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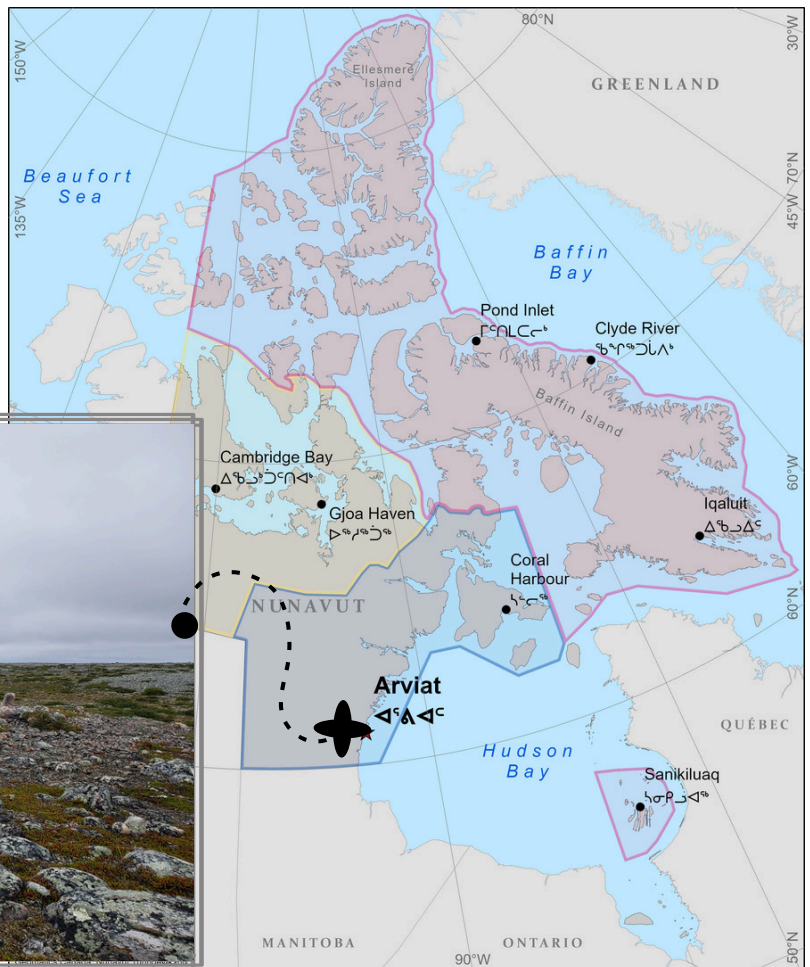
WHERE ARVIARMIUT RESPONDENTS TRAVEL

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ᐃᑦᓴᑦ ᑦᐅᐃᑦᓂᐃᑦᓴᑦᐅᓴᓴᑦᐅᓴᑦᓴᑦ

Results of a community survey on environmental forecasting uses and needs

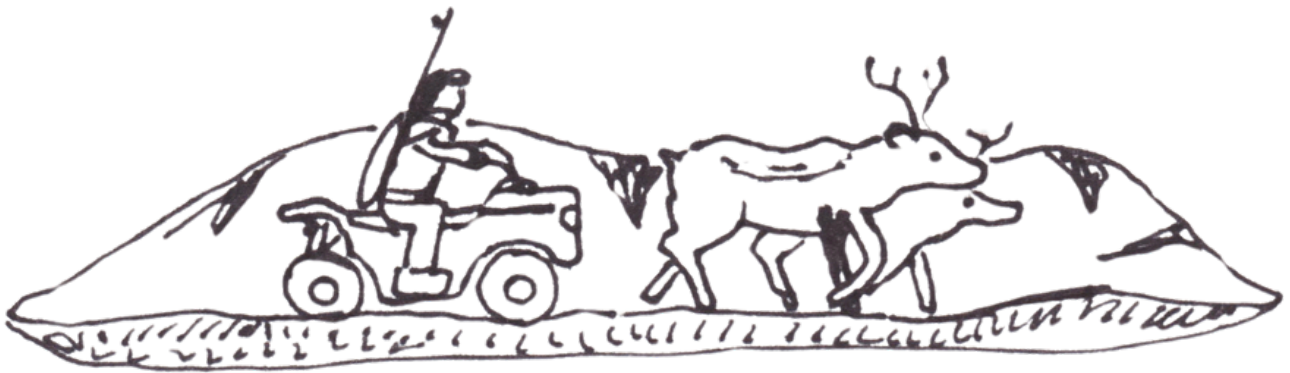


ᐃᑦᓴᑦᓴᑦ 2023
DECEMBER 2023



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Photo: Aupaa Irkok





በበናገረኛው ስጋ: ስር ዘጠኝ
Art work by: Rhoda Hiqiniq

$\triangleleft \triangleright \triangleleft^{\mathfrak{c}_b} \triangle^{\mathfrak{c}_b} \mathfrak{d}^b$
 $\triangleleft^{\mathfrak{a}} \mathfrak{C} \mathfrak{P} \mathfrak{L}^b \triangleleft$
 $\wedge \mathfrak{C} \triangleleft \mathfrak{C}^{\mathfrak{c}_b} \mathfrak{N} \mathfrak{C}^b$
 $\triangleleft \mathfrak{C}^{\mathfrak{a}} \mathfrak{a} \triangleleft^{\mathfrak{c}_b} \mathfrak{L}^b$
 $\mathfrak{d} \mathfrak{n}^{\mathfrak{c}} \mathfrak{N} \mathfrak{a} \mathfrak{c}^b \mathfrak{L}^b$

AUPAA IRKOK
ANDREW MUCKPAH
PETER ALIKTILUK
ELENA AKAMMAK
CHRISTINA KAAYAK

Maps created by Regena Sinclair

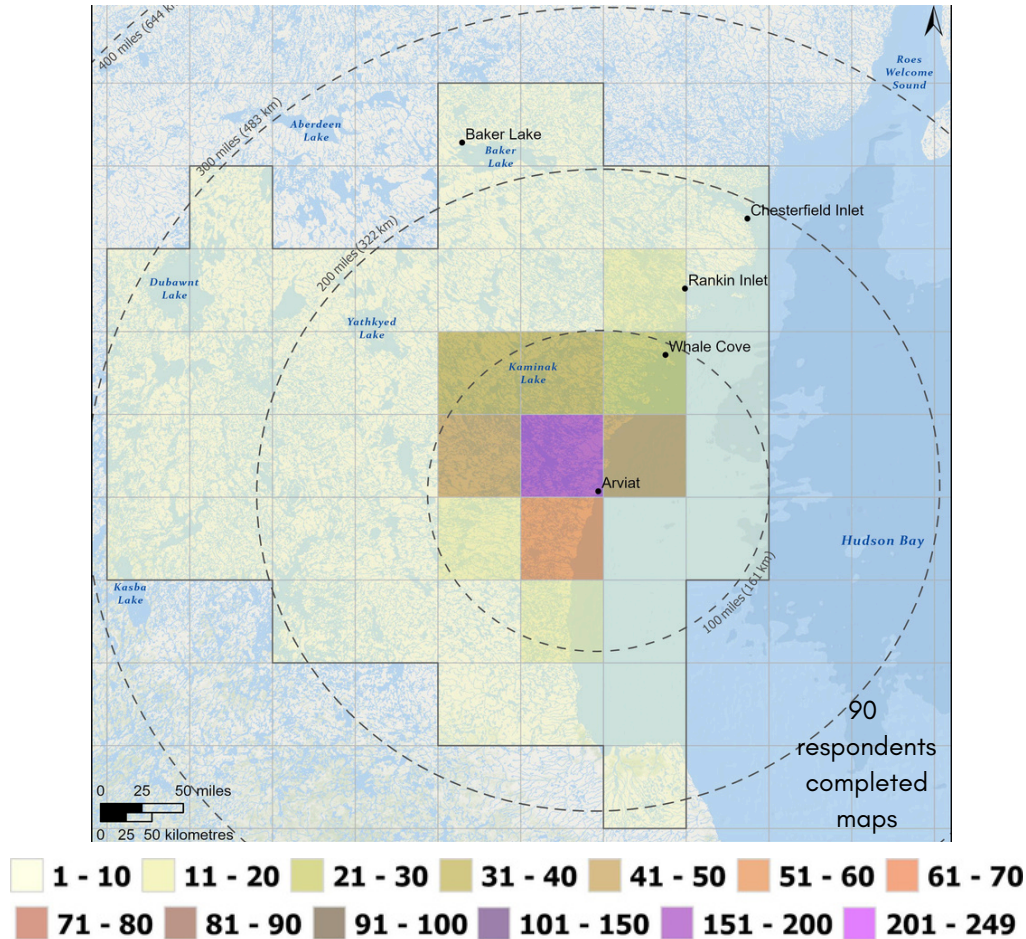
<https://straightupnorth.ca/community-wwic-uses-and-needs/>

$\dot{\alpha} \Gamma \Gamma \dot{b}^c \dot{c}^c, \dot{h} \Gamma \Gamma < \dot{c}^c,$
 $\Gamma \dot{b} \Gamma \Gamma \dot{c}^c, \Delta \Gamma \Gamma < \dot{c}^c,$
 $\dot{c} \Gamma \Gamma \dot{c}^c$

NATALIE CARTER, CHARLOTTE BUTTLE,
REGENA SINCLAIR, EMMELIE PAQUETTE,
GITA LJUBICIC

UNDERSTANDING THE MAPS IN THIS REPORT

TOTAL TRAVEL



Number of respondents who travelled in the selected area

MAP COLOURS AND LEGENDS

Each coloured box on the maps represents a certain number of respondents who travelled to that area, and all of the types of transportation they used to travel there (e.g. if a respondent went to an area by ATV and by snowmobile, it is counted as having travelled to the area twice).

Darker/brighter colours = more respondents went there.
Lighter colours = less respondents went there.

