PREMIER MATERIALS GROUP

BUCKEYE MINE PHASE 1 - RECLAMATION PLAN

Prepared for:

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Submitted to
Arizona State Mine Inspector
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AXELROD, INC.

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1.0 INTRODUCTION

This report presents the Mining and Reclamation Plan (Plan) for Phase 1 of the Buckeye Mine for submittal to the Arizona State Mine Inspector (ASMI) in compliance with the Mined Land Reclamation Act (MLRA). The mine is on land owned by the Premier Materials Group (PMG).

This report has been prepared by Axelrod, Inc. on behalf of PMG.

1.1 Site and Project Description

The mine will be an open pit sand and gravel operation, located adjacent to the Gila River near Buckeye, Arizona. The mine site (Site) lies approximately 30 miles southwest of downtown Phoenix and is east of State Route 85 in Maricopa County. The Site location is presented on Figure 1

The total area of the Site is 326 acres. Phase 1 will cover approximately 110 acres. Part of the site has been used for a previous sand and gravel operation. Components on the previous sand and gravel operation include a small open pit, support roads, and several areas where materials were processed. The Site consists of fifteen parcels on Township 01 South; Range 03 West; Sections 14 and 15, in Buckeye, Arizona. The parcels are: 400-50-008A, 009C, 013A, 013B, 014, 015, 400-49-002, 003, 004D, 004E, 004F, 005A, 006A, 007E, 009 as depicted on the attached ALTA.

The current features and layout of the Site (as of 2023) are shown on Figure 2.

The mine facilities will include:

- An open pit
- Stockpiles of crushed and screened material
- Settling pond for screen wash water
- Supporting infrastructure including roads, utilities, equipment, crushers, screens, conveyors, scales, trailers, repair and maintenance facilities, tanks, piping and vehicles

1.2 Operator Information

Applicant/Owner/Operator:
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Mesa, AZ 85215
Contact: Todd Hall
Todd Hall—Manager: Phone 602.291.4863; E-mail thall@premier-material.com

Regulatory Contact:
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1.3 Responsibility Statement

PMG assumes responsibility for the reclamation of surface disturbances that are attributable to "new mining units" at the Buckeye Pit, consistent with A.R.S. §§ 27-1201 through 27-1297 and A.A.C. R11-3-101 through R11-3-820. See attached cover letter from PMG for the signed responsibility statement.

2.0 SITE OVERVIEW

The physical characteristics of the Site, as obtained from available information are presented in the following sections.

2.1 Topography and Surface Water Hydrology

The USGS Buckeye, Arizona 7.5-minute topographic map indicates that the Site lies to the west of the confluence of the Salt and Gila Rivers and the surrounding area generally slope northwest, toward the Gila River. The subject property is located just south of the Gila River and has an average elevation of 870 feet above mean sea level.

The pit will be surrounded by a berm to prevent flooding from the Gila River. Stormwater runoff from the Site will be contained in the pit.

2.2 Geology

The property is in the Sonoran Desert sub-province of the Basin and Range Province. The Basin and Range Province in Arizona is characterized by alluvium-filled basins of various widths, bounded by steeply sloping, northwest-southeast trending mountain ranges that formed as a result of normal faulting related to extension of the earth's crust.

The Site area is covered with alluvium deposited by the Gila River and smaller tributaries. The geology and geomorphology of the area indicate that material has been eroded from adjacent mountains and transported to the surrounding pediments and basins.

Holocene-age (<100,000-year-old) alluvial sediments underlie the Site. Erosion of the mountain ranges to the south and east (Sierra Estrella and Buckeye ranges are nearest) were the probable sources of the alluvium. The sediments consist of unconsolidated interbedded sands, gravel and cobbles with layers of silts, clays and sands (Skotnicki Ref 2). From available drill hole information, the depths of sediment are estimated to range from 40 to over 100 feet. The topsoil horizon ranges from 5 to 10 feet in depth.

2.3 Hydrogeology

The project area is in the West Sait River Valley (WSRV) groundwater sub-basin along the Gila River. Surface water and groundwater flows in the WSRV are generally directed toward the southwest, following the general slope of the land surface. West of the confluence of the Salt and Gila Rivers the regional aquifer narrows in width between the White Tank Mountains and the Buckeye Hills. The regional aquifer also generally begins to thin to the west and the Estrella Mountains and Buckeye Hills form a barrier to southerly groundwater flow. This combination of geologic conditions combined with significant converging groundwater flow from the WSRV regional aquifer create shallow groundwater conditions along and near the channel of the Gila River. Shallow groundwater conditions have also resulted in significant evapotranspiration from riparian vegetation leading to increased salinity in groundwater.

2.4 Flood Zone

The Gila River has perennial flow, much of which is treated effluent from the City of Phoenix and other communities, excess agriculture water and natural ground water. According to a flood insurance rate map (FIRM) published by Maricopa County (see Figures), it appears that most of the Site lies within Zone AE which is considered a high-risk flood zone due to its elevation and proximity to a floodplain. From the map, the site lies in the Gila River floodplain.

2.5 Climate

The climate at the Buckeye site is arid to semi-arid, typical of the Arizona Sonoran Desert. Winters are generally short and mild, with low temperatures averaging 42°F, albeit with occasional freezes. Winter daytime high temperatures average 73°F. Summers are long and very hot, with daytime temperature typically ranging between 100–110°F. Temperatures above 115°F are not uncommon. Summertime low temperatures are usually above 70°F. Average annual precipitation is 7.9 inches, falling primarily in high-intensity, short-duration events. Buckeye is affected by the North

American Monsoon, which brings brief heavy downpours and gusty winds in the latter half of the summer. Severe monsoon events may cause haboobs and flash flooding. The wetter season lasts 8 months, from July to March. The month with the most wet days in Buckeye is August, with an average of 5 days with at least 0.04 inches of precipitation.

2.6 Wildlife

The Site supports habitat for common wildlife species typical of the area including mule deer, javelina, squirrels, coyote, raccoons, rabbits, bobcats, snakes, lizards and tortoises and many types of birds including riparian and desert varieties, raptors, egrets, herons, doves, bitterns, kestrels, sparrows, cuckoos and waterfowl. In addition, multiple types of insects, including butterflies, grasshoppers, locusts, and flies are abundant on the Site. There is no fish habitat on the site as it is located outside the Gila River channel.

The Site lies adjacent to wildlife areas managed by Arizona Game and Fish Department. The Site does not impinge on wildlife managed areas.

This Gila River is a wildland oasis with marshes and forests of cottonwoods and willows. The National Audubon Society in partnership with the Arizona Game and Fish Department designated the lower Salt and Gila Rivers from the Tres Rios Ecosystem Restoration Area to Gillespie Dam to the southwest as an Important Bird Area (IBA). However, invasive salt cedar dominates much of the riparian corridor. Loss of water supply due to pumping and reduced sewage flow because of diversion to other treatment facilities, water conservation, and gray water recapture by local communities is considered a long-term serious threat to these habitats. There are also water quality risks due to the presence of herbicide and pesticide run-off and pharmaceuticals in effluent water.

3.0 PROPOSED POST MINING LAND USE

Post-aggregate mining use will consist of naturalized open space consistent with surrounding uses. Reclamation would return final topography of the site for use as naturalized open space and to promote wildlife and bird habitat by revegetation. No part of the reclaimed site will be designated for grazing, habitat, forestry, or recreation. A permanent pit lake is anticipated post mining due to the presence of shallow ground water in the area.

The following facilities will be used after mining at the Buckeye Mine:

- Roads that are necessary to access the pit, adjacent areas or for security patrols to the overall site.

4.0 DESCRIPTION OF MINING UNITS & PROPOSED DISTURBANCE

The project will include the following mining units and operations:

- Open pit;
- Sediment pond;
- Material stockpiles;
- Crusher and conveyors
- Wash plant
- Scale and scale house

The total disturbance footprint of the Phase 1 mine operations is estimated to be 110 acres. The mine setback distance varies from 30 feet to 200 feet from the property boundary. The setbacks are shown in cross section on Figure 4. The layout of the facilities is presented on Figure 3. All disturbances will be inside the property boundary. The distances from the Site property boundary to the closest existing residential structures are presented on Figure 3.

A letter has been sent to each residential property owner located within one half mile of the Site as shown on the current property tax roll, informing them of the mining operation and that they may request a copy of this plan. The letter was sent on September 18, 2024 more than fifteen days before submittal of this plan. The letter and names of property owners are presented in Appendix C.

The main access to the Site is from Eagle Mountain Road which is unpaved. Eagle Mountain Road connects to Maricopa County Road 85 which in turn connects to Interstate 10. At this time no new access road to the Site is planned.

Surface disturbances, consisting of clearing and removal of vegetation and topsoil from the pit and plant area, started in mid-2024 followed by initial mining and processing of sand and gravel.

Haul roads will be constructed primarily in the plant area on the south side of the pit as shown on Figure 3. Existing roads around the west and south sides of the site will also be used as the pit expands to its ultimate layout. Temporary haul roads will be constructed internal to the ultimate pit limits as necessary to provide access to all working faces, with connections to the crushing site, screening site, material stockpiles, laydown areas and a water station. Haul roads will generally be 60 to 80 feet wide, inclusive of safety berms, and will support the traffic of haul trucks.

APS supplies electricity to the Site and southwest gas supplies natural gas. The Buckeye Water Conservation and Drainage District can irrigate portion of the property. PMG uses groundwater from the pit for the sand and gravel operation and water from an existing well on the Site for sanitation, washing and drinking. The well is registered with Arizona Department of Water Resources (ADWR) as number 55-621630. From ADWR records, the depth to groundwater in the well is 16 feet.

A berm will be constructed on the south boundary of the site for noise abatement. The berm will be extended as needed as the operation expands.

4.1 General

PMG plans to mine the alluvial material from the Buckeye Pit to produce a variety of products including sand, gravel and aggregate over a period of approximately 10-years. The property will be mined to the final surface configuration shown on Figure 3. It is estimated that 14 million tons will be mined from the pit over 10 years. The final configuration is discussed in more detail in Section 6, Reclamation.

The Site lies in the Gila River floodplain. Floodplain analyses carried out by others for the Floodplain Use Permit (Ref 1) show no increases in the floodway elevations because of the proposed pit extent and floodway/floodplain encroachments. No modifications are proposed to the regulatory floodplain and floodway based on the analysis. A riprap berm on the pit boundary will prevent flooding of the pit due to river flows.

4.2 Mining Methods

Mining at the Buckeye Pit will be performed as an open pit and the development will be typical of sand and gravel operations adjacent to a watercourse. The planned total pit depth is 80 feet, with slopes at 3 horizontal:1 vertical (3H:1V). A dredge system will be used to excavate material due to shallow groundwater on the site. The dredge will float on the water in the pit. Dozers, excavators, front-end loaders and conveyors will be used to stockpile the material for processing.

Stripping of overburden will be required because the top 5 to 10 feet of material is topsoil that is not suitable for sand and gravel product. It is planned to push the topsoil/overburden into piles at the edges of the pit and yard for later use during reclamation as cover material on the slopes.

The materials processing plant will consist of crushers, screens, conveyor belts, a washing plant and generators. The plant will be configured to produce a variety of products ranging from sand to cobbles. The crushed rock and sand will be moved within the mining area as required to minimize material hauling. The material will be carried by conveyors and front-end loaders to stockpiles for removal from the property. Boulders suitable for sale as decorative rock will be stockpiled in as-mined condition.

The pit is being mined from east to west. A mined-out part of the east end of the pit has been bermed off and is used as a sediment pond for the wash water from the screening process.

Stockpiles will change as material is added and removed. The stockpiles shown on Figure 3 are conceptual. Company trucks, customer trucks or contract haulers will be loaded by front-end loader from the stockpiles. The trucks are then weighed and dispatched to the customer's location. Materials remaining in stockpiles at the end of the life of the mine will be used to backfill the pit slopes or to fill in low spots on the surface.

A permanent pit lake is anticipated post mining due to the presence of shallow ground water in the area.

4.3 Acreage Affected by Each Type of Surface Disturbance

The area of disturbance for each unit is detailed in Table 1 below and presented on Figure 3.

Table 1: Disturbance Acreage

Mining Unit	Area of Disturbance – acres
Pit	86
Plant Area	20
Roads	4
TOTAL	**110**

5.0 MINED LAND RECLAMATION

This section describes the reclamation for the mine. The area of disturbance at the end of Phase 1 operations is estimated to be 110 acres. PMG plan to carry out reclamation during operations (concurrent) by backfilling side slopes in mined out areas with excess material and overburden. As described in Section 4, the operational pit will be developed at 3H:1V slopes.

Concurrent reclamation will include backfilling and grading as needed to obtain the final pit layout after an area is mined out and no further activities will take place there.

The reclamation measures for the mine include equipment and material management, slope stability, erosion control, recontouring, revegetation, road reclamation, access restrictions and maintenance. Post-aggregate mining use will consist of naturalized open space consistent with surrounding uses. Reclamation would return final topography of the site similar to the neighboring sand and gravel operations.

5.1 Equipment and Materials Management

PMG will remove all equipment on site by loading onto trailers, towing or driving to a used equipment dealer. Similarly, concrete slabs, blocks, buildings and structures will be demolished and removed to salvage or a landfill. Concrete foundations will be removed to a landfill. PMG will also remove scrap metal, wood, tires, and other debris. All of these materials will be disposed of in an appropriate facility such as Buckeye Landfill, a distance of about 8 miles from the mine.

