

Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

		COHESIVE BLUFF AREAS						
		GEN		TH OF AND INCLUDING MAPLE GROVE SUBDIVISION				
4830000	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES				
	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.				
	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling				
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)				
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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

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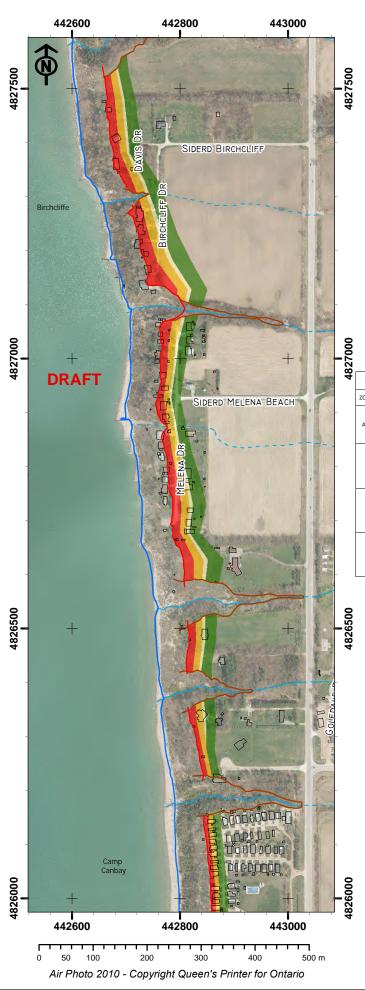
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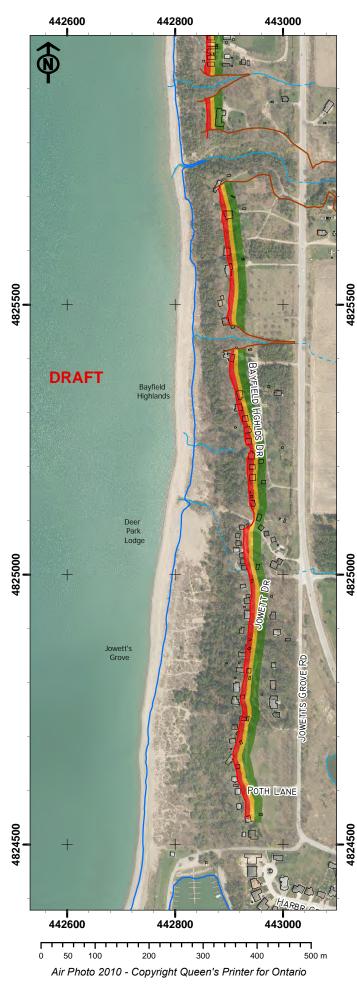
