**Week 10: Assignment 10**

Due on Monday, 15th October 2013.

The names of the possible internal failure modes shown in the figure is:

1. Tensile failure
2. Compressive failure
3. Shear failure
4. All of the above

The internal restraints for a rock mass are:

- Friction between the blocks
- Cohesion of the rock mass
- Water pressure in the rock mass
- All of the above

The name of the zone represented by X in the figure given below is:

1. Strike zone
2. Active zone
3. Passive zone
4. None of the above

The maximum principal stress is:

1. 9.2 Pa
2. 12 Pa
3. 1.6 Pa
4. 0.0 Pa

The length-between-focus for rock cohesion is:

1. 0.08
2. 0.84
3. 3.24
4. 0.24

The ground water level at X is:

1. 31.3 m
2. 29.8 m
3. 59.3 m
4. 29.3 m