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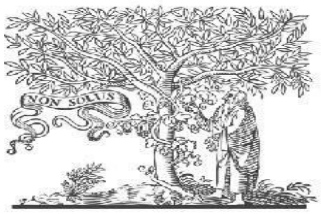

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Title **A LABORATORY STUDY ON EFFECT OF INCLUSION OF CALCIUM CHLORIDE ON STRENGTH BEHAVIOUR OF WOOD SAW ASH TREATED BLACK COTTON SOIL FOR PAVEMENT SUBGRADE.**

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of dark cotton soil to 1180 KN/m2 at 4% of wood saw ash and came to 1690 KN/m2 at 1% Calcium chloride with wood saw ash mixed soil. From it is presumed that 1% Calcium chloride is ideal.

- It is seen from research facility test after effects of cyclic plate burden test that a definitive weight of treated Expansive soil sub level adaptable asphalt has been expanded by 225% regarding untreated Expansive soil sub level adaptable asphalts.
- It is seen from research center test consequences of cyclic plate burden test that Ultimate weight of treated Expansive soil sub level adaptable Pavement with separately fortified among subgrade and base coarse has been improved by 266.66% regarding untreated Expansive soil sub level adaptable asphalts.
- above perceptions give a lucidity that utilization of wood saw ash and strands in soil adjustment can improve quality attributes impressively.
- At 1, 7, 14 Days, Shear quality qualities increments from 0.56Kg/cm2 to 0.89Kg/cm2, 0.56Kg/cm2 to 1.28Kg/cm2, 0.56Kg/cm2 to 1.39Kg/cm2 of dark cotton soil at 4% of wood saw ash and at 1% Calcium chloride with wood saw ash mixed soil. From it is reasoned that 1% Calcium chloride is ideal.
- Generally speaking it very well may be reasoned that wood saw ash and fiber settled soil can be viewed as great ground improvement strategy particularly in building ventures on frail soils from monetary thought.

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