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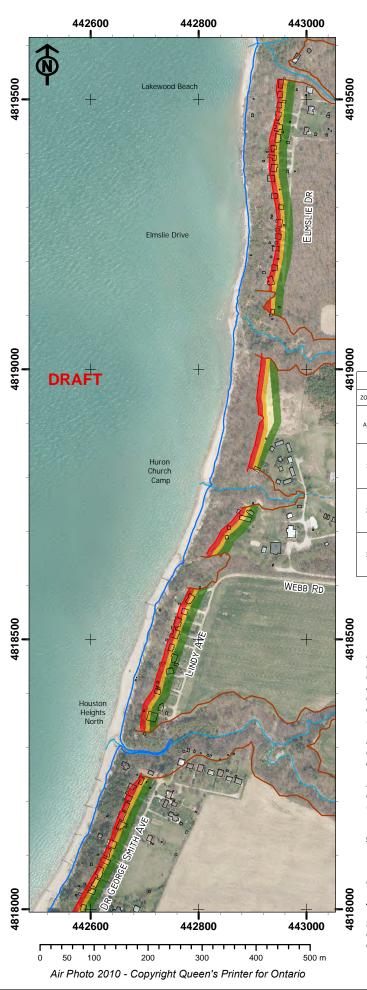
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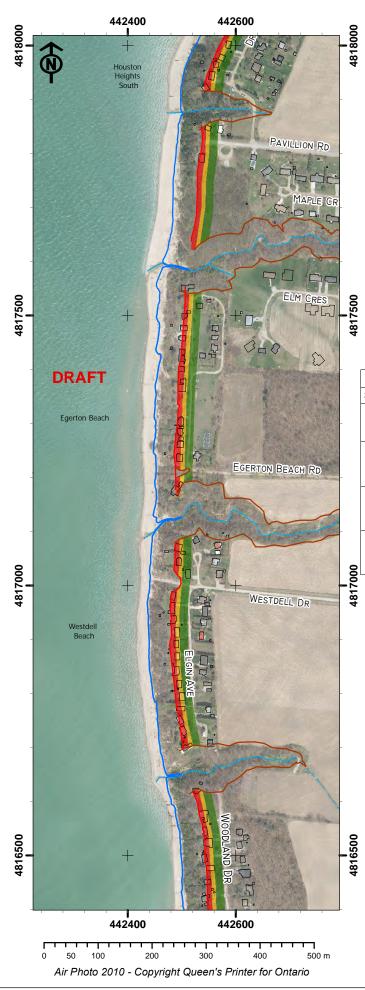
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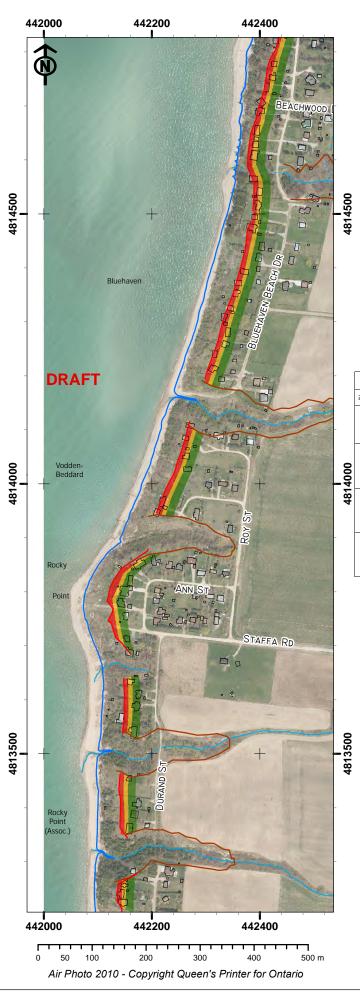
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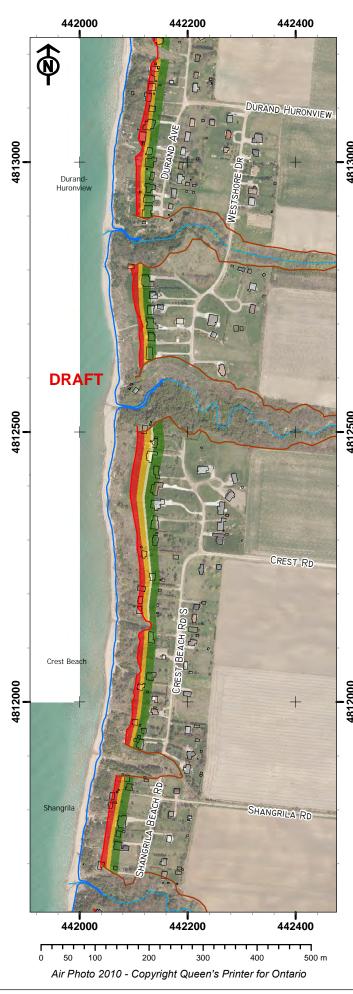
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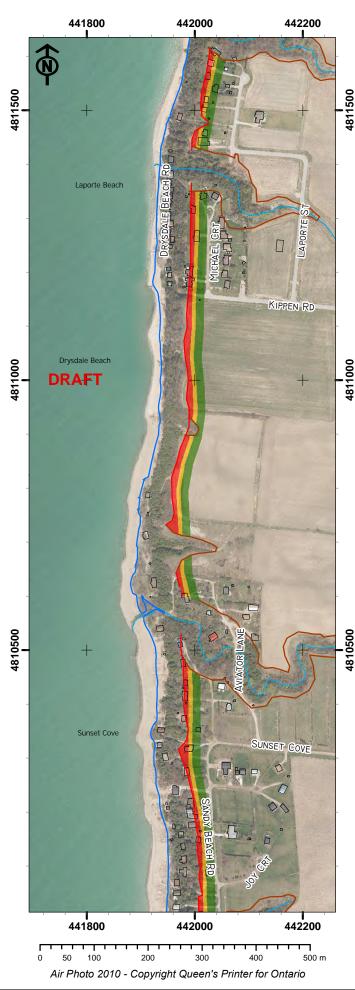
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	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkle) Lot re-development, new dwellings on existing vacant lots					