Respondents = only the participants who completed maps

Some participants did not complete travel maps (due to technical issues and other reasons). When we show the maps, we call this group of participants "respondents", because they were the ones who completed maps.

$\Delta^c \delta \Delta^c \Gamma \triangleright^b$ $\rho \triangleright C_L \triangleright^{cb}]^c$
 $\Delta \triangleright L^{cb} C^c \sigma^\omega \rho^c$

ርዕሳቸው ለሚገኝ ርዕሰ ጉዳይ (ፊክሽን 3-ፖ 16-ፓ), ለሚገኝ ርዕሰ ጉዳይ ምሳሌ:

- [illegible]



◁^b⋮ Δ^L 0.0▷^b C^b C^b

WHERE ARVIARMIUT RESPONDENTS TRAVEL

When looking at the maps in this report (pages 3 to 16), it is important to note that:

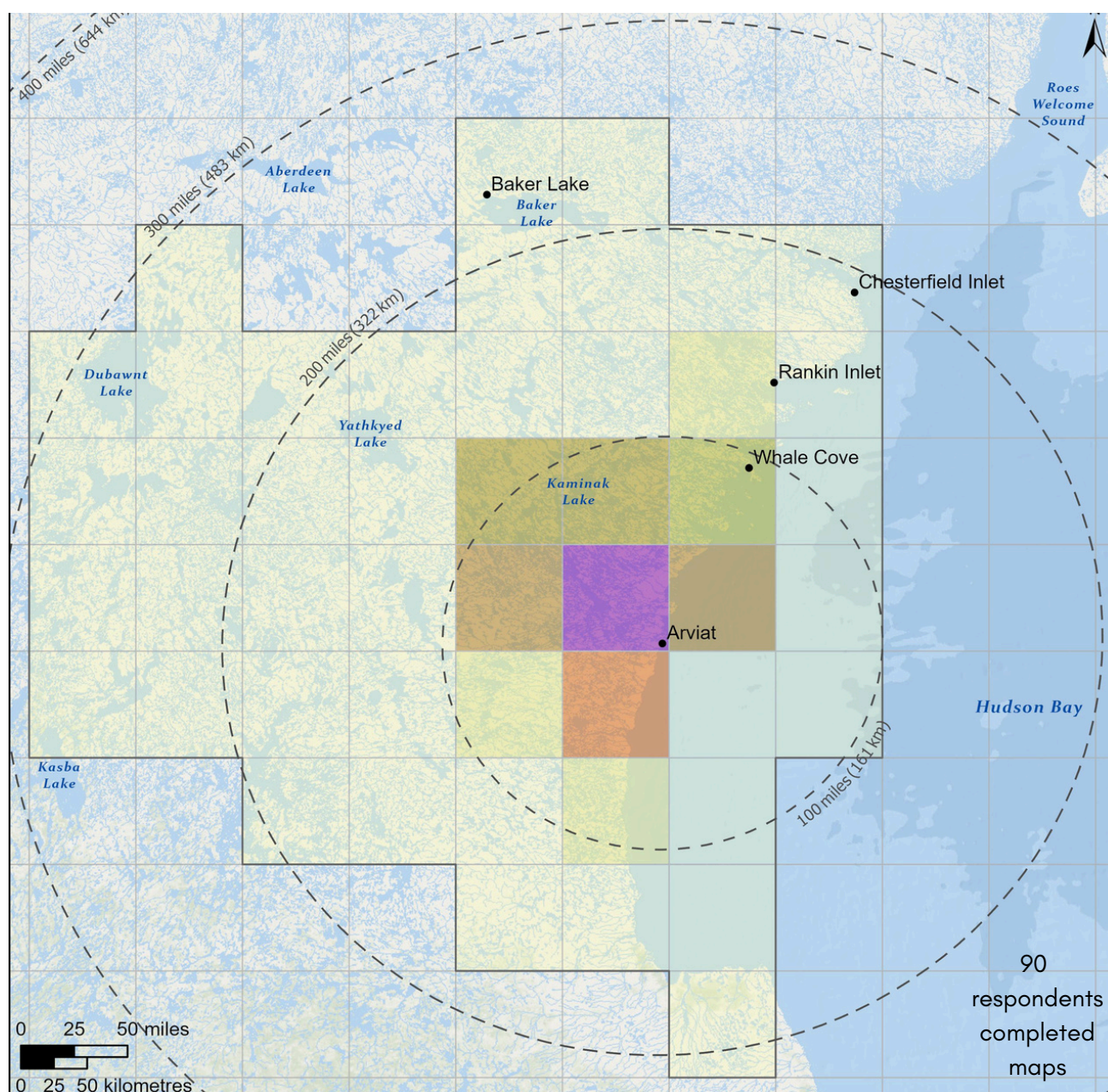
1. **Participants do not only travel to the areas indicated on the maps.** Some individuals go further than shown. However, the maps we used limited the areas people could select;
2. Not all community members participated in the survey so for this reason, the **travel extent may be even greater than shown in our maps;**
3. **Community members need to access weather, water, and ice information across the vast distances they travel.** Environmental conditions may be very different at their destination compared to in their community where the main weather station may be located; and
4. **The areas where participants travel overlap, or are connected, with other communities.** Therefore, weather stations placed between communities could benefit multiple communities seeking to access weather information.



