



# Western Hudson Bay Polar Bear Aerial Survey 2016



Wildlife Research Section  
GN - Department of Environment









# በጠቅላይ ሚኒስትር ጽ/ቤት የሚከተለው ስልጠና ለሚከተሉት ግብዓቶች ይኖራል፡

- ለደብዳቤ ስልጠና የሚሰጡትን ግብዓቶች ለማሟላት የሚያስፈልጉትን ስልጠናዎች ለማድረግ
- የሚከተሉትን ስልጠናዎች ለማድረግ፡
  - ለደብዳቤ ስልጠና ለሚሰጡት ግብዓቶች የሚያስፈልጉትን ስልጠናዎች ለማድረግ
  - ለደብዳቤ ስልጠና ለሚሰጡት ግብዓቶች የሚያስፈልጉትን ስልጠናዎች ለማድረግ



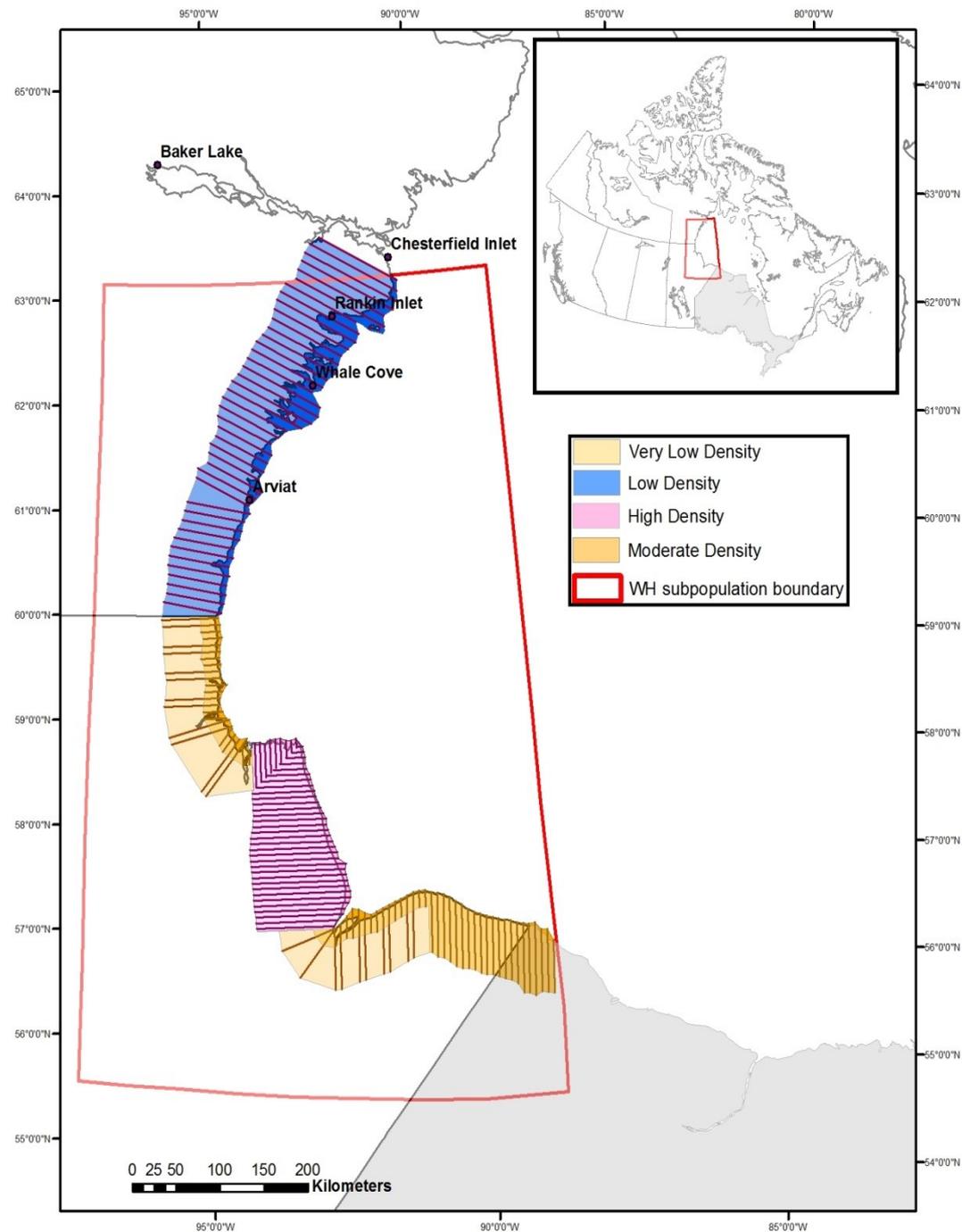


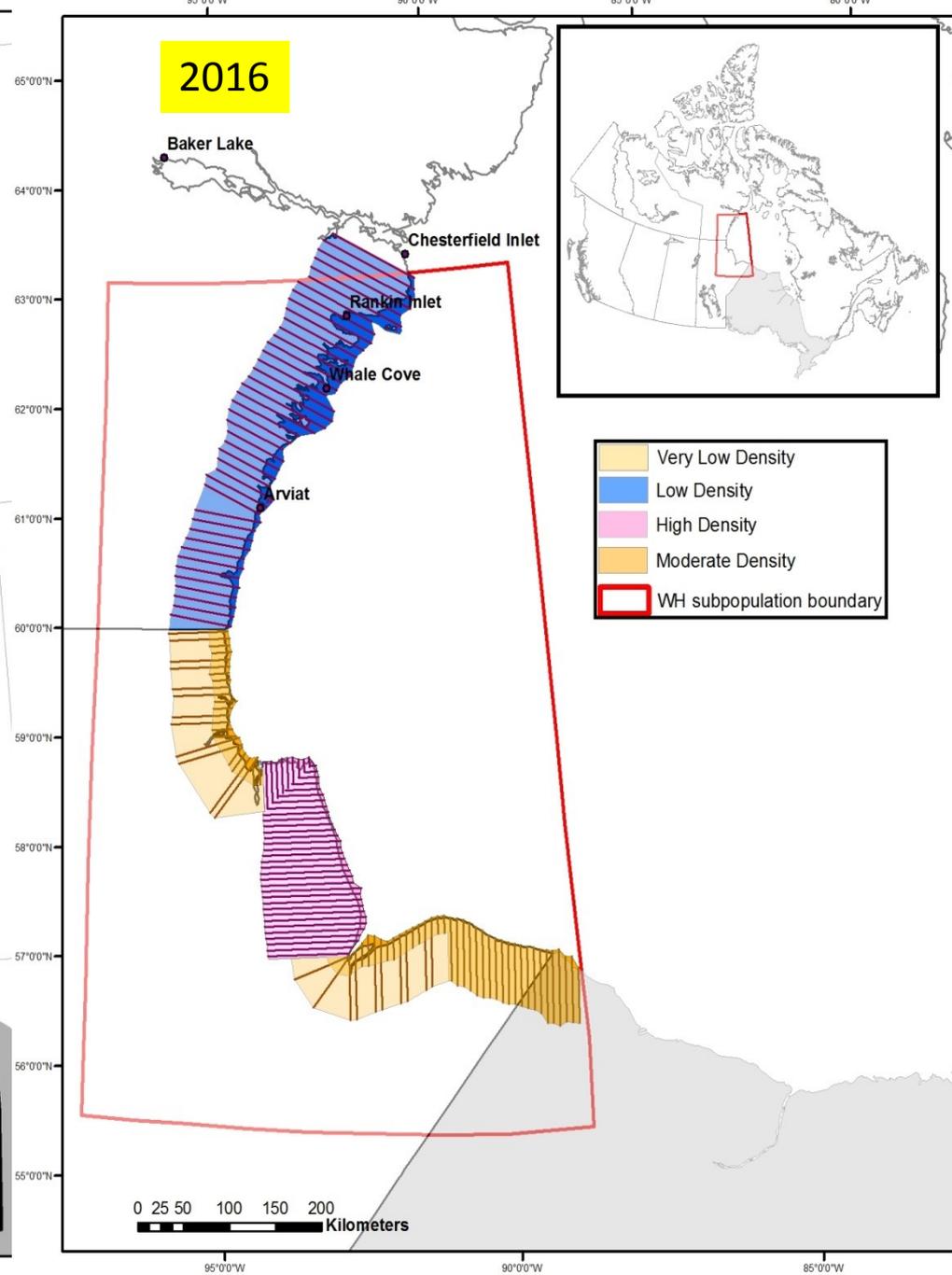
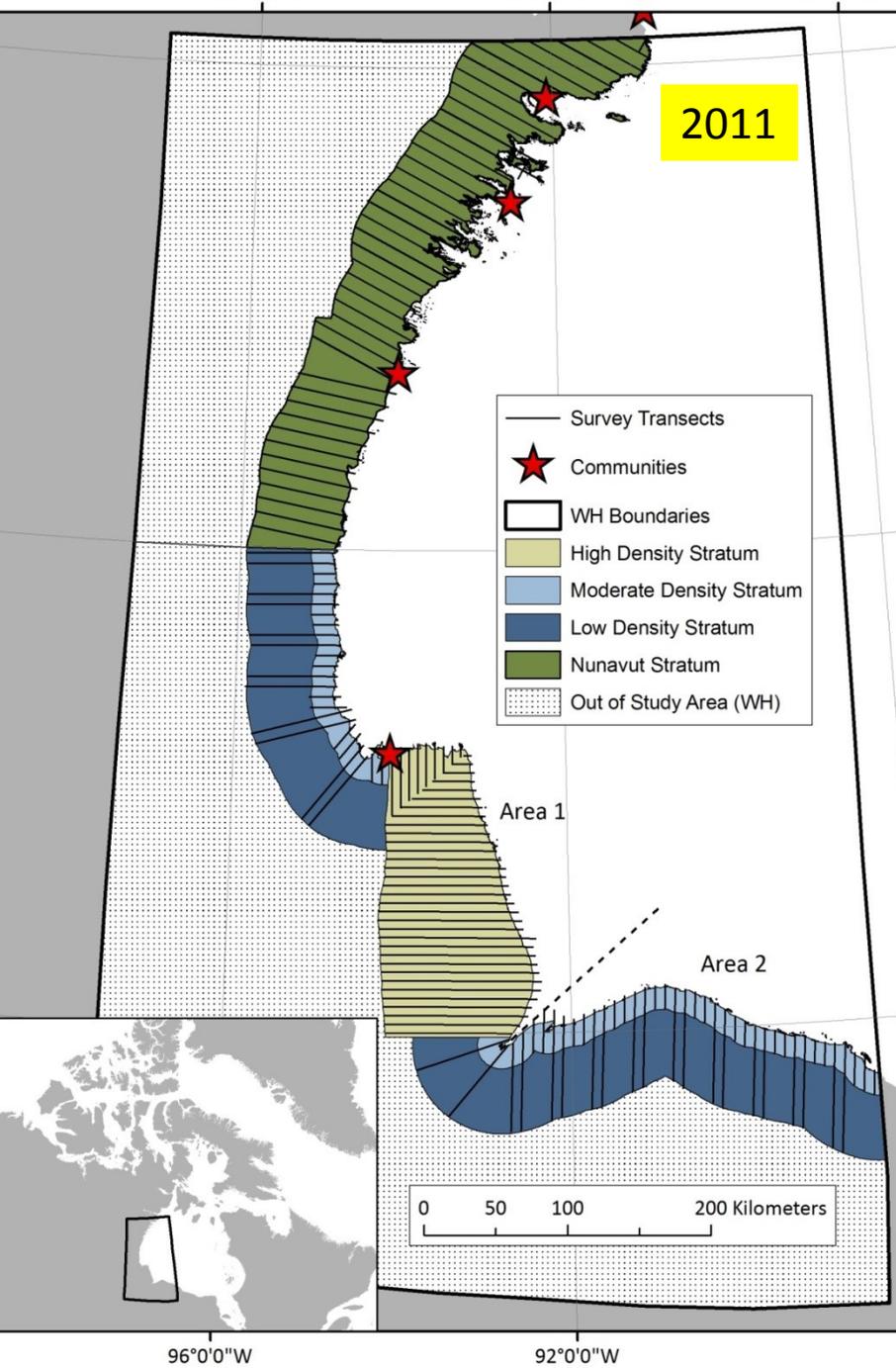