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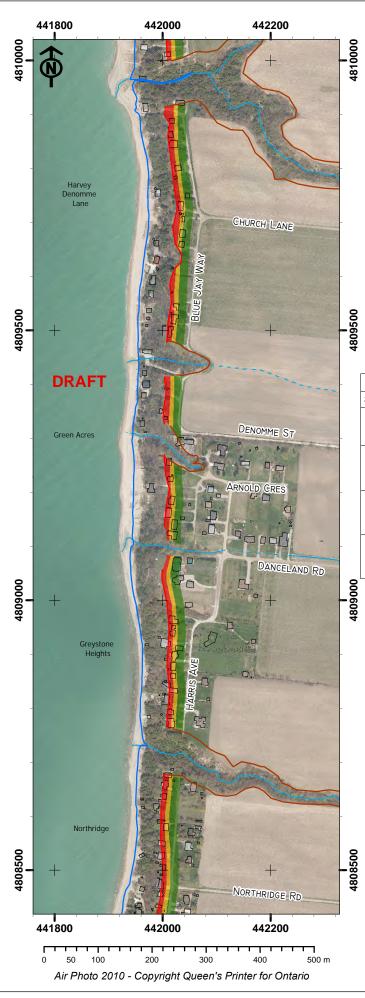
Mapping Notes:

Lakeshore Area 1 in the cohesive bluffs calculated from 2007 vector data and contours aquired from First Base Solutions and a 0.25 m DEM created by the ABCA, except in areas where toe erosion has occured. In these areas data from the 2015 SWOOP project was used.

Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

Stable Slope (3:1) - Gully

Surface watercourse

-- Subsurface (tile) waterflow

	COHESIVE BLUFF AREAS				
	GEN		TH OF AND INCLUDING MAPLE GROVE SUBDIVISION		
ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES		
ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.		
1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling		
2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)		
3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkle) Lot re-development, new dwellings on existing vacant lots		

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Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.



442000 442400 442200 DUCHARME BEACH RD **DRAFT** ista Beach 4807500 ANTOINE Antoine Shores 442000 442200 442400 500 m Air Photo 2010 - Copyright Queen's Printer for Ontario

Ausable Bayfield CA Lake Huron Shoreline Hazards DRAFT SUBCELL 3 DRAFT

Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

	COHESIVE BLUFF AREAS			
	ZONE	ZONE DEFNITION	MAP COLOUR	TH OF AND INCLUDING MAPLE GROVE SUBDIVISION PERMITTED ACTIVITIES
4807500	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.
	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkle) Lot re-development, new dwellings on existing vacant lots

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Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Ausable Bayfield CA Lake Huron Shoreline Hazards DRAFT SUBCELL 3 Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

— Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

		COHESIVE BLUFF AREAS GENERALLY NORTH OF AND INCLUDING MAPLE GROVE SURDIVISION				
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES		
4806000	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.		
	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling		
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)		
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie) Lot re-development, new dwellings on existing vacant lots		

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Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Ausable Bayfield CA Lake Huron Shoreline Hazards DRAFT SUBCELL 3 Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

— Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

		COHESIVE BLUFF AREAS					
		GEN	ERALLY NOR	TH OF AND INCLUDING MAPLE GROVE SUBDIVISION			
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES			
4804500	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and rosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.			
480	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling			
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)			
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie) Lot re-development, new dwellings on existing vacant lots			

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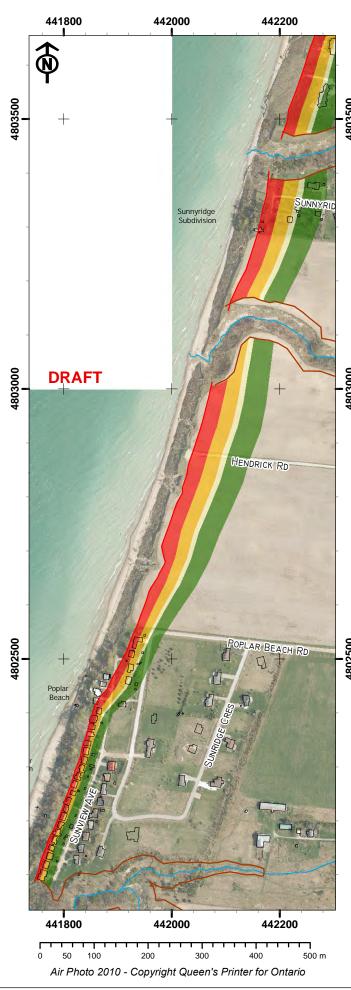
Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

— Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

8	COHESIVE BLUFF AREAS						
4803000		GEN	IERALLY NOR	TH OF AND INCLUDING MAPLE GROVE SUBDIVISION			
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES			
4	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.			
	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling			
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)			
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures (re. bunkle) accessory structures (i.e. bunkle) Lot re-development. new dwellings on existing vacant lots			

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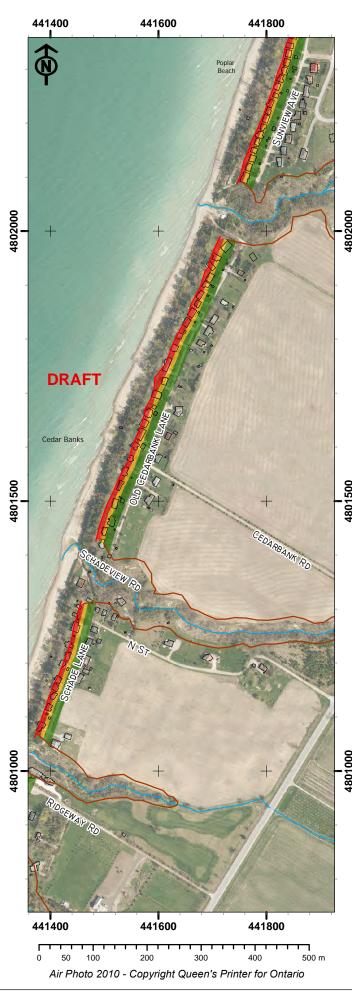
Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Ausable Bayfield CA Lake Huron Shoreline Hazards DRAFT SUBCELL 3 Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

	COHESIVE BLUFF AREAS				
L		GEN	IERALLY NOF	TH OF AND INCLUDING MAPLE GROVE SUBDIVISION	
2	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES	
	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.	
2	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling	
200	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)	
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie) Lot re-development, new dwellings on existing vacant lots	

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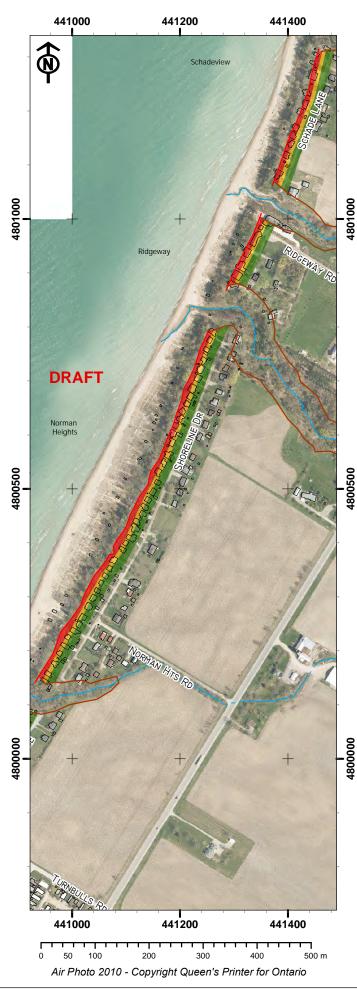
Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

— Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

		COHESIVE BLUFF AREAS GENERALLY NORTH OF AND INCLUDING MAPLE GROVE SUBDIVISION					
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES			
4800500	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.			
	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling			
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)			
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures (i.e. bunkie) accessory structures (i.e. bunkie)			

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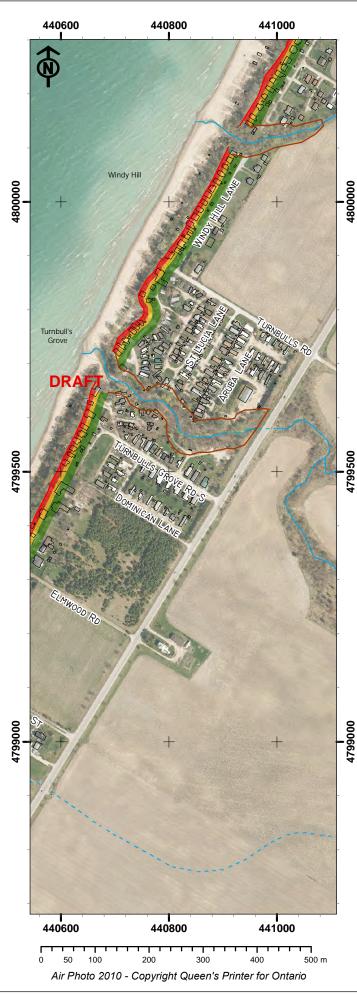
Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