Photo: James Nanau Tagalik

WHERE ARVIARMIUT RESPONDENTS TRAVEL

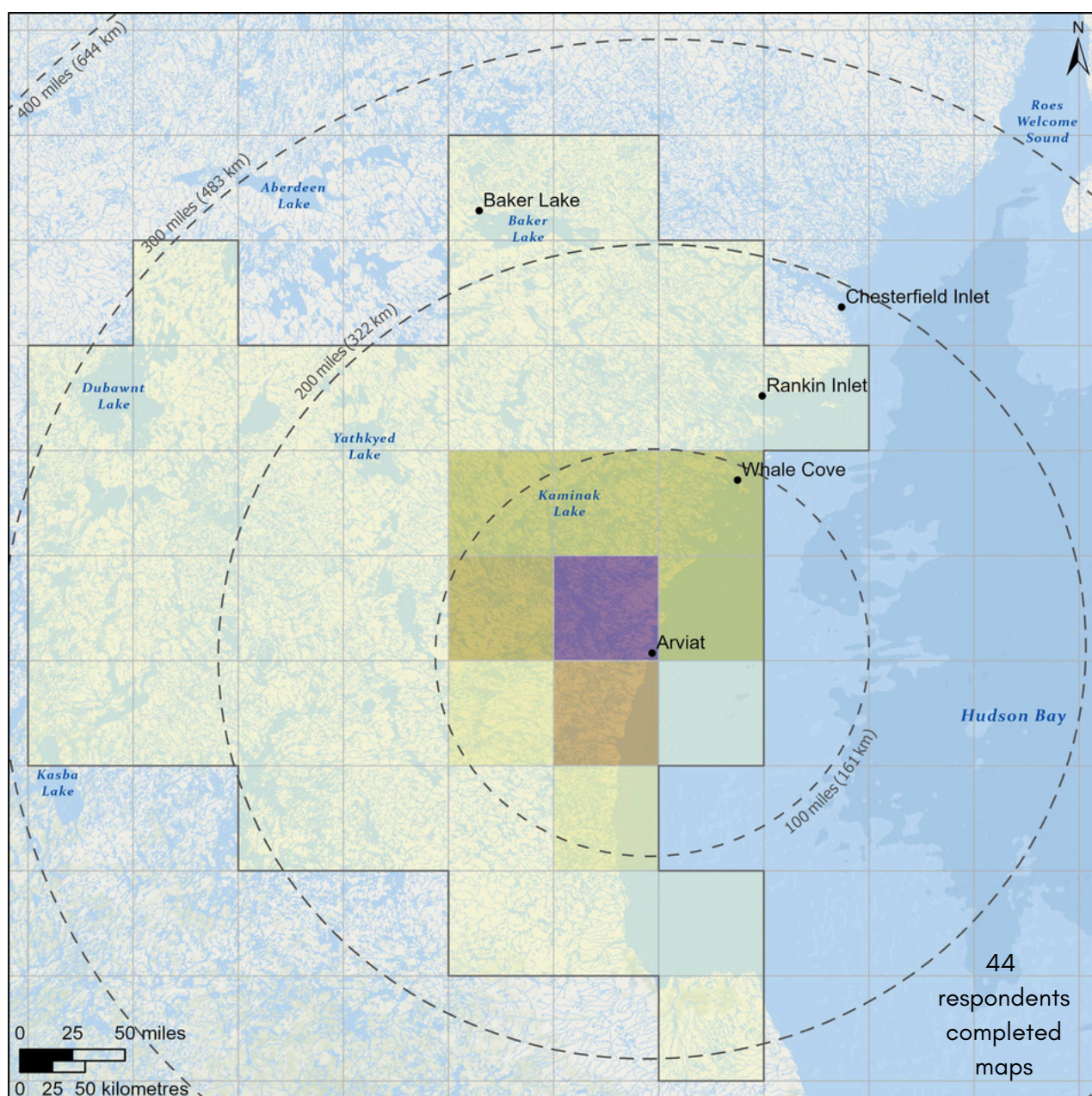
TOTAL TRAVEL



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL

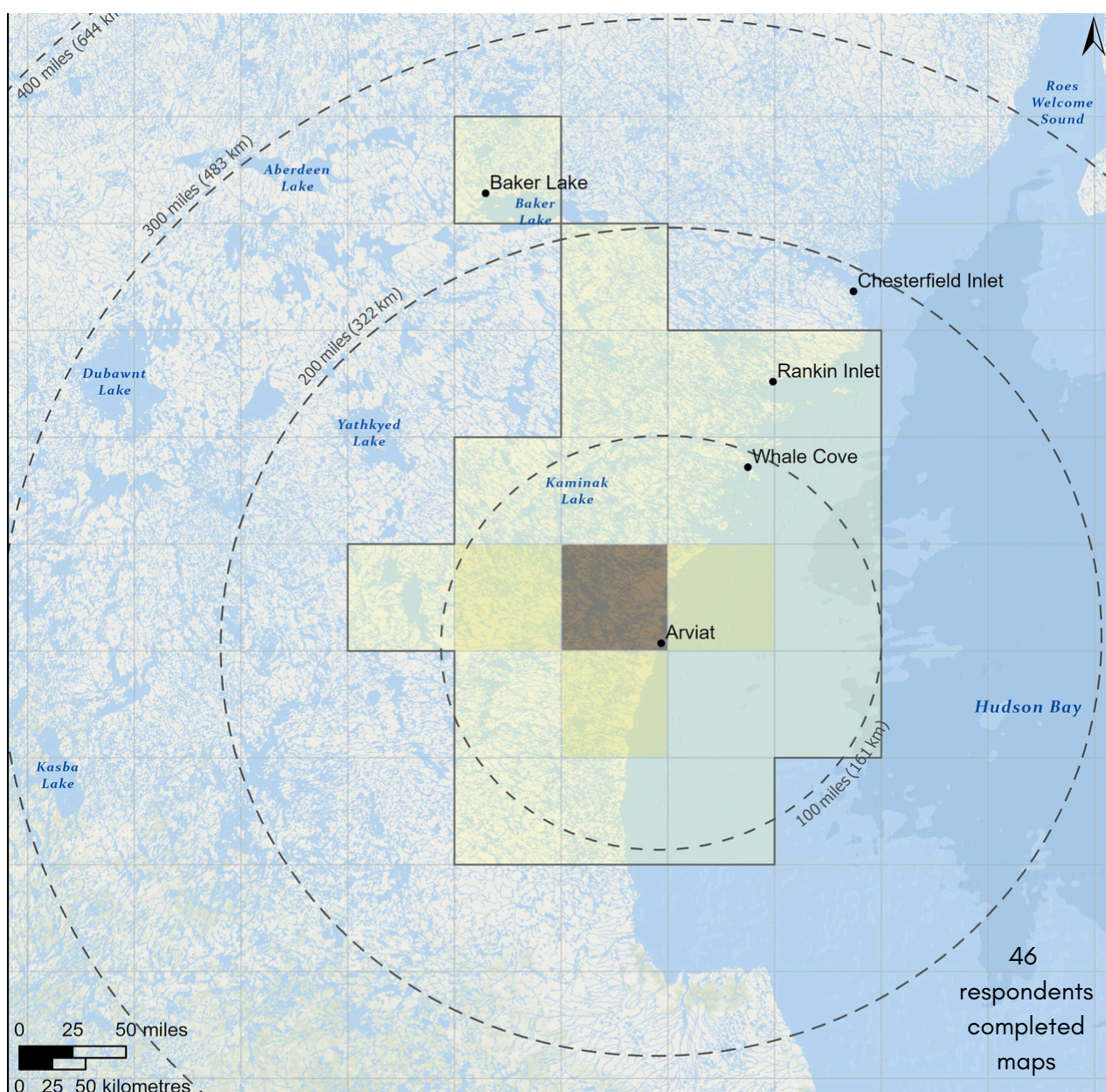
TRAVEL BY MEN



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL

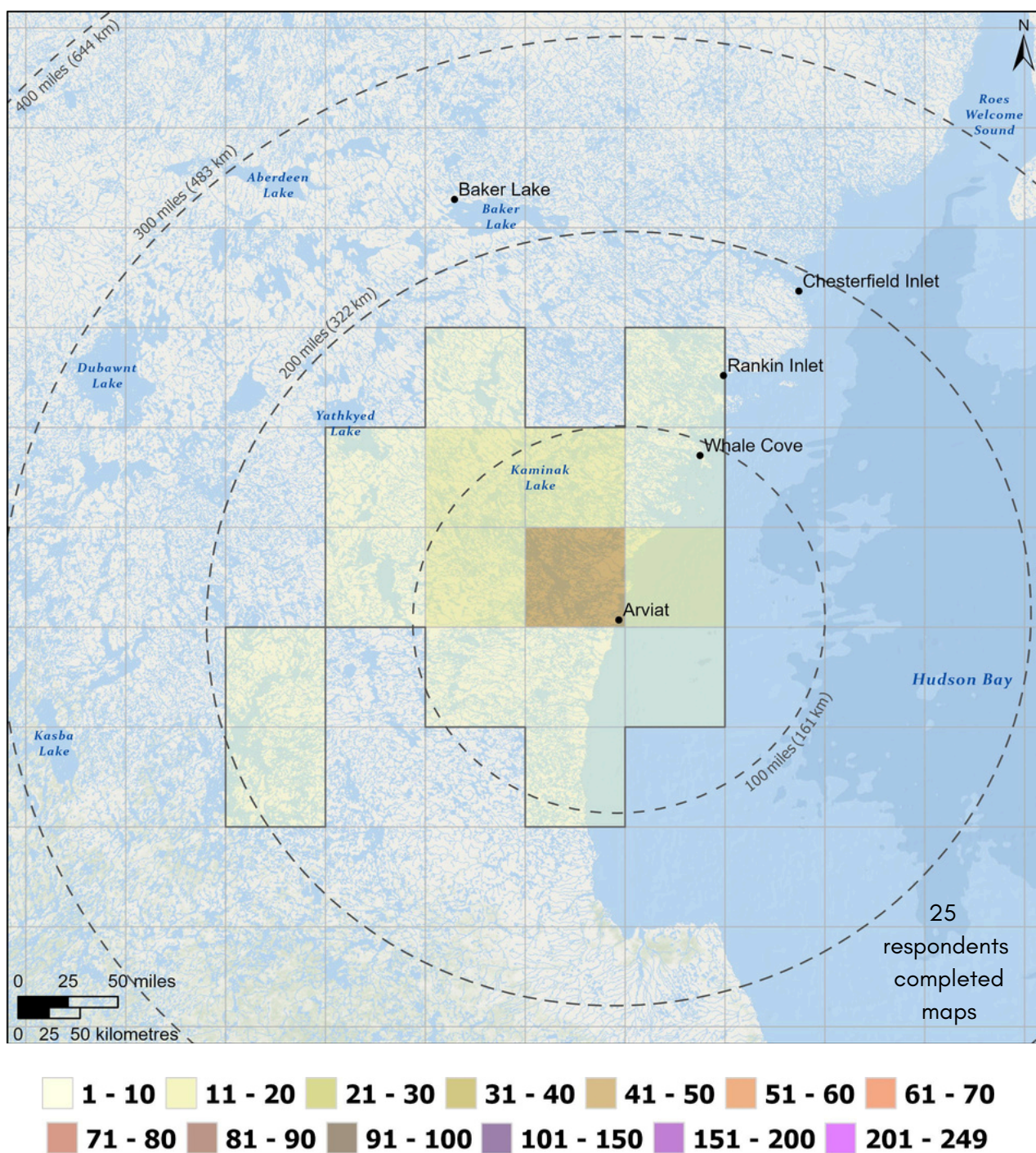
TRAVEL BY WOMEN



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY AGE)

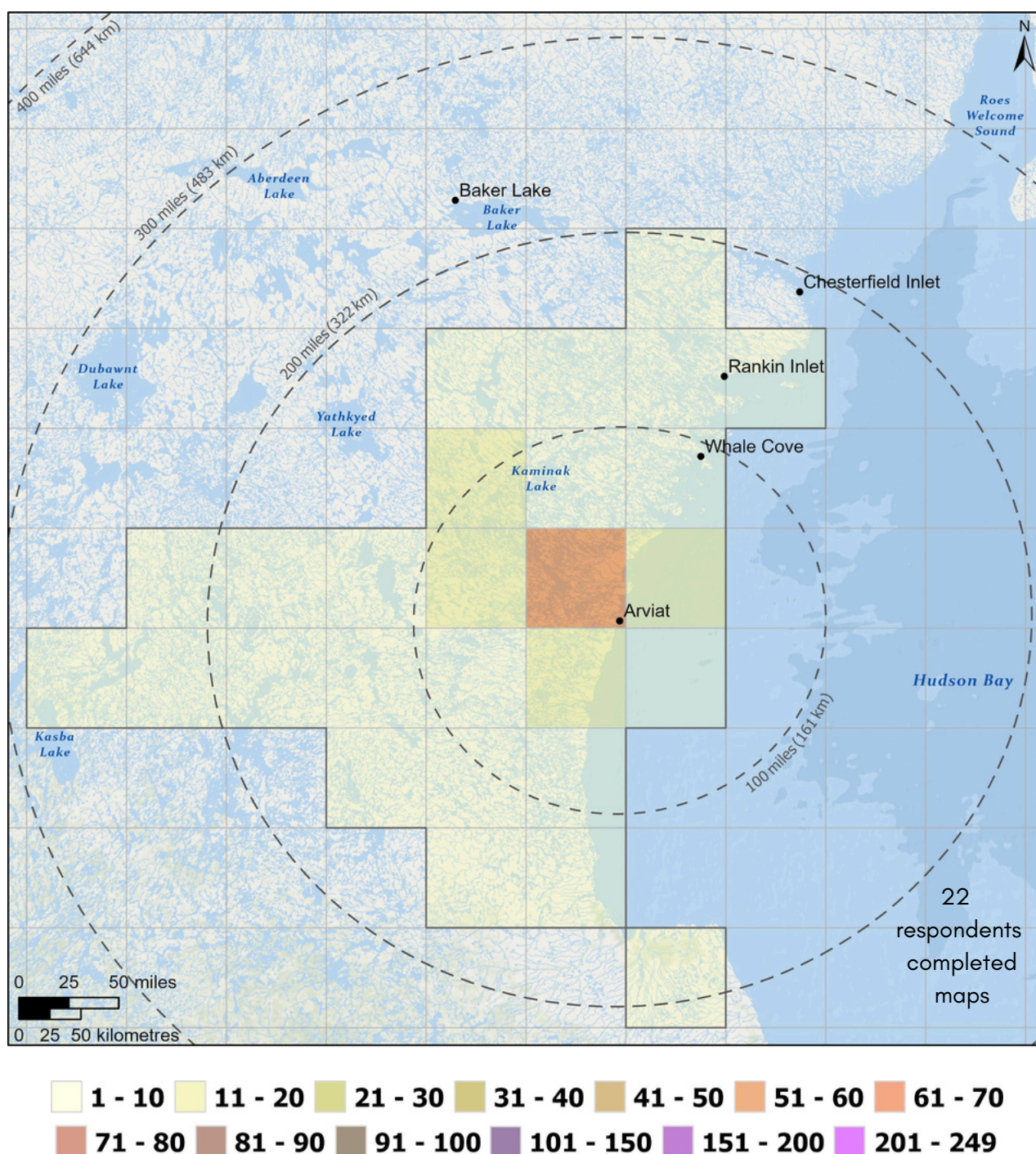
AGES 16 TO 24 TRAVEL



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY AGE)

