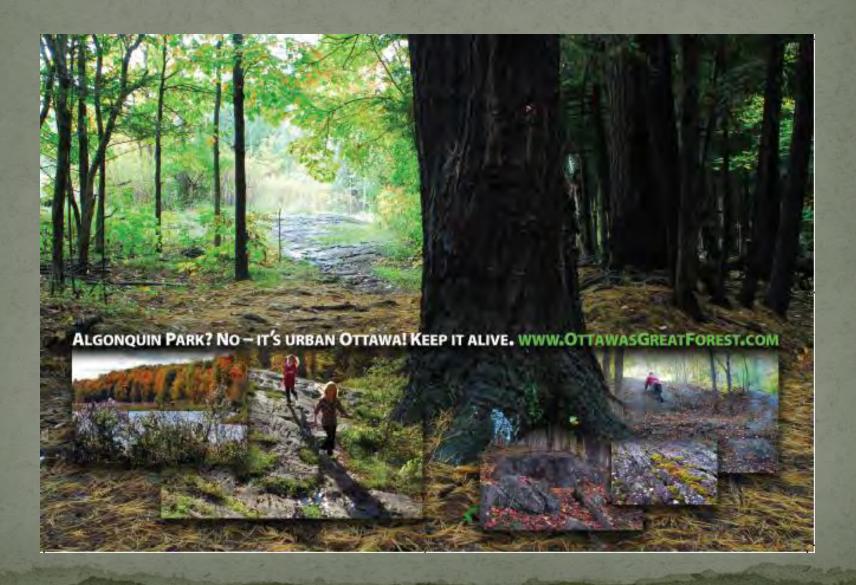


#### National Capital's 3 Major Eco-Corridors

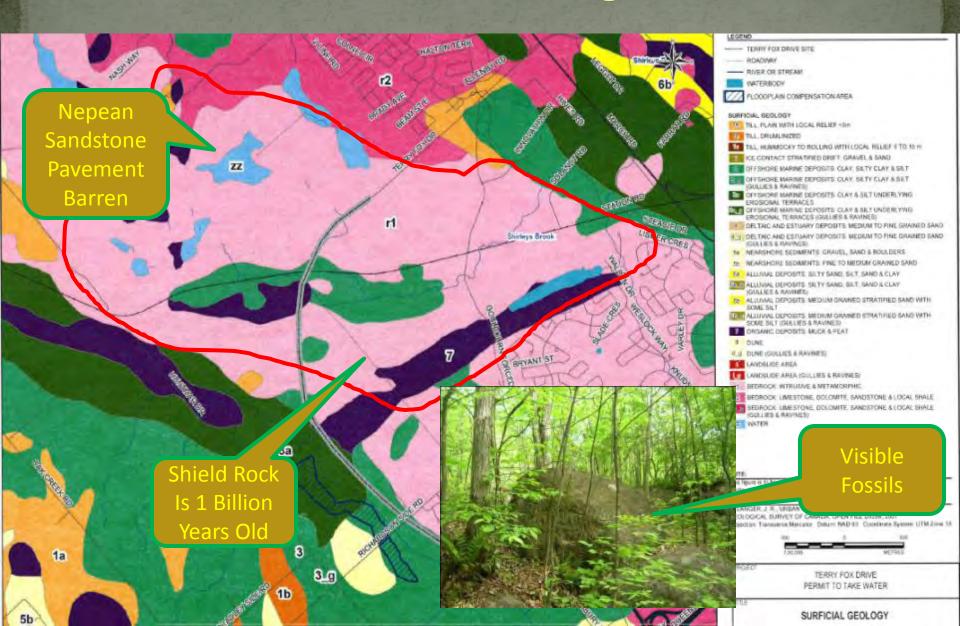




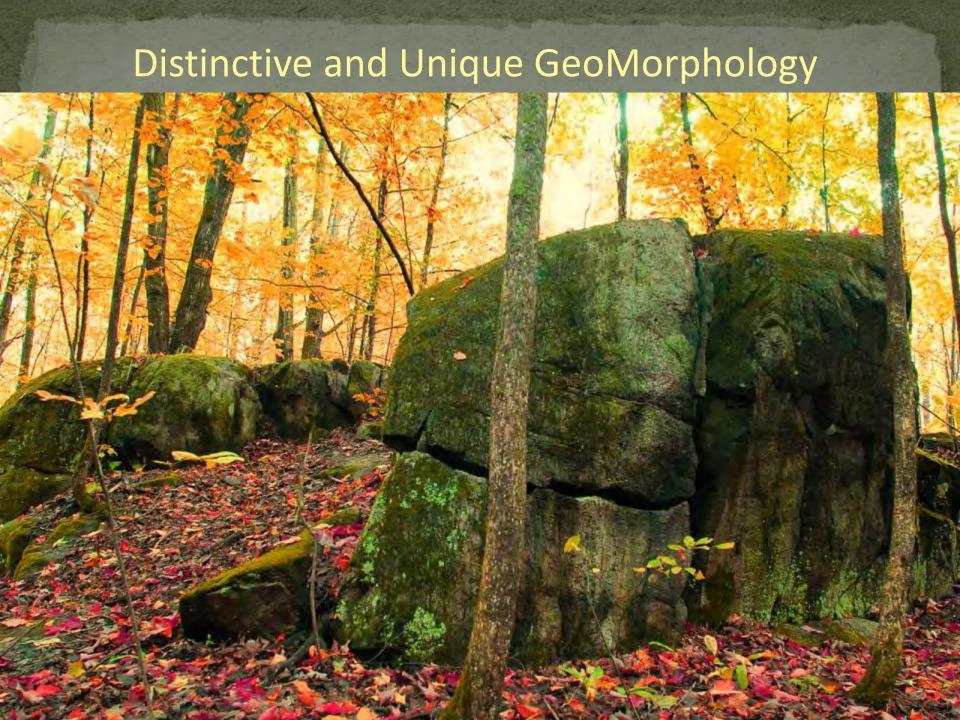
#### Critical Habitat For Anishinabe Culture



#### Rich GeoHeritage



# Only Location In Ottawa with Exposed Canadian Shield



## Glaciation & Ancient Sea on Display



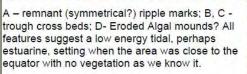


In area B, glacial chatter marks (above); striations (top right) and crescent gouges are evident. Only chatter marks and crescent gouges provide ice movement direction. The striated surface retains a remnant mm-thick glacial pavement of semi-fused quartz grains.













# + Provincially Significant Wetland Complex 114 Hectares 164 Avian Species Rated ANSI Observed 1 Endangered 4 Threatened 5 Special Concern 30 Regionally Rare Avian Species

#### Provincially Significant Life Science Area

895 Hectares Rated ANSI

Highest Floristic Diversity of Any Natural Area in Ottawa

> 5.08 = Highest Coefficient of Conservation in Ottawa

440 Species
<a href="Mative">Native</a> Vascular Plants

26 Species
Traditionally Used for
Native Medicine

2 Endangered 6 Provincially Rare 64 Regionally Rare 50 Uncommon Native Vascular Plants

# Old Growth Commonly Found



## No Comprehensive Biological Survey



#### 20 Known Species At Risk

#### **Endangered or**

#### **Threatened**

- American Ginseng
- Butternut
- Loggerhead Shrike
