

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Spruce Gulch

Date: 8/18/10



Photo SG-1 – View of Spruce Gulch, looking southeast.



Photo SG-2 – View of Spruce Gulch, looking west.



Photo SG-3 – Vegetative cover in Spruce Gulch.



Photo SG-4 – Vegetative cover on reclaimed hillside.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Spruce Gulch

Date: 8/18/10



Photo SG-5 – Black-eyed susan and blanket flower on reclaimed area.



Photo SG-6 – Cattails in wetland area.



Photo SG-7 – Transplanted aspen in Spruce Gulch.



Photo SG-8 – Black Hills Spruce trees in Spruce Gulch.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Spruce Gulch

Date: 8/18/10



Photo SG-9 – Healthy woods rose in reclaimed area.



Photo SG-10 – Healthy bur oak in reclaimed area.



Photo SG-11 – Reclaimed sawdust area.



Photo SG-12 – Deer bedding area in Spruce Gulch.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Spruce Gulch

Date: 8/18/10



Photo SG-13 – Erosion along road in Spruce Gulch.



Photo SG-14 – Washout along road.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Limestone Quarries

Date: 8/18/10



Photo LQ-1 – Limestone Quarry No. 1.



Photo LQ-2 – Fossil collection area.



Photo LQ-3 – Vegetative cover on floor of Limestone Quarry No. 1.



Photo LQ-4 – Vegetative cover at west end of Limestone Quarry No. 1.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad No. 3

Date: 8/18/10



Photo LP3-1 – View of Leach Pad No. 3 from Limestone Quarry No. 1.



Photo LP3-2 – Vegetative cover on top of Leach Pad No. 3, looking southwest.



Photo LP3-3 – Vegetative cover on top of Leach Pad No. 3, looking west.



Photo LP3-4 – Vegetative cover on side slope of Leach Pad No. 3.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad No. 3

Date: 8/18/10



Photo LP3-5 – Volunteer ceanothus shrub on Leach Pad No. 3.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad Corridor

Date: 8/18/10



Photo LPC-1 – Leach Pad Corridor.



Photo LPC-2 – Vegetative cover in Leach Pad Corridor, looking northeast.



Photo LPC-3 – Vegetative cover in Leach Pad Corridor, looking southwest.



Photo LPC-4 – Pine trees and willows along drainage.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad Corridor

Date: 8/18/10



Photo LPC-5 – HDPE culvert.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: V-Notch

Date: 8/18/10



Photo VN-1 – V-Notch, looking west.



Photo VN-2 – Vegetative cover in V-Notch, looking east.



Photo VN-3 – Vegetative cover on V-Notch slope.



Photo VN-4 – Shrub on V-Notch slope.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: V-Notch

Date: 8/18/10



Photo VN-5 – V-Notch channel, looking west.



Photo VN-6 – Acid seep in channel.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Crusher Area

Date: 8/18/10



Photo CR-1 – Crusher area, looking east.



Photo CR-2 – Vegetative cover in Crusher area, looking southeast.



Photo CR-3 – Vegetative cover in Crusher area, looking northeast.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad Corridor

Date: 9/30/10



Photo LPC-1 –Leach Pad Corridor near discharge ponds.



Photo LPC-2 – Vegetative cover on reclaimed area.



Photo LPC-3 – Rose hips on woods rose.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad Nos. 1 and 2

Date: 9/30/10



Photo LP12-1 – Leach Pad 1 and 2.



Photo LP12-2 – Radio tower in background.



Photo LP12-3 – Vegetative cover on top of Leach Pad 1 and 2.



Photo LP12-4 – Vegetative cover on side slope of Leach Pad 1 and 2.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad Nos. 1 and 2

Date: 9/30/10



Photo LP12-5 – Ceanothus on Leach Pad 1 and 2.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Administration/Office

Date: 9/30/10



Photo ADM-1 – Old access trail.



PhotoADM-2 – Vegetative cover on reclaimed area.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Turnaround Pit

Date: 9/30/10



Photo TA-1 – Turnaround Pit.



Photo TA-2 – Vegetative cover on reclaimed area, with pine trees in background.



Photo TA-3 – Mixed pine forest.



Photo TA-4 – Mixed pine forest.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Pit Impoundment

Date: 9/30/10



Photo PI-1 – Pit Impoundment.



PhotoLPI-2 – Lined pond on west end of Pit Impoundment.



Photo PI-3 – Vegetative cover on Pit Impoundment, looking northwest.



Photo PI-4 – Vegetative cover on Pit Impoundment, looking north.