➤ ርኅዳረጅ  
 ጋዖሎጎጊያዊ  
 ልጋጋጅ ልጋጋጅ  
 ልጋጋጅ ልጋጋጅ

➤ ልጋጋጅ ልጋጋጅ  
 ልጋጋጅ ልጋጋጅ  
 60-100 km  
 ልጋጋጅ ልጋጋጅ  
 ልጋጋጅ ልጋጋጅ







# ᑭᓄᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ

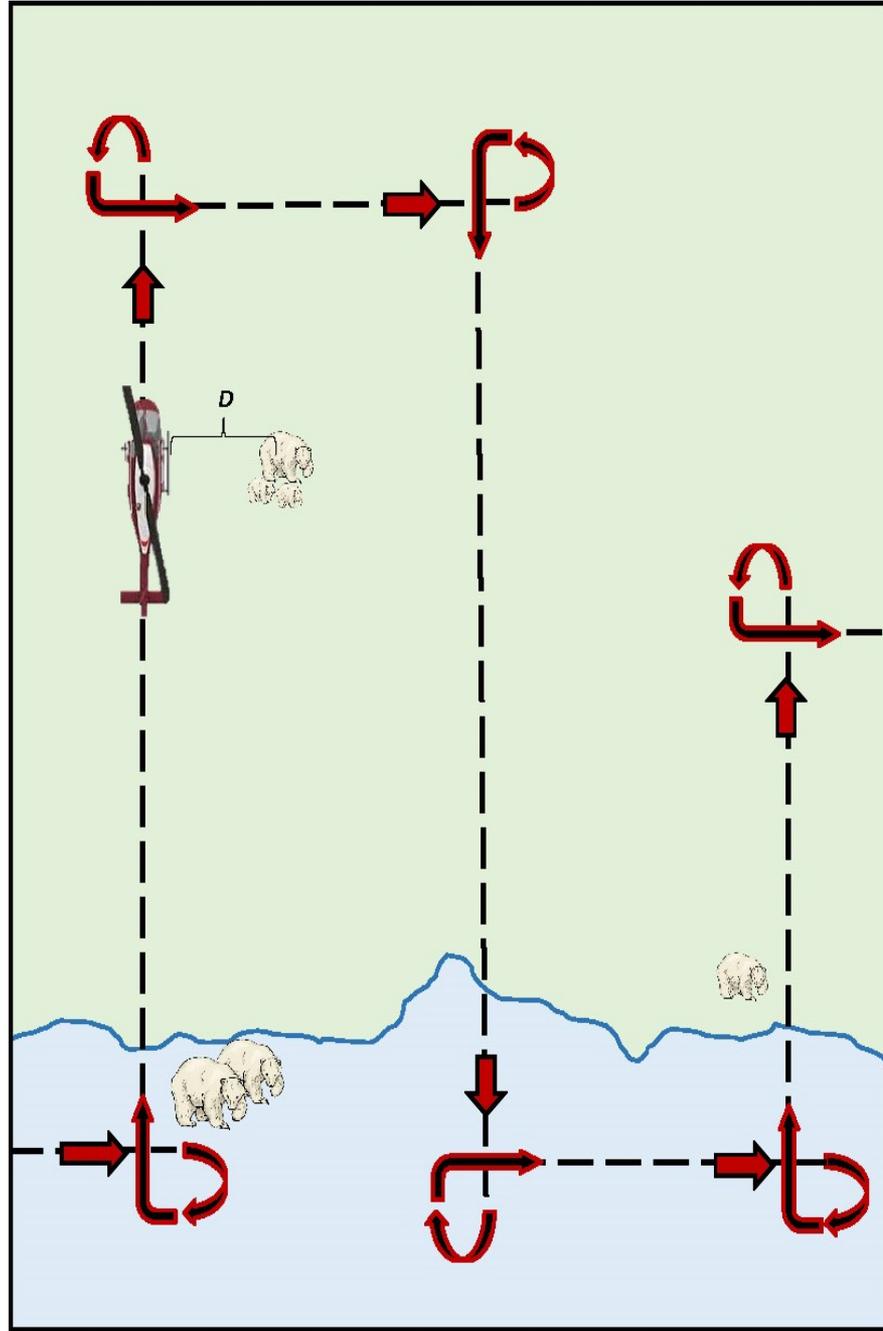
- ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ  
- ᑭᓐᑭᓐ ᑭᓐᑭᓐ (13-17 ᑭᓐᑭᓐ 2016)
- 2 ᑭᓐᑭᓐ ᑭᓐᑭᓐ (17-22 ᑭᓐᑭᓐ 2016)  
ᑭᓐᑭᓐ
- 4 ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ  
ᑭᓐᑭᓐ ᑭᓐᑭᓐ
- ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ  
ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ  
ᑭᓐᑭᓐ ᑭᓐᑭᓐ
- ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ  
ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ  
ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ ᑭᓐᑭᓐ