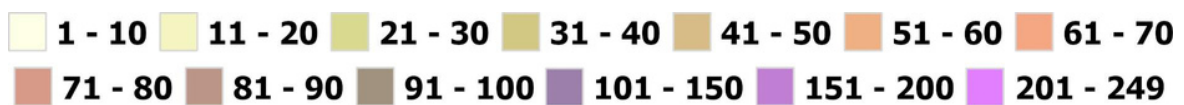
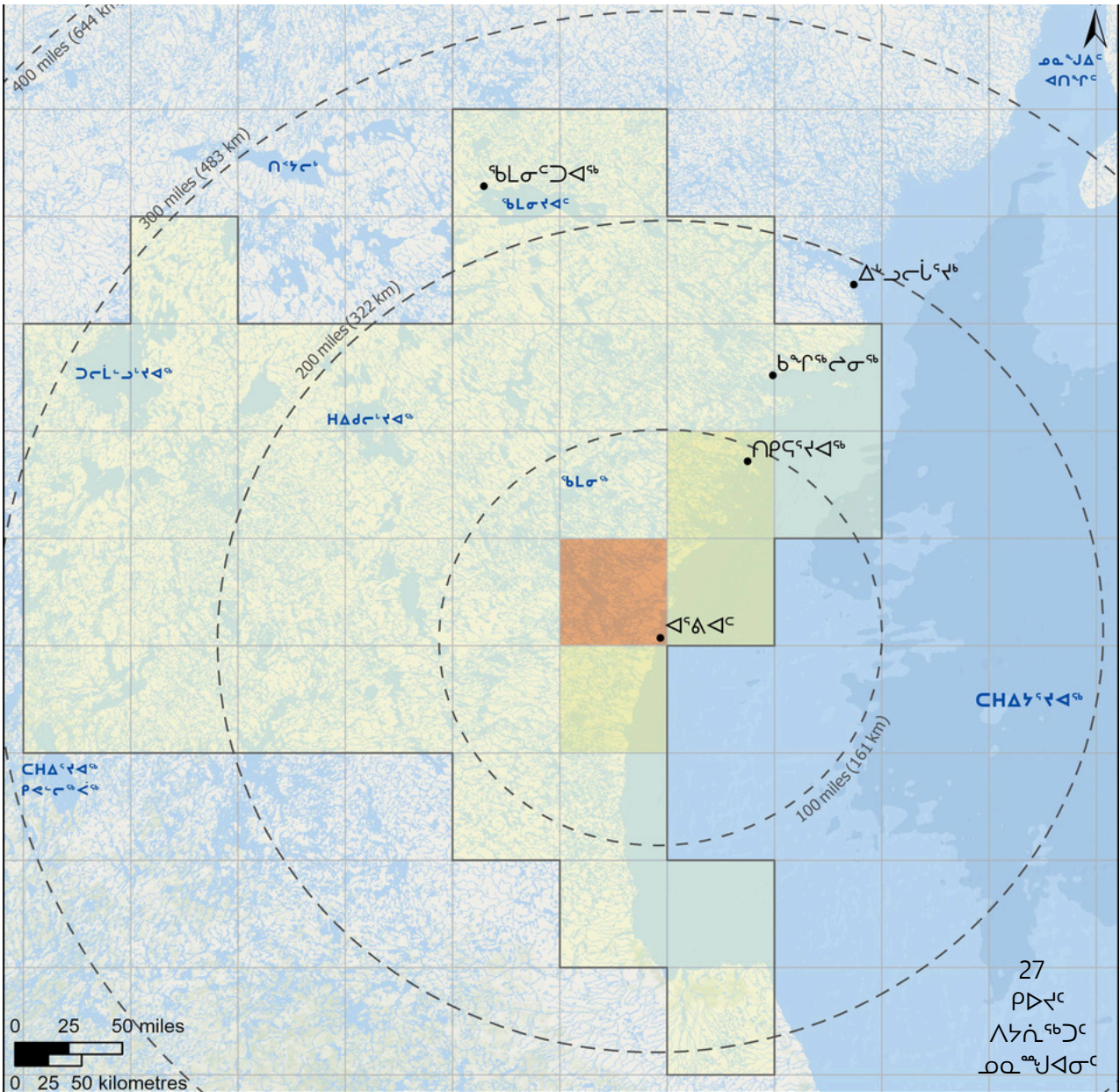
AGES 25 TO 34 TRAVEL



Number of respondents who travelled in the selected area

[illegible]

▷▷▷ 35-49 ◁▷▷▷▷

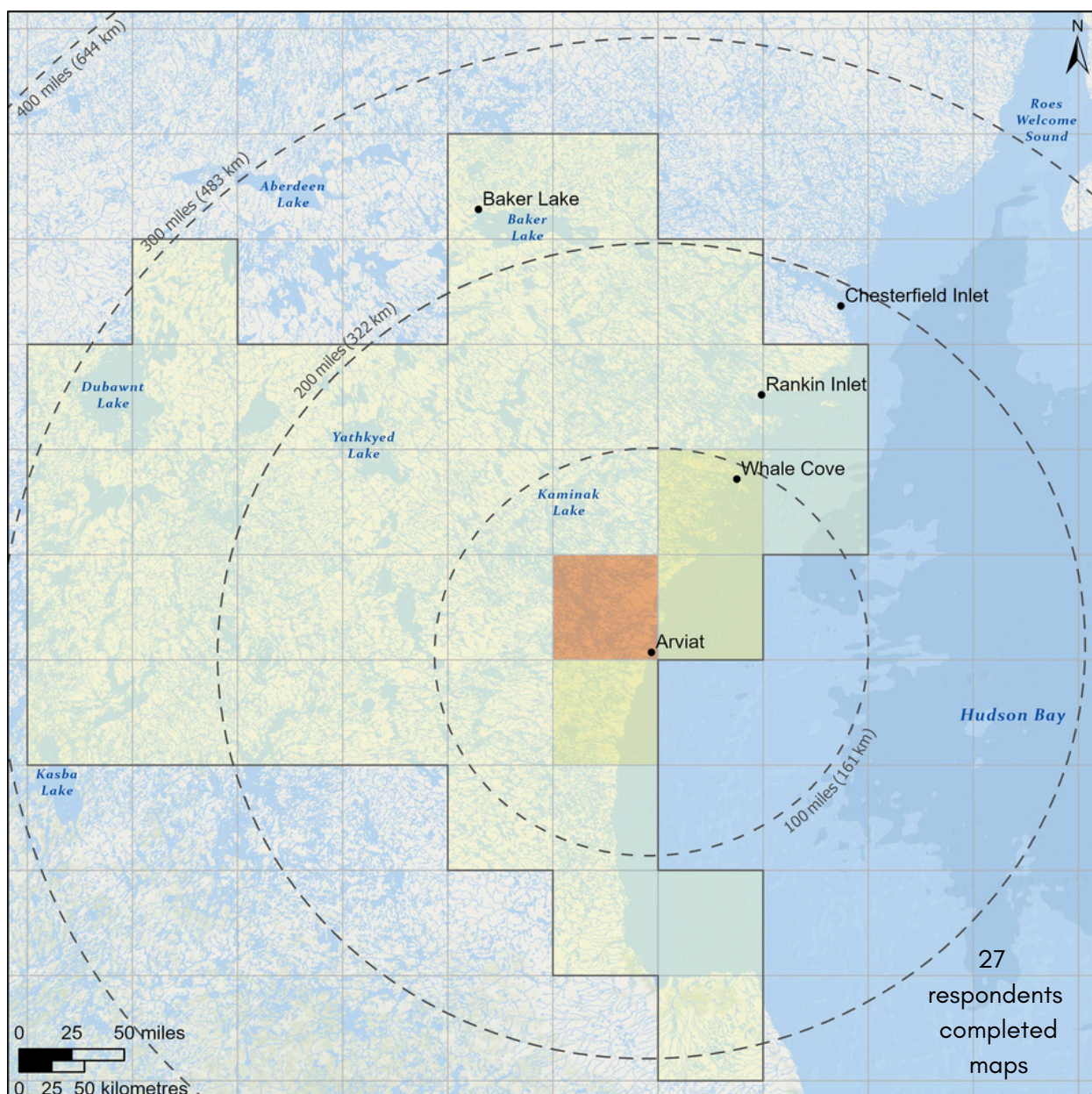


$\text{C}_6\text{H}_5\text{CH}_2\text{CO}_2\text{R}$ $\text{R} = \text{C}_6\text{H}_5$, C_6H_4 , C_6H_3 , C_6H_2 , C_6H

[illegible]

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY AGE)