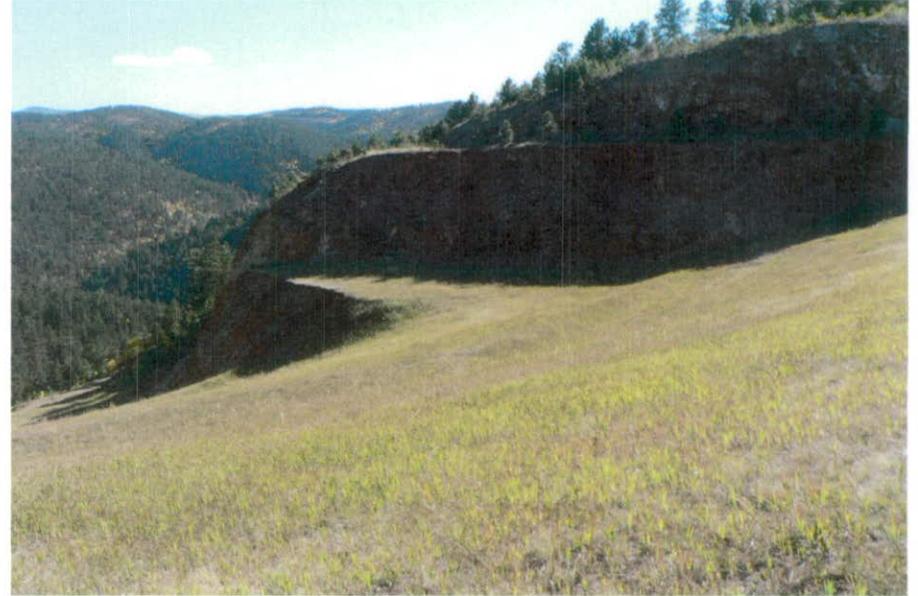
LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Pit Impoundment

Date: 9/30/10



Photo PI-5 – Pine trees on old pit bench.



PhotoLPI-6 – Northwest pit highwall.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Haul Road

Date: 9/30/10



Photo HR-1 – Reclaimed topsoil stockpile, looking south.



Photo HR-2 – Reclaimed topsoil stockpile, looking north.



Photo HR-3 – Reclaimed fuel storage area.



Photo HR-4 – Portion of fuel storage area to be redisturbed during reconstruction of access road.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Access Road

Date: 9/30/10



Photo AR-1 – Reclaimed access road cut and fill areas.



Photo AR-2 –Reclaimed access road cut slopes.



Photo AR-3 – Spearfish Fire Trail in middle of photo.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Spruce Gulch

Date: 9/4/13



Photo SG-1 – View of Spruce Gulch, looking west.



Photo SG-2 – Spruce Gulch, looking south.



Photo SG-3 – Spruce Gulch, looking northeast



Photo SG-4 – Spruce Gulch, looking south.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Pit Impoundment

Date: 9/4/13



Photo PI-1 – View of Pit Impoundment, looking southeast.



Photo PI-2 – Pit Impoundment, looking east.



Photo PI-3 – Pit Impoundment, looking west. Pit highwall in background.



Photo PI-4 – Pit Impoundment, looking north. Pit highwall in background.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Turnaround Pit

Date: 9/4/13



Photo TA-1 – View of Turnaround Pit, looking southeast.



Photo TA-2 – Turnaround Pit, looking west.



Photo TA-3 – Mixed pine forest in Turnaround area.



Photo TA-4 – Mixed pine forest in Turnaround area.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Crusher Area

Date: 9/4/13



Photo CR-1 – View of Crusher area, looking southeast.



Photo CR-2 – Crusher area, looking northeast.



Photo CR-3 – View of Crusher area from Leach Pad 1 and 2.



Photo CR-4 – Crusher area, looking west.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad Nos. 1 and 2

Date: 9/4/13



Photo LP12-1 – Top of Leach Pad 1 and 2, looking northeast.



Photo LP12-2 – View of Leach Pad 1 and 2 from Crusher area.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Leach Pad Corridor

Date: 9/4/13



Photo LPC-1 – View of Leach Pad Corridor from top of Leach Pad 1 and 2.



Photo LPC-2 – Leach Pad Corridor, looking toward Leach Pad 1 and 2.



Photo LPC-3 – Leach Pad Corridor, looking toward Leach Pad 3.



Photo LPC-4 – Leach Pad Corridor, looking north.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Land Application Area

Date: 6/13/00



Photo LA-1 – LAC personnel removing tensiometers.



Photo LA-2 – Recovered ceanothus.



Photo LA-3 – Recovered juniper.



Photo LA-4 – Vegetative cover in the Land Application area.

LAC MINERALS FINAL RECLAMATION INSPECTION PHOTOGRAPHS

Area: Passive Treatment Cell

Date: 6/24/14 and 6/10/15



Photo PT-1 – Pipes and vegetative cover from June 24, 2014 inspection.



Photo PT-2 – Vegetative cover from June 10, 2015 inspection.



Photo PT-3 – Pipes removed from Passive Treatment Cell.



Photo PT-4 – Spillway into Stormwater Pond.