	COHESIVE BLUFF AREAS						
		GEN	IERALLY NOR	TH OF AND INCLUDING MAPLE GROVE SUBDIVISION			
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES			
	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.			
4799500	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling			
7	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkle)			
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie) Lot re-development, new dwellings on existing vacant lots			

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Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

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Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

				COHESIVE BLUFF AREAS
GENERALLY NORTH OF AND INCLUDING MAPLE GROVE SUBDIVISION				
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES
4799000	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.
4	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)
	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkle) Lot re-development, new dwellings on existing vacant lots

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Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

— Stable Slope (3:1) - Gully

Surface watercourse

-- Subsurface (tile) waterflow

	COHESIVE BLUFF AREAS GENERALLY NORTH OF AND INCLUDING MAPLE GROVE SUBDIVISION				
ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES		
ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.		
1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling		
2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)		
3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkle) Lot re-development, new dwellings on existing vacant lots		

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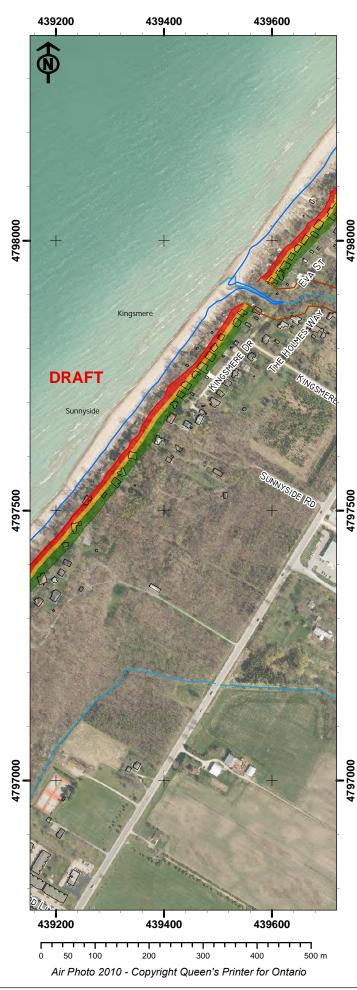
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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Cohesive bluffs

Lakeshore features

Lake 100 year flood (FDRP 1988)

Stable Slope (3:1) - Lakeshore Area 1

Cohesive Bluffs Policy Zones

0 - see Lakeshore Area 1 activities

1 - minor additions

2 - major and minor additions with conditions

3 - all activities except new lots

Building

— Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

	COHESIVE BLUFF AREAS					
		GEN		TH OF AND INCLUDING MAPLE GROVE SUBDIVISION		
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES		
4797500	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.		
	1	Greater landward measurement of 7.5 m from Lakeshore Area 1 or the location of the 25 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling		
	2	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 50 year erosion line		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkie)		
•	3	Greater landward measurement of 15.0 m from Lakeshore Area 1 or the location of the 60 year erosion		Minor Additions, swimming pool, new septic systems provided landward of dwelling Major additions, non-habitable accessory structures greater than 10 sq. m., habitable accessory structures (i.e. bunkle) Lot re-development, new dwellings on existing vacant lots		

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Mapping Notes:

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.