Fuel and water tanks will be removed. The soil under the fuel tanks will be checked for contamination and contaminated soil removed and disposed of at an approved off-site facility. PMG will coordinate with the ADEQ Hazardous Materials Coordinator as to proper disposition of any hazardous materials.

Non-inert materials (e.g., switches, fluids, oils, petroleum contaminated soils, etc.) will be disposed at the Buckeye Landfill.

Above-ground and buried power lines on the property will be removed and salvaged. Also, surface and buried waterlines will be removed and salvaged

5.2 Slope Stability

The pit will be mined at a slope suitable for safe practice as determined by PMG. The planned slopes of the operating and reclaimed pit will be at 3:1 (H:V). The pit will generally be maintained at a 3:1 slope during operations to avoid significant backfilling for reclamation.

Acceptable factors of safety were estimated for the proposed slope grade of 3H:1V. The factor of safety was 1.92 which is greater than 1.5, the normally accepted minimum for static conditions. The slope stability evaluation is presented in more detail in Appendix A.

It should be noted the slope stability analyses only addresses potential deep seated failure planes. Near surface or localized failures and deformation were not addressed in the stability analyses. The slopes may be susceptible to localized surface slumping and should be periodically inspected as part of the post-closure monitoring plan.

5.3 Erosion Control Plan

Storm water drainage controls will be established as part of a site SWPPP, which will be continually updated as site conditions change. Surface water at the mine will be from direct precipitation. As described in Section 5.4, the disturbed areas will be re-graded, capped with topsoil as needed, hydroseeded and swales constructed on the capped surface to control runoff. The runoff from the regraded and capped disturbed areas will be discharged to existing drainages on the site. Specific erosion control measures include:

- Collection of storm water in the pit;

- Rip-rap lined discharge points where erosion control is required;
- Stormwater ditches to drain runoff to a riprap lined channel that discharges into the pit;
- Earthen berms to prevent flooding of the pit; and
- Following the SWPPP and performing site-specific best management practices.

A riprap lined perimeter berm will be maintained during mining operations to control runoff and prevent flooding of the pit due to river flows. The berm will be refurbished during reclamation as required.

5.4 Recontouring and Revegetation

Material remaining in stockpiles will be used as fill to smooth out the pit slopes and for backfill as required. The final pit slopes will remain at 3H:1V (See Figure 5).

Following removal of buildings and equipment and re-contouring, slopes and disturbed areas will be prepared for reseeding. Available topsoil will be spread as needed. In order to minimize runoff and erosion, recontoured disturbed areas will be rough-graded and ripped to leave a permeable, hummocky surface to encourage the formation of small ponds and increase infiltration and vegetation growth.

Topsoil material stockpiled during mining will be used to cover regraded pit slopes and disturbed areas to facilitate revegetation.

Unless directed otherwise by the ASMI, roads will be recontoured to match the surroundings and prevent erosion. Revegetation will include both native and non-native species to:

- Stabilize surfaces to reduce the potential for erosion
- Blend in to the surroundings

Surfaces will be ripped and scarified (harrowed) prior to applying mulch and seed.

5.5 Access Restrictions

The property boundary is mostly fenced and/or walled in. The fence will be extended as needed during operations to enclose the property. The fence will be maintained during reclamation to keep people and animals away from the pit. Signs warning of the falling hazard will be posted at 100' intervals.

Unauthorized vehicle access will be prevented by adding berms and boulders on likely routes and by installing a substantial lockable gate on the entrance from Eagle Mountain Road.

All dirt roads surrounding the property will be closed at the boundary with "Stop - Road Closed" signage prominently displayed. Posted "No Trespassing" signage is in place at locations where people might enter the pit area. The access controls of signage and fencing/berms will be maintained post mining.

6.0 RECLAMATION SCHEDULE

The reclamation of the Buckeye Pit will take place during operations after an area is mined out. Final reclamation will take place after operations and production cease. As outlined in this Plan, mining activities and rock production will continue at Buckeye Pit for the next 10 years.

The final reclamation measures will be completed within six months of the cessation of mining and material production. Equipment and buildings will be removed within 90 days. PMG (or its reclamation contractor) will monitor reclamation quarterly for the first three years and take remedial actions that might be needed.

7.0 RECLAMATION COST ESTIMATE

This section presents the basis of the estimated reclamation costs for Buckeye. The costs are detailed in Tables 3 through 11.

The reclamation costs were calculated from quantities and unit rates. Quantities were obtained from an assessment of reclamation items using site measurements and preliminary and conceptual designs. Sources used to derive unit rates are as follows:

- Empire Cat Rental Quote - equipment rates, 2024
- Caterpillar (Cat) Handbook (35th edition) for equipment production rates
- Gordian, RS Means Heavy Construction Manual (2018 Edition)
- Davis Bacon wage determinations for Heavy Construction in Maricopa County (2024)
- Heavy haul rates: Phone quote from Precision Heavy Haul and Empire Transport (2024)
- Crane rental rates: Phone quote from Marco Crane and Rigging (2024)
- Contractor pricing: Hydroseed and Rip Rap

Hourly equipment rates are based on monthly rates divided by 160 hours as shown on the Empire Cat quotes. A conservative cost of $3.80/gallon of diesel has been used, which is consistent with the US Energy information for 2024.

It is assumed that the labor is local and will not be charging per diem. A contingency of 5 percent was added to the estimated reclamation costs. The items below were based on previous experience and information from a local contractor:

- Overhead and profit - 10 percent of estimated construction costs:
- General Conditions and Requirements – 15 percent of estimated construction costs:
- No escalation was included at this time as it was assumed that the interest and inflation rates at the time of bonding will cancel out.

Unit cost calculations are presented in the detailed estimate in Appendix B.

7.1 Basis of Estimated Costs

The reclamation costs are based on the quantities calculated from the conceptual design. The extent of the pit, ponds, yard and roads that will be reclaimed and those that will remain for the post-mining land use are depicted on Figure 5. The final reclaimed surface contours are also shown on Figure 5. Hourly rates for labor and equipment are based on published and vendor information. See Tables 12 and 13 for details.

Information for each reclamation item are as follows:

7.1.1 Remove Equipment

Equipment will be evaluated for condition and suitability for salvage or disposal at the commencement of the reclamation stage. Equipment found suitable for salvage will be disassembled, rigged onto, and hauled by tractor trailer, towed or driven to a used equipment dealer. Equipment determined to be at or beyond end of life, will be cut into acceptable sizes for disposal at nearest recycling yard or disposal site willing to accept the material based upon prior use.

An estimation of the cost to salvage/dispose of the equipment was determined utilizing the RS Means Cost Book, discussion with hauling contractors and experience with the final disposal of remnant equipment at appropriate facilities. Detailed cost estimates are included in Appendix B, Table 4.

7.1.2 Structures, Slabs, Foundations, Scrap and Tire Removal

Structures to be removed by demolition/salvage include containers and prefabricated buildings. Steel structures such as shade awnings, platforms and walkways will be evaluated for salvageability and will either be disassembled by unbolting panels, columns and beams for salvage and reuse or by hot torch cutting if recycling is the best option.

Concrete slabs to be demo' d with an air hammer, load with front-end loader.

Asphalt to be ripped with D8 and load with Cat 938 loader. Asphalt and concrete to be loaded onto trucks and hauled to the Buckeye Landfill.

Tires loaded and hauled to the county Paradise Waste Transfer Station WTCS Used Tire Site: 4845 W. Lower Buckeye Road, Phoenix, or similar facility.

Scrap metal loaded and hauled to Maricopa Recycling Inc. in Buckeye, or similar facility.

Non-metal scrap: Load onto trucks and haul to Buckeye Landfill, or similar facility.

Detailed cost estimates are included in Appendix B, Table 5.

7.1.3 Reclaiming Disturbed Areas

The pit walls will be mined to a final slope of 3H:1V. Material remaining in stockpiles will be used to fill in ponds at the surface and areas on the pit slopes as required. Detailed cost estimates are included in Appendix B, Table 6.

Disturbed ground in the materials processing area will be rough-graded and ripped to leave a permeable, hummocky surface to encourage vegetation growth and minimize erosion. The disturbed surfaces will be recontoured and scarified to loosen material and allow for revegetation. Approximately 30 acres will be ripped using a Caterpillar 140HM or equivalent grader with a ripper. The production rate used for the 140 HM grader is approximately 40,000 square feet per hour.

Roads that are not needed for post mining land use will be recontoured to match the surroundings and prevent erosion. See Section 7.1.8 for more detail.

Detailed cost estimates are included in Appendix B, Table 8.

7.1.4 Top Soil

Place top soil 1-foot thick on the regraded areas and pit slopes as needed. Stockpiled material will be used for top soil. The unit cost is based on hauling the topsoil with dump trucks and spreading it to the required thickness with dozers. A grader will be used to finish grade the topsoil surface for drainage.

The purpose of the top soil is to provide a layer for vegetation growth that is erosionally stable.

7.1.5 Erosion Control

The pit will be isolated from the flooding by a perimeter berm. The outside slope of the berm will be armored with riprap and launchable stone. Rip rap will be placed during operations as required by the Flood Plain Use Permit and the costs are not included in the reclamation amount.

A nominal amount of riprap has been allowed for to prevent erosion in local areas. The unit costs are based on using riprap from the site. Riprap will be placed with a front end loader and shaped with a trackhoe. The volume of rip rap is 100 cy.

To minimize runoff and erosion, disturbed areas including the pit slopes will be rough-graded and ripped to leave a permeable, hummocky surface to encourage the capture of runoff and increase infiltration and vegetation growth.

7.1.6 Revegetate

The area for revegetation, approximately 50 acres, includes reclaimed access roads, disturbed and bare work areas, backfilled ponds, structure footprints after demolition and the top part of the pit slopes. The unit cost is based on a quote from a local vendor. Simple hydroseed will be applied on flat areas and two layers of hydroseed with tackifier on sloped

surfaces to prevent erosion and enhance growth. The hydroseed mix will also be suitable for trees and shrubs. Unit costs have been applied to the estimated areas of flat and sloped ground to be revegetated. Detailed cost estimates are included in Appendix B, Table 8.

Revegetation will include both native and non-native species to:

- Stabilize surfaces to reduce the potential for erosion
- Blend the disturbed surfaces into the natural surroundings

Surfaces will be ripped or scarified (harrowed) prior to applying mulch, fertilizer and seed.

7.1.7 Access Restrictions

Unauthorized access will be prevented by adding fencing, berms, signs and gates.

The property boundary will be fenced or walled in on all sides during operations. A nominal amount of fencing has been allowed for at reclamation stage to allow for extensions and repairs. The fence will be maintained during reclamation to keep people and animals away from the pit.

The unit cost for fencing is based on a contractor quote. The costs for signs and berms are based on experience with similar projects. Detailed cost estimates are included in Appendix B, Table 9.

7.1.8 Access roads

Scarify the road surface to loosen material and allow for revegetation. Road reclamation will be completed with a Caterpillar 140HM or D6 with a ripper. Due to compaction of haul roads, significant tilling will be required rip the surface similar to other non-compacted areas. Detailed cost estimates are included in Appendix B, Table 8.

7.1.9 Post Reclamation Maintenance

Maintenance costs for the Buckeye Pit consist of inspection and repair of eroded areas, roads and fencing. It was assumed that 5 percent of the total reclaimed area would require repair due to erosion. Most of the repair work would be carried out in the first 3 years. The costs were converted to a present value for a post reclamation period of 10 years.

The annual costs were converted to a net present value using an interest rate of 3.8 percent (Bloomberg). This rate was the 10-year average derived from the Bloomberg Generic Pricing source, using the US Generic Government 10-Year Yield Index. Detailed cost estimates are included in Appendix B, Table 10.

7.1.9.1 Roads

Some access roads will be maintained to allow for inspection and maintenance.

Inspection of access roads: The unit cost is based on one inspector/foreman and a four-wheel drive pick-up truck.

Maintenance of access roads. The unit cost is based on regrading with a Cat 140 HM motor grader.

7.1.9.2 Soil Covers and Vegetation

Portions of the revegetated surfaces may not initially vegetate successfully and will need to be repaired annually, at least for the first three years.

Inspection of surface and vegetation, years 1-3. The unit cost is based on one inspector/foreman and a four-wheel drive pick-up truck.

Revegetation Repair, years 1-3. The unit cost is based on using a Cat 140 HM motor grader to repair erosion and scarify the existing surface material to prepare for revegetation. Revegetation will include mulch and hydroseed.

Revegetation, years 1-3. Five percent of the total acreage initially revegetated = 2 acres.

7.1.9.3 Fences and Signs

Fences and signs will be inspected annually and maintained to ensure access is effectively restricted.

Inspection of fences and signs. The unit cost is based on one inspector/foreman and a four-wheel drive pick-up truck.

The fence will be maintained during reclamation to keep people and animals away from the pit. Signs warning of the falling hazard will be posted at 300' intervals.

7.2 Summary of Estimated Costs

The estimated reclamation cost for the Buckeye Mine is $ 464,743. The cost is based on site measurements, preliminary design quantities and third-party unit rates. The estimate does include allowance for contingency. The post reclamation operating and maintenance costs amount to $ 106,410 and are included in the above reclamation cost. The itemized costs are summarized in Table 2 in Appendix B.

8.0 CURRENT PERMITS AND APPROVALS

The property is located within a floodplain and has a Floodplain Use Permit.

