A screenshot of a cell phone

Description automatically generatedA port authority wants to reduce road congestion into its harbour to increase the productivity of the facility. It wants cargo trucks to get to the harbour from the existing ‘in road’ more quickly. Below is a ‘mud map’ of the port.

The authority is considering two options.

**Option 1:** Build a new road. The planned route of 5 km runs through a large wetland area. This would be a dual carriageway with several openings to allow movement of

water and native animals. The area also contains some plants and animals that are

considered endangered. The estimated cost is $250 million.

**Option 2:** Upgrade local roads through the adjoining town area to dual carriageways. The

estimated cost is $523 million, plus costs associated with compensating local

businesses that are affected during the upgrade.

Outline **two** arguments against Option 1, one economic and the other environmental.

Outline **two** arguments against Option 2, one economic and the other environmental

Evaluate your arguments for both options and explain which option you would recommend

to the port authority.