Dynamic Beach

Lakeshore features

Lake 100 year flood (FDRP 1988)

— Dynamic Beach - Limit of Lakeshore Area 1

Dynamic Beach Lakeshore Policy Zone Policy Zone

0 - see Lakeshore Area 1 activities

1 - major and minor additions

2 - major and minor additions plus

Building

Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

	DYNAMIC BEACH AREAS					
	GENERALLY SOUTH OF MAPLE GROVE SUBDIVISION					
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES		
439000	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.		
43	1	Landward setback of 7.5 m. from Lakeshore Area 1		Major additions, minor additions, swimming pool, non-habitable accessory structures greater than 10 sq. m.		
	2	Landward setback of 15.0 m. from Lakeshore Area 1		Major additions, minor additions, swimming pool, non-habitable accessory structures greater than 10 sq. m. Habitable accessory structures, lot re-development where insufficient room landward of Lakeshore Area 2, new dwellings on existing vacant lots where insufficient room landward of Lakeshore Area 2		

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Mapping Notes:

Lakeshore Area 1 in the cohesive bluffs calculated from 2007 vector data and contours aquired from First Base Solutions and a 0.25 m DEM created by the ABCA, except in areas where toe erosion has occured. In these areas data from the 2015 SWOOP project was used.

Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.



4796500 438200 438400 Grand Bend **DRAFT** LAKEVIE 437000 437200 4795000 100 400 Air Photo 2010 - Copyright Queen's Printer for Ontario

Ausable Bayfield CA Lake Huron Shoreline Hazards DRAFT SUBCELL 4 DRAFT

Dynamic Beach

Lakeshore features

Lake 100 year flood (FDRP 1988)

Dynamic Beach - Limit of Lakeshore Area 1

Dynamic Beach Lakeshore Policy Zone Policy Zone

0 - see Lakeshore Area 1 activities

1 - major and minor additions

2 - major and minor additions plus

Building

— Stable Slope (3:1) - Gully

Surface watercourse

--- Subsurface (tile) waterflow

Ŏ	DYNAMIC BEACH AREAS GENERALLY SOUTH OF MAPLE GROVE SUBDIVISION					
38						
4380	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES		
	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.		
	1	Landward setback of 7.5 m. from Lakeshore Area 1		Major additions, minor additions, swimming pool, non-habitable accessory structures greater than 10 sq. m.		
	2	Landward setback of 15.0 m. from Lakeshore Area 1		Major additions, minor additions, swimming pool, non-habitable accessory structures greater than 10 sq. m. Habitable accessory structures, lot re-development where insufficient room landward of Lakeshore Area 2, new dwellings on existing vacant lots where insufficient room landward of Lakeshore Area 2		

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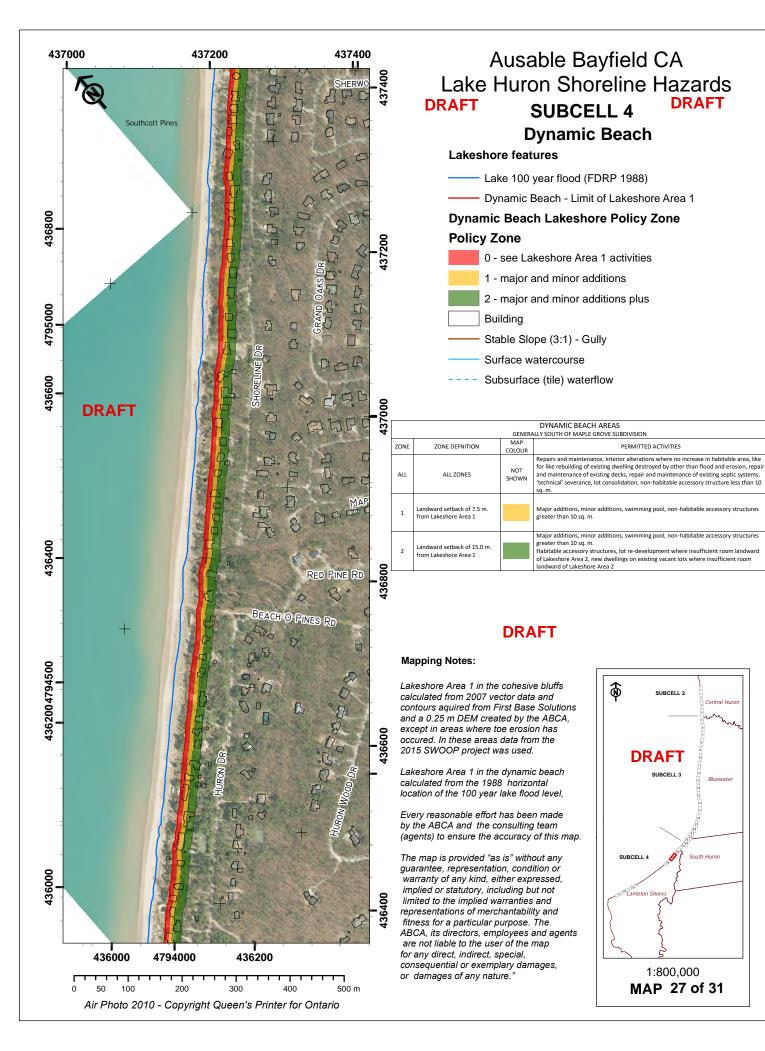
Mapping Notes:

