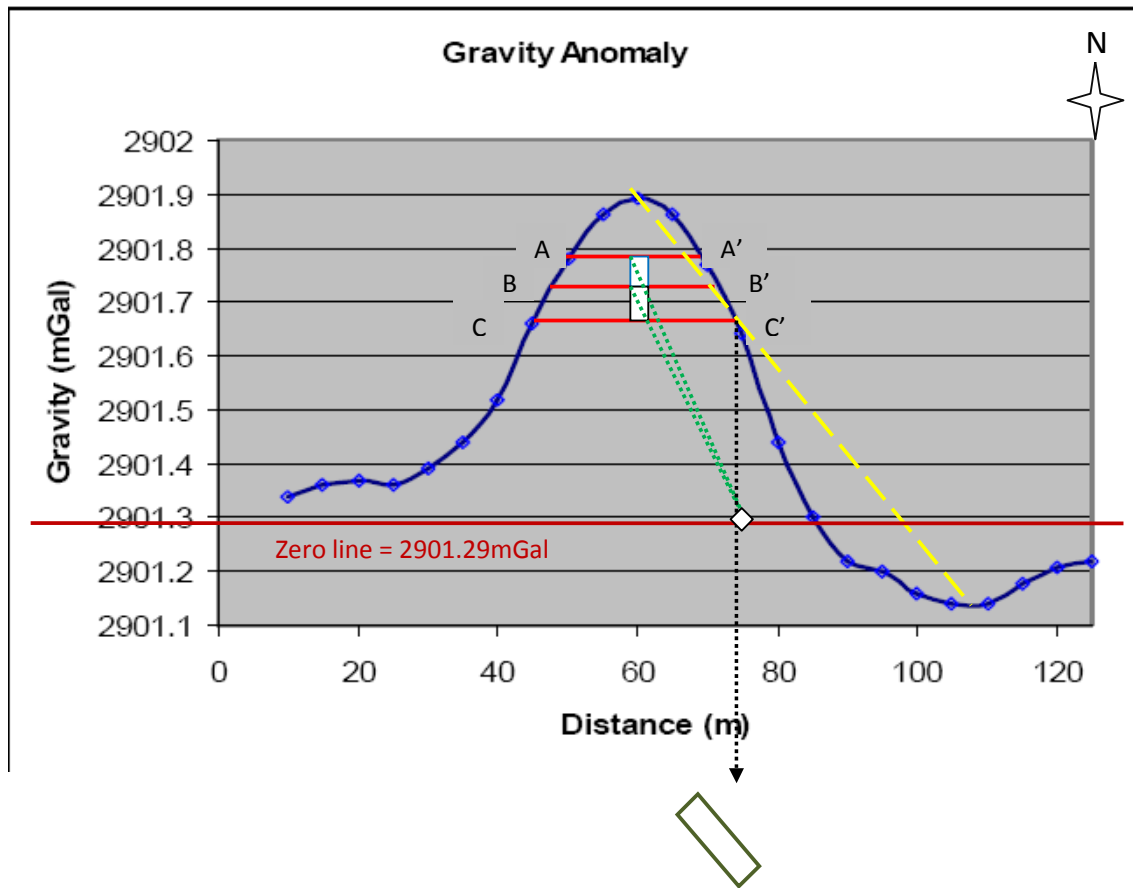
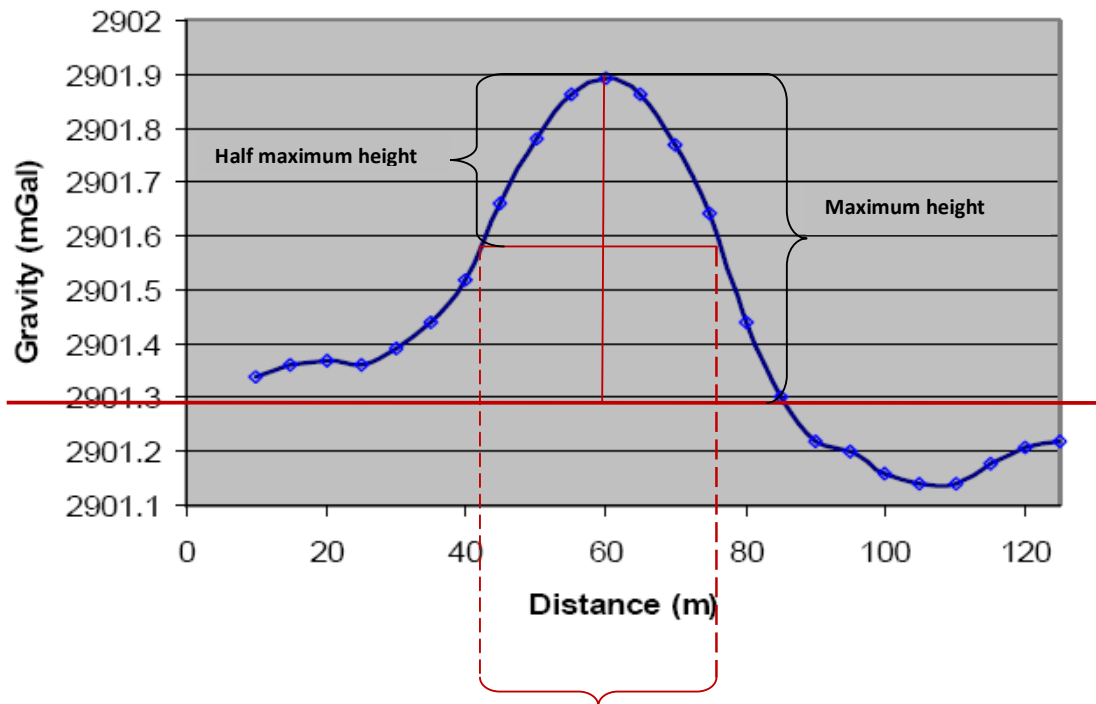


Memo for Practical 2 Gravity Anomaly

1. Establish the position of the zero line of the anomaly of the unknown causative body.
Zero line = 2901.29mGal [2]
2. The position of the center of the causative body “the dyke” is at about the distance of 75 m. [2]
3. The depth to the top of the dyke is: $d = 0.5 \cdot w = 0.5 \cdot 37 = 18.5$ m. [3]
4. The dip of the dyke is in the N-W or S-E direction, see the sketch. [3]



Gravity Anomaly



$$w = 37 \text{ m}$$

$$\text{Depth} = 0.5 * 37 \text{ m} = 18.5 \text{ m}$$