

**VICTORIA JUNIOR COLLEGE  
PRELIMINARY EXAMINATION**

**GEOGRAPHY Higher 1**

**8812/01**

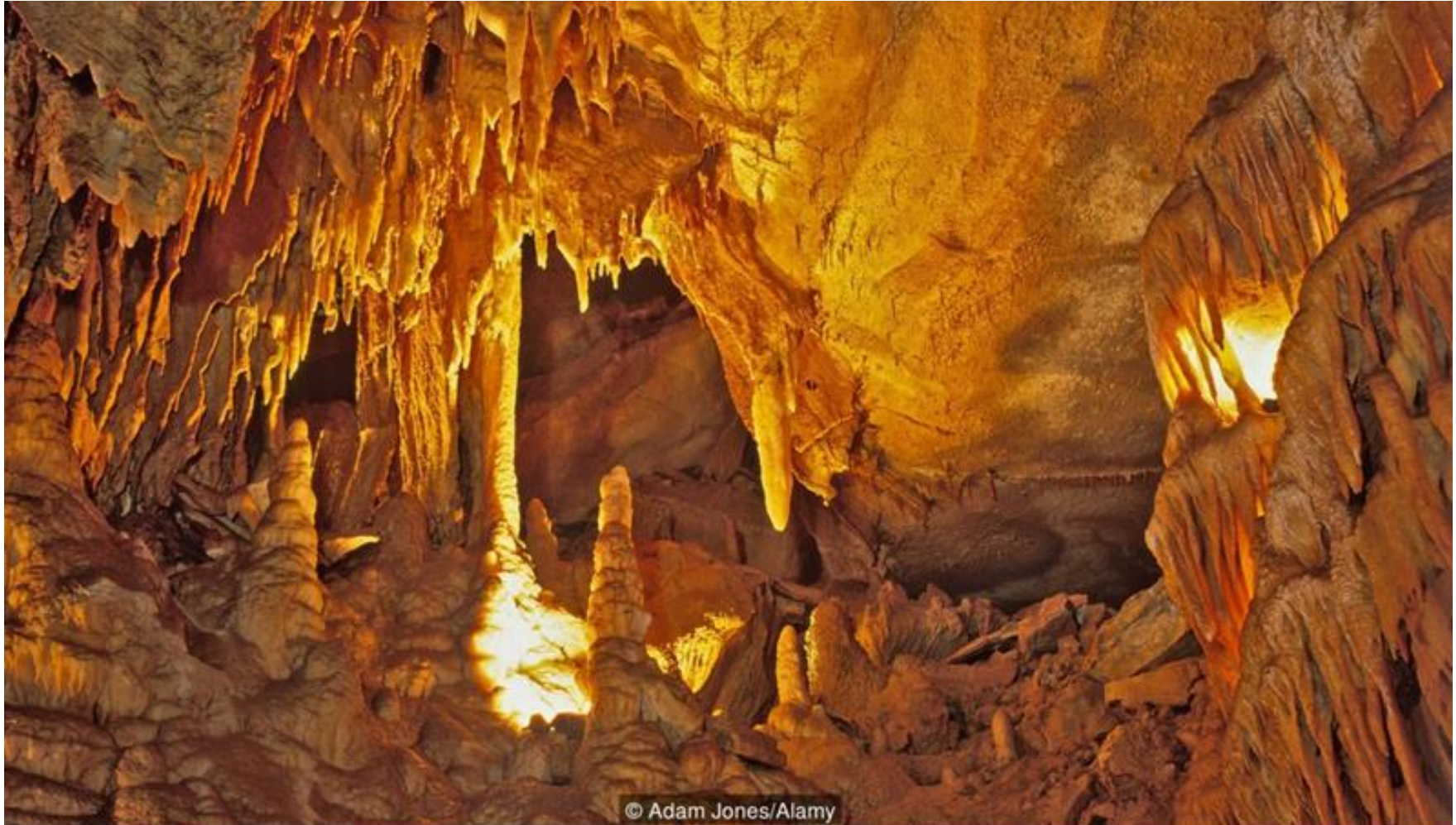