Operations will comply with applicable air, storm water, and hazardous/regulated materials management regulations. PMG has or will develop the following permits/plans:

- General Permit for Crushing and Screening Plants issued by the Arizona Department of Environmental Quality (ADEQ).
- PMG has applied for registration with the Mine Safety and Health Administration (MSHA)
- AZPDES Stormwater Multi-Sector General Permit (SWPPP)
- Mining Land and Reclamation Plan submitted to the Arizona State Mine Inspector which will include an estimate of reclamation costs for the bond
- A Spill Prevention, Control, and Countermeasures (SPCC) Plan
- Floodplain Use Permit issued by the Maricopa County Flood Control District.

PMG has one well on the property, registered in its name with the Arizona Department of Water Resources (ADWR).

Diesel fuel will be stored in a 10,000-gallon tank with dual containment as well as 1,000- and 3,000-gallon tanks and a portable 200-gallon tank. Motor oil and grease will be stored in 5-gallon containers. Other fluids and lubricants will be kept in small quantities in sealed containers. Oil filled operational equipment includes crushers and a lube truck. Paints, solvents and hazardous materials will be stored on the property. Used oil will be taken off the property by an oil- recycling firm. PMG will have a Spill Prevention, Control, and Countermeasure (SPCC) Plan on site. The SPCC will describe the procedures to be followed by PMG to prevent, control, and mitigate releases of oil and petroleum products.

9.0 REFERENCES

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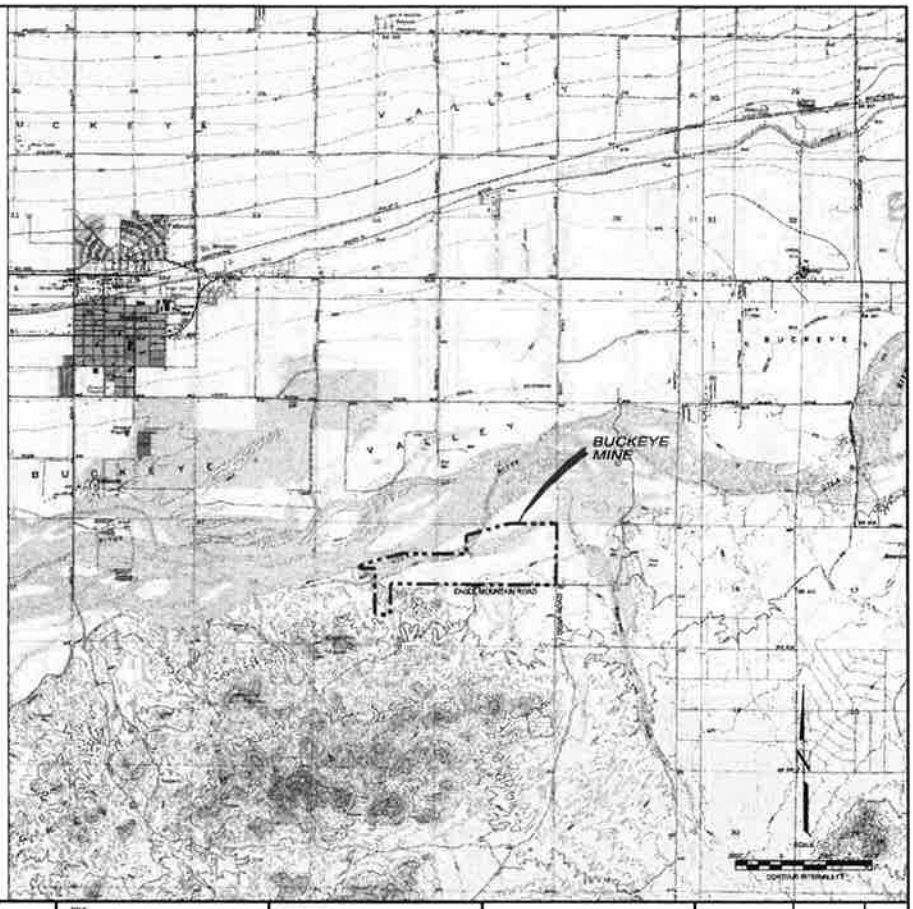
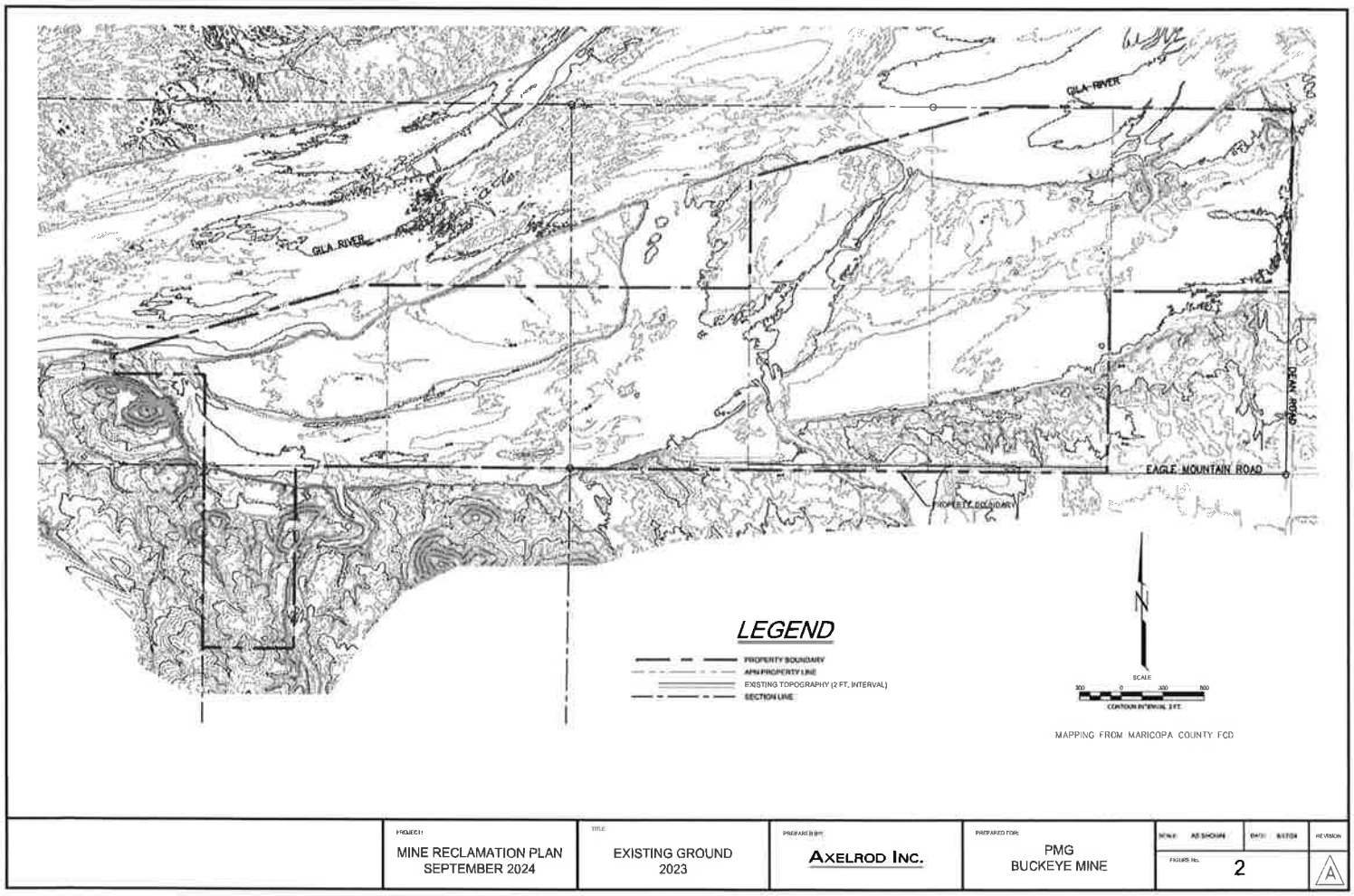
5. Caterpillar. 2004. Caterpillar Performance Handbook, 35th edition, Caterpillar Inc., Peoria, IL.

FIGURES

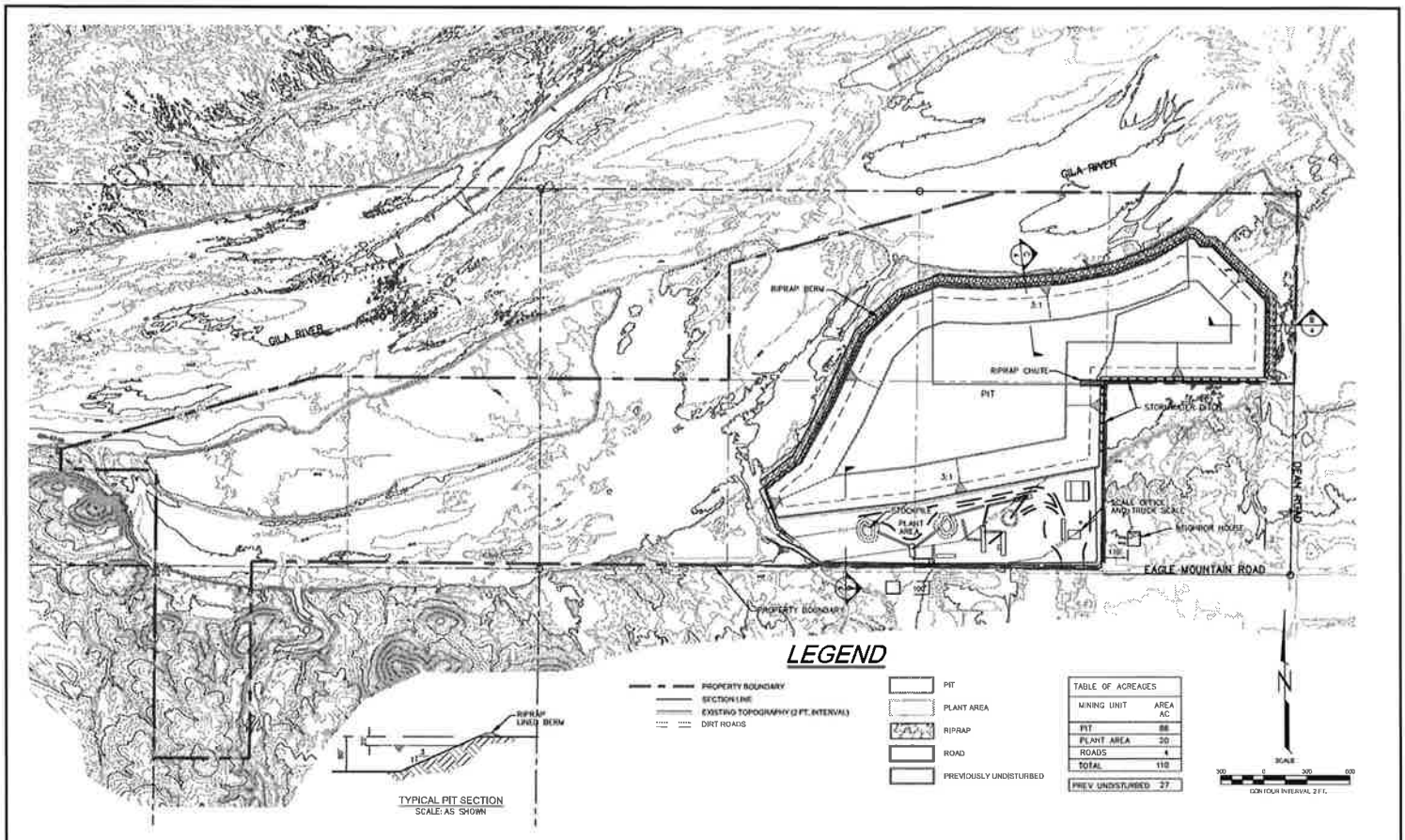


	PROJECT MINE RECLAMATION PLAN AUGUST 2024	TITLE LOCATION MAP	PREPARED BY AXELROD INC. PHOENIX, ARIZONA	PREPARED FOR PREMIER MATERIALS GROUP BUCKEYE MINE	SCALE AS SHOWN FIGURE No. 1	DATE 9/2024 REVISION A

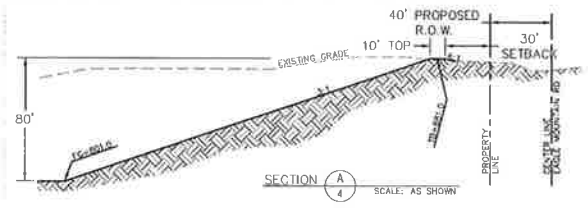


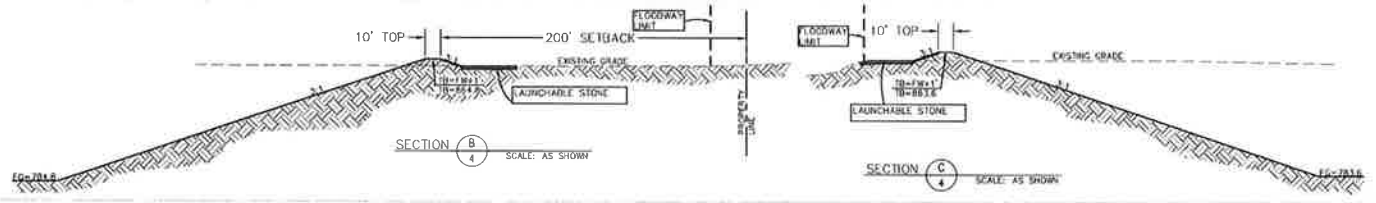
MAPPING FROM MARICOPA COUNTY FCD

	PROJECT:	TITLE	PREPARED BY:	PREPARED FOR:	SCALE: AS SHOWN	DATE: 6/17/24	REVISION
	MINE RECLAMATION PLAN SEPTEMBER 2024	EXISTING GROUND 2023	AXELROD INC.	PMG BUCKEYE MINE	FIGURE No. 2		A



