425000 430000 435000 440000

5810000 5805000

TWP 40 TWP 39

RGE 15 W4M RGE 14 W4M RGE 13 W4M

RANGE ROAD 155 RANGE ROAD 154 RANGE ROAD 153 RANGE ROAD 152 RANGE ROAD 151 RANGE ROAD 150 RANGE ROAD 145 RANGE ROAD 144 RANGE ROAD 143 RANGE ROAD 141 RANGE ROAD 140

TOWNSHIP ROAD 402 TOWNSHIP ROAD 400 TOWNSHIP ROAD 394

Battle River Okwaoim Creek Paintearth Creek

861

R005 R007 R009 R010 R012 R014 R015 R022 R027 R030 R034 R036 R045 R046 R051 R053 R054 R056 R060 R063 R064 R065 R068 R070 R081 R111 R112

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35

LEGEND

- SECONDARY HIGHWAY
- LOCAL ROAD
- NOISE STUDY AREA

PROJECT NOISE SOURCES

- TURBINE
- SUBSTATION

THIRD PARTY FACILITIES

- OIL & GAS FACILITY
- OIL & GAS WELL
- PAINTEARTH MINE (APPROXIMATE BOUNDARY)

SHADOW FLICKER CATEGORY - HOUR PER YEAR

- GREATER THAN THIRTY HOURS
- LESS THAN THIRTY HOURS
- LESS THAN TWENTY HOURS
- LESS THAN TEN HOURS
- LESS THAN FIVE HOURS
- NO SHADOW FLICKER

Predicted Project Noise Levels (dBA)

- 30
- 35
- 40
- 45

0 2 4

1:50,000 KILOMETRES

CLIENT

Capital Power

CONSULTANT

WSP GOLDER

YYYY-MM-DD 2022-05-04

REFERENCE(S)

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PROJECTION: UTM ZONE 12 DATUM: NAD 83

PROJECT

HALKIRK 2 WIND POWER PROJECT

TITLE

NOISE AND SHADOW FLICKER PREDICTIONS

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

25mm 0

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