**INSERT**

**Wednesday 14<sup>th</sup> September 2016  
3 hours**



**Photograph A for Question 1**

**Limestone cave system in Kentucky, USA**



Figs 1A and 1B for Question 2

## Top 20 economies for foreign direct investment (FDI) outflows in 2014

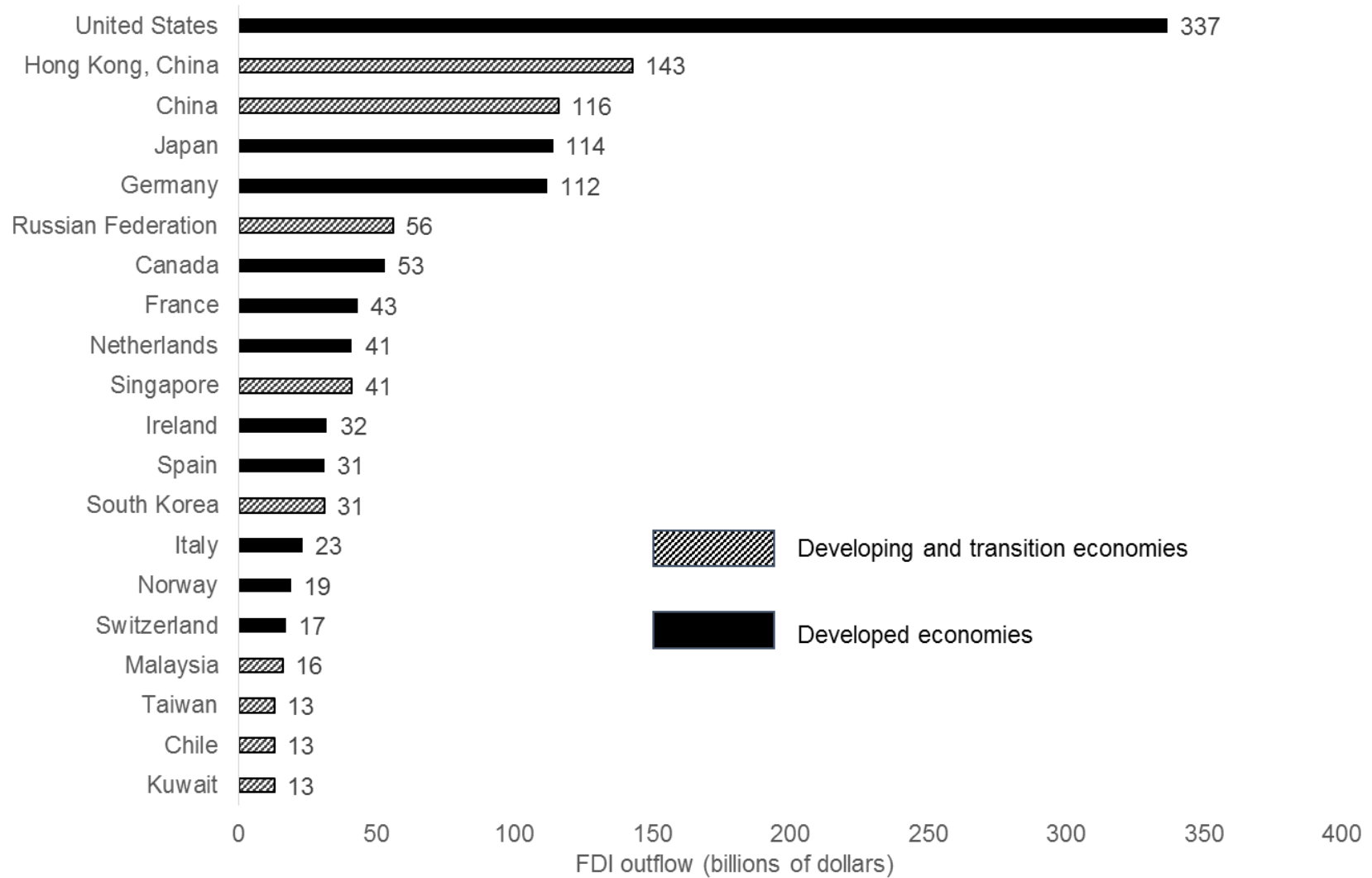
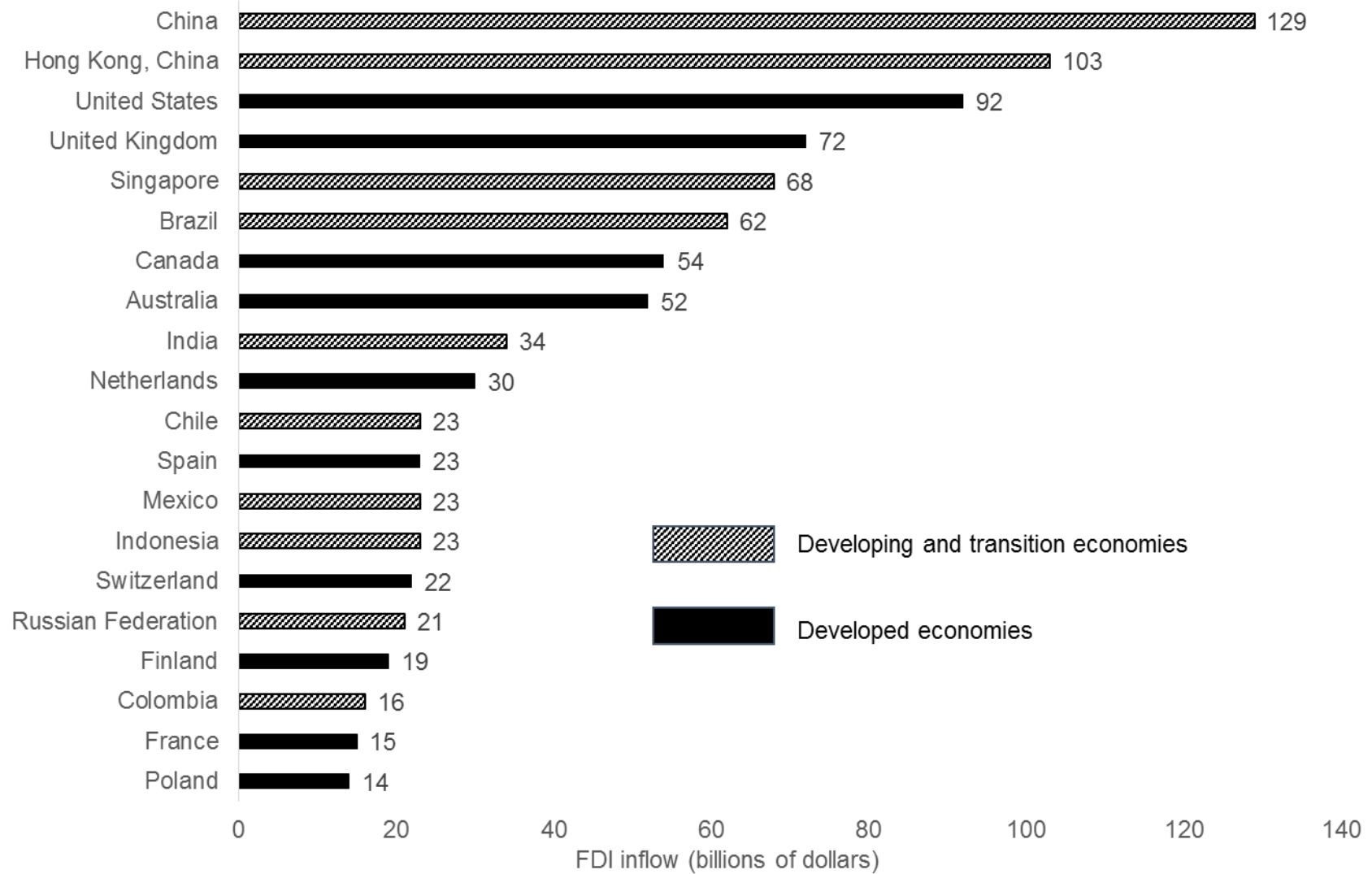