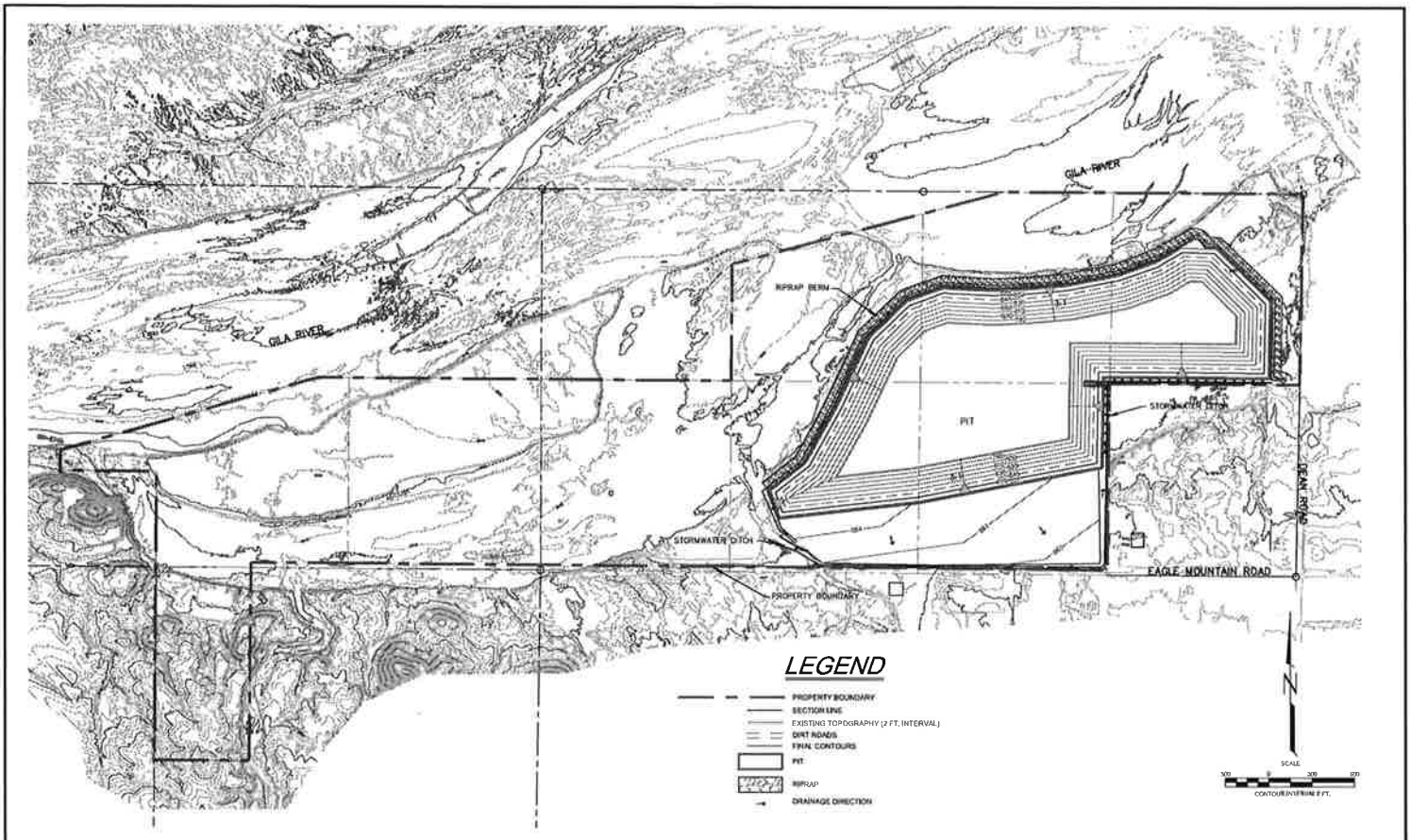
	PROJECT: MINE RECLAMATION PLAN SEPTEMBER 2024	TITLE: ULTIMATE PIT PHASE 1	PREPARED BY: AXELROD INC. PHOENIX, ARIZONA	PREPARED FOR: PMG BUCKEYE MINE	SCALE: AS SHOWN	DATE: 12/4/24	REVISION
					HOJAS No. 3		B



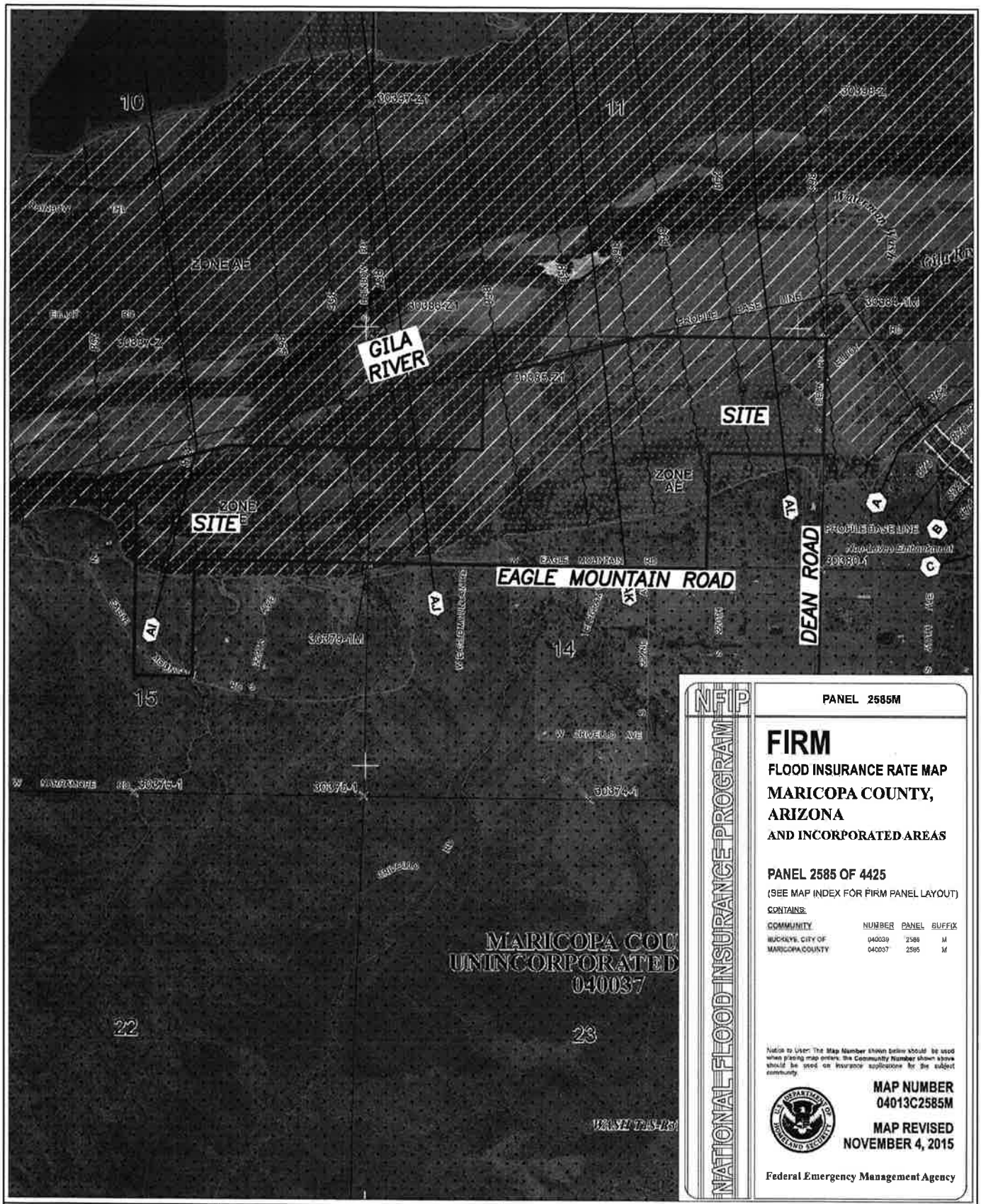


SECTIONS FROM ERIE AND ASSOCIATES
FLOOD PLAIN APPLICATION REPORT

	PROJECT:	TITLE	PREPARED BY:	PREPARED FOR:	SCALE: AS SHOWN / DATE: 9/5/24 / REVISION
	MINE RECLAMATION PLAN SEPTEMBER 2024	ULTIMATE PIT SECTIONS PHASE 1	AXELROD INC. PHOENIX, ARIZONA	PMG BUCKEYE MINE	FIGURE No. 4 / A



	PROJECT: MINE RECLAMATION PLAN SEPTEMBER 2024	TITLE: FINAL CONTOURS PHASE 1	PREPARED BY: AXELROD INC.	PREPARED FOR: PMG BUCKEYE MINE	SCALE: AS SHOWN FIGURE No. 5	DATE: 8/5/24	REVISION: A



JOB NO. 2472.01

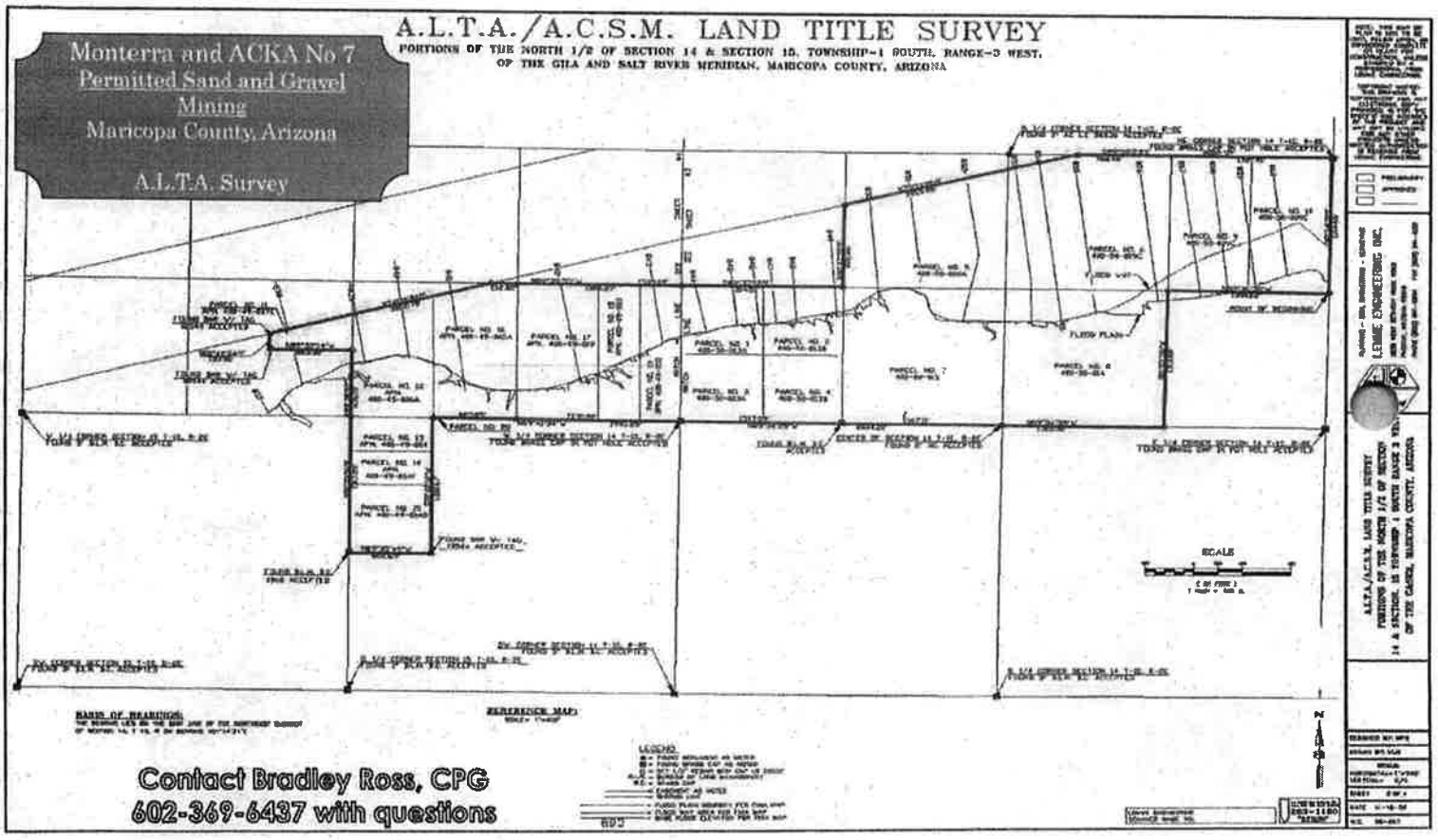
DATE: 05/30/2024

SCALE: 1"=1500'

ERIE & ASSOCIATES, INC.
3120 NORTH 24th STREET
PHOENIX, ARIZONA 85016
(602) 954-6399

PREMIER MATERIALS SAND & GRAVEL

PLATE 2 – FEMA MAP


A.L.T.A./A.C.S.M. LAND TITLE SURVEY
PORTIONS OF THE NORTH 1/2 OF SECTION 14 & SECTION 15, TOWNSHIP-1 SOUTH, RANGE-3 WEST,
OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA
Monterra and ACKA No 7
Permitted Sand and Gravel
Mining
Maricopa County, Arizona
A.L.T.A. Survey
SCALE
REFERENCE MAP
BASIS OF BEARINGS
LEGEND
Contact Bradley Ross, CPG
602-369-6437 with questions

APPENDIX A

STABILITY ANALYSIS

AXELROD, INC.

