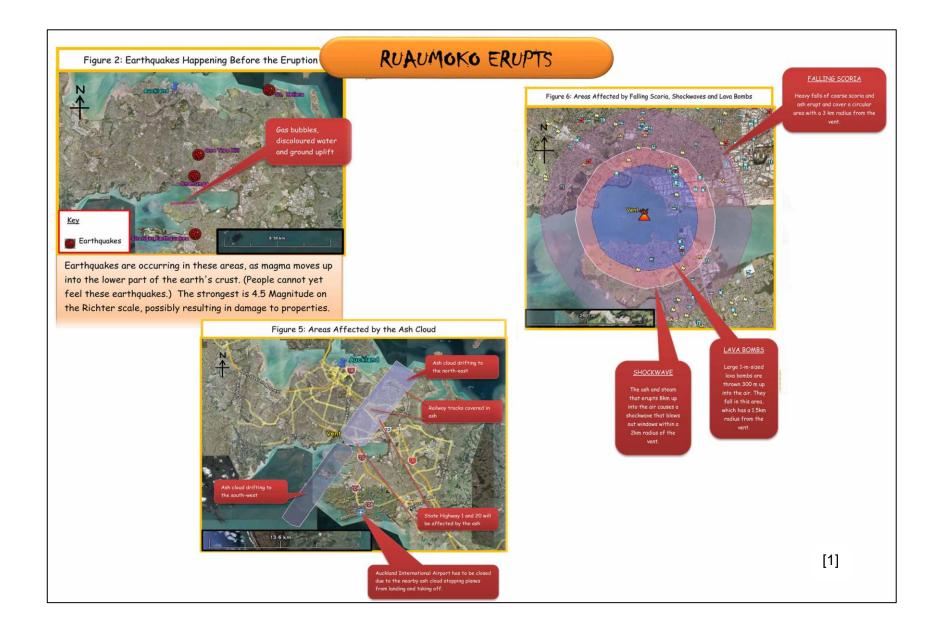
Student 3 – Low Merit



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Identify the areas' directly at risk and the immediate impact of a volcanic eruption in the Manukau Harbour.

The areas at risk are the suburbs close to the Manukau Harbour. Onehunga and Mangere would be the most affected because they are closest to the vent and would feel most of the shock wave and get the most ash and even the lava bombs could reach them as they could go up to 1.5km from the vent (see Fig 6) [2]. The wind blows from the SW so it would blow ash on to other suburbs like Ellerslie and possible as far as Remuera and Mission Bay... [3]

People would have trouble trying to get away from the eruption because of the transport links being disrupted. The eruption of both ash and lava bombs would affect major transport links in this area... The ash showers would affect the main highways e.g. State Highways 1 and 20, and railway tracks... (see fig 5) [2]. The ash cloud would also mean the airport would have to be closed... [4]