Fig. 1A

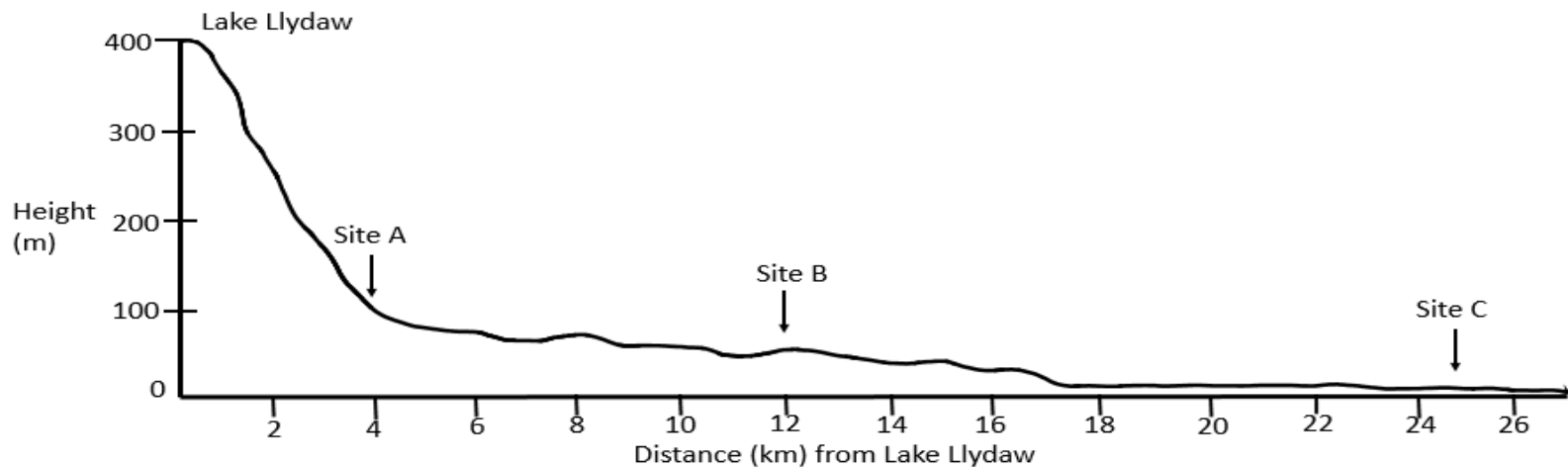
### Top 20 economies for foreign direct investment (FDI) inflows in 2014



**Fig. 1B**

Fig. 2 for Question 3 EITHER

## Some characteristics of River Thalweg, Wales



|  |                |  |                |   |                       |
|--|----------------|--|----------------|---|-----------------------|
| Waterfalls, rapids, potholes, large boulders | Delta and lake | Rapids, small meanders and flood plain | Delta and Lake | Extensive floodplain with large meanders, braiding, pools and riffles, pebbles and gravel on outside bend, sand on inside bend, more turbulent flow | Estuary, exposed sand |
|--|----------------|--|----------------|---|-----------------------|

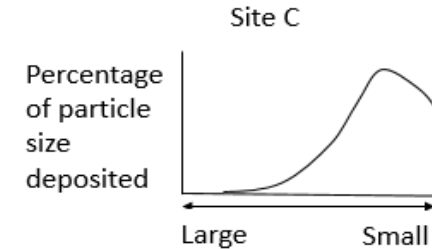
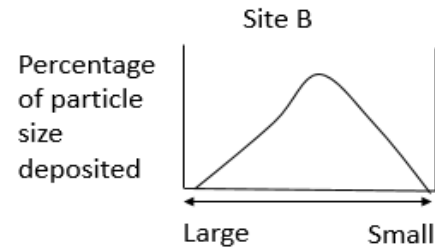
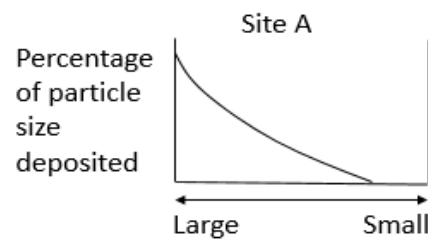