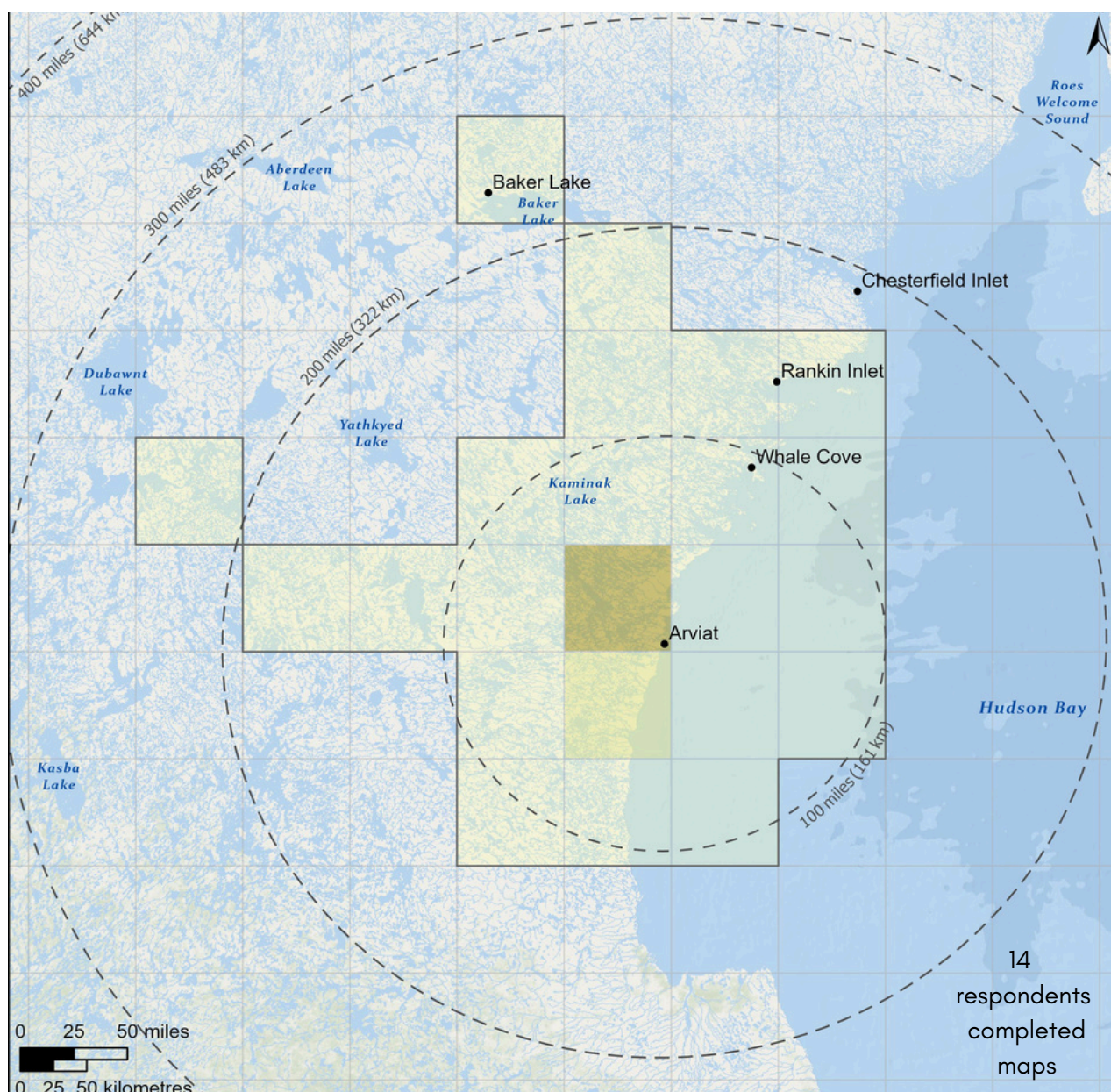
AGES 35 TO 49 TRAVEL



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY AGE)

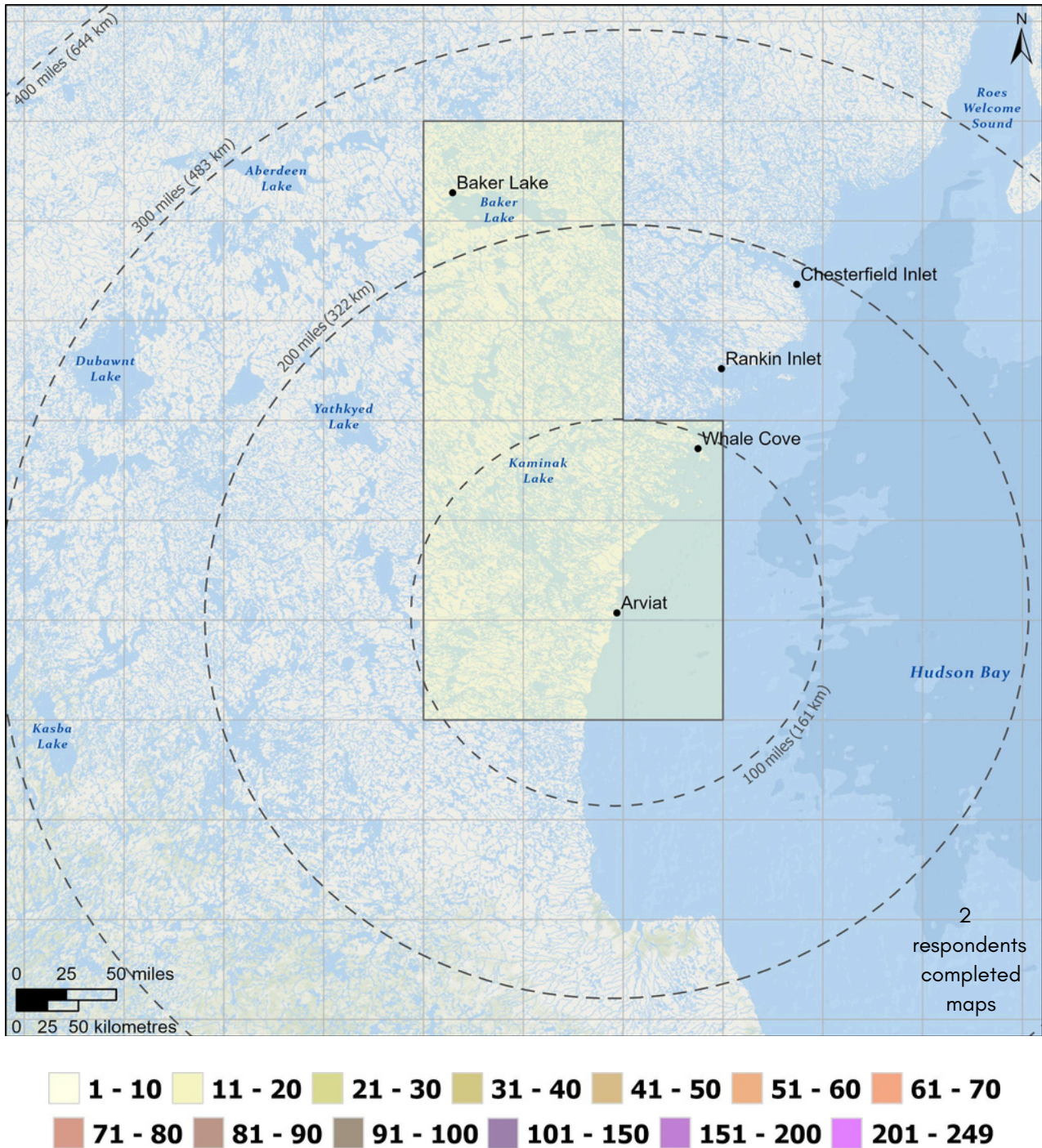
AGES 50 TO 69 TRAVEL



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY AGE)

