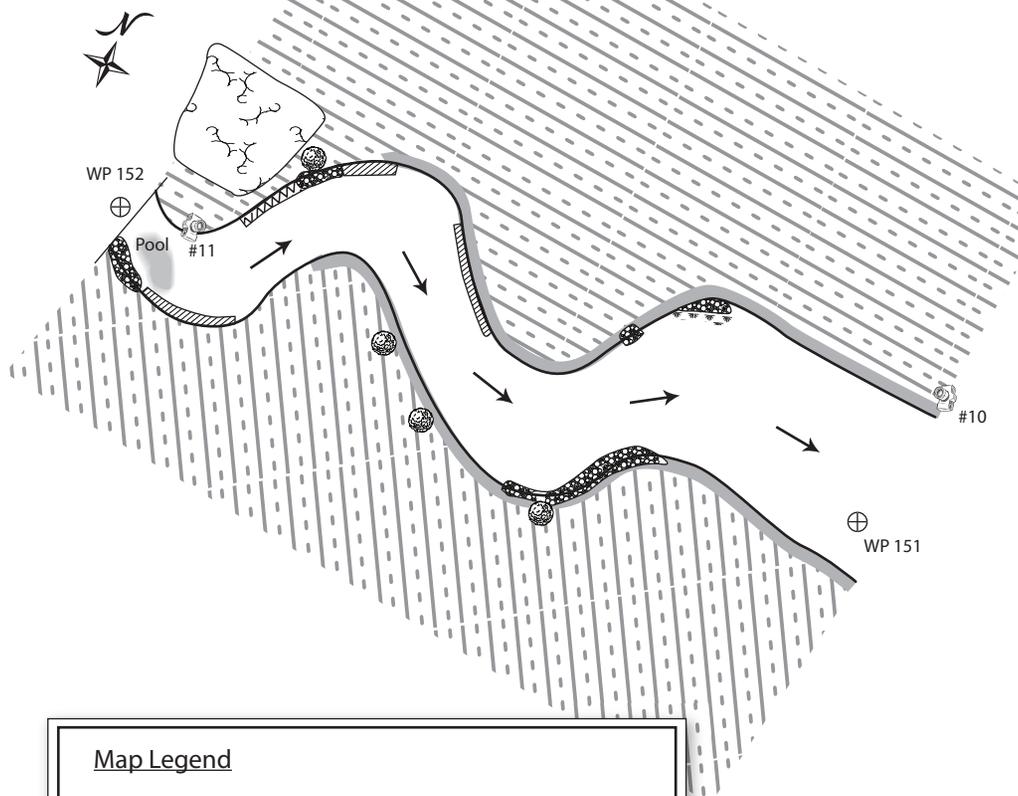


Photo #10 (April 16, 2008)



Taken looking upstream. Right – showing farmers field and forested area in background. Left – showing large tree and stream meanders to left. Start of Reach VG-R2g.

Photo #11 (April 16, 2008)



Taken looking downstream. Right – showing large tree and farmers field. Left – showing large tree and bank stabilization. Start of Reach VG-R2h.

Map Legend

- | | | | |
|--|-------------------------------|--|------------------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Bank Erosion |
| | Road or tractor path | | Rocky outcrop/
Reinforced banks |
| | Ploughed field | | Fence |
| | Wild grass/ sedges/
shrubs | | Undercut bank |
| | Forested Area | | |



