

## **TS-5 Tipple and Load-out Area**

The tipple and load-out area will be reclaimed to match the contours shown on [Plate 5-6C](#), although actual contours may vary somewhat to account for required cut volumes and onsite concrete disposal. The excess coal waste will be used as fill in this area and will be buried a minimum of 4' deep, with a minimum of 12" of substitute topsoil material applied on the surface. In [sections 3+00](#) through [8+00](#) the existing road on the east side will be left in place for post mining access as shown on [Plate 5-6C](#). Where no re-grading is required, and in areas where the cut leaves at least 12" of substitute topsoil material, the area will be ripped and existing substitute topsoil material will be used in place. 15,428 cu. yd of material can be generated in [TS-5](#) for use in [TS-7](#) and [TS-8](#), which exceeds the volume needed as shown in [Table 5I-1](#). 1,000 yds<sup>3</sup> of this material will go to [TS-17](#) as described on page [5K-7](#).

The west slope of the tipple area, shown in [cross-section 9+00](#), will be filled to cover the coal waste which exists in the area. Soil and substitute topsoil from the coal storage pad will then be placed over the coal waste as shown in [cross-section 9+00](#). The slope below the tipple pad will consist of removing coal waste material and replacing it with substitute topsoil material. Although the removing and replacing results in a minimal change in the cross-section and contours, the volumes in [Table 5I-4](#) reflect the removal and replacement of this material.

A summary of the cut and fill volumes is shown in [Table 5I-4](#).