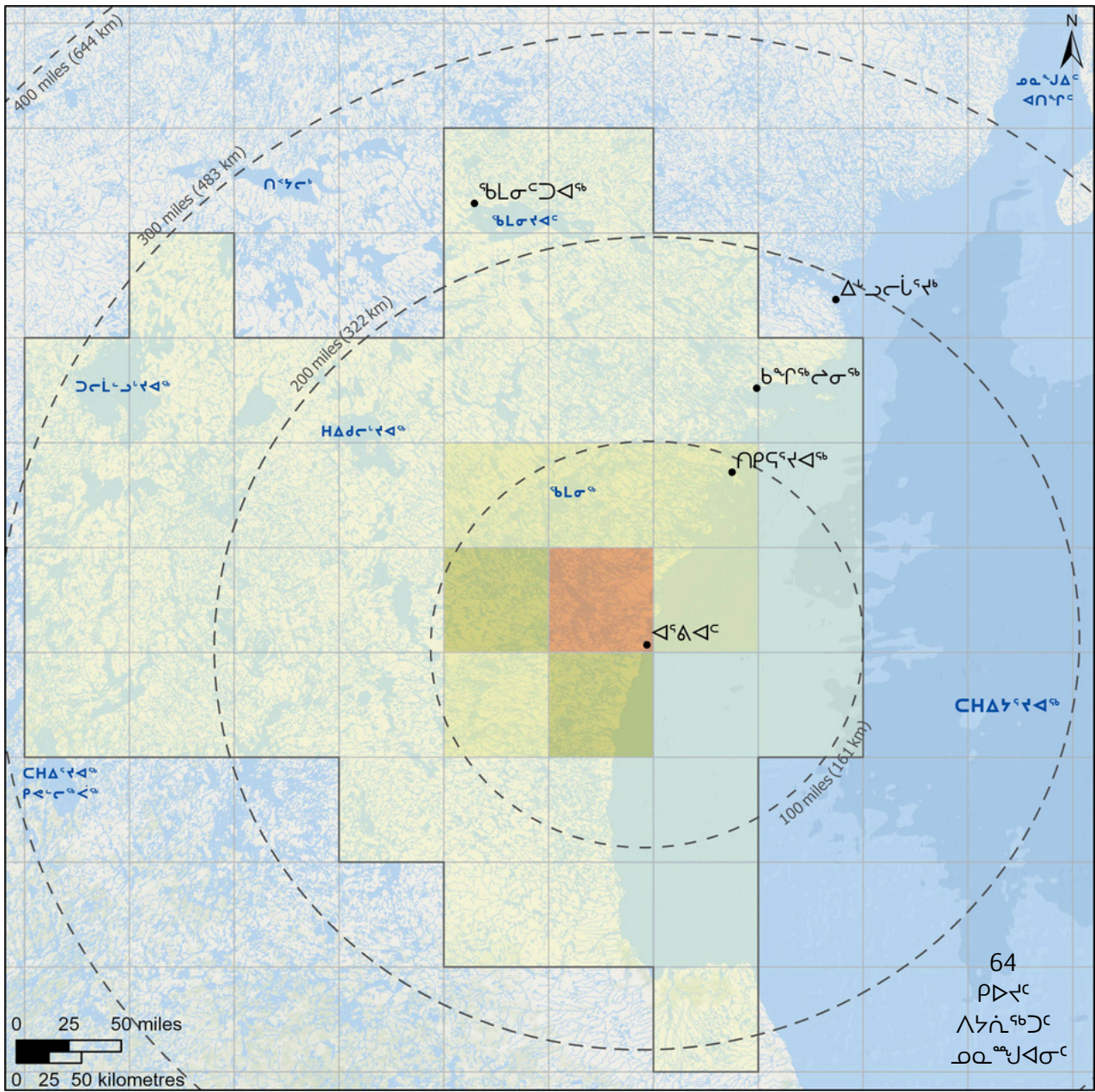
AGES 70 AND ABOVE TRAVEL



Number of respondents who travelled in the selected area

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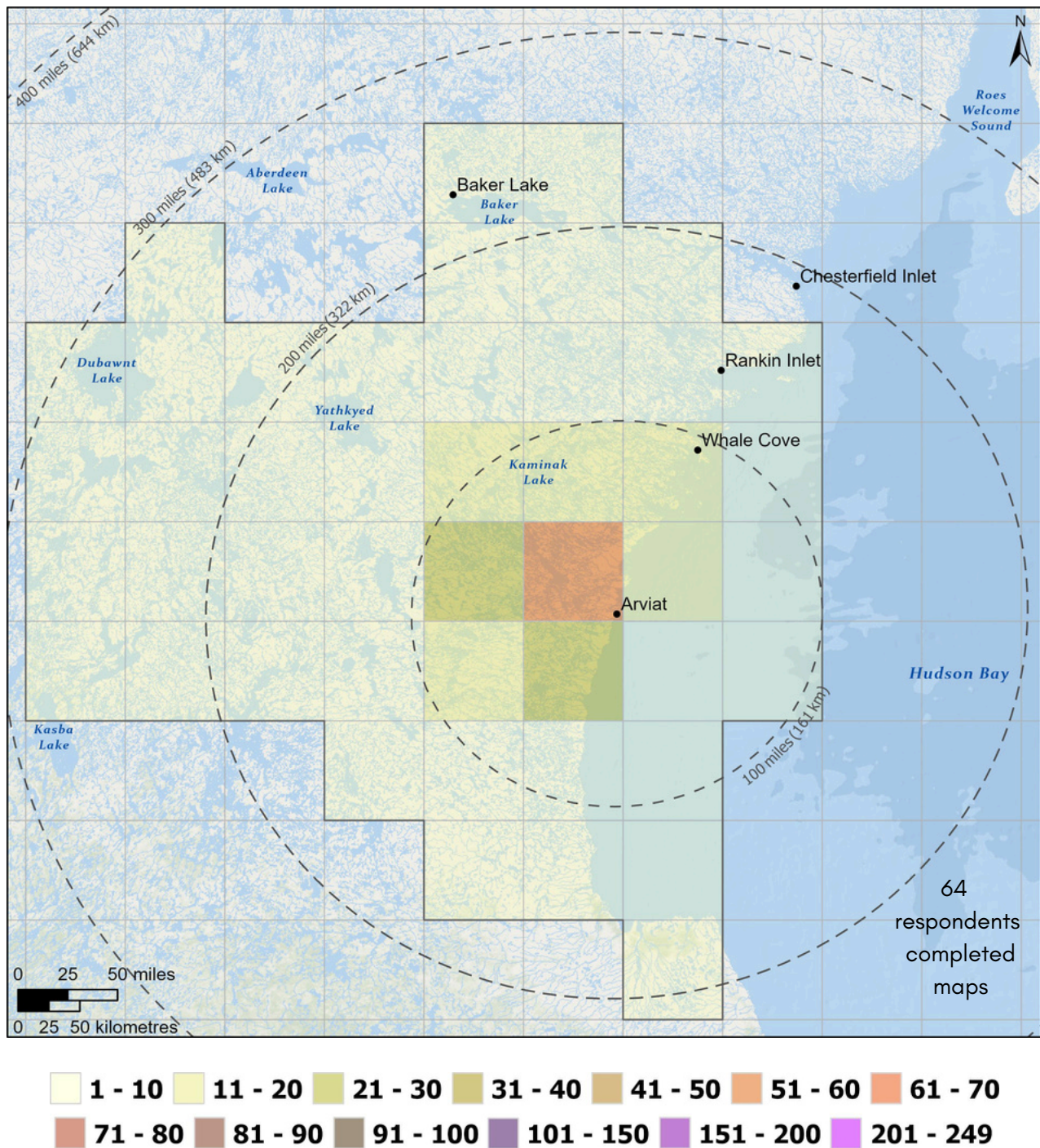


1 - 10 11 - 20 21 - 30 31 - 40 41 - 50 51 - 60 61 - 70
71 - 80 81 - 90 91 - 100 101 - 150 151 - 200 201 - 249

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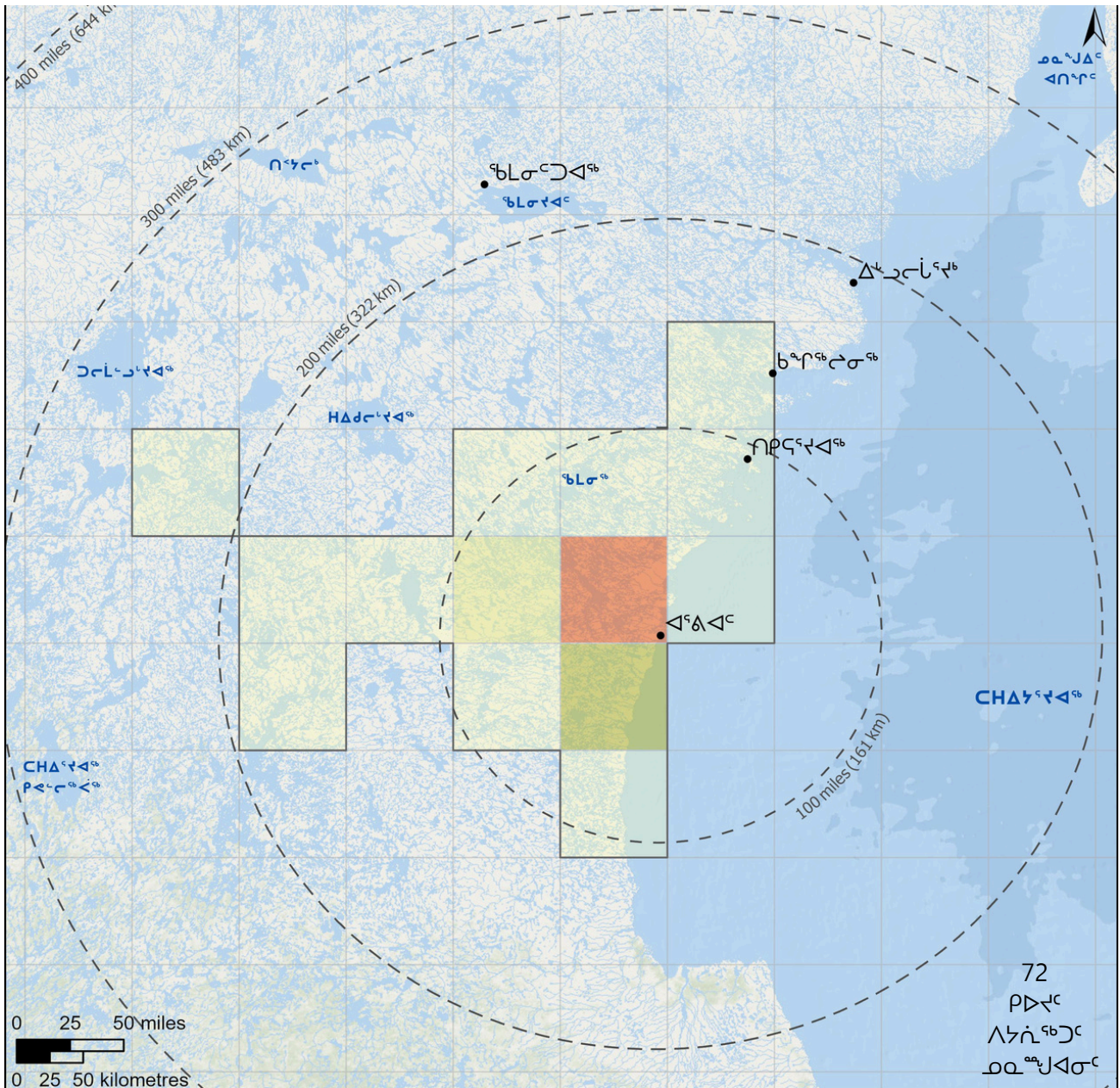
WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL)