* Map NTS *

VG-R2h

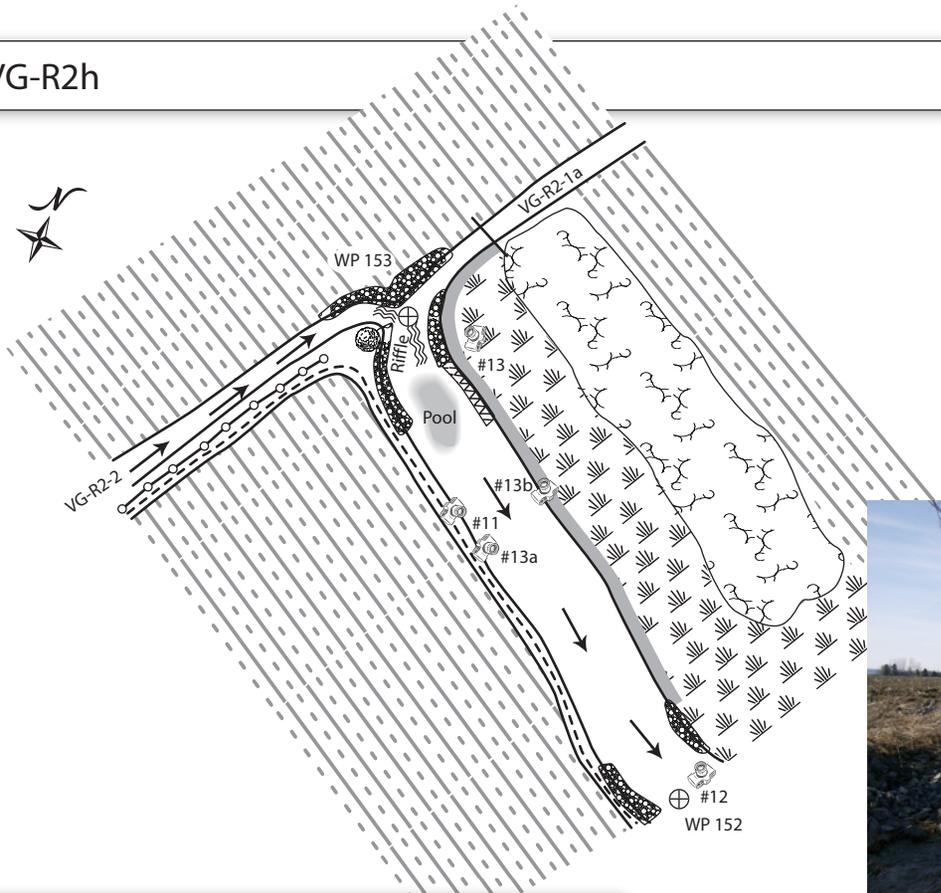


Photo #12 (April 16, 2008)



Taken looking upstream.
Right – showing forested area.
Left – showing farmers field
and bank stabilization.
Start of Reach VG-R2h.

Photo #13a (Aug. 3-9, 2008)



Photo #13 (April 16, 2008)



Taken looking upstream
showing junction of Reach VG-R2h
and VG-R2-2
Right – showing farmers field and
Reach VG-R2-1a.
Left – showing bank stabilization
and farmers field.

Map Legend

- | | | | |
|--|-------------------------------|--|------------------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Bank Erosion |
| | Road or tractor path | | Rocky outcrop/
Reinforced banks |
| | Ploughed field | | Fence |
| | Wild grass/ sedges/
shrubs | | Undercut bank |
| | Forested Area | | * Map NTS * |

Photo #13b (Aug. 3-9, 2008)



Taken looking downstream.

Photo #11 (April 10, 2008)