Fig. 3 for Question 3 OR

**Pattern of gentrification and displacement in low income tracts and moderate to high income tracts in San Francisco, USA**

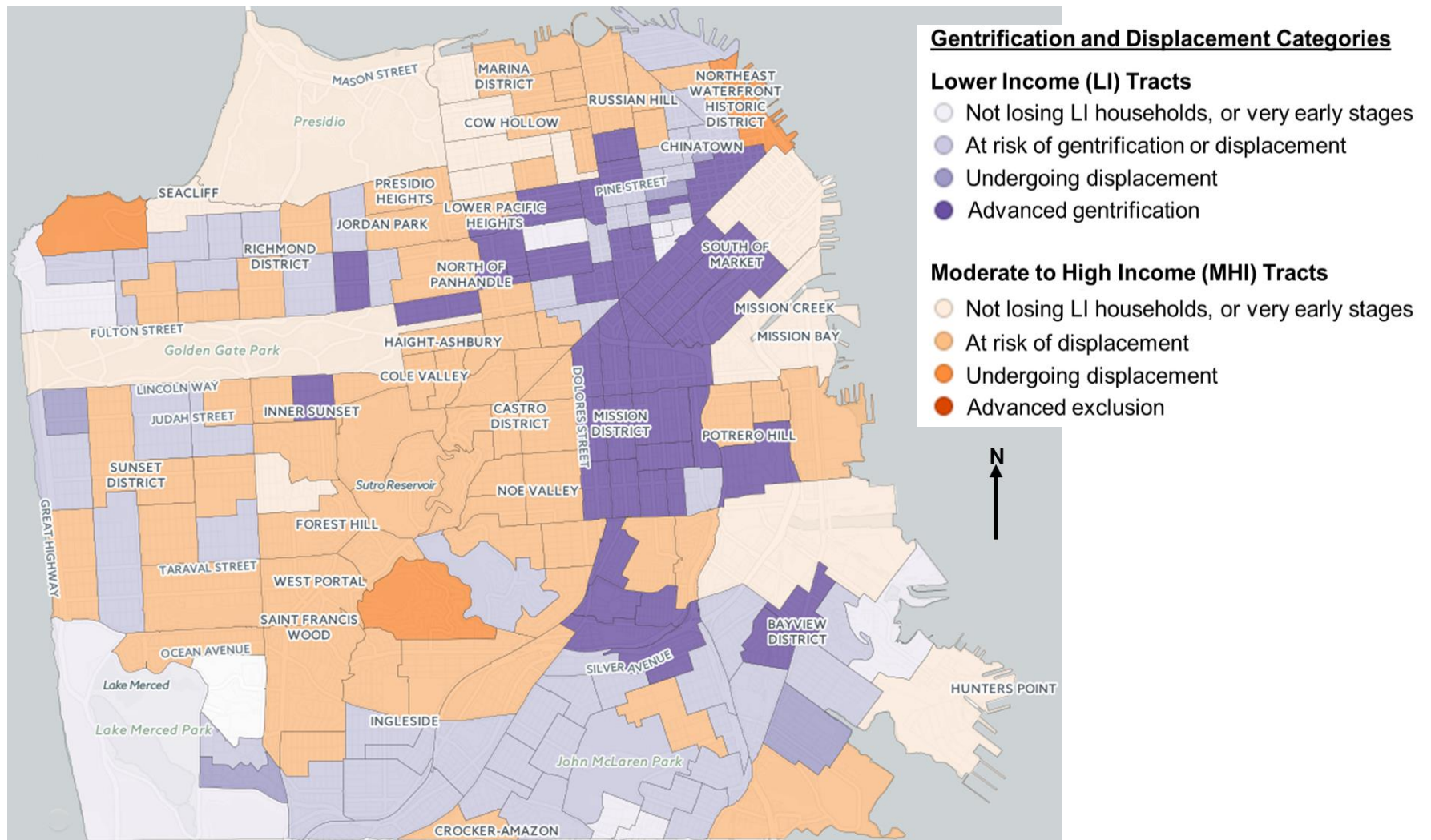
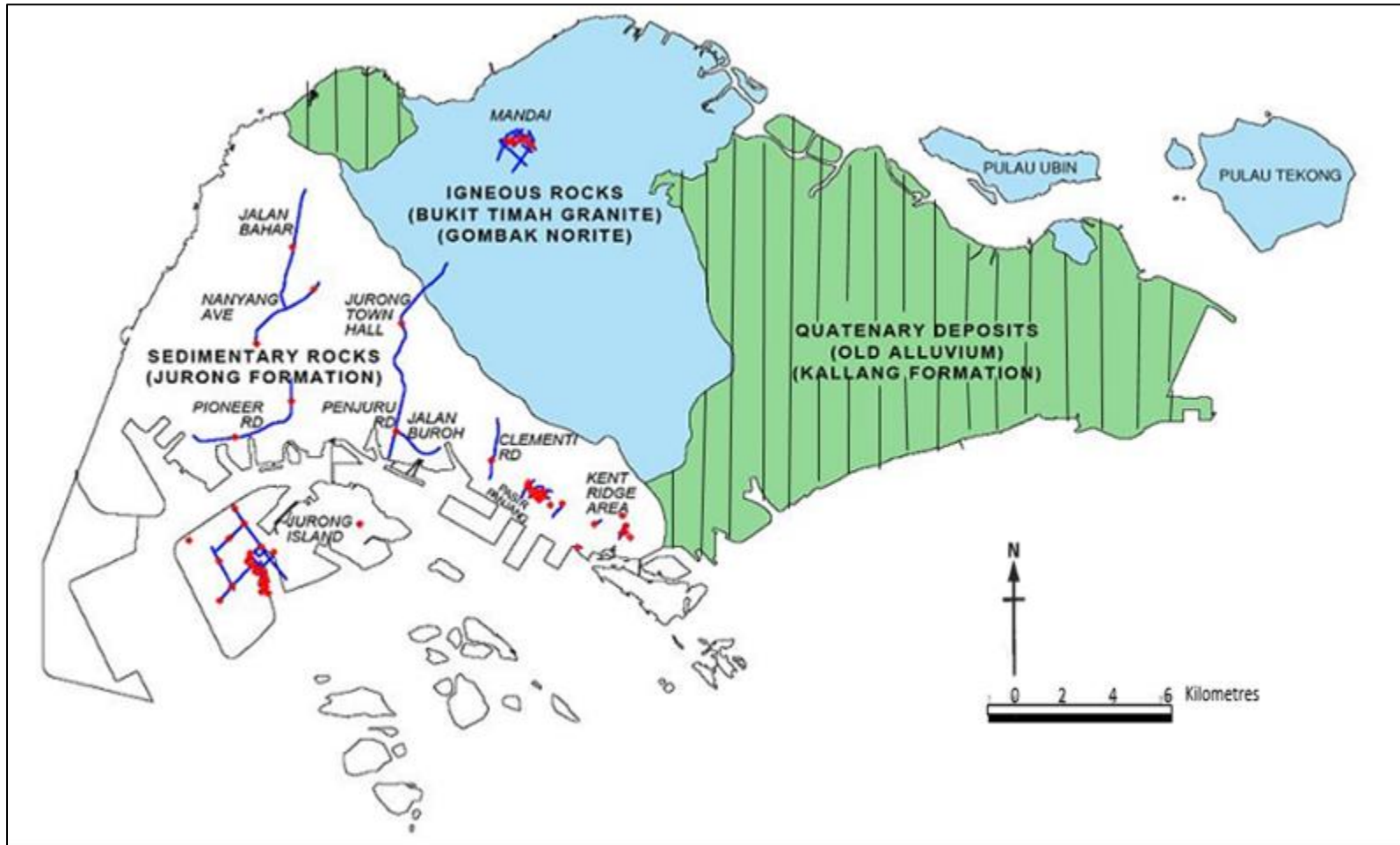