SNOWMOBILE TRAVEL



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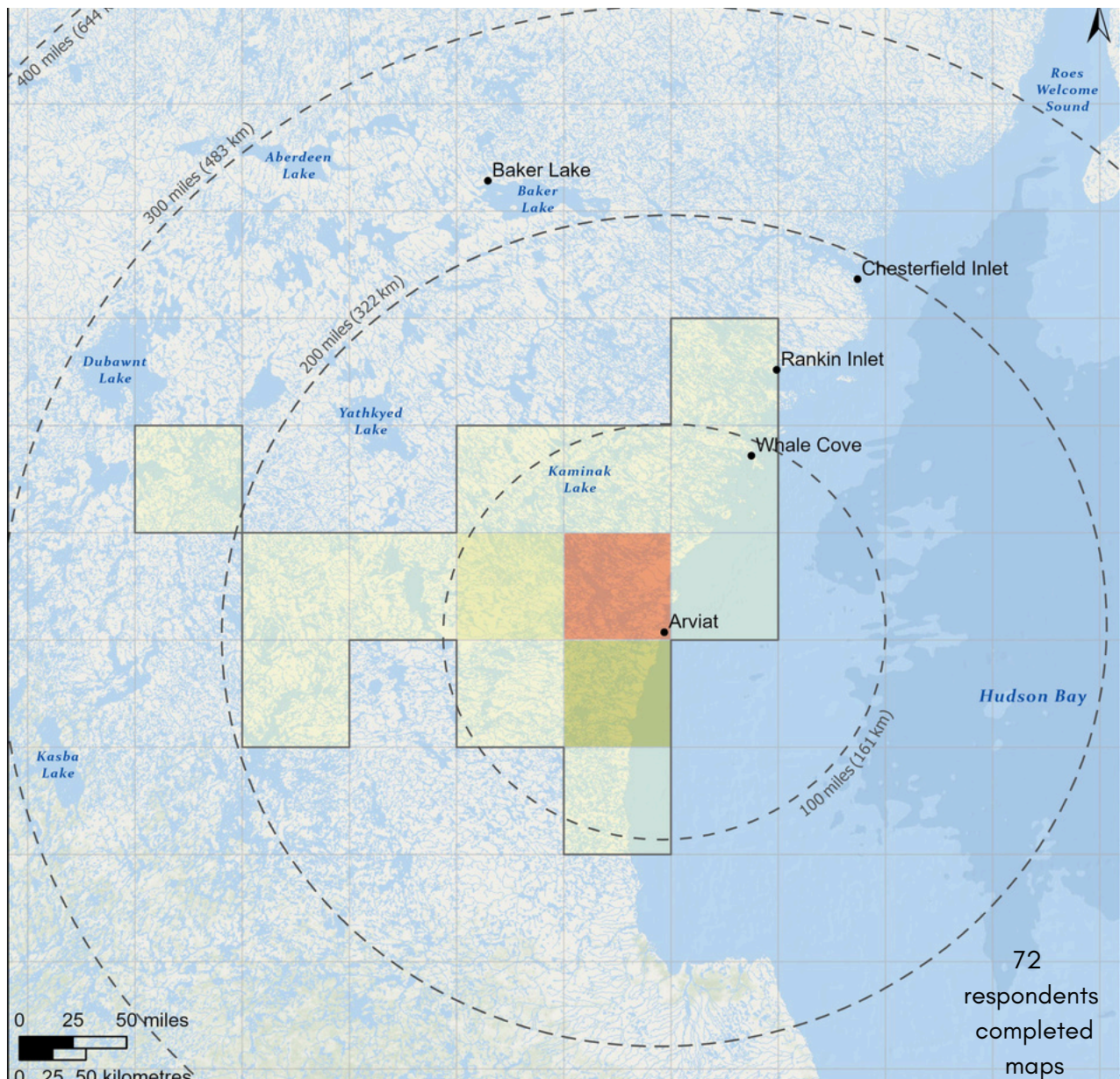
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WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL)

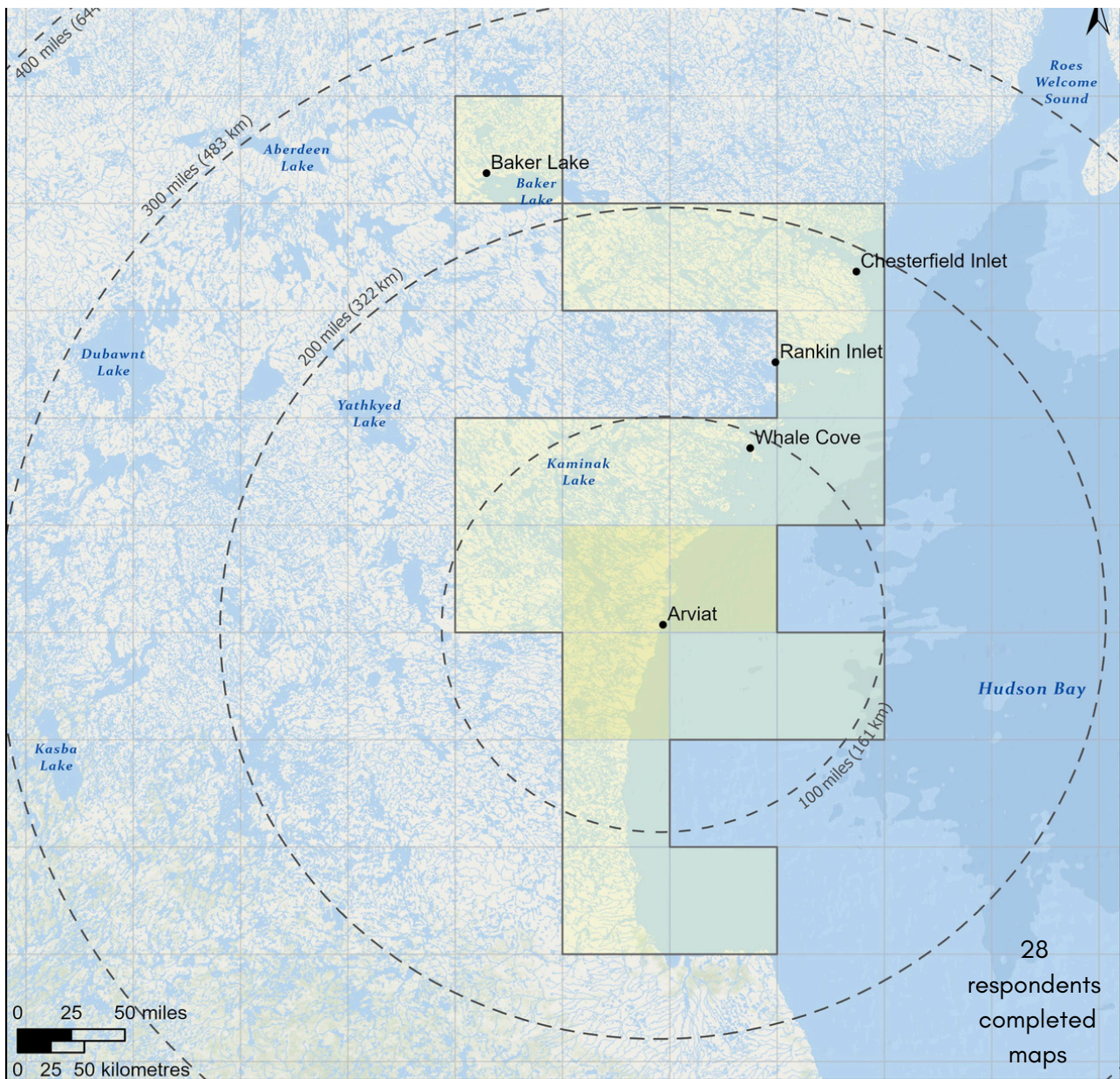
ATV TRAVEL



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL)