- Bobolink
- Whip-poor-will
- Golden Winged Warbler
- Olive Sided Flycatcher
- Western Chorus Frog
- Blanding's Turtle
- Eastern Musk Turtle
- Chimney Sweep

#### **Special**

#### **Concern**

- Bridle Shiner
- Short Eared Owl
- Black Tern
- Common Nighthawk
- Snapping Turtle
- Eastern Milksnake
- Monarch Butterfly
- Bald Eagle
  - Red Headed Woodpecker

#### 11 Species Already Extirpated From SMH

- Cathcart's Woodsia
- Oregon Woodsia
- Spiny Coon-tail
- Adder's-tongue Fern
- Back's Sedge
- Large Duckweed
- Long-spurred Violet
- Showy Orchis
- Southern Arrow-wood
- Strawberry-blight
- Virginia Spring Beauty



#### 18 Candidate SAR Also Found in SMH

- Evening Grosbeak
- Eastern Wood Peewee
- Wood Thrush
- Bank Swallow
- American Bullfrog
- American Kestrel
- Belted-Kingfisher
- Eastern Red-Backed Salamande
- Field Sparrow

- Blue-Spotted Salamander
- American Toad
- Bluntnose Minnow
- Boreal Chickadee

<u>Killdeer</u>

Midland Painted Turtle

Northern Two-Lined Salamander

- Green Frog
- Wood Frog

#### South March Highlands



## Prehistory of Ottawa



Dr. Robert McGhee:

... the rocky upland areas .... should be considered to be of high potential for occupation by early postglacial sea mammal hunters along subsequent shorelines as local sea levels dropped from about 120 m above current sea level at around 11,000 radiocarbon years ago, to 90 meters above sea level at some time around 9,000 years ago.