ᑭᑦᑲᑦᑲᑦ  
ᑲᑲ  
ᑲᑲᑲᑲᑲᑲ



ᄃᄂᄃᄄᄅᄆᄇᄈᄉ  
ᄊᄋᄌᄍᄎᄏᄐᄑᄒ



Λ<sup>υ</sup>ΣΩΡC▷ϵ<sup>c</sup>

➤ ρρ<sup>ϵb</sup>Cσ ◁<sup>υ</sup>L⊃  
ΔP▷<sup>c</sup> ΔL<sup>ϵ</sup>Σσ

➤ Πσ<sup>ϵ</sup>σ<sup>c</sup>/▷c<sup>ϵ</sup>σ<sup>c</sup>



Λ<sup>υ</sup>ΣΩΡC▷←<sup>c</sup>

➤ ΛΡ<sup>ρb</sup>∩Δ<sup>c</sup>

➤ <sup>ρb</sup>▷Lō<sup>c</sup>





ᐃᑲᑭᑦᑲᑦᑲᑦ

ᐃᑲᑦᑲ





# ኢየሱስ ምስጢር

➤ ኢየሱስ ምስጢር ኢየሱስ ምስጢር ምስጢር 12-22

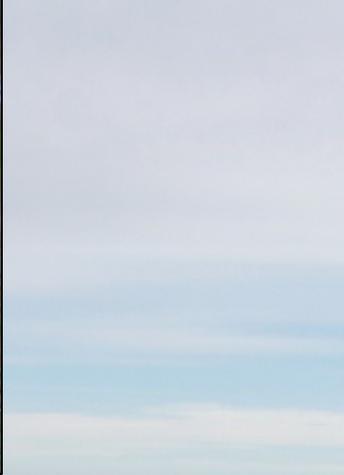
➤ ምስጢር 130 ምስጢር ኢየሱስ ምስጢር

➤ ምስጢር 9500 km ምስጢር ምስጢር  
ጸሎት ምስጢር ምስጢር  
ምስጢር ምስጢር

# $\wedge^a b c d^c$

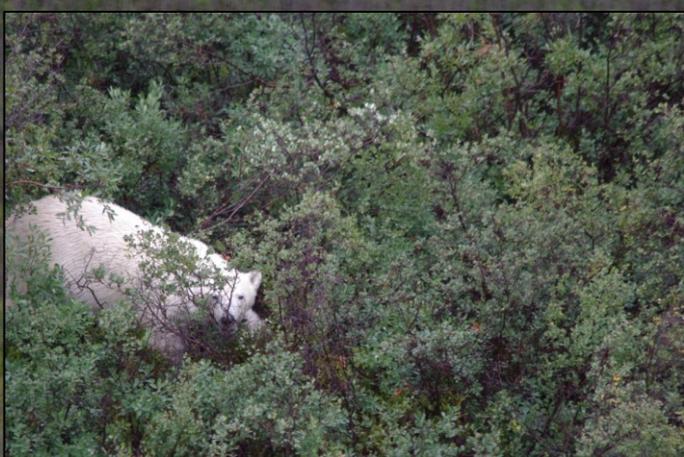
- $\Gamma^a b^c >^c, b c \dot{\triangleright} c^c, L. C \Delta^b$  (መግጃ ስድስት ልዩ ጠርጲኦች  $\wedge c n^e \delta \triangleleft$ )
- $C \Delta^e c, \dot{\triangleright}^c a b c^b$  (መግጃ ጋራ ስድስት ጠርጲኦች)
- $c \triangleright \Delta b^b H \Delta^b$  (ፋይልት ስለሚኖሩ ጠርጲኦች)
- $\dot{\triangleright} \Delta^b C^c \triangleright \Delta \sigma^a$  ( $b^e r^b c^e \sigma^b$  ስለሚኖሩ ጠርጲኦች)
- $n \triangleright^c H \dot{\triangleleft}^c L^e, \delta P \triangleright n^c$  (ፊት ስለሚኖሩ ጠርጲኦች)
- $p \triangleleft^e \dot{\triangleright}^b, \dot{\triangleright}^e n \triangleright^c \triangleright \Delta L^c$  (ፊት ስለሚኖሩ ጠርጲኦች  $b e C \Gamma$ )