TECHNICAL MEMORANDUM

To: Mr. T. Hall, Premier Materials Group	**Job:** Buckeye Pit Reclamation Plan
From: P. Axelrod	**Date:** August 26, 2024
Subject: Stability Analysis	

This memorandum summarizes the results of a preliminary stability analysis for the PMG Buckeye pit, located in Buckeye, AZ. The sections in this memorandum include the Introduction, Geotechnical Parameters, and Stability Analysis.

1.0 INTRODUCTION

PMG plan to develop an aggregate resource located adjacent to the Gila River, east of the Highway 85 near the town of Buckeye, Arizona. The aggregates are unconsolidated sediments and will be excavated from a pit that lies inside the floodplain of the Gila River. The planned final dimensions of the Phase 1 pit will be approximately 2,800 feet long by 970 feet wide and 80 feet deep.

Axelrod, Inc. is preparing information for a Mine Land Reclamation Plan (MLRP) for the site. This stability analysis is required as part of the plan.

The planned total pit depth is 80 feet, with slopes at 3 horizontal:1 vertical (3H:1V). From available information the groundwater in the area is approximately 20 to 40 feet below the ground surface.

2.0 GEOTECHNICAL PARAMETERS

Site specific geotechnical parameter information was not available for the site. From geotechnical logs by others, on-site soils consist of sand and gravel, generally with less than 10 percent silt and clay. The logs are attached to this memorandum. For previous work at a similar site, an angle of friction (shear strength) of 36 degrees was used for the side slope material. The shear strength was based on empirical relationships presented in Peck, Hanson, Thornburn (1974). Dry soil density was taken as 120 pounds per cubic foot (pcf) for undisturbed soil (Winterkorn and Fang, 1975). Shear strengths of 36 degrees have been used by Axelrod, Inc. on similar projects.

For the purpose of this analysis it has been assumed that harder material exists to below the final depth of the pit.

3.0 STABILITY ANALYSIS

Stability analyses for the pit was carried out using the program *Slide2* (Rocscience 2021). *Slide2* is a two-dimensional stability program for evaluating the safety factor of circular or non-circular failure surfaces in soil or rock slopes. *Slide2* analyzes the stability of slip surfaces using vertical slice or non-vertical slice limit equilibrium methods. Individual slip surfaces can be analyzed, or search methods applied to locate the critical slip surface for

a given slope.

Minimum factors of safety (FOS) are calculated using the Morgenstern-Price circular surface method. This method satisfies both horizontal and vertical force equilibrium. The method is based on the principle of limiting equilibrium, i.e., the method calculates the shear strengths that would be required to maintain equilibrium, and then calculates a FOS by dividing the available shear strength by the shear strength required to maintain stability.

The analysis for this report was conducted for the pit slope at full height stage. The stability analysis results are shown on Figure 6 and summarized in the table below.

Factors of safety lower than that presented could have been obtained for a thin layer of material sliding down the slope. However, this kind of shallow seated surface is not a significant overall slope failure.

TABLE: STABILITY ANALYSIS RESULTS

ANALYSIS	FACTOR OF SAFETY - STATIC
Circular	1.90

The results of the analysis show that a static factor of safety of greater than 1.5 can be obtained for a general side slope of 3:1 or shallower.

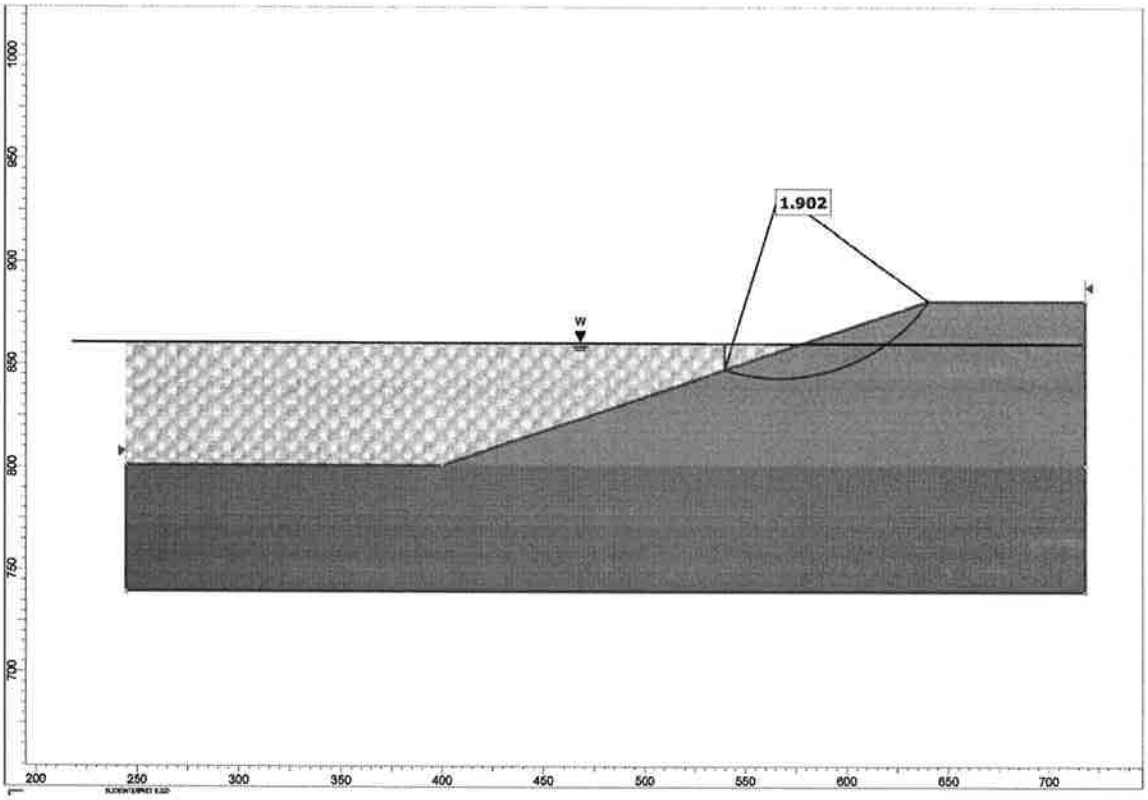
The findings of the stability analysis report are based on assumed material properties and depth to water table, and the assumption that the materials are consistent to the final depth of the pit. If there is a variation in the materials with depth or the water table is different than used, the analysis would need to be updated. The analysis does not account for the effect of a higher water table in the adjacent material than in the pit. It is recommended that the analysis carried out for this report is updated using site specific data obtained from an investigation that includes a method for determining the material properties of the underlying soils on the site, to the depth to be analyzed.

The factors of safety obtained in the stability analysis are within the generally accepted range for this type of structure.

4.0 REFERENCES

1. Lambe, T.W. and Whitman, R.V., Soil Mechanics, 1969. John Wiley & Sons
2. Bowles J.E., 1996. Foundation Analysis and Design, Fifth Edition, McGraw-Hill

Figure 6 - Ultimate Pit – Circle, Static



Monterra and ACKA
No 7
Permitted Sand and
Gravel Mining
Maricopa County
Arizona

Borehole Data

Hole:	DH1C1	Location	Westernmost Hole	Logged By: Don and Brad Ross									Date:	8/29/2006	
		Northing:	33°20.61017'												
		Westing	112°32.48117'												
		Elevation ft:	855.4'												
		Total Depth Feet:	54'												

Depth (feet)	Field Classification	Graphic Log	Water	Lithology - description	Predominant Size (+70% by weight)	Sand Equivalent	LA Abrasion (% loss 100/500)	Laboratory Classification	P.I. / L.L.	% Silt and Clay	% Fine Sand	% Medium Sand	% Coarse Sand	%Sand	% Gravel	% Cobbles
5	RIVER GRAVEL TO 38'			Moist Gravelly Sand	3/8"-#100	48		SP-SM	NP	10				83	9	0
10				Moist Sand	#4-#100	66		SP-SM	NP	6				93	1	0
15				Moist Sand	2"-#80	60		SP-SM	NP	6.9				78	15	0
20				Moist Gravelly Sand	1"-#40	55	3/18	SP	NP	4.7				52	43	0
25			X	Good - Wet (Rounded) Gravelly Sand	4"-3/8"			GP	NP	3.9				22	65	10
30			X	Good - Wet (Rounded) Gravelly Sand	2"-#30	69	4/19	SP		4.2				56	39	0
35			X	Good - Wet (Rounded) Gravelly Sand	3"-#40			GP	NP	1.3				45	53	1
40			X	Formation change @ 38' Grey clay and angular gravels				SP-SM		6.1				56	38	0
45	PEGMATITE			DRY - ANGULAR BEDROCK FRAGMENTS						T				50	50	T
50										10				40	50	T
55										10				40	50	T

Contact Bradley Ross, CPG
602-369-6437 with questions

Monterra and ACKA
No 7
Permitted Sand and
Gravel Mining
Maricopa County
Arizona

Borehole Data

Hole:	DH1C2	Location	Eastern portion of 1C	Logged By: Don and Brad Ross										Date:	8/28/2006	
		Northing:	33°20.80833'													
		Westing	112°31.5425'													
		Elevation ft:	660.6'													
		Total Depth Feet:	82'													

Depth (feet)	Field Classification	Graphic Log	Water	Lithology - description	Predominant Size (+10% by weight)	Sand Equivalent	LA Abrasion (% loss 100/500)	Laboratory Classification	P.I. / LL	% Silt and Clay	% Fine Sand	% Medium Sand	% Coarse Sand	%Sand	% Gravel	% Cobbles
5	RIVER GRAVEL TO 38'			Surface Sand	#16-#60	81		SP	NP	2.3				97	0	0
10				Gravelly Sand	3/4"-#80			SP	NP	0.6				93	6	0
15				Sandy Gravel	2"-#50	73	4/19	SP+G	NP	3.8				60	36	0
20				Sandy Gravel	3"-#40			GP+S		2.7				41	51	6
25			X	WET - Gravelly Sand	3"-#20	80		SP+G	NP	2.2				61	37	9
30			X	Gravelly Sandy Cobbles	2"-#4			GW+S		0.9				28	70	1
35			X	Cobbly Gravelly Sand	2"-#50			SP+G	NP	1.7				65	33	0
40			X	Cobbly Gravelly Sand	2"-#30			SP+G		1.2				50	48	0
45	PEDIMENT GRAVELS		X	AT 38' PEDIMENT, ROCK AND GRAVELS W/ CLAY, SAND AND SILT. DARK GREY DIORITE AND GNEISS. MAINLY ANGULAR FRAGMENTS. MINOR ROUNDED GRAVELS. POSSIBLY ROCK RUBBLE OR FRACTURED ROCK.	2"-#40			SP-SM	NP	9.9				49	41	0
50			X		2"-#50			GW+S		13				42	45	0
55			X		1"-#40			SC+G	4	16				43	41	0
60					2"-#50			GP+S		19				39	42	0
65			X		2"-#40			GP+S		17				38	45	0
70			X		2"-#40			GP+S		14				41	45	0
75			X		2"-#80			SP+G		20				45	35	0
80			X		2"-#16			GP+S		8.7				44	47	0
85			X		2"-#40			SP+G		15				43	42	0

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Monterra and ACKA
No 7
Permitted Sand and Gravel Mining
Maricopa County, Arizona

Borehole Data

Hole:	DH1C3			Location	Just W of the tire pile	Logged By: Don and Brad Ross									Date:	8/28/2006	
				Northing:	33°20.62967'												
				Westing	112°31.701'												
				Elevation ft:	858.2'												
				Total Depth Feet:	100'												
Depth (feet)	Field Classification	Graphic Log	Water		Lithology - description	Predominant Size (+70% by weight)	Sand Equivalent	LA Abrasion (% loss 100/500)	Laboratory Classification	P.I. / L.L.	% Silt and Clay	% Fine Sand	% Medium Sand	% Coarse Sand	%Sand	% Gravel	% Cobbles
5	RIVER GRAVELS TO 42'				Damp Silty Sand	2"-#200			ML	3	55				34	10	0
10					Sandier - Damp Silty Sand	#10-#200	11		ML	NP	59				41	0	0
15					Sandier - Damp Silty Sand	#10-#200			SM	NP	21				49	0	0
20					Gravel - Moist Gravelly Sand	2"-#50	49	4/20	SP-SM	NP	9				57	33	0
25			x		Water @ 21' - no sample	2"-#30			GP-GM	NP	7				36	56	0
30			x		Wet Cobbly Gravelly Sand	3"-#20		4/30	SP-SM	NP	6.3				43	37	14
35			x		Wet Cobbly Gravelly Sand	3"-#6	75		GW	NP	1.5				34	57	7
40			x		Wet Cobbly Gravelly Sand	4"-#3			GP		1.7				22	50	28
45	PEDIMENT GRAVELS				CLAY @ 42'. GREY PEDIMENT SAND AND GRAVEL W/ CLAY/SILT/SAND. MAINLY ANGULAR FRAGMENTS. MINOR ROUNDED GRAVELS. POSSIBLY ROCK RUBBLE OR FRACTURED ROCK	2"-#40			GP-GC	11	12				40	48	0
50											10				40	30	20
55						2"-#16			GW-GM	NP	11				29	59	0
60											10				30	40	20
65											10				30	40	20
70											20				30	30	20
75						2"-#40			GM	NP	15				33	52	0
80	PROBABLE BEDROCK				TIGHT HOLE - POSSIBLE BEDROCK DRIER. GREY DIORITE AND GNEISS FRAGMENTS. MAINLY ANGULAR FRAGMENTS. MINOR ROUNDED GRAVEL.						20				30	30	20
85											20				30	30	20
90						2"-#16					13				26	61	0
95											30				40	20	10
100											30				40	20	10