VG-R2-1a

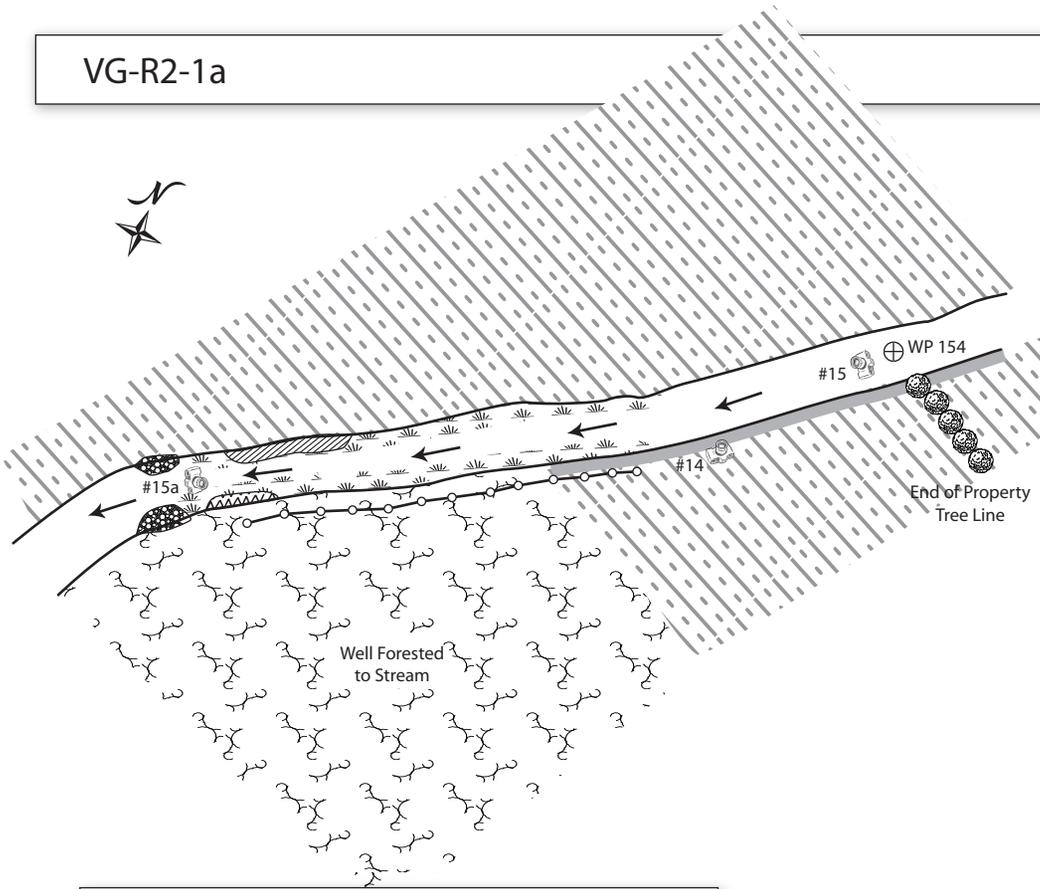


Photo #14 (April 16, 2008)



Taken showing in stream vegetation.

Photo #15 (April 16, 2008)



Taken looking downstream. Left – showing forested area and fence line. Right showing farmers field.

Map Legend

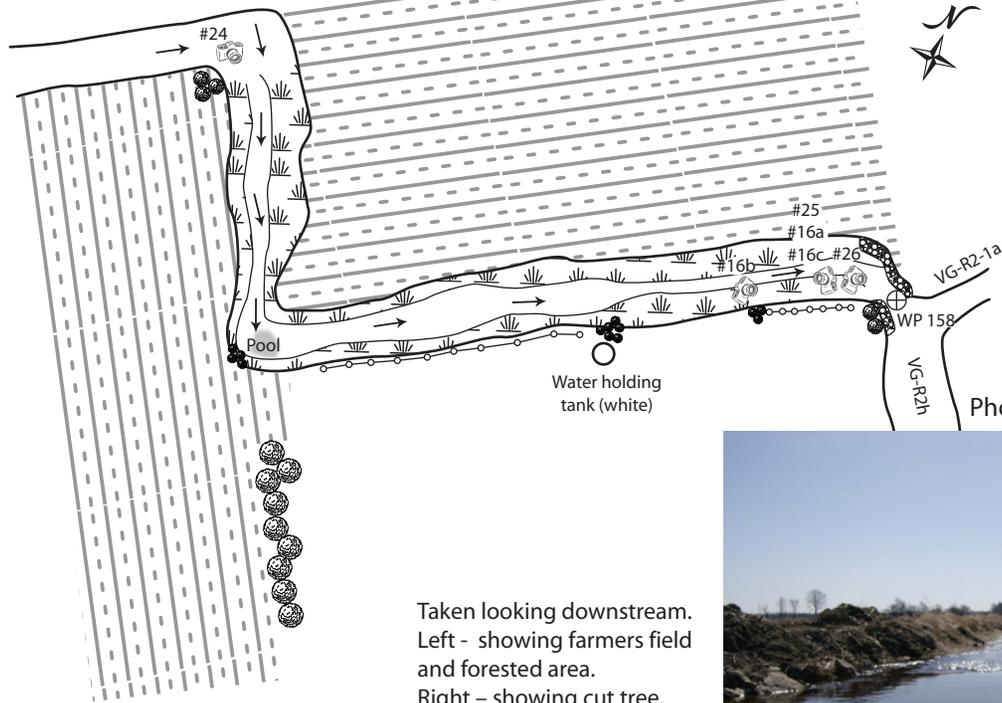
- | | | | |
|--|----------------------------|--|---------------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Bank Erosion |
| | Row of trees | | Rocky outcrop/ Reinforced banks |
| | Ploughed field | | Fence |
| | Wild grass/ sedges/ shrubs | | Undercut bank |
| | Forested Area | | |