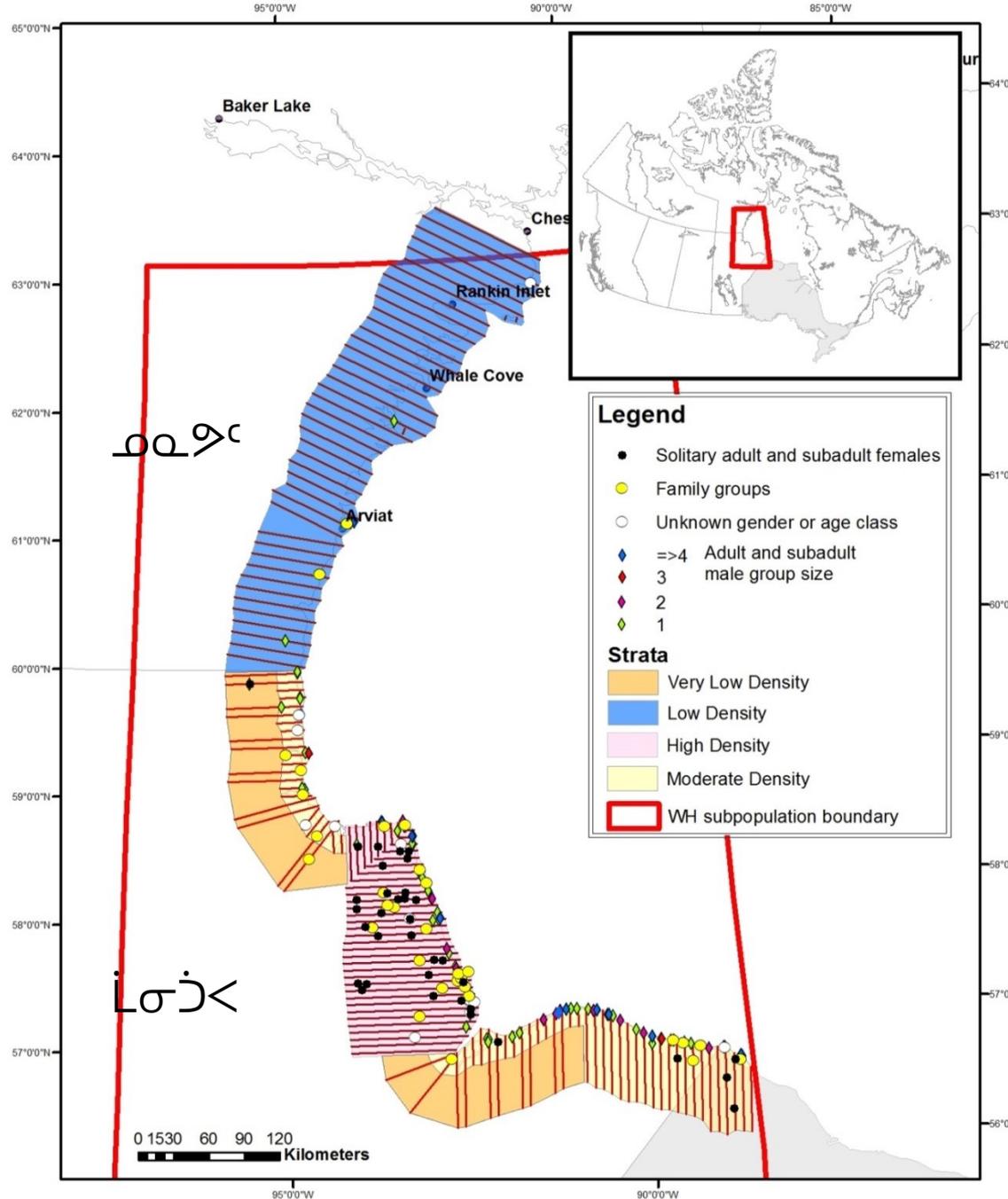


# ወደ ግራ

➤ ወደ ግራ ስርዓት ለማግኘት ለሚያስፈልጉት የግራ ስርዓት ለማግኘት 2007, 2010, 2011

➤ የግራ ስርዓት ለማግኘት ለሚያስፈልጉት የግራ ስርዓት ለማግኘት

➤ ለግራ ስርዓት ለማግኘት ለሚያስፈልጉት የግራ ስርዓት ለማግኘት





| ΔC <sup>b</sup> σ <sup>r</sup> σ <sup>c</sup> -▷ <sub>σ<sup>r</sup></sub><br>σ <sup>r</sup>  | ᄇᄇΔ <sup>c</sup> ᄁ <sup>r</sup> σ <sup>r</sup> |             | ΔCΔ <sup>o</sup> ᄇ <sup>r</sup><br>CLΔ <sup>o</sup> σ <sup>c</sup> ᄁ <sup>b</sup><br>▷ <sup>r</sup> ᄁ <sup>b</sup> ᄁ <sup>b</sup> CDσ <sup>d</sup> σ <sup>c</sup> |      | ᄁᄁ <sup>b</sup> CDᄁ <sup>b</sup> :   |
|--|--|-------------|---|------|--|
|  | COY  | YRLG        | COY   | YRLG |  |
| ᄁ <sup>r</sup> ᄁ <sup>o</sup> ᄇ <sup>b</sup> ᄁ <sup>r</sup><br>ᄁ <sup>r</sup> ᄁ <sup>b</sup> ᄁ <sup>r</sup> ᄁ <sup>c</sup> Δᄁᄁ<br>(2016) | 1.63 (0.10)                                    | 1.25 (0.16) | 0.11  | 0.03 | ᄇᄇᄁ <sup>c</sup> ᄁᄁ <sup>r</sup><br>(ᄁ <sup>b</sup> ᄁ <sup>b</sup> CDᄁ <sup>r</sup> ᄁ <sup>r</sup> ᄁ <sup>c</sup> )<br>ᄁᄁᄁ <sup>b</sup> ᄁ <sup>r</sup><br>ᄁ <sup>b</sup> ᄁ <sup>r</sup> ᄁ <sup>b</sup> CDσ <sup>d</sup> Δ <sup>c</sup> |
