

Appendix C



Fig. 1C—Traditional sheepfoot roller—provides a kneading action for plastic soils.



Fig. 2C—Self-propelled tamping roller—provides the same kneading action for plastic soils.



Fig. 3C—Pneumatic roller—provides static rolling for soils of low to no plasticity.

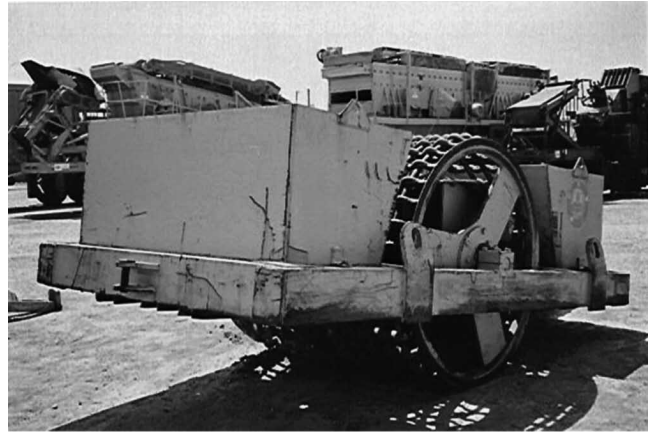


Fig. 4C—Grid roller—used to break down fill material such as shales.



Fig. 5C—Sand cone method (ASTM D1556).



Fig. 6C—Rubber balloon method (ASTM D2167).



Fig. 7C—Drive cylinder method (ASTM D2937).

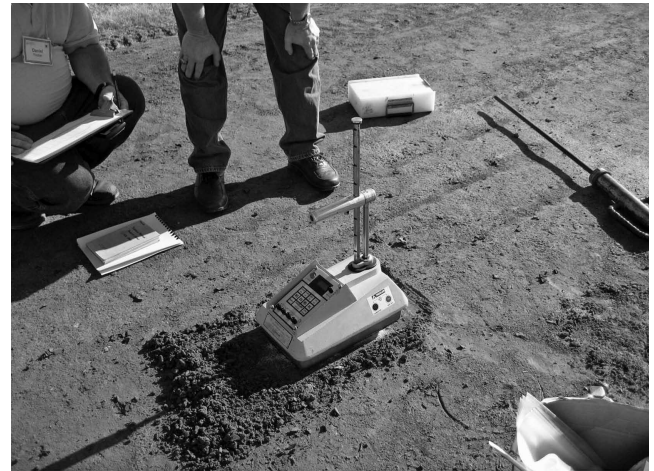


Fig. 8C—Nuclear method (ASTM D6938)



Fig. 9C—Nuclear method (ASTM D6938).



Fig. 10C—Calcium carbide gas pressure tester method (ASTM D4944).



Fig. 11C—Calcium carbide gas pressure tester method (ASTM D4944).