Lakeshore Area 1 in the cohesive bluffs calculated from 2007 vector data and contours aquired from First Base Solutions and a 0.25 m DEM created by the ABCA, except in areas where toe erosion has occured. In these areas data from the 2015 SWOOP project was used.

Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

Every reasonable effort has been made by the ABCA and the consulting team (agents) to ensure the accuracy of this map.







Dynamic Beach

Lakeshore features

Lake 100 year flood (FDRP 1988)

— Dynamic Beach - Limit of Lakeshore Area 1

Dynamic Beach Lakeshore Policy Zone Policy Zone

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Building

Stable Slope (3:1) - Gully

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--- Subsurface (tile) waterflow

	DYNAMIC BEACH AREAS					
	GENERALLY SOUTH OF MAPLE GROVE SUBDIVISION					
	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES		
435800	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.		
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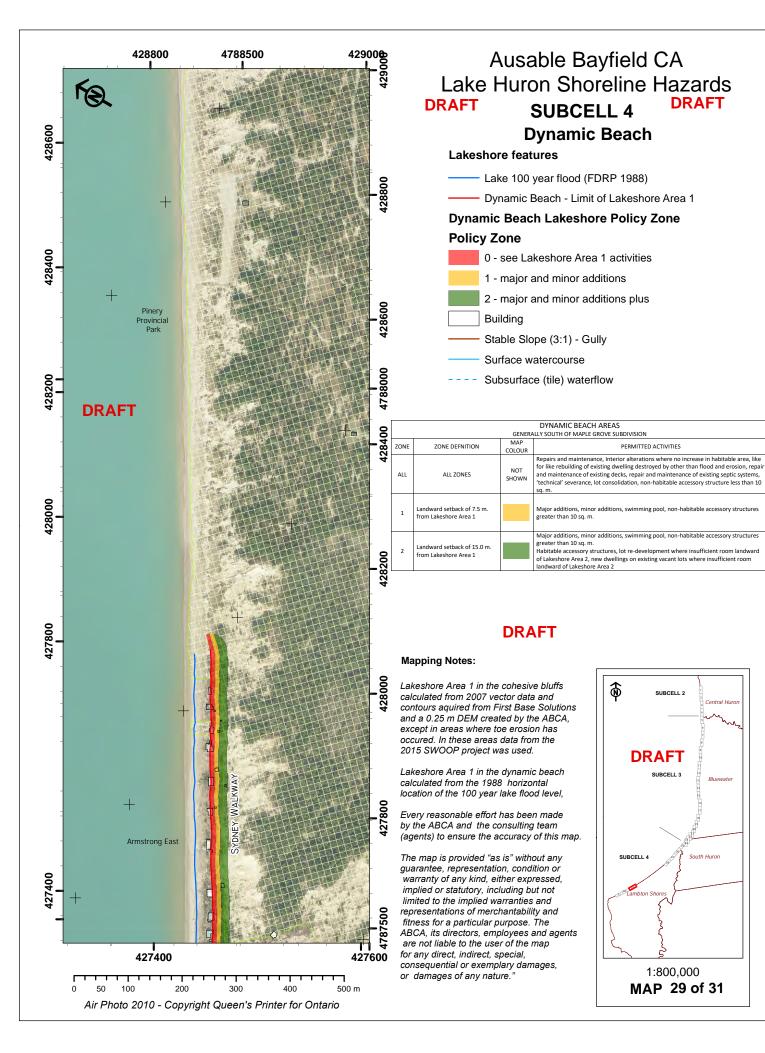
Mapping Notes:

