

ATTACHMENT 1B - PREDICTED CUMULATIVE
DAYTIME AND NIGHTTIME SOUND LEVELS

Cumulative Daytime Sound Levels (Expected Conditions)

☒ > 50 dBA

Cumulative Nighttime Sound Levels (Expected Conditions)

☐ ≤ 40 dBA

▨ 41 to 45 dBA

■ > 45 dBA

Cumulative sound levels are predicted to comply with provincial requirements

🏠 Residence Excluded from Noise and Shadow Flicker Modelling

Project Components

⊕ Turbines

⊕ Meteorological Towers

🏠 Receptor

— Access Roads

— Collection Lines

▭ Project Area

▭ Wildlife Study Area (1 km)

▭ Consultation Buffer (800m)

▭ Notification Buffer (2 km)

▭ Battery Energy Storage System Facility

▭ Operation and Maintenance Building

▭ Substation

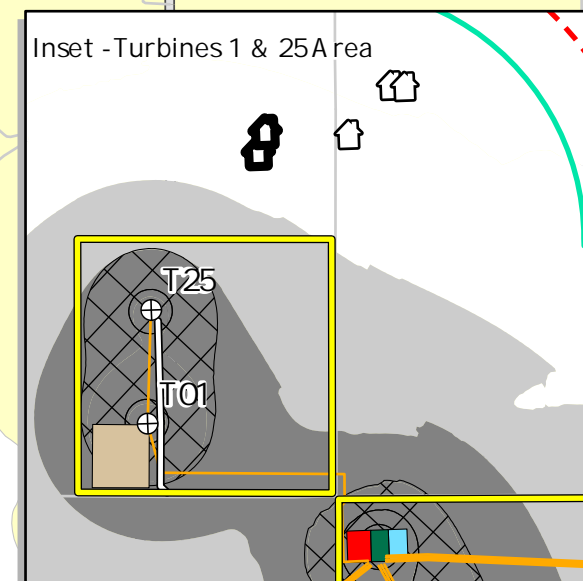
▭ Temporary Construction Compound

Base Elements

✈ Aerodrome Facility

— Municipal Roads

— Provincial Highway



Kainai Nation
(Blood Reserve 148)

1:60,000

0 0.5 1 2 Kilometers



MAP DRAWING INFORMATION:

DATA PROVIDED BY:
ALTALIS, CAN VEC, ESRI, GEODISCOVERALBERTA AND DILLON CONSULTING

MAP CREATED BY DU
MAP CHECKED BY BH
ROTATION: 2°

MAP PROJECTION: NAD 1983 UTM Zone 12N



PROJECT: 212787
STATUS: Issued For Use
DATE: 2024-05-31