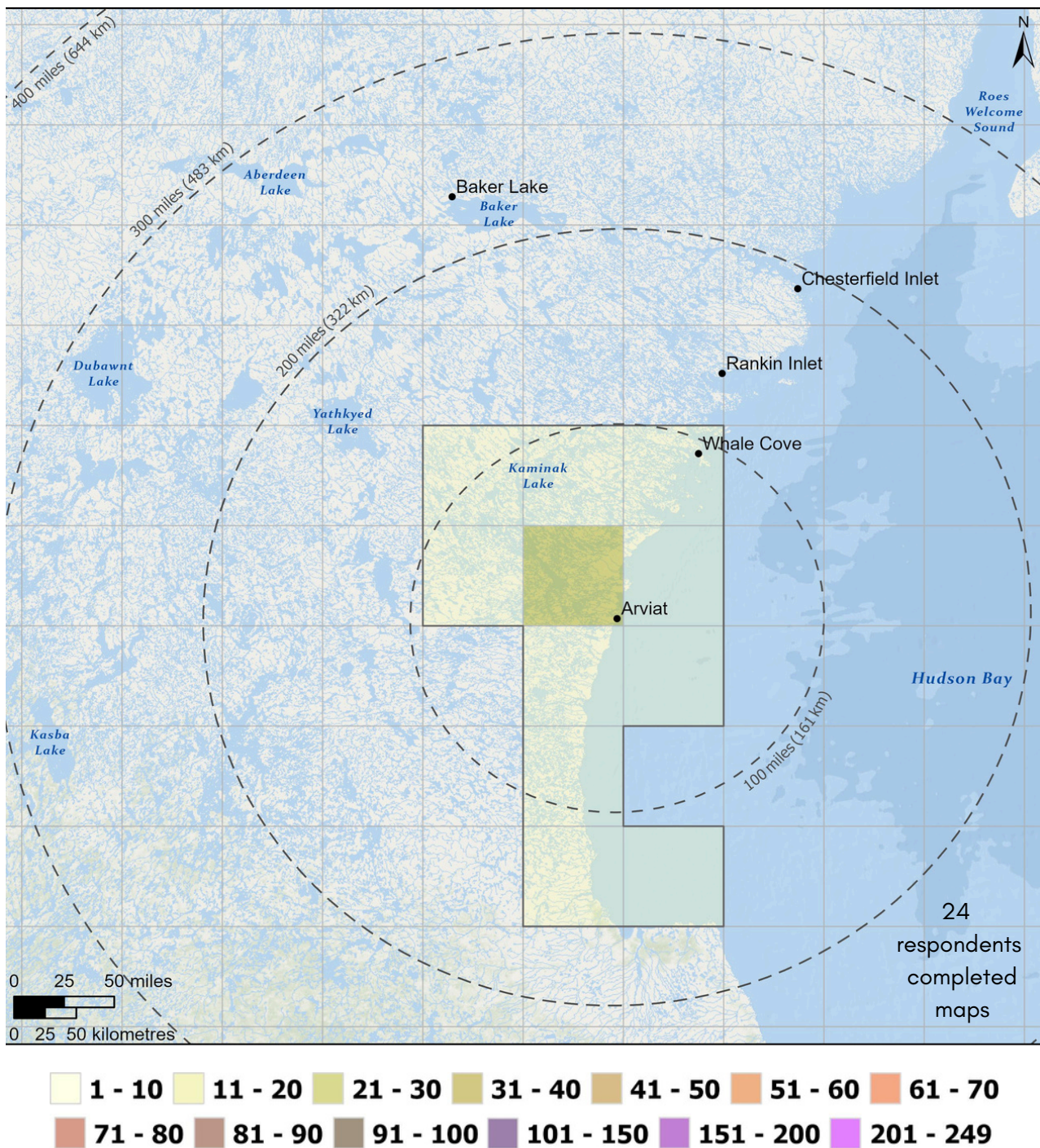
BOAT TRAVEL



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL)

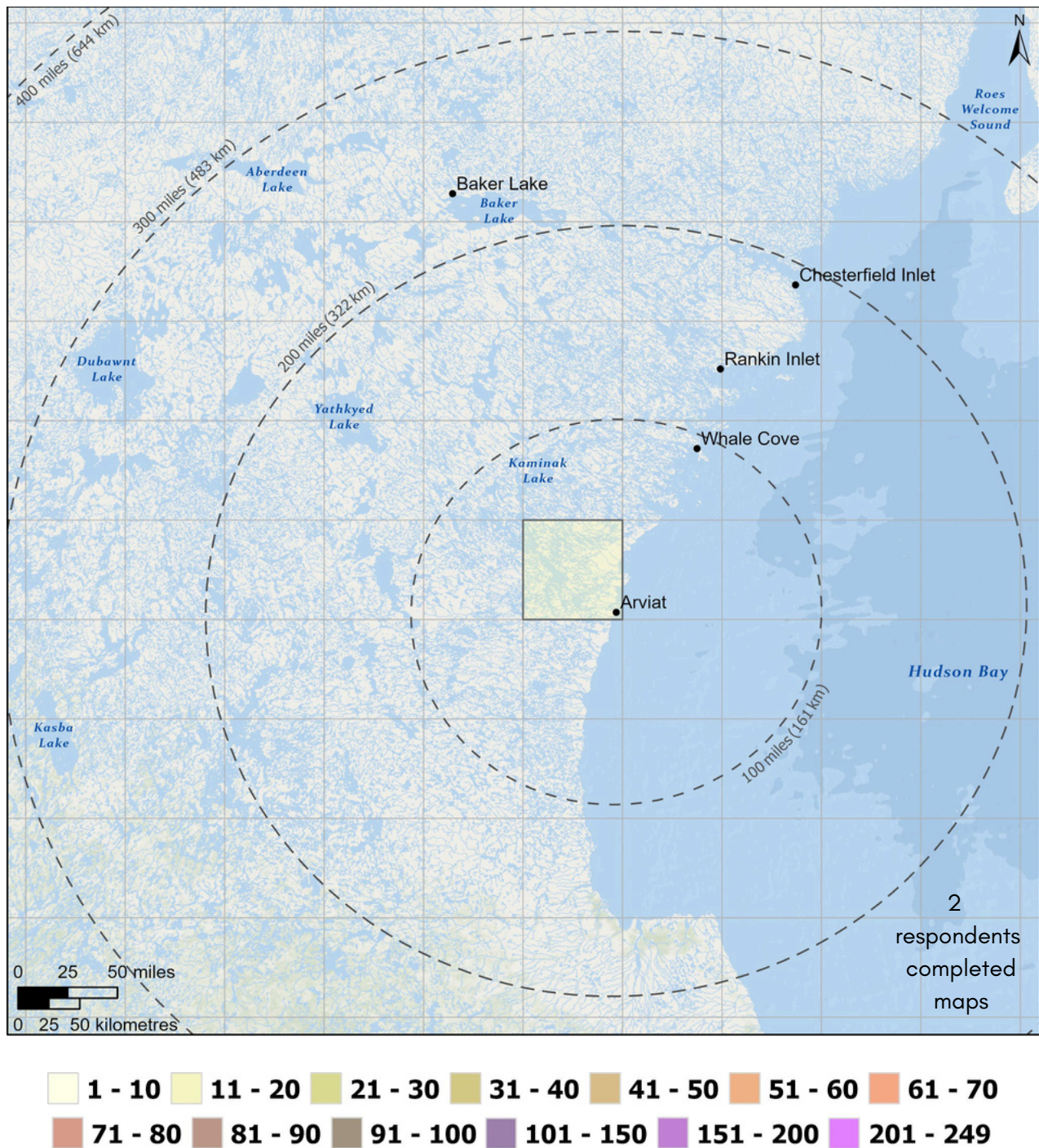
VEHICLE TRAVEL



Number of respondents who travelled in the selected area

WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL)

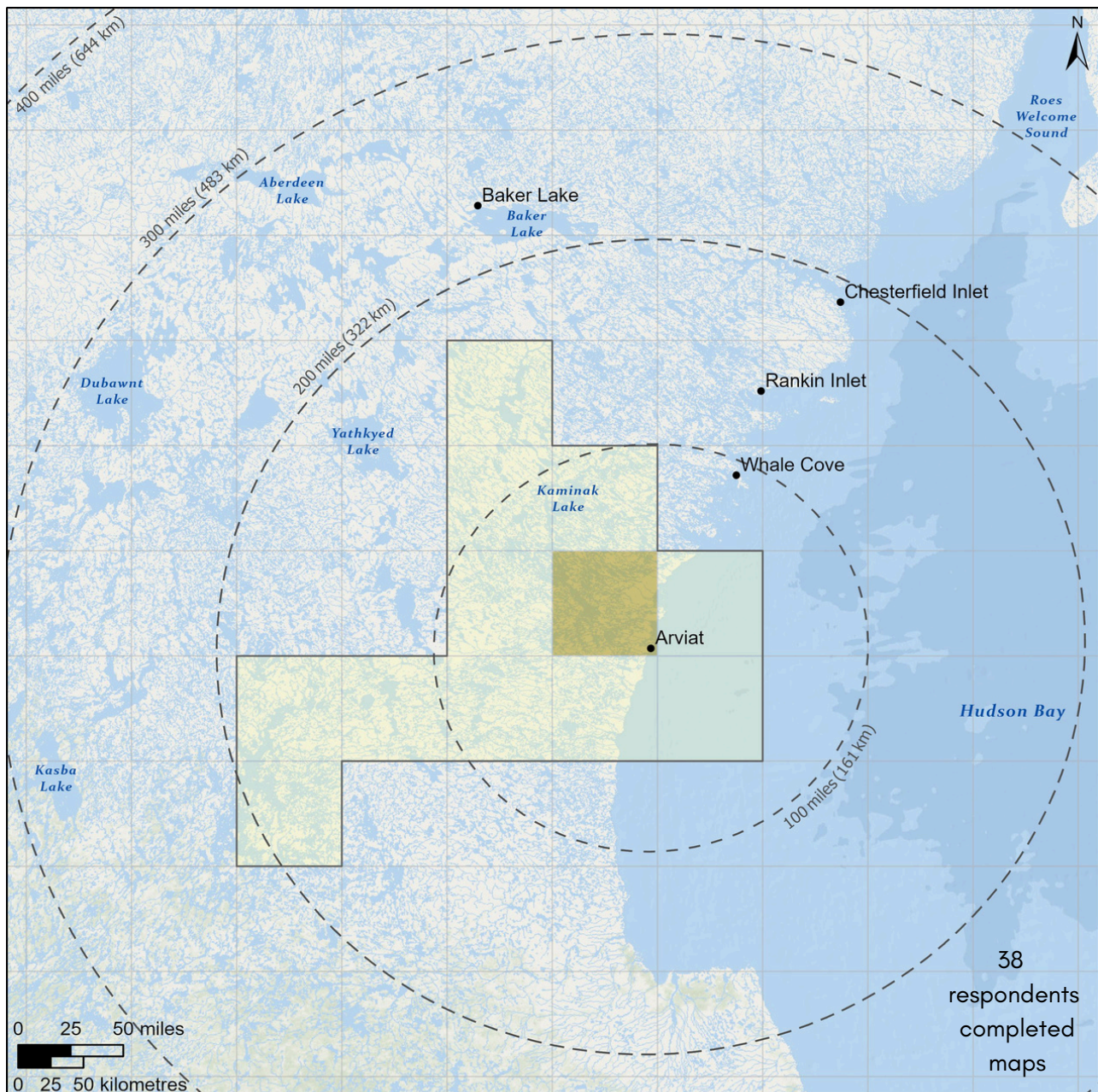
DOG TEAM TRAVEL



Number of respondents who travelled in the selected area

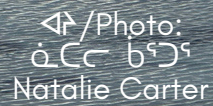
WHERE ARVIARMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL)

ON FOOT TRAVEL



Number of respondents who travelled in the selected area

Arviat, Nunavut

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 DECEMBER 2023