The logistics of soil and rock removal



Truck 110 metre tipper

Haulage: Capacity: 12 m³ Maximum journeys per day: 8 Daily costs: Fuel: **\$460** Driver wages: \$392 Maintenance: \$63

Key features

- Lightweight can travel on ALL roads.
- Nimble can access all sites, get through traffic lights quicker and travel at designated speed limits.
- Accessible more drivers available as no special
- licence required.

- Readily available project can scale operations up and down with greater ease.
- Smaller capacity more trips per day to
- transport load. More trips = more emissions, increased pollution
- and more road congestion.

Should

1. How much ex remove in one

Truck Capacity x = Amount of soil

Χ____

2. The project re material to be re construction dea

This truck can remo

How many trucks w

Amount of excavate Amount of soil and Number of trucks n

m³÷

3. How much will trucks per day?

Use the information answer this question

Driver wages:

Truck maintenance co Fuel cost:

Total cost for one tru

Total cost to remove th

Cost of one truck x N day = Total cost per d

X

\$

