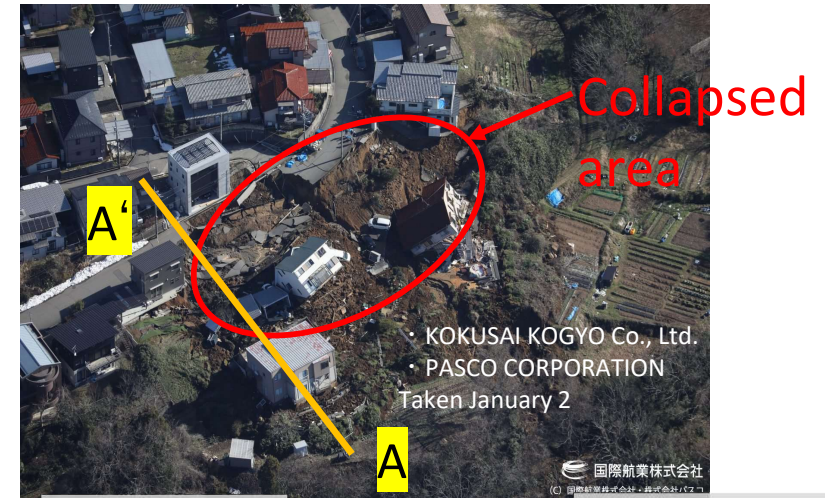


# Slope Failure in Tagamishinmachi, Kanazawa City, Caused by the 2024 Noto Peninsula Earthquake

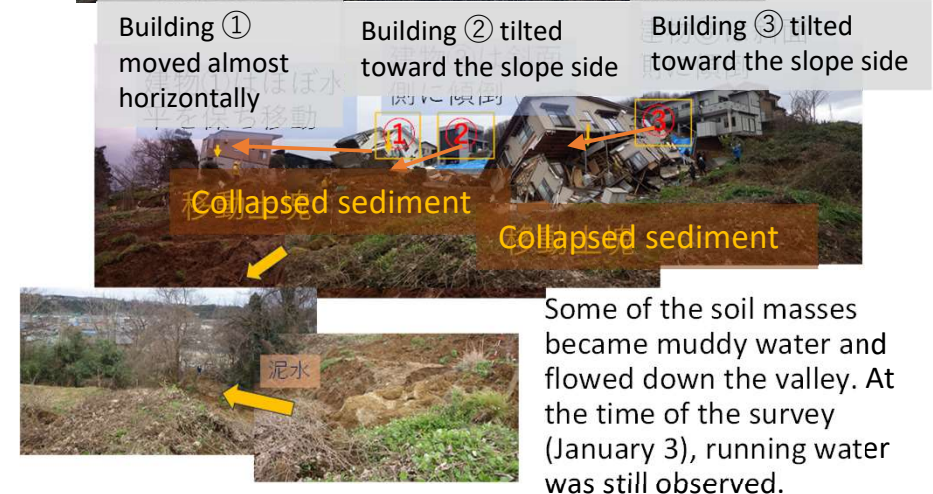
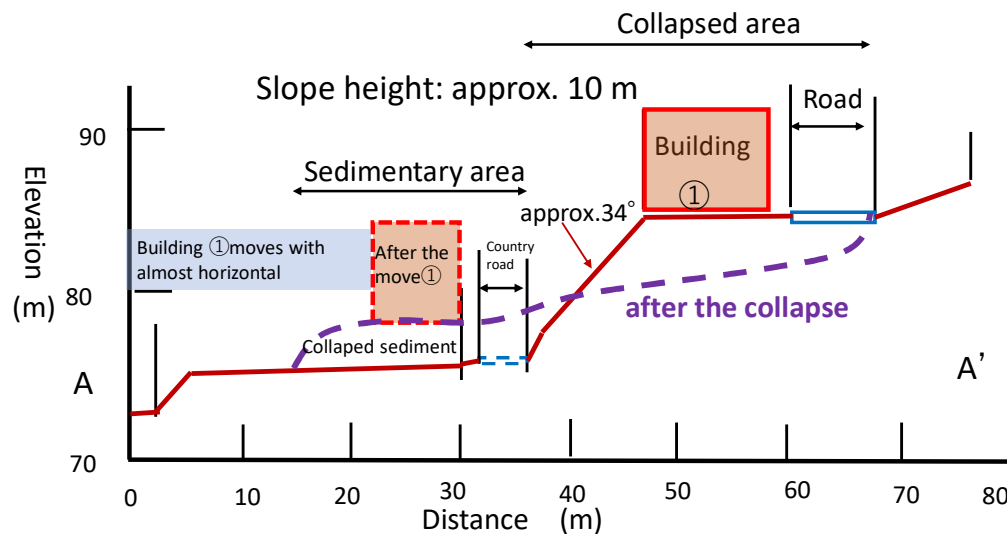


## 【Slope Failure Outline】

- Height : Approx. 10m
- Slope : Approx.  $30^{\circ} \sim 34^{\circ}$
- Length of collapsed area : Approx. .70m
- Amount of moving soil mass : Approx.  $3,000\text{m}^3$



Cross-section view (Surveying line A—A')



Slope collapsed situation

- The collapsed slope is inferred to be **liquefied** within the embankment.
- Since the building (1) on the moving soil mass moved downward about 20 m while remaining nearly horizontal, the movement is presumed to be more like **lateral flow** than collapse.