| ᄁ <sup>r</sup> ᄁ <sup>o</sup> ᄇ <sup>b</sup> ᄁ <sup>r</sup><br>ᄁ <sup>r</sup> ᄁ <sup>b</sup> ᄁ <sup>r</sup> ᄁ <sup>c</sup> Δᄁᄁ<br>(2011) | 1.43 (0.08)                                    | 1.22 (0.10) | 0.07  | 0.03 | Stapleton et al. (2014)  |
| σ <sup>r</sup> ᄁ <sup>b</sup> ᄁ <sup>r</sup><br>ᄁ <sup>r</sup> ᄁ <sup>b</sup> ᄁ <sup>r</sup> ᄁ <sup>c</sup> Δᄁᄁ<br>(2011)                | 1.56 (0.06)                                    | 1.49 (0.08) | 0.16  | 0.12 | Obbard et al. 2015   |
| ᄁᄁᄁ <sup>c</sup><br>(2009-2019)  | 1.54 (0.04)                                    | 1.48 (0.05) | 0.13  | 0.10 | Stapleton et al. 2015  |



ᄁ<sup>r</sup>ᄁ<sup>o</sup>ᄇ<sup>b</sup>ᄁ<sup>r</sup> ᄁ<sup>r</sup>ᄁ<sup>b</sup>ᄁ<sup>r</sup>ᄁ<sup>c</sup> Δᄁᄁσ<sup>c</sup>ᄁ<sup>o</sup>ᄇᄁᄁσ ᄁᄁᄁ<sup>b</sup>CDᄁ<sup>b</sup>ᄁ<sup>b</sup>ᄁ<sup>b</sup>  
 ᄇᄇᄁ<sup>c</sup> ᄁ<sup>r</sup>σ<sup>r</sup>ᄁ<sup>r</sup> ᄁᄁᄁ<sup>b</sup>CDᄁ<sup>c</sup>ᄁᄁᄁ<sup>b</sup>ᄁ<sup>c</sup> CDᄁᄁσ ᄁ<sup>r</sup>ᄁ<sup>b</sup>ᄁ<sup>r</sup>ᄁ<sup>c</sup> Δᄁᄁσ, ᄁᄁᄁ  
 ᄁ<sup>b</sup>ᄁ<sup>o</sup>ᄇᄁᄁᄁ  
 ΔCΔ<sup>o</sup>ᄇ<sup>r</sup> ᄁ<sup>r</sup>ᄁ<sup>r</sup>ᄁᄁᄁ<sup>c</sup>