Photo #15a (August 3-9, 2008)



VG-R2-2



Taken looking downstream.
Left - showing farmers field and forested area.
Right - showing cut tree.

Photo #25 (April 16, 2008)



Taken looking upstream.
Right - showing farmers field.
Left - showing fence line.
End of Reach VG-R2-2.

Photo #24 (April 16, 2008)



Photo #16a (April 10, 2008)



Photo #16c (Aug, 2008) ▶



Photo #16b (Aug 3-9, 2008)



Taken looking downstream.
Right - showing willow tree. Left - showing re-enforced bank.
Also, showing Reach VG-R2-1a in center of photo.
End of Reach VG-R2-2.

Photo #26 (April 16, 2008)



Map Legend

- | | | | |
|--|----------------------------|--|---------------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Road or tractor path |
| | Row of trees | | Rocky outcrop/ Reinforced banks |
| | Ploughed field | | Fence |
| | Wild grass/ sedges/ shrubs | | |
| | Beaver dam | | |



* Map NTS *

VG-R3a,b

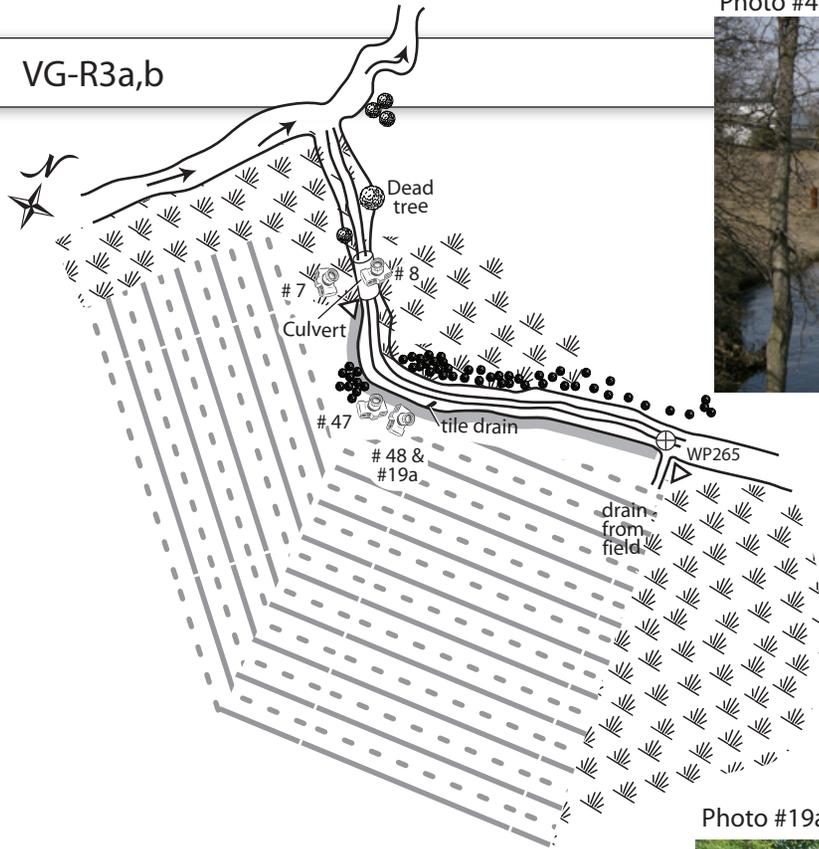


Photo #47 (April 16, 2008)



Taken looking downstream.
 Right – showing tree;
 Left – showing open wild grass filed;
 Center – showing damaged culvert that could be a fish barrier durring low water levels.
 Photo taken at elbow between VG-R3a and VG-R3b.

