

## LISTING OF ILLUSTRATIONS

<b><u>ILLUS. #</u></b>	<b><u>TITLE</u></b>
I-1	Geophysical Logs
I-2	Typical Road Ditches Design Calculations
I-3	Typical Culvert Design Calculations
I-4	Refuse Area 1, Sediment Pond and Diversion Ditch Design Calculations
I-5	<i>Deleted</i>
I-6	<i>Deleted</i>
I-6A	Refuse Area 5-A Sediment Pond and Diversion Ditch Design Calculations
I-7	D Portal Sediment Pond (DP-1) and Diversion Ditch Design Calculations
I-8	Refuse Area Sediment Estimates
I-9	Scullion Diversion Design Calculations
I-10	Culvert Design Calculations/Haul Road, Scullion Gulch and Red Wash Tributary
I-11	Culvert Design Calculations/County Road Scullion Gulch
I-12	Ditch & Culvert Design/Vent Entry Area
I-13	See Illustration 46 for Water Discharge Permit
I-14	LOGS
I-15	LOGS
I-16	LOGS
I-17	CMLRD Comments and Responses
I-18	OSM Comments and Responses
I-19	CDOW Comments and Responses
I-20	Geotechnical Investigation/D Portal
I-21	Geotechnical Investigation/Refuse Area
I-22	"D" Portal Post-Reclamation Sediment Dam Design Calculation
I-23	Subsidence/Strain Calculations Room and Pillar Area
I-24	Proposed Vegetation Sampling/1981
I-25	Range Site Evaluation
I-26	Planting Specifications
I-27	Typical Culvert & Ditch Calculations/County and Access Roads
I-28	Drainage Control/Station 7+43/County Road 65
I-29	Peak Runoff Calculations/Conveyor Road and RR Loop
I-30	Ditch Capacities Calculations/Conveyor Road and RR Loop
I-31	Calculations of Sediment Volume, Settlement Volume and Storage Volume for Sedimentation Ponds
I-32	Design of Culverts for Conveyor Alignment as of 3/30/81
I-33	Relationship between Topsoil Pile and Sediment Pond Sizes
I-34	Ponds Sizing Calculations - Sedimentation and Erosion Control Ponds
I-35	<i>Deleted</i>
I-36	Cross Sections A-A', B-B'
I-37	Cross Sections C-C', D-D'
I-38	Cross Sections E-E', F-F' and G-G'
I-39	Ponds 1 & 2 Calculation - Slot Storage Area (Ponds SS1 and SS2)

I-40	Calculations for Two Ponds on the South Side of Railroad Loop Fill Slope (Ponds RR-1 and RR-2)
I-41	Sediment Control Calculations - Material Storage at East Intakes
I-42	Refuse Data and Analysis (Mike Weigand's memo)
I-42A	Refuse Data and Slope Stability Analysis Refuse Area 5A
I-42B	Refuse Data and Slope Stability Analysis – Revised 2004
I-43	Air Emission Permits
I-44	SEDCAD Runs on Various Areas, Small Area Exemption
I-45	SEDCAD Runs for Runoff Volume and V-Ditch Calculations, Road Base Storage Pad
I-46	Water Discharge Permit
I-47	Reclamation Cost Estimate
I-48	IBLA Decision 94-366
I-49	Post-reclamation Refuse Area Sedimentology Calculations
I-50	Refuse Pile Temporary Ditch Specifications
I-51	BLM Conditions
I-52	Completion of Typical Degas Borehole
I-53	B-Vent Shaft #2 Road Culvert Sizing Calculations
I-54	RDH-3 Road Culvert Sizing Calculations
I-55	B-Seam Dewatering System (SH-3)
I-56	SDH-3 Pond System Hydrology and Sedimentology
I-57	B-Seam Dewatering System #2 (SH-4)
I-58	Prep Plant Upgrade – Belt Press Addition
I-59	SEDCAD Runs for RP-A Pond
I-60	SEDCAD Runs for Red Wash Reservoir
I-61	1 Right Dewatering Pond Hydrology (DW-1R)
I-62	Hydrology and Sedimentation Analysis of RP-2345