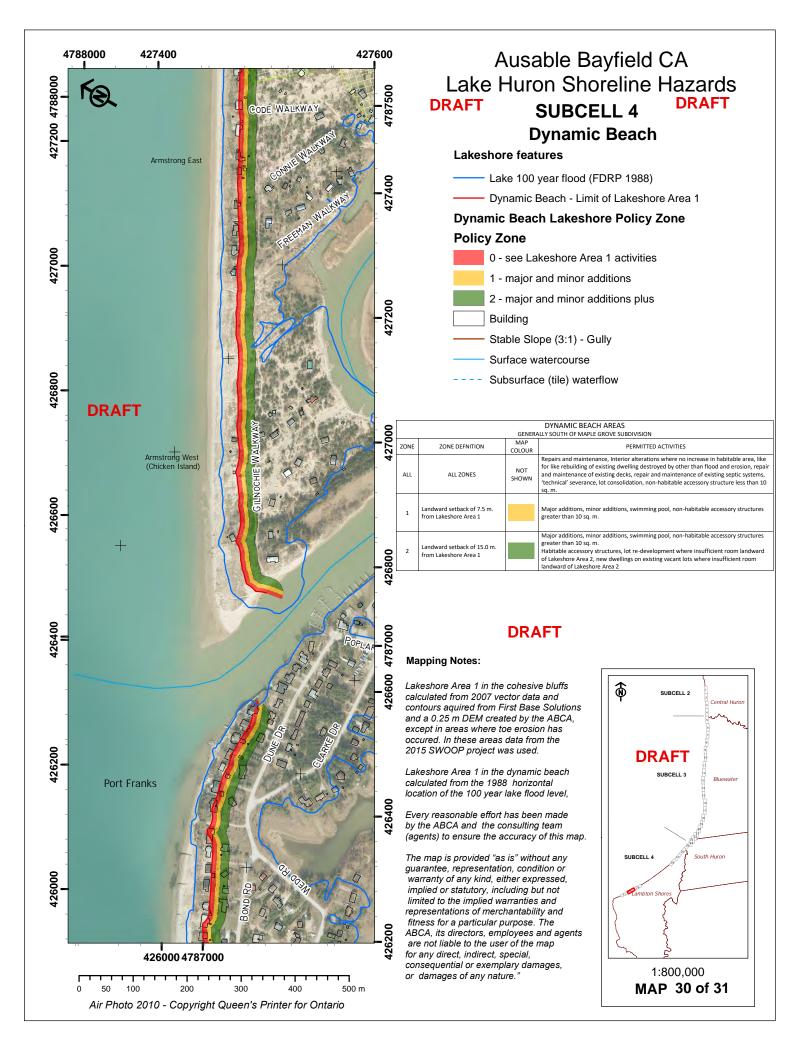
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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

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426000 4787000 **DRAFT** Kettle and 86500424600 Stoney Point 4786000 424600 300 500 m Air Photo 2010 - Copyright Queen's Printer for Ontario

Ausable Bayfield CA Lake Huron Shoreline Hazards DRAFT SUBCELL 4 DRAFT

Dynamic Beach

Lakeshore features

Lake 100 year flood (FDRP 1988)

Dynamic Beach - Limit of Lakeshore Area 1

Dynamic Beach Lakeshore Policy Zone Policy Zone

0 - see Lakeshore Area 1 activities

1 - major and minor additions

2 - major and minor additions plus

Building

Stable Slope (3:1) - Gully

Surface watercourse

- Subsurface (tile) waterflow

-							
3		DYNAMIC BEACH AREAS					
ຽ	GENERALLY SOUTH OF MAPLE GROVE SUBDIVISION						
4256	ZONE	ZONE DEFNITION	MAP COLOUR	PERMITTED ACTIVITIES			
	ALL	ALL ZONES	NOT SHOWN	Repairs and maintenance, Interior alterations where no increase in habitable area, like for like rebuilding of existing dwelling destroyed by other than flood and erosion, repair and maintenance of existing decks, repair and maintenance of existing septic systems, 'technical' severance, lot consolidation, non-habitable accessory structure less than 10 sq. m.			
	1	Landward setback of 7.5 m. from Lakeshore Area 1		Major additions, minor additions, swimming pool, non-habitable accessory structures greater than 10 sq. m.			
25400	2	Landward setback of 15.0 m. from Lakeshore Area 1		Major additions, minor additions, swimming pool, non-habitable accessory structures greater than 10 sq. m. Habitable accessory structures, lot re-development where insufficient room landward of Lakeshore Area 2, new dwellings on existing vacant lots where insufficient room landward of Lakeshore Area 2.			

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Lakeshore Area 1 in the dynamic beach calculated from the 1988 horizontal location of the 100 year lake flood level,

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