Photo #48 (April 16, 2008)



Taken looking upstream.
 Right – showing cluster of trees;
 Left – showing farmers field.
 Photo taken at elbow between VG-R3a and VG-R3b.

Photo #19a (August 3-9, 2008)



Taken looking upstream.
 Photo taken at elbow between VG-R3a and VG-R3b.

Photo #7 (October 22, 2008)



Culvert in middle of VG-R3a mostly crushed.

Photo #8 (October 22, 2008)
 Looking NE from top of culvert.



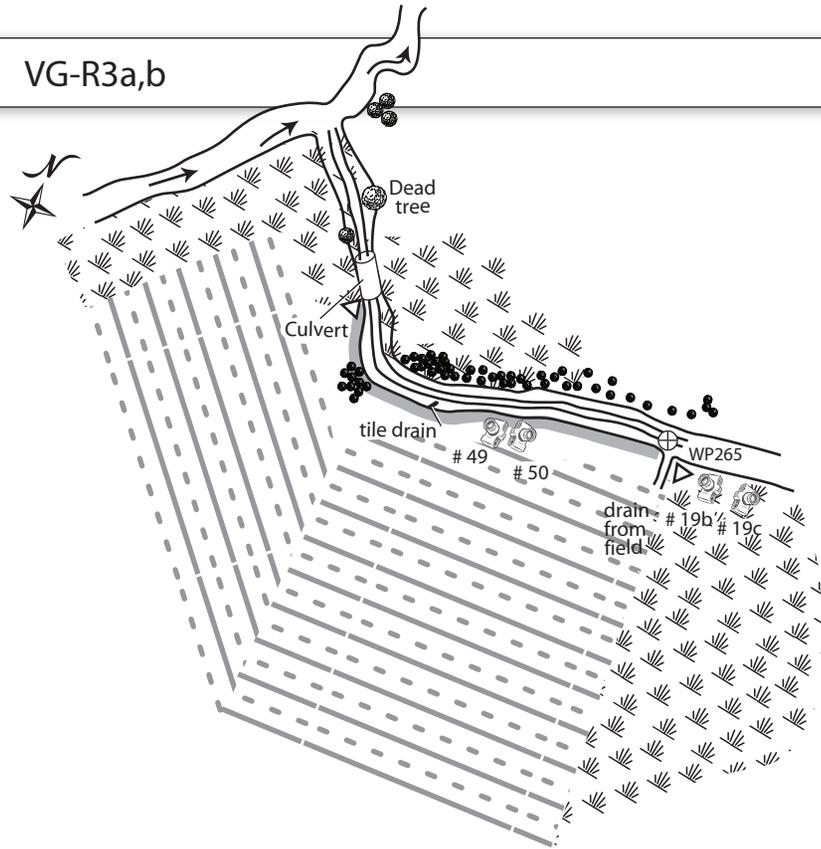
Map Legend

- Stream outline
- Vegated banks
- Flow direction
- Ploughed field
- Rocky outcrop/Reinforced banks
- Wild grass/sedges/shrubs
- Saplings
- Point & direction of photo
- Waypoint
- Road or tractor path
- Row of trees
- Waterpipes



* Map NTS *

VG-R3a,b



Map Legend

- Stream outline
- Vegated banks
- Flow direction
- Ploughed field
- Rocky outcrop/Reinforced banks
- Wild grass/sedges/shrubs
- Saplings
- Point & direction of photo
- Waypoint
- Road or tractor path
- Row of trees
- Waterpipes



* Map NTS *

Photo #49 (April 16, 2008)



Taken looking upstream.
Right – showing cluster of trees;
Left – showing farmers field and a few tree clusters.

Photo #50 (April 16, 2008)



Taken looking downstream.
Right – showing fence line and small tree clusters;
Left – showing cluster of trees with stream.
End of VG-R3b.

Photo #19b (August 3-9, 2008)



Taken looking downstream.
Middle of VG-R3b.

Photo #19c (August 3-9, 2008)



Taken looking upstream.
Middle of VG-R3b.

