## Figures Table of Contents

- Figure 1 -Generalized Stratagraphic Section of the Permit Area (see section 2.04)
- Figure 1a-Regional Map of Previous Cultural Features (see section 2.04)
- Figure 2- Estimated Life of Mine Plan Area
- Figure 2a- Water Distribution Typical Vault Construction Detail
- Figure 2c- Apache Canyon Airshafts
- Figure 2d- Substation and Rock Dust System Cut Runoff Routing Detail
- Figure 2e- Development Waste Disposal Area Runoff Routing Detail
- Figure 2f- Runoff Routing Detail- Bates Portal and Reclamation Area
- Figure 3- Typical Embankment Cross Section

Figure 4- Water Flow Sheet

- Figure 5- Water Storage & Mine Discharge Pond 001
- Figure 5a- Emergency Spillway Design Cross- Section
- Figure 5b- Layout and Cross Sections of Subsoil Storage Area
- Figure 6- Proposed RDA Configuration
- Figure 7- Refuse Disposal Area Conceptual Fill Configuration
- Figure 8- Refuse Disposal Area Generalized Cross Sections
- Figure 9- Refuse Disposal Area Benched Keyway Cut
- Figure 10- Refuse Disposal Area Borrow Area Current Contour
- Figure 10a- Refuse Disposal Area Borrow Area Final Contour
- Figure 10b- Refuse Disposal Area Borrow Area A-A' Cross Section
- Figure 10c- Refuse Disposal Area Borrow Area B-B' Cross Section
- Figure 10d- Refuse Disposal Area Borrow Area C-C' Cross Section
- Figure 11- Refuse Disposal Area Cross Section A-A Final Configuration and Slope Face Typical Section

- Figure 13- Plan and Detail of the Proposed Development Waste Disposal Area
- Figure 13a- Approximate Original Contour Sections for the Rock Dust Bin Cut Area
- Figure 13b- Approximate Original Contour Sections for the Bates Portal Area
- Figure 14- Cut Slope Detail with Map 15 References Showing Disturbance
- Figure 14a- Bates Portal Slope and Reclamation Area Detail with Map 15 References Showing Disturbance
- Figure 15- Typical Lower Permanent Seal at East Portal
- Figure 15a- Piping for Recycling of Slurry
- Figure 16- Typical Airshaft Seal
- Figure 16a- Typical Borehole Seal
- Figure 17- Raptor Proof Powerpole Design
- Figure 17a- Raptor Proof Pole West Portal Power Line
- Figure 18- Electrical Conductivity as a Function of Effluent Volume
- Figure 19- Subsidence Related Features
- Figure 20 Table 26A Comparison of New Elk Slurry Water Quality with Water Quality Standards
- Figure 21- Table 26B Projections of the Flooded Workings Water Quality following Recycling
- Figure 22- Table 26C Impacts to the Purgatoire River from discharge from the Flooded Workings
- Figure 23- Culvert Sizing Nomograph