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Monterra and ACKA
No 7
Permitted Sand and
Gravel Mining
Maricopa County
Arizona

Borehole Data

Hole:	DH1C4	Location	Center of Property	Logged By: Don and Brad Ross									Date:	8/28/2008	
		Northing:	33°20.603'												
		Westing	112°32.12883'												
		Elevation ft:	848.1'												
		Total Depth Feet:	85'												

Depth (feet)	Field Classification	Graphic Log	Water	Lithology - description	Predominant Size (+10% by weight)	Sand Equivalent	LA Abrasion (% loss 100/500)	Laboratory Classification	P.I. / LL	% Silt and Clay	% Fine Sand	% Medium Sand	% Coarse Sand	% Sand	% Gravel	% Cobbles
5	RIVER GRAVELS TO 27'			Damp - Trace of Rounded Gravels - Sand	1/2"-#100	53		SP-SM	NP	7.6				87	5	0
10				Damp - Trace of Rounded Gravels - Sand	1/2"-#60	69		SP	NP	4.3				91	5	0
15			x	Cobbly Sandy Gravel Water @ 12'	2"-#40	55		GP	NP	4.7				45	50	0
20			x	Cobbly Sandy Gravel	2"-#30		3/17	SP	NP	3.6				52	44	0
25				Less Cobbles - Sandy Gravel	2"-#8	60		GW	NP	1.6				35	53	0
30				Change to Cobbles and Clay @ 27'	2"-#10		8/34	GW-GM	NP	6				31	51	11
35	PEDIMENT GRAVELS			DARK GREY PEDIMENT. ANGULAR ROCK FRAGMENTS AND GRAVEL W/ CLAY/SILT/SAND. DRIER WITH MINOR ROUNDED GRAVEL. POSSIBLY ROCK RUBBLE OR FRACTURED ROCK.	2"-#10			GP-GM	6	9.9				38	52	0
40						18		SC-SM	5	14				42	44	0
45								SC-SM		17				41	41	0
50								GC-GM	4	13				39	48	0
55										*5*				35	35	*25*
60								GW-GM	3	11				35	54	0
65								GW-GM		12				35	53	0
70										*20*				*36*	*40*	*20*
75								GW-GM	3	11				36	56	0
80	PROB. BEDROCK			PROBABLE BEDROCK @ 75'. DARK GREY DIORITE AND GNEISS. ANGULAR. 13.22 CaCO3 @ 80'-85'.						*15*				*40*	*35*	*10*
85								GW-GM		11				36	54	0

Contact Bradley Ross, CPG
602-369-6437 with questions

APPENDIX B
COST TABLES

BUCKEYE RECLAMATION COST ESTIMATE DETAILS

The reclamation cost estimates for the Buckeye Mine are presented below.

RECLAMATION TASKS:

1. Remove Equipment
2. Remove Concrete Block, Slabs, Scrap and Tires
3. Access Restrictions and Fencing
4. Berm Construction
5. Regrade Stockpile and Pit Slopes
6. Reclaim Disturbed Areas
7. Abandon Well
8. Maintenance

TASK 1. REMOVE EQUIPMENT

Equipment to be driven onto lowboy and removed by tractor and lowboy trailer is listed in the table below. Assume trucks and trailers for all equipment removal will be from Precision Heavy Haul, 8145 W. Harrison Rd, Tolleson

Type	No.	Make/model	Size	Loads
Bulldozer	1	Cat D9 2310	85,000 lb., 26 ft	1
Loader	2	Cat 972 Wheel	55,000 lb. 30 ft	1
Skid Steer	1	John Deere 324G	0.5 cy	0.5
Excavator	1	John Deere 470G	40 ft	1
Mini Excavator	1	John Deere 35G	15 ft	0.5
Telehandler	1	Cat TL1255D	35,000 lb. 23 ft	1
Grader	1	John Deere 672GP	44,000 lb. 30 ft	1
Pit Loader	1	Cat 988F	10,000 lb. 36 ft	1
Water Buffalo	1	Cat 730G		1
Haul truck	1	John Deere 460 ET		1
TOTAL				9

Equipment to be loaded by crane and removed by tractor and trailer is listed below. Assume cranes will be rented from Marco Crane & Rigging, 221 S. 35th Avenue, Phoenix.

Type	No.	Make/model	Size	Loads
Screen	1	Simplicity 45x20 VGF	250 tph	1
Screen Portable	1	Terex Cedarapid CRC	1150S	1
Wash Plant	1	Superior Twin 36"	350 tph	2

Generator crusher	1	DQFAD		1
Generatr wash pl	1	QSX15		1
Wash Plant				
Feed #1	1	WP 36 x 60 wash plant?		1
Dozer trap feeder	1	Superior 30 x 60		1
Crusher	1	Pit #1		1
Crusher	1	Product #1		1
Crusher	1	Product #2 36x60		1
Crusher	1	36x100		1
Conveyors, belts	3	Various lengths		2
Stackers	8	Various		8
Truck scale	1		10'x 75'	1
Diesel tank	1		1,000 gal	0.5
Diesel tank	1	Portable	200 gal	0.5
Water tank	3		10,000 gal	3
Diesel tank	1		3,000	1
Diesel fuel island	1		10,000 gal	1
Shop tanks & drums	1	Various		1
Welder	1			
Welder	1			
Recovery Unit	1			
Compressor	1			
Power washer	1			
Arc welder	1			
TOTAL				30

Equipment to be removed by towing is listed below.

Type	No.	Make/model	Size	Loads
Generator set	2	CK Power Towable	625 kW	2
TOTAL				2

Equipment to be removed by driving is listed below.

Type	No.	Make/model	Size	Loads
White Wtr Truck	1	GMC Brigadier		-
Service Truck	1	Ford F250		-
Water Truck	1	Caterpillar 623B	5,000 gal	-
TOTAL				-

All hauling, driving and towing will be to used equipment dealer Ritchie Bros. Auctioneers, 5410 W. Lower Buckeye Road, Phoenix, a distance of 25 miles.

Truck hours = 4 hours per load, includes mob/demob, load, haul, unload:
For 39 loads, time – 156 hours

Crane hours = 1 hour per load or unload, add mob/demob 8 hr., 2 cranes 16 hr.:
For 30 pieces, loads = 30 + 16 = 46 hr.

Truck driver hours = Tow includes return to mine after unload, 3 hours per trip. Tractor trailer driver included in equipment rate.
For 2 tows and 9 drives, time – 33 hours

See Table 4 in Appendix B for costs.

TASK 2. STRUCTURES, CONCRETE BLOCK, SLABS, SCRAP AND TIRES

The quantities used to estimate the costs are listed below. See Table 5 in Appendix B for costs.

1. Structures

Structures to be removed by demolition/salvage are:

Type	Make/model	Dimensions	Unit	Quantity
Shop	Open sided shade structure	60 x 50'	lf	440
Conex	At shop and crusher	50 x 10	no	3
Office	Prefab unit	40' x 15'	no	1

Steel = 4(60+50) = 440 sf

2. Slabs and Blocks

Slabs to be removed by demolition are:

Type	Make/model	Dimensions	Unit	Quantity
Office	Slab in front	40 x 6'	sf	240
Shop	Slab on grade	60 x 60'	sf	3,600
Tank	Slab on grade	50 x 12	sf	600
Plant area	Slabs on grade	50 x 50	sf	2500
Scale	Slab on grade	50 x 50'	sf	2,500
Total				9,440

Concrete slabs = 9,440 sf
Assume slabs 8" thick, volume = 9,440 x (8/12) x (1/27) = 233 cy

Masonry walls area = 100 x 6 = 600 sf - 8" wall

Unit rates from RS Means/Gordian (Ref 3)

Concrete, masonry and block – demolish and remove to landfill. Use front end loader, haul truck, dozer and grader.

Assume precast concrete blocks used for retaining walls etc. can be removed to salvage at no cost.

3. Tires

The number and type of used tires on site changes from time to time. Assume 20 highway vehicle tires at 100 lb./tire and 10 larger tires at 250 lb. per tire.

A loader will be used to lift tires onto the truck for hauling to Paradise Waste Transfer Station WTCS Used Tire Site: 4845 W. Lower Buckeye Road, Phoenix, a distance of about 25 miles. Allow 1.5 hours loader time. Two loads required.

See Table 5 in Appendix B for costs.

4. Scrap Metal

Assume there will be 10 tons of scrap metal on site. A loader will be used to place scrap onto truck for hauling to Maricopa Recycling Inc. in Buckeye (10 mi). Allow 1 hour loader time. One load required.

5. Non-metal Scrap

Assume there will be 5 tons of non-metal scrap and waste material on site. A loader will be used to lift scrap onto truck for hauling to Buckeye Landfill. Allow 0.5 hours loader time. One load required.

Costs for tires, scrap metal and non-scrap metal based on equipment and labor rates as shown on Table 8. Truck hours = 4 hours per load (ave.), includes mob/demob, load, haul, unload:

For 4 loads, time = 16 hr. See Table 5 in Appendix B for costs.

TASK 3. ACCESS RESTRICTIONS AND FENCING

The length of fence used = 1000'. This length is based on the assumption that most of the perimeter fencing will be installed during mining operations.

The cost is based on published values.
All-in cost of 3-strand barbed wire fence, installed = $3/linear ft.

Rough grading will be carried out along the property boundary line to prepare for fencing.

All dirt roads surrounding the property will be closed at the boundary with "Stop - Road Closed" signage prominently displayed. Posted "No Trespassing" signage is in place at

locations where people might enter the pit area. The access controls of signage and fencing/berms will be maintained post mining.

See Table 9 in Appendix B for costs.

TASK 4. BERM CONSTRUCTION

The berms required for flood protection will be constructed during mining operations. This task includes berms as required to restrict access to the site and repairs to existing flood protection berms.

The berms are assumed to be constructed of compacted fill 5 feet high and 4-foot wide crest.

The volume of fill material required is as follows

Berm length = 1300 ft, cross section area = 60 sq. ft
Volume = 1300 x 60/27 = 2,900 cy

The costs are based on equipment and labor rates. See Table 6 in Appendix B for costs.

TASK 5. REGRADE STOCKPILE AND PIT SLOPES

Regrade the pit slopes for revegetation. The unit cost is based placing topsoil material at the crest of the slope and dozers spreading it on the slope to create a layer for revegetation. It is assumed that the slope will be mined at a slope of 3:1 (H:V). Cat D6 and D9 dozers will work the bench. A horizontal distance from crest to pool is estimated at 60 feet. An average thickness of 1 foot is assumed for the fill, The quantity of material required is estimated to be 22,000 cubic yards (cy).

Volumes of cut and fill for pit bench:

	Volume (cy)
Fill: Pit crest length x height x width [9500 x 60 x.1)]/27	22,000

Hydroseed with tackifier will be applied to the top half of the slopes – approx. 12 acres

See Table 7 in Appendix B for costs..

Regrade stockpile slopes to 3:1 to minimize erosion. Assumed volumes to be moved for 2 stockpiles:

Crest length x height	Volume
2 x 1, 600' x 25'/27	3,000 cy

TASK 6. RECLAIM DISTURBED AREAS

Disturbed areas on the top surface will be regraded to remove excess low spots and smooth out humps so that runoff drains to the pit. The unit cost is based on spreading material with Cat D6 and D9 dozers. The surface will be contoured and then scarified with a Cat 140 HM Grader to prepare it for revegetation - hydroseeding.

Area to be regraded, contoured and scarified: approx. 30 acres. A grader can scarify at a rate of approximately 1 acre per hour – 10 acres per day.

See Table 8 for costs.

TASK 7. ABANDON WELL

It is assumed that the well on site will be abandoned and closed in accordance with ADWR requirements.

The well will be grouted closed and the surface casing and concrete pad removed, if present. Closure of the well will include administrative items, removal of injection ports and disposal of construction debris. The costs are estimated to amount to $8,533.

The costs for closing the well are based on a quote from a previous project. See table 3 for costs.

TASK 8. MAINTENANCE

Maintenance costs for the Buckeye Pit consist of inspection and repair of eroded areas, roads, fencing and signs. It was assumed that 5 percent of the exposed pit slope and disturbed areas (44 x .05 =2 acres) would require repair due to erosion. Most of the repair work would be carried out in the first 3 years on an annual basis. The costs were converted to a present value for a post reclamation period of 10 years.

The annual costs were converted to a net present value using an interest rate of 2.3 percent (Bloomberg). This rate was the 10-year average derived from the Bloomberg Generic Pricing source, using the US Generic Government 10-Year Yield Index. See table 10 for costs.