VG-R3-1

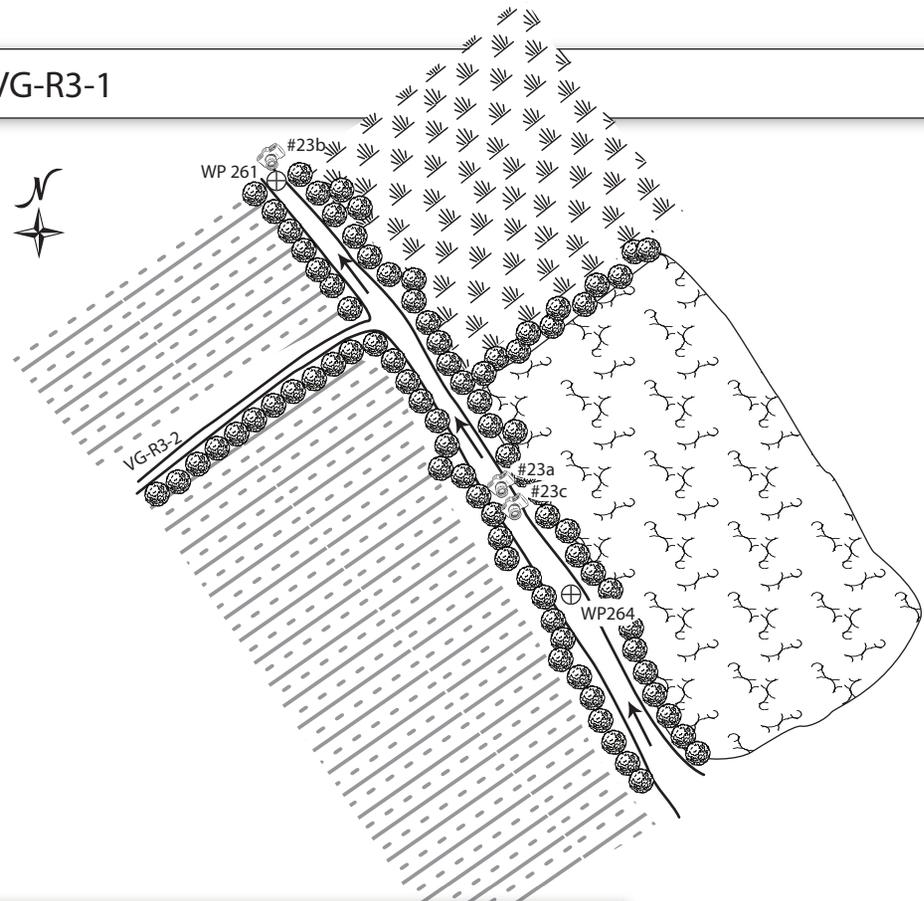


Photo #23a (August 3-9, 2008)



Taken looking upstream, midway up reach

Photo #23b (August 3-9, 2008)

Taken looking East from the tile drain at WP 261.



Photo #23c (August 3-9, 2008)



Map Legend

	Stream outline		Point & direction of photo
	Vegated banks		Waypoint
	Flow direction		Bank Erosion
	Road or tractor path		Rocky outcrop/ Reinforced banks
	Ploughed field		Fence
	Wild grass/ sedges/ shrubs		Undercut bank
	Forested Area		

