

RESTRICTED

**SECTION 150 – SAND**

3128. Sand can provide a stronger subgrade or base than would be anticipated from CBR test, if lateral movement is prevented.

3129. In some cases PBS alone has been used with success on suitable sand bases.

3130. In the Middle East, roads capable of carrying sustained military traffic have been constructed by using a 3 to 4-in layer of bit-sand (see Section 97) over a properly shaped and compacted subgrade of natural sand. In some instances, stone haunches had to be used to prevent lateral movement.

3131. Use of these techniques should be based on preliminary trials.

3132. Wet sand mixes require a different technique (see Section 97).