# Cultural Heritage Known Archaeological Sites In SMH



#### 500 Generation Old – Chopping Tool



Bi-Face indicates Paleo-Archaic Indian

Elevation at location (1) indicates approximate age as 10,000 BCE



#### 500 Generation Old – Chiselled Core



Quartz indicates Paleo-Archaic Indian

Similar site at location (3) to location (1)

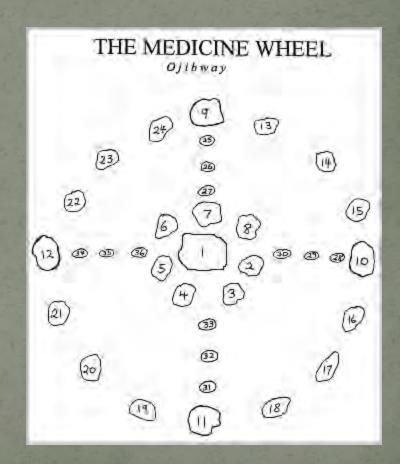
Elevation indicates approximate age as 10,000 BCE



#### Unassessed Stone Circle



- Found at Location (4)
- The site is disturbed however the 4 major stones at the Cardinal Points are found (#9, 10, 11, 12) as are the stones for the central circle
- Kitchi Makwa from the Inter-Tribal Medicine Council declares that this is a genuine site that could be rebuilt



#### Euro-Canadian Sites Too



McMurtry's Tannery (Circa 1860)

#### Also:

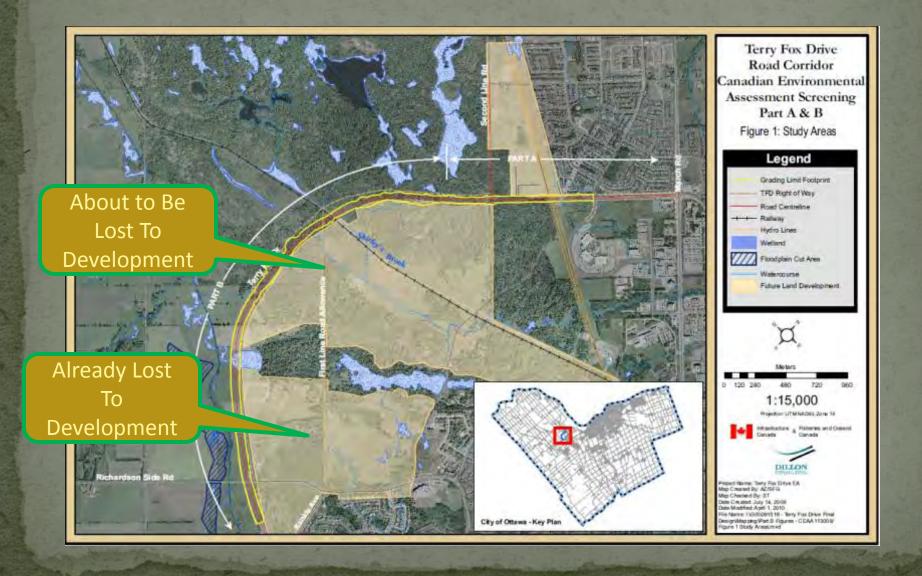
- Several 19<sup>th</sup> Century homestead sites dating back to 1820 (as old as Pinhey's Point)
- Richardson Stone House dating back to approx. 1860 (as old as the Log Farm)
- A Feldspar Mine dating approximately to 1919-1921 (unique in Ottawa)

#### Ontario Archaeological Society

- The Ottawa Chapter, Ontario Archaeological Society (OAS) sympathizes with Dr. Abell's cry of frustration over the inadequacy of existing protection for archaeological and architectural sites in Ottawa and the province of Ontario
- Heritage organizations and the community as a whole are coming to realize that they and future generations are losing irreplaceable features through uncontrolled commercial expansion.
- The motion adopted in September by the City of Ottawa Arts, Heritage and Cultural Committee obviously needs some teeth as well as good intentions

Glenna Roberts, Ottawa Chapter, OAS

#### Development Threatens 1/2 The SMH



# Alternative Vision of Eco-Corridors Revitalizing The Emerald Necklace

