

بسم الله الرحمن الرحيم

SUDAN UNIVERSITY OF SCIENCE & TECHNOLOGY
COLLEGE OF GRADUATE STUDIES

**A THESIS SUBMITTED IN PARTIAL FULFILLMENT
FOR THE REQUIREMENTS OF THE MASTER DEGREE
OF SCIENCE IN CIVIL ENGINEERING (ROAD
ENGINEERING)**

**CHARACTERISTICS OF SUB-GRADE SOIL & ITS
EFFECTS ON THE STRUCTURE OF PAVEMENT**

**خصائص تربة طبقة التأسيس وتأثيرها على الرصف
الإنشائي**

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