

2.0 **SUMMARY AND CONCLUSIONS**

The most appropriate, usual and cost effective method to access the lease north of the proposed ROW from the coal seam to the south, will be with a three entry crossover. Each entry will be 18 feet wide by 8 feet high with 60 foot pillars between. The crossover will be elevated 40 feet to leave 30 feet of solid interburden above the six Genwal entries. This will ensure safe, airtight and relatively maintenance free access ways. The elevated crossover will be accessed with 15% inclines/declines on either side of the lower Genwal entries. Reference Drawing No. 256-003

The three entry crossover requires 3000 linear feet of 18' x 8' excavation. Based on the core logs, Genwal's experience in the area and the criteria and assumptions herein, the crossover can be constructed by a contractor for \$2,483,000. This includes a 15% contingency for extra work related to conditions unknown or undefined at this time.