

At water saturation condition, water moves through the soil according to:

- Matric potential.
- Osmotic potential.
- Hydraulic potential.
- Gravitation potential.

The intensely weathered and leached horizon that has not accumulated organic matter (O.M) is called:

- A-horizon
- E-horizon
- B-horizon
- O-horizon

Minimum fixation and maximum availability of P occurs at pH

- 9.5-11.5
- 5.5-7.5
- 3.5-5.5
- 8.5-10.5