Stage 4 Geography
Landscapes and Landforms

Assessment: Investigative study & Persuasive presentation

General Instructions

- Complete all aspects of the task including fieldwork booklet and presentation.

Overall assessment components

Component	Instructions	Weighting %	Date due
PART A: Fieldwork booklet	Submit your fieldwork completed on your excursion as a hard copy.	30	
PART B: Mount Keira Cable Car Proposal Analysis and Presentation	Submit parts one and two	40	
PART C: Completed worksheets from IEEC Google Site	Submit Work Sheets for lessons one, two three and six	30	

Material & Resources Required
- IEEC Google Site - Landscapes and Landforms
- Assessment task from IEEC Google site
- Completed worksheets from IEEC Google Site
- IEEC Mount Keira / Djeera field trip work booklet

Outcomes assessed

GE4-1 locates and describes the diverse features and characteristics of a range of places and environments

GE4-2 describes processes and influences that form and transform places and environments

GE4-4 examines perspectives of people and organisations on a range of geographical issues

GE4-8 communicates geographical information using a variety of strategies

Landscapes and Landforms
Assessment outline and task list

Mount Keira Cable Car proposal

This assessment task component is based on a mock scenario whereby a private firm in conjunction with Wollongong City Council has proposed a cable car to be built linking the Stuart Park Beach Reserve with the Mount Keira Summit Park.

As the Town Planning company tasked with developing the proposal, you are tasked to convince the people of the Illawarra of the merits of the plan, and also address any opposition that may come from the local community or stakeholders.

PART 1 : The path

Using the provided topographic map, mark the best possible route for a cable car infrastructure to approach the mountain summit so that it **avoids possible landslip (steepest slopes)**, and **also avoids intact native vegetation**.

- Piers to support the cable car need to be no more than 350 metres apart.
- Piers need to be no more than 200 metres from an existing road.
- Piers should be on as flat as possible surfaces clear of remnant intact vegetation.
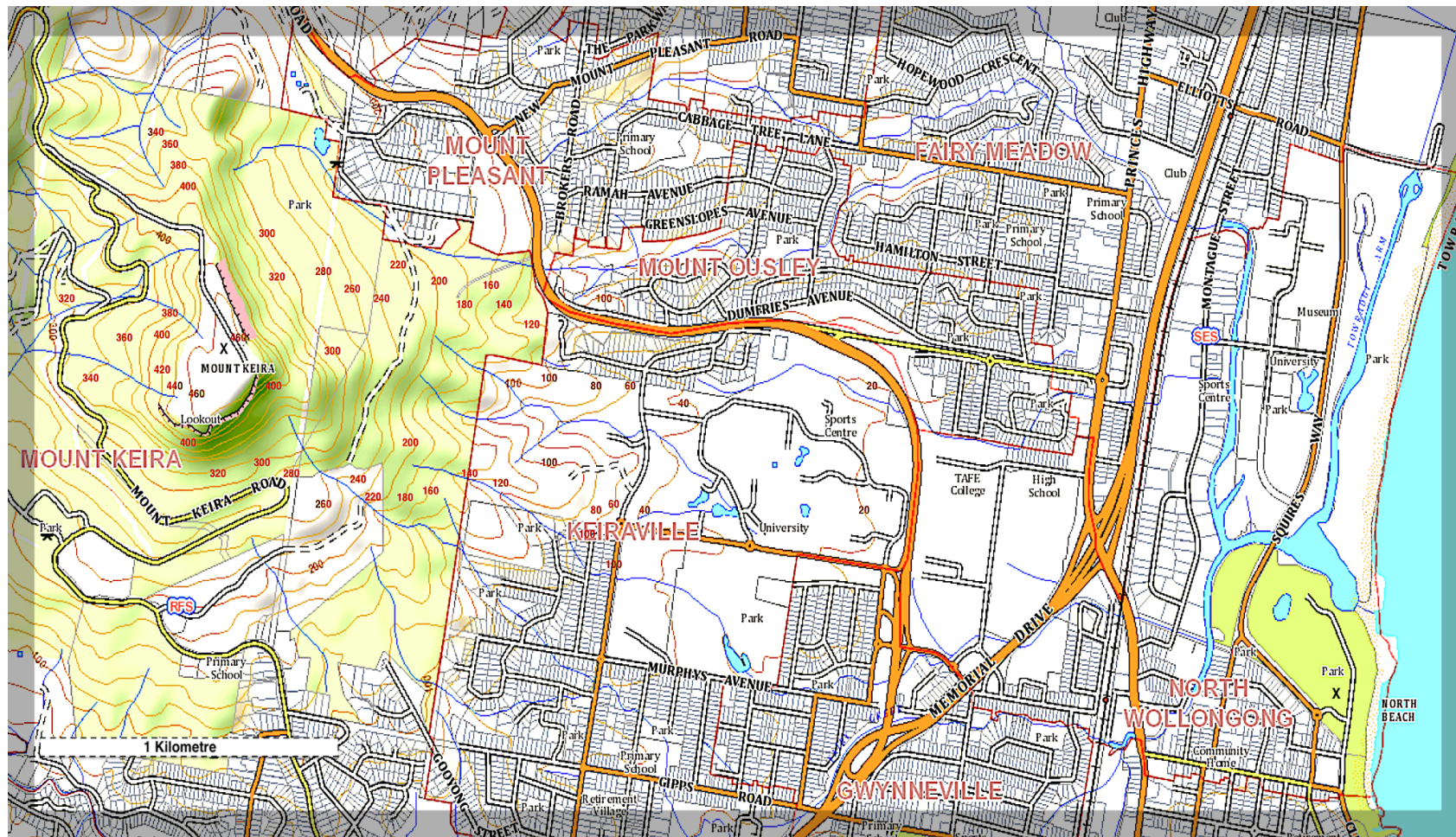- Cable way should be as direct (straight) as possible.