TABLE 2 - PMG BUCKEYE
RECLAMATION AND MAINTENANCE COST SUMMARY

16-Sep-24

Facility	Cost $
Abandon Wells (Table 3)	8,533.00
Equipment Removal (Table 4)	53,096.00
Structures Slabs and Masonry Removal (Table 5)	34,196.00
Tires and Scap Removal (Table 5)	3,987.00
Berm Construction (Table 6)	26,226.00
Slope Regrading (Table 7)	44,149.00
Fencing and Signage (Table 9)	27,688.00
Reclaim Areas (Table 8)	53,210.00
Operation and Maintenance Costs: (Tables 10 and 11)	106,410.00
Sub- total	357,495.00
Contingency (5%)	17,874.75
General Conditions & Profit (25%)	89,373.75
TOTAL	464,743.50

TABLE 3: PMG BUCKEYE
WELL CLOSURE

8/16/2024

RED MOUNTAIN WELL			1	
	Unit Cost		Quantity	Cost
Mobilization and Demobilization	$ 1,500.00	lump sum	1	$ 1,500
ADWR Closure Notification	$ 150.00	each	1	$ 150
Pump Removal (1)	$ 1,500.00	each	1	$ 1,500
Abandonment of Boring with Type V Cement (5)(9)(12)	$ 12.00	ft	150	$ 1,800
Removal of casing 2 feet below grade (1)	$ 150.00	each	1	$ 150
Disposal of Construction Debris (1)	$ 1,000.00	lump sum	1	$ 1,000
Oversight of well abandonments by Consultant (13)	$ 100.00	hr	10	$ 1,000
Project management by Consultant (14)	$ 125.00	hr	1	$ 125
Per Diem Consultant (15)	$ 195.00	each	1	$ 195
	Sub-total			$ 7,420
	15% increase for 2024			$ 1,113
	Total			$ 8,533

NOTES:

(1) from Yellow Jacket Drilling quote 7/29/16

(5) It is assumed that annular materials have a porosity of 35% for grout volume calculations.

(9) assumes average well depth of 150 feet, average 150 feet of grout

(12) assumes 4-inch diameter well in 9 inch diameter borehole, 35% annular materials porosity, pro-rated cost of $12 per foot, per conversation with Yellow Jacket.

(13) assumes 10 hours of oversight per well.

(14) assumes 1 hour of project management per well. Includes documentation and reporting of well abandonment.

(15) assumes $195 per well which includes perdiem ($100) and truck rental ($95)

PMG Buckeye Mine Reclamation Costs — Aug-24

TABLE 4 - Equipment Removal Costs

	Qty (Loads)	Production Rate (hrs/ld)	Estimated Task Duration (Days)	Estimated Task Duration (HRS)
	39	4	16	156

Equipment removed by tractor and lowboy trailer, driven or towed

Description	U/M	Est. Units	Duration (HR)	Unit Cost	Total Cost
Equipment + Operator					
Tractor and lowboy trailer	EA	1	100	$172.00	$17,200.00
Crane - 240 ton	EA	1	15	$607.00	$9,105.00
Crane - 90 ton	EA	1	31	$506.00	$15,686.00
Semi for counterweight	EA	2	8	$125.00	$2,000.00
Truck/rig for towing	EA	1	33	$123.00	$4,059.00
Sub-total					**$48,050.00**
Labor					
Driver	EA	1	110	$35.77	$3,934.70
Laborers, rigger	EA	1	35	$31.77	$1,111.95
Sub-total					**$5,046.65**
Total					**$53,096.65**

TABLE 5 - Structure and Scrap Removal

	Qty (sf)	Production Rate	Estimated Task Duration (Days)	Estimated Task Duration (HRS)

Masonry, steel and wood frame structure and concrete demolition and removal

Description	U/M	Est. Units	Duration (HR)	Unit Cost	Total Cost
Gordian/RS Means 2018					
Masonry	sf	600	1	$3.50	$2,100.00
Steel	sf	440	1	$4.00	$1,760.00
Wood frame	sf	500	1	$2.00	$1,000.00
Concrete	sf	9440	1	$3.00	$28,320.00
Sub total					**$33,180.00**
Labor					
Laborer	EA	1	32	$31.77	$1,016.64
Sub-total					**$1,016.64**
Total					**$34,196.64**

Tires, scrap metal, non metal scrap

Description	U/M	Est. Units	Duration (HR)	Unit Cost	Total Cost
Equipment + Operator					
16 cy highway dump truck	hr	1	20	$86.17	$1,723.40
Cat 966 Front End loader	hr	1	8	$187.76	$1,502.08
Sub-total					**$3,225.48**
Labor					
Laborer	EA	1	24	$31.77	$762.48
Sub-total					**$762.48**
Total					**$3,987.96**

PMG Buckeye Mine Reclamation Costs — Aug-24

Table 6: Berm Construction and Erosion Control

	Qty (CY)	Production Rate	Estimated Task Duration (Days)	Estimated Task Duration (HRS)
	2,900	1,000	3	29

Berm Construction

Description	U/M	Est. Units	Duration (HR)	Unit Cost	Total Cost
Equipment + Operator					
Cat D6N Dozer	EA	1	25	$180.92	$4,523.00
140 HM Grader	EA	1	15	$169.58	$2,543.70
Cat 966 Front End loader	EA	1	30	$193.36	$5,800.80
621G Water Pull	EA	1	20	$222.41	$4,448.20
Cat vibratory roller	EA	1	25	$97.66	$2,441.50
25 cy belly dump truck	EA	2	25	$59.48	$2,974.00
325 Trackhoe	EA	1	12	$140.34	$1,684.08
Sub-total					**$24,415.28**
Labor					
Foreman	EA	1	15	$57.22	$858.30
Laborers	EA	1	30	$31.77	$953.10
Sub-total					**$1,811.40**
Total					**$26,226.68**
Cost per cubic yard					**$9.04**

Table 7: Slope Regrading

	Qty (CY)	Production Rate	Estimated Task Duration (Days)	Estimated Task Duration (HRS)
	25,000	5,000	5	50

Slope Regrading

Description	U/M	Est. Units	Duration (HR)	Unit Cost	Total Cost
Equipment + Operator					
Cat D6N Dozer	EA	1	50	$180.92	$9,046.00
Cat D9 Dozer	EA	1	20	$384.70	$7,694.00
Cat 966 Front End loader	EA	1	40	$193.36	$7,734.40
Water pull	EA	1	40	$222.41	$8,896.40
25 cy belly dump truck	EA	2	50	$59.48	$5,948.00
Hydroseed incl. tackifier	AC	6	1	$3,000.00	$18,000.00
Sub-total					**$39,318.80**
Labor					
Foreman	EA	1	40	$57.22	$2,288.80
Laborers	EA	1	80	$31.77	$2,541.60
Sub-total					**$4,830.40**
Total					**$44,149.20**
Cost per cubic yard					**$1.77**

PMG
RECLAMATION COSTS

Table 8: Reclaim Areas

		Qty (SF)	Production Rate	Estimated Task Duration (Days)	Estimated Task Duration (HRS)
		1,300,000	430,000	3	30

Reclaim Disturbed Areas

Description	U/M	Est. Units	Duration (HR)	Unit Cost	Total Cost
Equipment + Operator					
D6 Dozer	EA	1	25	$180.92	$4,523.00
140 HM Grader	EA	1	30	$169.58	$5,087.40
621G Water Pull	EA	1	30	222.41	6672.3
Hydroseed incl. tackifier	AC	12	1	$3,000.00	$36,000.00
Sub-total					**$52,282.70**
Labor					
Foreman	EA	1	4	$57.22	$228.88
Laborers	EA	1	22	$31.77	$698.94
Sub-total					**$927.82**
Total					**$53,210.52**
Cost per acre					**$1,782.96**

Table 9: Fencing and Signage

		Qty (LF)	Production Rate	Estimated Task Duration (Days)	Estimated Task Duration (HRS)
		1,000	500	2	20

Fencing and signage

Description	U/M	Est. Units	Duration (HR)	Unit Cost	Total Cost
Equipment + Operator + Material					
D6 Dozer	EA	1	5	$180.92	$904.60
140 HM Grader	EA	1	5	$169.58	$847.90
621G Water Pull	EA	1	10	$222.41	$2,224.10
Fencing	LF	1000	1	$22.00	$22,000.00
Signage	LS	1	1	$1,000.00	$1,000.00
Sub-total					**$26,976.60**
Labor					
Foreman	EA	1	8	$57.22	$457.76
Laborers	EA	1	8	$31.77	$254.16
Sub-total					**$711.92**
Total					**$27,688.52**

PMG
RECLAMATION COSTS

Table 10: Operation and Maintenance

			Number of Years	Task Duration (Days/year)	Estimated Task Duration (HRS)
			10	2	20
Roads - Inspection and Maintenance					
Description	**U/M**	**Est. Units**	**Duration (HR)**	**Unit Cost**	**Total Cost**
Equipment + Operator					
140M Motor Grader	EA	1	20	$169.58	$3,391.60
Pick-Up Truck	EA	1	20	$12.50	$250.00
Sub-total					**$3,641.60**
Labor					
Foreman	EA	1	16	$57.22	$915.52
Laborers	EA	1	10	$31.77	$317.70
Sub-total					**$1,233.22**
Total					**$4,874.82**
Cost per year					**$4,874.82**

			Number of Years	Task Duration (Days/year)	Estimated Task Duration (HRS)
			3	5	50
Covers and Vegetation - Inspection and Maintenance					
Description	**U/M**	**Est. Units**	**Duration (HR)**	**Unit Cost**	**Total Cost**
Equipment + Operator, Task					
16M Motor Grader	EA	1	40	$169.58	$6,783.20
Pick-Up Truck	EA	1	50	$12.50	$625.00
Revegetation - mulch & hydroseed	AC	2	1	$3,000.00	$6,000.00
Sub-total					**$13,408.20**
Labor					
Foreman	EA	1	40	$57.22	$2,288.80
Laborers	EA	1	40	$31.77	$1,270.80
Sub-total					**$3,559.60**
Total					**$16,967.80**
Cost per year					**$16,967.80**

			Number of Years	Task Duration (Days/year)	Estimated Task Duration (HRS)
			10	1	10
Fences and Signs - Inspection and Maintenance					
Description	**U/M**	**Est. Units**	**Duration (HR)**	**Unit Cost**	**Total Cost**
Equipment + Operator					
Fencing materials	EA	1	1	$1,000.00	$1,000.00
Pick-Up Truck	EA	1	10	$12.50	$125.00
Sub-total					**$1,125.00**
Labor					
Foreman	EA	1	2	$57.22	$114.44
Laborers	EA	1	10	$31.77	$317.70
Sub-total					**$432.14**
Total					**$1,557.14**
Cost per year					**$1,557.14**

TABLE 11 - PMG RECLAMATION
OPERATION AND MAINTENANCE COSTS - NET PRESENT VALUE

August 23, 2024

Construction Item	Annual Cost	Post Reclamation Period	NPV Cost ($)
Roads	$4,874.00	10 years	$44,017.00
Covers and Revegetation	$16,967.00	3 years	$48,332.00
Fences and Signs	$1,557.00	10 years	$14,061.00
TOTAL			$106,410.00

NOTES
Inflation Rate at 2.3%
Net Present Value (NPV) at 3.8%
Mine Operating Life: 10 Years
Mine Post Closure Activities: 10 Years except for cover and revegetation 3 years

TABLE 12 - BUCKEYE MINE RECLAMATION - LABOR RATES

2024

Labor Category	Hourly Base Rate	Fringe benefits	Hourly Rate
Equipment Operator			
Group 1 and 2			
Grader Operator	34.96	13.52	48.48
Compactor Operator	34.96	13.52	48.48
Dozer Operator	34.96	13.52	48.48
Crusher Operator	31.69	13.52	45.21
Excavator Operator	34.96	13.52	48.48
Loader Operator	34.96	13.52	48.48
Truck Driver Group 4 (Off Highway Truck)			
Haul Truck Driver	26.78	8.99	35.77
Foreman (Group 2 Equipment Operator plus 25%)			
Foreman	43.7	13.52	57.22
Laborer			
Laborer	24.18	7.59	31.77

Notes:
1. Hourly Rates and Fringe based on 1/5/2024 Davis-Bacon wage determinations for Heavy Construction in Maricopa County.

