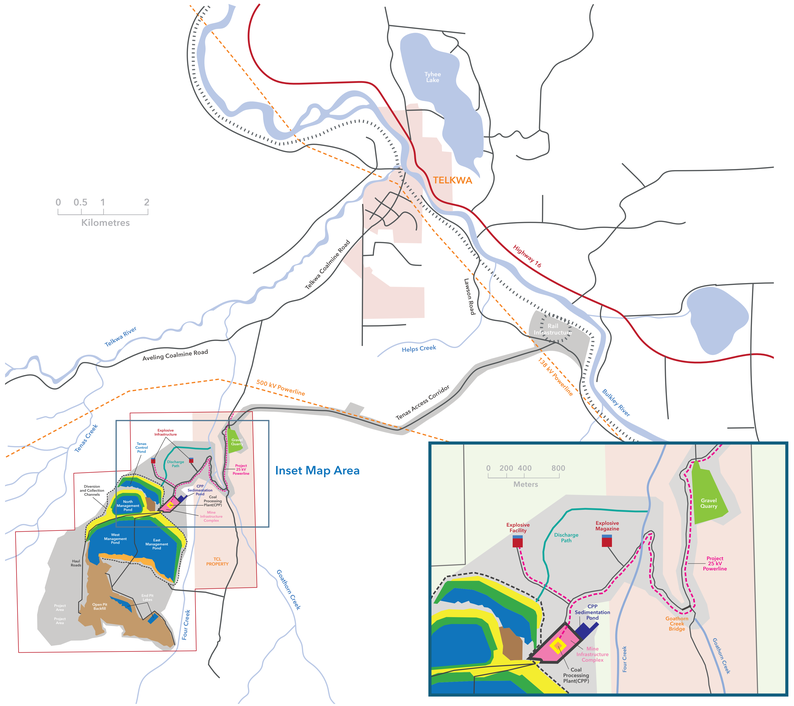
TENAS ACCESS CORRIDOR

Includes Bypass, FSR, and Private Roads

TENAS PROJECT



- Telkwa Mining Limited (TML) access road leaving the minesite follows the existing Forest Service Road (FSR) and then a TML private road down into the Goathorn Creek valley.
- Crosses Goathorn Creek over a new bridge and continues up a TML private road towards the Telkwa Coal Mine Road.
- Moves overland along private property boundaries to the 500 kilovolt (kV) powerline.
- Follows the 500 kV powerline for 2 km, then continues overland to the northeast, following the natural grade down to the Rail Infrastructure.
- Crosses Lawson Road approximately 7 km from the village of Telkwa.

Culvert Details

- There are 118 culverts, ranging in length from 10 m to 25 m and have a diameter between 500 mm to 1800 mm.
- Made from Corrugated Steel Pipe.
- Designed for heavy flood conditions (1 in 200 year flood event).

Bridge Details

- The Goathorn Creek Bridge will have a span of 30.5 m and a clearance of 2 m above the 1 in 200 year flood event.
- In addition, there will be eight clear span crossings, which will be comparable to forestry standard crossings. Their average spans will be about 15 m, with a clearance of 0.5 m above the 1 in 200 year flood event.
- Two types of bridge crossings will be used:
  - Concrete slabs, and
  - Steel/concrete composites.
- Use either pile or spread concrete footings.
- Designed to carry a 110-tonne dynamic load of a super B-train truck.

Road Details

- 6 m wide for single lane portions of the access road.
- 10 m wide for double lane sections and pullouts.
- Maximum grade of 8% for loaded/empty processed coal trucks.
- Water management suitable to the specific terrain.

Purpose of Fence

- To reduce potential interactions between livestock and mine traffic on the Tenas Access Corridor within existing grazing licenses.

Fence Details

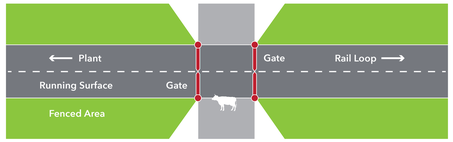
- Uses a combination of barbless and smooth wire to prevent animal injuries.
- Treated wood fence posts for long life.
- High visibility PVC on top wire to improve visibility.

Public Access Considerations

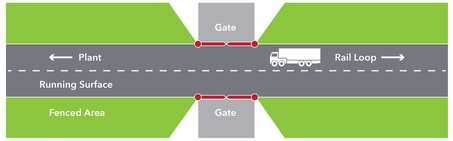
- Gates at Lawson Road to maintain public safety.
- Gates at intersection of TML private road, private driveway, entrance to the Telkwa Coalmine Recreation Camp and the Horse Crossing.

Livestock Crossings

Crossing Open

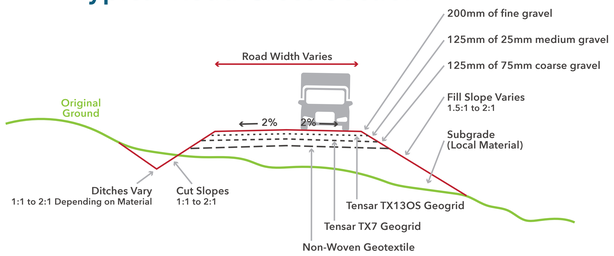


Crossing Closed

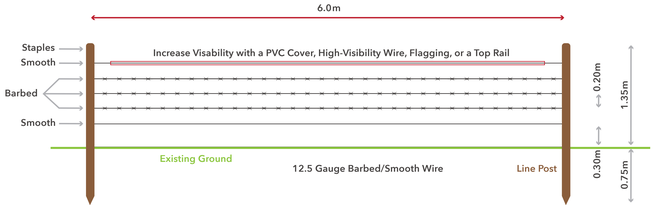


Community feedback from early engagement drove the decision to build the Bypass portion of the TAC at the outset rather than later in the Project's life.

Typical Road Cross Section



Typical Fence Cross Section



TELKWA MINING LIMITED