Table 1 for Question 3 OR

## Number of tracts for each gentrification and displacement category in San Francisco, USA

| Lower Income Tracts (>39% of households are considered low income)   |                  | Moderate to High Income Tracts (<39% of households are considered low income)  |                  |
|--|------------------|--|------------------|
| Category   | Number of tracts | Category   | Number of tracts |
| Not losing income households or very early stages<br>- <i>Does not fall within any of the below categories</i>   | 9                | Not losing income households or very early stages<br>- <i>Does not fall within any of the below categories</i>   | 13               |
| At risk of gentrification or displacement<br>- <i>Strong demand for housing</i><br>- <i>High public transport connectivity</i><br>- <i>Lack of affordable housing units</i><br>- <i>Abundant job opportunities</i> | 55               | At risk of displacement<br>- <i>Strong demand for housing</i><br>- <i>High public transport connectivity</i><br>- <i>Lack of affordable housing units</i><br>- <i>Abundant job opportunities</i> | 69               |
| Undergoing displacement<br>- <i>Already losing low income households, affordable housing units and in-migration of low income residents has declined</i>   | 5                | Undergoing displacement<br>- <i>Already losing low income households, affordable housing units and in-migration of low income residents has declined</i>   | 3                |
| Advanced gentrification<br>- <i>Has undergone demographic changes and real estate investment</i>   | 40               | Advanced exclusion<br>- <i>Very low proportion of low income households</i><br>- <i>Very low in-migration of low income households</i>   | 0                |

**Fig. 4 for Question 4 EITHER**  
**Distribution of rock types in Singapore**





**Table 2 for Question 4 OR****Top 25 cities on the Global Cities Index**

| <b>Rank</b> | <b>City</b>             |
|-------------|-------------------------|
| 1           | New York, USA           |
| 2           | London, UK              |
| 3           | Paris, France           |
| 4           | Tokyo, Japan            |
| 5           | Hong Kong, China        |
| 6           | Los Angeles, USA        |
| 7           | Chicago, USA            |
| 8           | Singapore, Singapore    |
| 9           | Beijing, China          |
| 10          | Washington D.C., USA    |
| 11          | Seoul, South Korea      |
| 12          | Brussels, Belgium       |
| 13          | Toronto, Canada         |
| 14          | Moscow, Russia          |
| 15          | Sydney, Australia       |
| 16          | Madrid, Spain           |
| 17          | Berlin, Germany         |
| 18          | Vienna, Austria         |
| 19          | Melbourne, Australia    |
| 20          | Buenos Aires, Argentina |
| 21          | Shanghai, China         |
| 22          | San Francisco, USA      |
| 23          | Boston, USA             |
| 24          | Montreal, Canada        |
| 25          | Amsterdam, Netherlands  |

**Table 3 for Question 4 OR****Top 25 cities on the Global Cities Outlook**

| <b>Rank</b> | <b>City</b>                 |
|-------------|-----------------------------|
| 1           | San Francisco, USA          |
| 2           | London, UK                  |
| 3           | Boston, USA                 |
| 4           | New York, USA               |
| 5           | Zurich, Switzerland         |
| 6           | Houston, USA                |
| 7           | Munich, Germany             |
| 8           | Stockholm, Sweden           |
| 9           | Amsterdam, Netherlands      |
| 10          | Seoul, South Korea          |
| 11          | Sydney, Australia           |
| 12          | Geneva, Switzerland         |
| 13          | Berlin, Germany             |
| 14          | Singapore, Singapore        |
| 15          | Melbourne, Australia        |
| 16          | Atlanta, USA                |
| 17          | Chicago, USA                |
| 18          | Tokyo, Japan                |
| 19          | Paris, France               |
| 20          | Toronto, Canada             |
| 21          | Los Angeles, USA            |
| 22          | Dublin, Ireland             |
| 23          | Copenhagen, Denmark         |
| 24          | Brussels, Belgium           |
| 25          | Dubai, United Arab Emirates |