* Map NTS *

VG-R3-2a

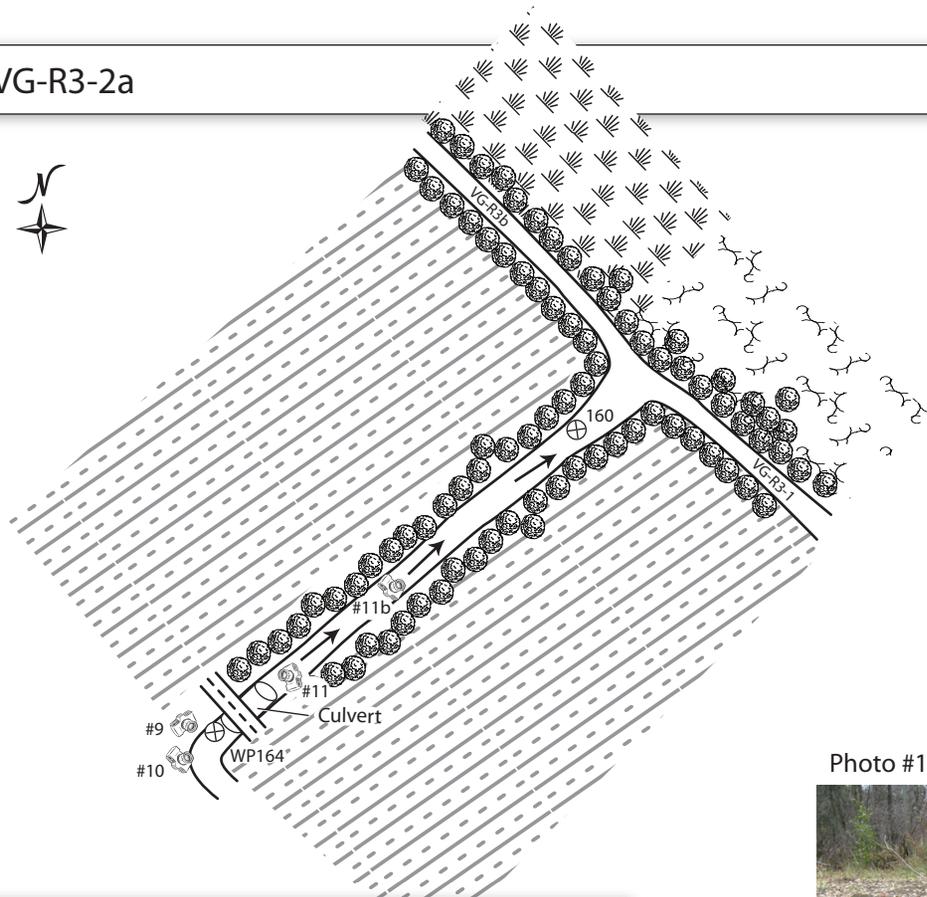


Photo #9 (Oct. 22, 2008)



The eastern end of this channel drops just a few cm into VG-R3. The trees are well spaced without too much ground cover. Photo taken looking east from WP 164.

Photo #10 (Oct. 22, 2008)



The culvert is open at the western end and mostly blocked by fallen trees on the eastern end.

Photo #11 (Oct. 22, 2008)



Photo #11b (Aug. 9, 2008)



Map Legend

- | | | | |
|--|----------------------------------|--|------------------------------------|
| | Stream outline | | Point & direction of photo |
| | Vegated banks | | Waypoint |
| | Flow direction | | Bank Erosion |
| | Road or tractor path | | Rocky outcrop/
Reinforced banks |
| | Ploughed field | | Fence |
| | Wild grass/
sedges/
shrubs | | Undercut bank |
| | Forested Area | | |