Based on the route you have marked on the topographic map, you are to draw an elevation plot of your proposed cable way.

To complete this task, you will need to:
- ❏ Choose an appropriate title for the elevation plot and map (remember to include where the map is located and what the map is representing)
- ❏ Choose appropriate symbols to represent each of the elements(example piers, cables) in a key
- ❏ Clearly label each element from the key on the map
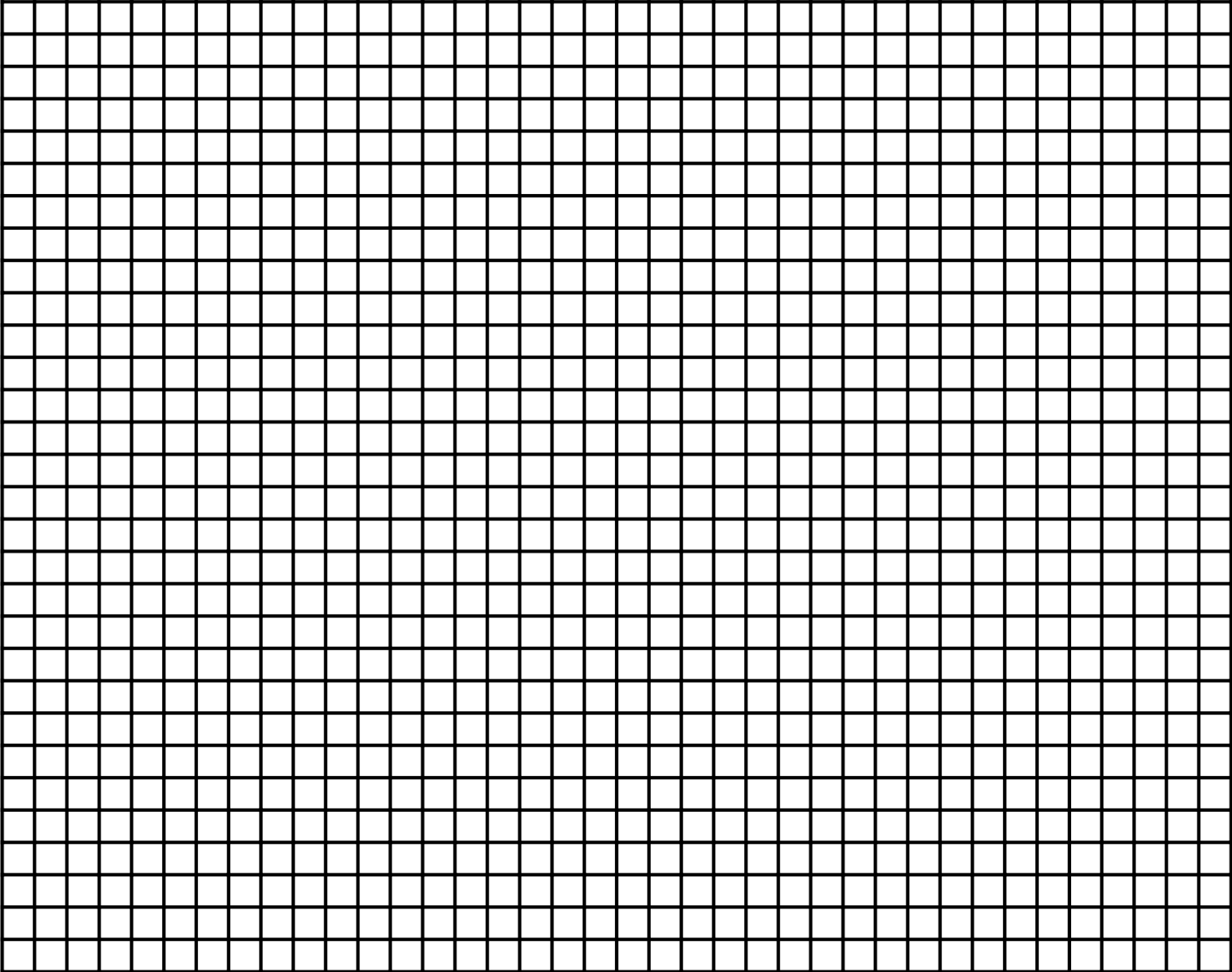- ❏ Use the correct scale when drawing your elevation plot

Title: _____ | **Key**

Mark your proposed cable car route between Stuart Park (**X**) and the summit of Mount Keira / Djeera (**X**)

Complete the Key in the space provided

Title: _____

PART 2 : The pitch

Community members and stakeholders may oppose the building of a cable car to the top of the mountain, you need to think of one opposing argument that each of the following people might make, and then decide how you will counter their opposition.

The following examples are the type arguments that opponents to the plan may make:
- *That the route the cable car takes would have an irreversible impact on the local ecosystems*
- *That the route the cable car takes would be susceptible to the danger of Landslides*
- *That the route the cable car takes would have an irreversible impact on the aesthetic and spiritual value of the mountain landform.*

Opposing individual or stakeholder	Their expected argument against the proposal	Your counter argument for the proposal
Keen local bushwalker with a passion for rainforest trees		
The local Aboriginal Land Council		
A local amateur mountain bike rider		

The NSW National Parks authority		
A Wollongong University geologist		
The owners of a tourist bus service that visit the mountain		

This table may be used to draft you responses in dot point form, you may wish to write/type more extensive responses