TABLE 13 - BUCKEYE MINE RECLAMATION - EQUIPMENT RATES WITH OPERATOR

2024

Equipment	4 week 160 hr	$/hr	GPH	$3.8 /gal	Maintenance	Tire Wear	$/hr W/Fuel	Labor	$/hr W/Fuel
325 07 LCR trackhoe	$10,857.00	$67.86	5	$19	$5	$0	$91.86	$48.48	$140.34
966 front end loader	$17,622.00	$110.14	7	$27	$5	$3	$144.88	$48.48	$193.36
D6 dozer	$17,351.00	$108.44	5	$19	$5	$0	$132.44	$48.48	$180.92
621G water pull	$25,520.00	$159.50	5	$19	$5	$3	$186.64	$35.77	$222.41
16 cy highway dump truck	$5,600.00	$35.00	3	$11	$2	$2	$50.40	$35.77	$86.17
140 H/M Grader	$15,216.00	$95.10	5	$19	$5	$2	$121.10	$48.48	$169.58
D9 dozer	$44,514.00	$278.21	14	$53	$5	$0	$336.22	$48.48	$384.70
CS44 Smooth drum roller	$5,404.00	$33.78	3	$11	$2	$2	$49.18	$48.48	$97.66
Dump truck 6cy capacity	$3,796.00	$23.73	2	$8	$2	$2	$35.33	$35.77	$71.10
25 cy belly dump truck	$1,650.00	$10.31	3	$11	$1	$1	$23.71	$35.77	$59.48
Tractor trailer heavy haul		$150.00					$150.00		$150.00
Towing		$115.00					$115.00		$115.00
Crane 90T incl. Step Deck		$506.00					$506.00		$506.00
Crane 240T		$607.00					$607.00		$607.00

Notes:

1. Monthly and hourly rental rates are from Empire Cat Rental Mesa AZ, Precision Heavy Haul, Marco Crane (all 2024 quotes) and published information.
2. Fuel usage is from the Caterpillar Performance Handbook

Rental Equipment Quote

http://www.empire-cat.com/rentalterms

1/18/2024

Client	Axelrod Inc
Contact	Paul
Phone #	
Location	

Rental Sur-Charge	2.60%	REP Charge %	16%	Sales Tax	Apache Junction	9.10%

* All quotes are based on availability. This quote is valid for 30 days from the date on this quote

Machine #1	CAT 325-07 LCR			
Notes:				
Notes:				
Oversized:		Daily	Weekly	4/Week
GET/Notes:	Rates	$1,343.00	$3,440.00	$8,391.00
	REP Charge	$214.88	$550.40	$1,342.56
	PLT 3% Fee			
	Rent-Surcharge	$34.92	$89.44	$218.17
	Sub Total	$1,592.80	$4,079.84	$9,951.73
	Sales Tax	$144.94	$371.27	$905.61
	Total Cost	$1,737.74	$4,451.11	$10,857.33
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #2	CAT 966-14 Wheel Loader			
Notes:				
Notes:				
Oversized:		Daily	Weekly	4/Week
GET/Notes:	Rates	$2,193.00	$5,621.00	$13,709.00
	REP Charge	$350.88	$899.36	$2,193.44
	PLT 3% Fee			
	Rent-Surcharge	$57.02	$146.15	$250.00
	Sub Total	$2,600.90	$6,666.51	$16,152.44
	Sales Tax	$236.68	$606.65	$1,469.87
	Total Cost	$2,837.58	$7,273.16	$17,622.31
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #3	CAT D6 (Formerly D6T/D6R) SU Dozer			
Notes:				
Notes:				
Oversized:		Daily	Weekly	4/Week
GET/Notes:	Rates	$2,159.00	$5,533.00	$13,495.00
	REP Charge	$345.44	$885.28	$2,159.20
	PLT 3% Fee			
	Rent-Surcharge	$56.13	$143.86	$250.00
	Sub Total	$2,560.57	$6,562.14	$15,904.20
	Sales Tax	$233.01	$597.15	$1,447.28
	Total Cost	$2,793.59	$7,159.29	$17,351.48
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #4	621 Water Wagon, 8,000 Gal.			
Notes:				
Notes:				
Oversized:		Daily	Weekly	4/Week
GET/Notes:	Rates	$3,192.00	$8,179.00	$19,950.00
	REP Charge	$510.72	$1,308.64	$3,192.00
	PLT 3% Fee			
	Rent-Surcharge	$82.99	$212.65	$250.00
	Sub Total	$3,785.71	$9,700.29	$23,392.00
	Sales Tax	$344.50	$882.73	$2,128.67
	Total Cost	$4,130.21	$10,583.02	$25,520.67
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #5	CAT 140-13 Grader			
Notes:				
Notes:				
Oversized:		Daily	Weekly	4/Week
GET/Notes:	Rates	$1,889.00	$4,841.00	$11,808.00
	REP Charge	$302.24	$774.56	$1,889.28
	PLT 3% Fee			
	Rent-Surcharge	$49.11	$125.87	$250.00
	Sub Total	$2,240.35	$5,741.43	$13,947.28
	Sales Tax	$203.87	$522.47	$1,269.20
	Total Cost	$2,444.23	$6,263.90	$15,216.48
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #6	CAT D9T SU Dozer			
Notes:				
Notes:				
Oversized:		Daily	Weekly	4/Week
GET/Notes:	Rates	$5,593.00	$14,333.00	$34,958.00
	REP Charge	$894.88	$2,293.28	$5,593.28
	PLT 3% Fee			
	Rent-Surcharge	$145.42	$250.00	$250.00
	Sub Total	$6,633.30	$16,876.28	$40,801.28
	Sales Tax	$603.63	$1,535.74	$3,712.92
	Total Cost	$7,236.93	$18,412.02	$44,514.20
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

ALL FREIGHT CHARGES ARE SUBJECT TO CHANGE IF EQUIPMENT REQUIRES ESCORT

Empire maintains a wide variety of Caterpillar units and other allied equipment and also has the ability to source equipment from other dealers as needed through re-rent. All units are available for sale, lease/purchase, and short or long term rental. Empire applies up to 100% of lease purchase payments, less interest. Full lube service and fuel contracts are available on all rental units. Empire has the capacity to provide complete or partial onsite lube and fuel service for client-owned units and has a full lube service department with Caterpillar trained technicians. Full service equipment mobilization is available 24 hours a day, 7 days a week from Empire Transport.

*Rental Equipment Protection (REP) will be charged at 16% of the contract rate if proof of rental equipment insurance is not provided at rental start. Ask your Rental Coordinator if your rental has coverage.
*Overtime charges are in addition to the amounts listed on this quote, and are based on the rental rate divided by allowed hours. Overtime is anything over 8 hours per day, 40 hours per week, 160 hours per four weeks.
*Tire damage is billed separately from tire wear.
*Fuel and Diesel Exhaust Fluid (DEF) - All units leave full and must be returned full. For units returned not full, Empire will charge for fuel or DEF at $8.00/gal.
*Rent will be charged for all equipment until a call-off number is obtained by the Client. Call your Rental Coordinator to obtain a call-off number.
*Client is responsible for all Ground Engaging Tools (G.E.T.) (i.e., teeth, cutting edges), tire wear, damages, abuse, daily lube, and fuel.
*All quotes are based on availability. This quote is valid for 30 days from the date set forth above.

*Largest Caterpillar training facility in North America for required technical training
*Field service provided by both Rental and Field Service Departments
*Re-Rent Options with other departments and Caterpillar dealers
*Be the Best Attitude ensures quality service and timely responses
*Low hour, well-equipped, current model Caterpillar equipment
*State-of-the art facility to support all services offered

*EPA Compliant Equipment
*Complete and timely PM services
*Best-in-Class Parts Department
*G.E.T. Inspection and Exchange
*Operator trainers available
*Lease Purchase Option available

Mesa Apache Junction Deer Valley Eloy Tucson Flagstaff Yuma Kingman Prescott Thatcher Show Low Buckeye Imperial, CA

Quoted By:	Phone: #N/A	Email:	#N/A

Client	Axxlod
Contact	Paul
Phone #	
Location	

http://www.empire-cat.com/rentalterms

1/18/2024

Rental Sur-Charge	2.60%	REP Charge %	16%	Sales Tax	Apache Junction	9.10%

* All quotes are based on availability. This quote is valid for 30 days from the date on this quote

Machine #1 CAT CS44 Smooth Roller

		Daily	Weekly	4/Week
Notes:				
Notes:				
Oversized:				
GET/Notes:	Rates	$668.00	$1,712.00	$4,177.00
	REP Charge	$106.88	$274.08	$668.32
	PLT 3% Fee			
	Rent-Surcharge	$17.37	$44.54	$108.60
	Sub Total	$792.25	$2,031.62	$4,953.92
	Sales Tax	$72.09	$184.88	$450.81
	Total Cost	$864.34	$2,216.50	$5,404.73
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #2 6 Yard Dump Truck

		Daily	Weekly	4/Week
Notes:				
Notes:				
Oversized:				
GET/Notes:	Rates	$575.00	$1,474.00	$3,595.00
	REP Charge			
	PLT 3% Fee	$17.25	$44.22	$107.85
	Rent-Surcharge	$14.95	$38.32	$93.47
	Sub Total	$607.20	$1,556.54	$3,796.32
	Sales Tax			
	Total Cost	$607.20	$1,556.54	$3,796.32
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #3 CAT 730 Haul Truck

		Daily	Weekly	4/Week
Notes:				
Notes:				
Oversized:				
GET/Notes:	Rates	$2,432.00	$6,233.00	$15,202.00
	REP Charge	$389.12	$997.28	$2,432.32
	PLT 3% Fee			
	Rent-Surcharge	$63.23	$162.06	$250.00
	Sub Total	$2,884.35	$7,392.34	$17,884.32
	Sales Tax	$262.48	$672.70	$1,627.47
	Total Cost	$3,146.83	$8,065.04	$19,511.79
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:	TBD	TBD		
Notes/Fees:				
Notes/Fees:				

Machine #4 Equipment

		Daily	Weekly	4/Week
Notes:				
Notes:				
Oversized:				
GET/Notes:	Rates			
	REP Charge			
	PLT 3% Fee			
	Rent-Surcharge			
	Sub Total			
	Sales Tax			
	Total Cost			
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:				
Notes/Fees:				
Notes/Fees:				

Machine #5 Equipment

		Daily	Weekly	4/Week
Notes:				
Notes:				
Oversized:				
GET/Notes:	Rates			
	REP Charge			
	PLT 3% Fee			
	Rent-Surcharge			
	Sub Total			
	Sales Tax			
	Total Cost			
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:				
Notes/Fees:				
Notes/Fees:				

Machine #6 Equipment

		Daily	Weekly	4/Week
Notes:				
Notes:				
Oversized:				
GET/Notes:	Rates			
	REP Charge			
	PLT 3% Fee			
	Rent-Surcharge			
	Sub Total			
	Sales Tax			
	Total Cost			
Freight:	Delivery	Pickup	Sales Tax	Total Freight
Rates:				
Notes/Fees:				
Notes/Fees:				

ALL FREIGHT CHARGES ARE SUBJECT TO CHANGE IF EQUIPMENT REQUIRES ESCORT

TERMS: Unless otherwise agreed in writing by a vice president of Empire Southwest, LLC ("Empire"), the rental of any equipment from Empire will be governed solely by Empire's Rental Terms and Conditions (the "Terms") which are available at www.empire-cat.com/rentalterms or such other successor website at which Empire posts its Terms from time to time. A hard copy of the Terms is available upon written request to terms.conditions@empire-cat.com. The Terms are hereby incorporated by reference into this document. Placing a Rental Order with Empire or accepting rental equipment from Empire constitutes agreement to be bound by the Terms exactly as written.

Empire maintains a wide variety of Caterpillar units and other allied equipment and also has the ability to source equipment from other dealers as needed through re-rent. All units are available for sale, lease/purchase, and short or long term rental. Empire applies up to 100% of lease purchase payments, less interest. Full lube service and fuel contracts are available on all rental units. Empire has the capacity to provide complete or partial onsite lube and fuel service for client-owned units and has a full lube service department with Caterpillar trained technicians. Full service equipment mobilization is available 24 hours a day, 7 days a week from Empire Transport.

*Rental Equipment Protection (REP) will be charged at 16% of the contract rate if proof of rental equipment insurance is not provided at rental start. Ask your Rental Coordinator if your rental has coverage.
*Overtime charges are in addition to the amounts listed on this quote, and are based on the rental rate divided by allowed hours. Overtime is anything over 8 hours per day, 40 hours per week, 160 hours per four weeks.
*Tire damage is billed separately from tire wear.
*Fuel and Diesel Exhaust Fluid (DEF) - All units leave full and must be returned full. For units returned not full, Empire will charge for fuel or DEF at $8.00/gal.
*Rent will be charged for all equipment until a call-off number is obtained by the Client. Call your Rental Coordinator to obtain a call-off number.
*Client is responsible for all Ground Engaging Tools (G.E.T.) (i.e., teeth, cutting edges), tire wear, damages, abuse, daily lube, and fuel.
*All quotes are based on availability. This quote is valid for 30 days from the date set forth above.

*Largest Caterpillar training facility in North America for required technical training
*Field service provided by both Rental and Field Service Departments
*Re-Rent Options with other departments and Caterpillar dealers
*Be the Best Attitude ensures quality service and timely responses
*Low hour, well-equipped, current model Caterpillar equipment
*State-of-the art facility to support all services offered

*EPA Compliant Equipment
*Complete and timely PM services
*Best-in-Class Parts Department
*G.E.T. Inspection and Exchange
*Operator trainers available
*Lease Purchase Option available

Mesa · Apache Junction · Deer Valley · Eloy · Tucson · Flagstaff · Yuma · Kingman · Prescott · Thatcher · Show Low · Buckeye · Imperial, CA

Quoted By: **Phone: #N/A** **Email:** **#N/A**

APPENDIX C

LETTER TO RESIDENTS

September 18, 2024

Premier Materials Group LLC
4025 E Presidio St
Mesa, AZ 85215

Re: Mined Land Reclamation Plan
Buckeye Mine, Maricopa County, Arizona

To Whom It May Concern:

Premier Materials Group (PMG) is developing a sand and gravel operation on our property located at 22106 West Eagle Mountain Road, Buckeye, AZ 85326. PMG has prepared a Mined Land Reclamation Plan for the operation and is in the process of submitting it to the Arizona State Mine Inspector for review.

Please contact the Arizona State Mine Inspector if you have any questions.

Sincerely,

Todd Hall
PMG Manager