* Map NTS *

VG-R3-2b

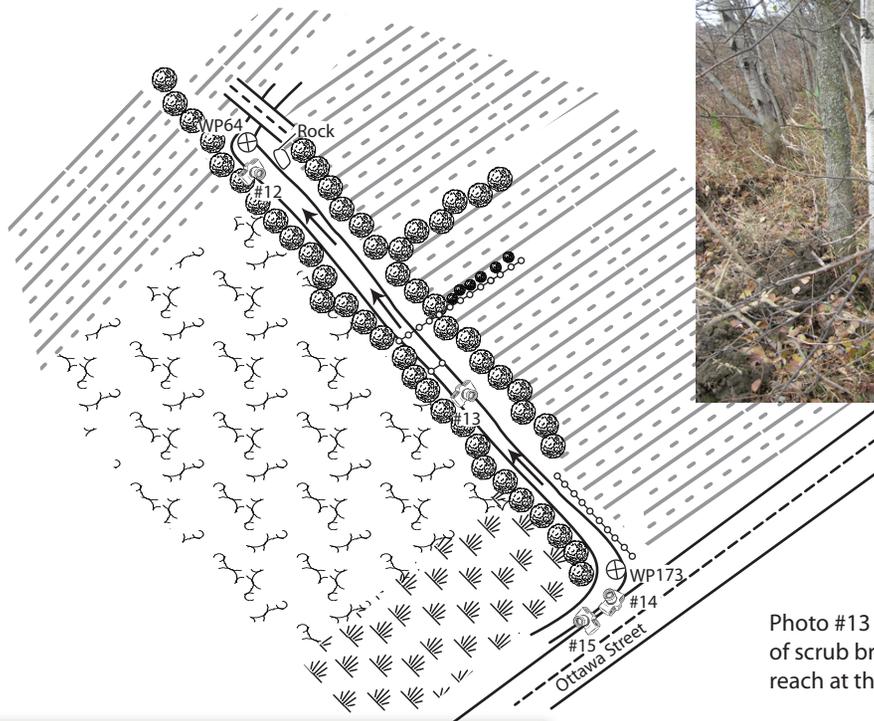


Photo #12 (Oct. 22, 2008)



VG-R3b is a shallow, straight run with ploughed fields on the North East side and forest for much of the south western border. This photo shows the line of trees down the Southwest side.

Photo #13 (Oct. 22, 2008)



Photo #13 shows the increase of scrub brush covering the reach at this point.

Map Legend

	Stream outline		Point & direction of photo
	Vegated banks		Waypoint
	Flow direction		Bank Erosion
	Road or tractor path		Rocky outcrop/ Reinforced banks
	Ploughed field		Fence
	Wild grass/ sedges/ shrubs		Undercut bank
	Forested Area		



* Map NTS *

Photo #14 (Aug. 3, 2008)



Photo #15 (Aug. 3, 2008)



Photo #21a (April 16, 2008)



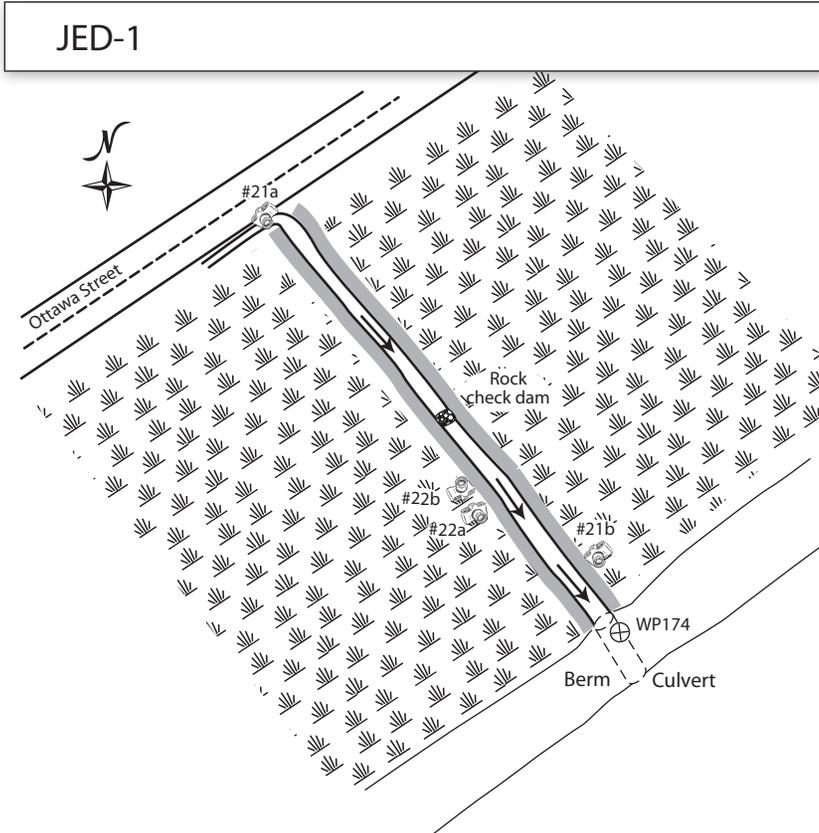
Photo #21b (April 16, 2008)



Photo #22a (Aug. 3, 2008)



Photo #22b (Aug. 3, 2008)



Map Legend

- Stream outline
- Vegated banks
- Flow direction
- Road or tractor path
- Ploughed field
- Wild grass/ sedges/ shrubs
- Point & direction of photo
- Waypoint
- Bank Erosion
- Rocky outcrop/ Reinforced banks



* Map NTS *