INTRODUCTION

These maps describe land-surface water infiltration rates of recharge to buried glacial and bedrock aquifers. Infiltration, recharge, and storage are complex phenomena involving water in motion, precipitation, vadose zone interception, and storage that is largely materials based. Red soils, surficial geologic materials, and underlying geologic materials affect the infiltration and recharge. The term “vadose” is used to describe the unsaturated zone of water through the unsaturated region and recharge. The term “subsurface” is used to describe the saturated zone of water through the saturated region and recharge that is largely materials based. Red soils, surficial geologic materials, and underlying geologic materials affect the infiltration and recharge. The term “vadose” is used to describe the unsaturated zone of water through the unsaturated region and recharge. 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