# በፍጥነት የሚገኝ ስርዓት

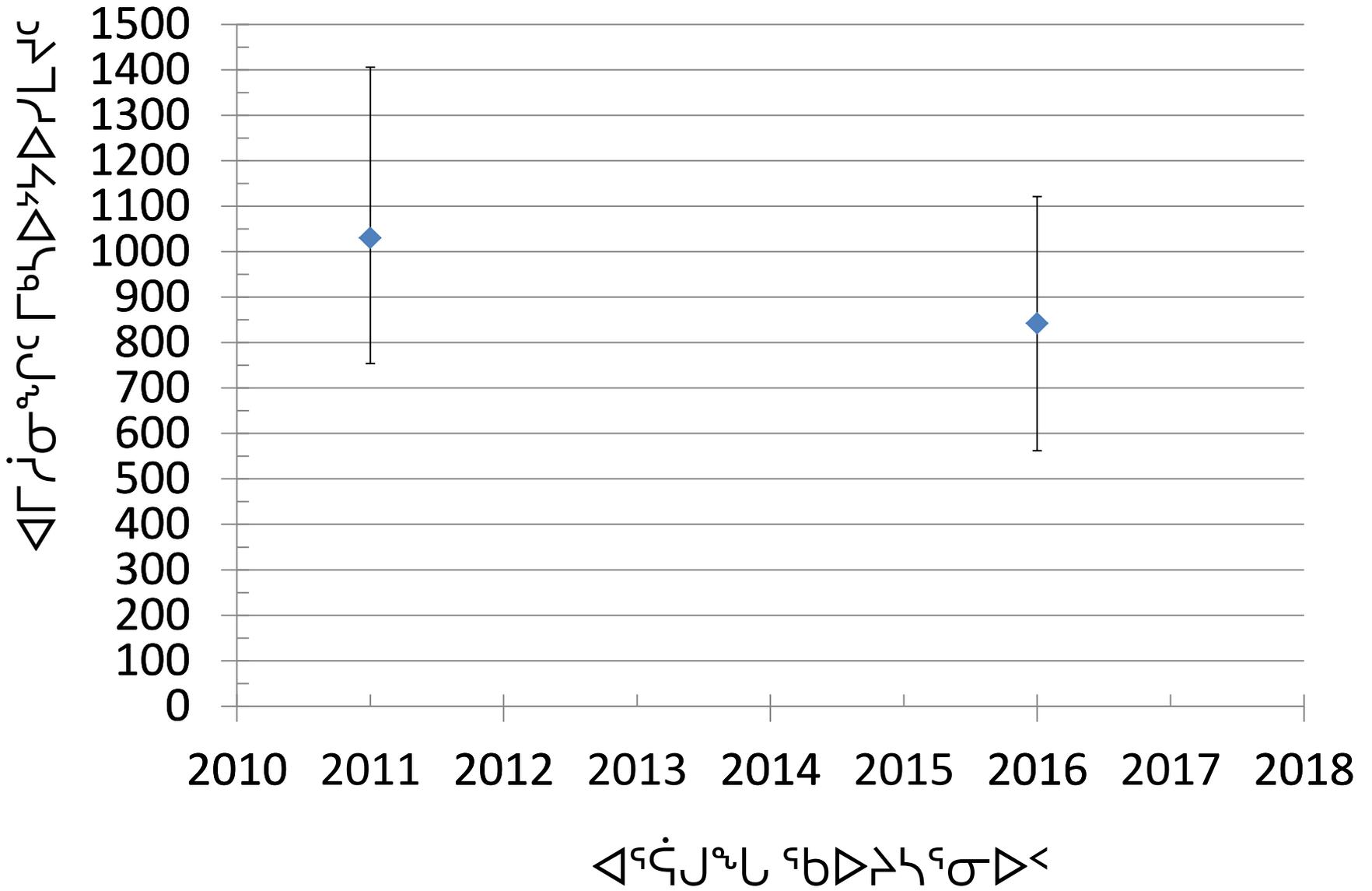
➤ ለሰፊ የሥራ ገደብ  
 ለሥራው የሚገኝ ስርዓት  
 ስርዓት ለሰፊ ገደብ  
 ለሰፊ ገደብ



➤ በፍጥነት ስርዓት ለሰፊ ገደብ  
 ለሰፊ ገደብ ስርዓት ለሰፊ ገደብ  
 ስርዓት ለሰፊ ገደብ  
 ለሰፊ ገደብ









# ዲ.ጋ.ዲ.ል.ፍ.ቢ.ሲ.ቲ.ፍ.ቤ

- ፍ.ቤ.ጋ.ፍ.ቢ.ሲ.ቲ.ፍ.ቤ ለገቢዎች ማሻሻያ ስራዎች ላይ ለተፈጻሚነት ለሚያስፈልጉት 2016 ርዕሰ ጉዳይ ለሚያስፈልጉት ስራዎች ላይ ለተፈጻሚነት ለሚያስፈልጉት ፍ.ቤ.ጋ.ፍ.ቢ.ሲ.ቲ.ፍ.ቤ
- በገቢዎች ማሻሻያ ስራዎች ላይ ለተፈጻሚነት ለሚያስፈልጉት ስራዎች ላይ ለተፈጻሚነት ለሚያስፈልጉት ፍ.ቤ.ጋ.ፍ.ቢ.ሲ.ቲ.ፍ.ቤ



ԳժԷ<sup>օ</sup>ՁԴ<sup>բ</sup> - ՎՏ<sup>բ</sup>ԺՈԿԿՃ<sup>Ը</sup>?