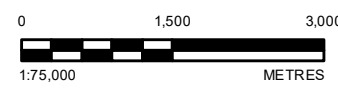


- LEGEND**
- PRIMARY HIGHWAY
  - SECONDARY HIGHWAY
  - LOCAL ROAD
  - RAILROAD
  - WATERCOURSE
  - POPULATED AREA
  - WATERBODY
  - NOISE STUDY AREA
- PROJECT NOISE SOURCES**
- PROPOSED SUBSTATION
  - PROPOSED TURBINE - PHASE 1
  - PROPOSED TURBINE - PHASE 2

- PREDICTED SHADOW FLICKER FROM THE PROJECT**
- LESS THAN 20 HOURS PER YEAR
  - LESS THAN 15 HOURS PER YEAR
  - LESS THAN 10 HOURS PER YEAR
  - LESS THAN 5 HOURS PER YEAR
  - NO SHADOW FLICKER
- PREDICTED PROJECT NOISE LEVELS [dBA]**
- 30-35
  - 35-40
  - 40-45
  - 45-50
  - >50

**NOTE(S)**  
ALTERNATE TURBINE LOCATIONS WERE NOT INCLUDED IN THE NOISE AND SHADOW FLICKER PREDICTIONS AND ARE NOT INCLUDED IN THIS FIGURE

**REFERENCE(S)**  
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PROJECTION: UTM ZONE 12 DATUM: NAD 83



CLIENT  
**RENEWABLE ENERGY SYSTEMS CANADA INC.**

PROJECT  
**FORTY MILE WIND POWER PROJECT**

TITLE  
**NOISE AND SHADOW FLICKER PREDICTIONS**

CONSULTANT  
**wsp GOLDER**

YYYY-MM-DD	2022-05-30
DESIGNED	VY
PREPARED	LMS
REVIEWED	VY
APPROVED	TC

PROJECT NO. 21494125      PHASE 4000      REV. 0      FIGURE 1

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