

883. 1 REQUIREMENTS

Clay to be used for gravel surfacing or granular materials to be lime treated shall consist of soil binder or fines, uniform in texture, fineness, and other characteristics. Seams, layers, or pockets of soil encountered not having qualities considered suitable for the intended use shall be wasted.

During production the clay shall be screened over a 1 inch (25.0 mm) sieve to remove oversize clumps and vegetation.

The plasticity index of the clay shall be from 10 to 32 and the liquid limit shall not exceed 50, when tested in accordance with SD 207.

When mixing by a central plant is required, the clay shall be pulverized and shall meet the following requirements based on undried weight just prior to blending with the gravel when tested in accordance with SD 215.

- Percent passing a ¾ inch (19.0 mm) sieve100
- Percent passing a 3/8 inch (9.50 mm) sieve not less than 85
- Percent passing a No. 4 (4.75 mm) sieve not less than 65