

Figure 5J-3 shows the locations of cross-sections for the No. 3 Mine Portal Pad area. The construction sequence will start with the recovery of the topsoil located on the existing cut bench above the proposed pad area. Initial topsoil on the slopes will be recovered using a track hoe to reach approximately 15' below the bench. A pilot road cut will then be made using the track hoe, and the material will be pulled back onto the bench. As the pilot cut proceeds into the bottom of the canyon, the topsoil will be removed from the lower slopes wherever the track hoe can reach. This process will continue until the pilot cut reaches the drainage area where the pad fill is to be placed.

Once access into the drainage has been constructed, the crews will proceed to recover all of the topsoil, which will be hauled to the topsoil storage area shown on Plate 5-2F. An estimated volume of 5,143 cu yds of topsoil material will be recovered. After the topsoil has been removed, the fill will be placed as described in this Appendix. Table 5J-4 shows the calculated cut and fill volumes. The contours of the pad out slope may vary slightly to account for the shortage in cut volumes shown in the Table.

During construction 1,000 yds³ of material was excavated and moved from TS-15 to TS-11 to allow for construction of the tunnel. Once construction was completed 1,000 yds³ of material was hauled from TS-17 to backfill the tunnel in TS-15 and the material in TS-11 was left there for reclamation.

During reclamation, the cut and fill process will be reversed. The reclaimed slopes will be reconstructed to approximate original contour, with the exception that localized ridges between drainages will be varied slightly from the original contours. In addition, a portion of the cut slope, shown on Plate 5-6G, will remain in place due to slope stability requirements. This will provide additional material, which will be used to eliminate to the extent possible the bench cut which existed prior to mining. This variation is shown in portal area cross-sections 1+00, 2+00, and 3+00.