

STATE MINE INSPECTOR

NOV 13 2024



Himes Consulting LLC

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November 11, 2024  
Reference No. 24-07

Arizona State Mine Inspector  
Amanda Lothner, Reclamation Specialist  
1700 W. Washington, Suite 403  
Phoenix, AZ 85007-2805

Re: Reclamation Plan JDI Pit

Dear Ms. Lothner:

Enclosed please find one original and three copies of the Reclamation and Closure Plan for JDI Enterprises, LLC's JDI Pit located east of Kingman in Mohave County, AZ. Also enclosed is the \$3,800 application fee. Public notice has also been conducted as required as outlined in the Affidavit attached. Please feel free to contact me in regards to any questions.

Sincerely,

A handwritten signature in blue ink that reads "Jill A. Himes".

HIMES CONSULTING, LLC  
Jill A. Himes

Cc: Ben Overson, JDI Enterprises, LLC



STATE MINE INSPECTOR

NOV 13 2024

**Affidavit of Public Notification**

I, **David Williams**, of 15944 W. Cameron Drive, Surprise, Arizona 85379, hereby affirm the following under oath:

1. I affirm that, in compliance with ARS § 27-1271(B)(13), I undertook the necessary public notification procedures outlined in the references Arizona State Statutes, based on address and owner data obtained from the Mohave County, Arizona Assessor's Website as of October 30, 2024.
2. On October 31, 2024, I sent out a public notification mailing in accordance with the statute, which included:
  - o Notification to all properties within a 1/2-mile radius of the site, measured from the perimeter of the property, as per the statutory requirements.
  - o A notification card addressed to W3 Planning and Research, LLC, was also sent to the address listed above to verify the successful completion of the mailing.
    - Notification card was received by USPS mail on November 1, 2024.
  - o A webpage was created and published containing the reclamation plan and other details as indicated on the mailing notification. The address is [www.w3planning.org/kingman](http://www.w3planning.org/kingman)
3. This notification mailing included the required details, including contact information for W3 Planning and Research, LLC., designated as the point of contact for any questions related to the reclamation plan.
4. A copy of the notification card is included in this affidavit.

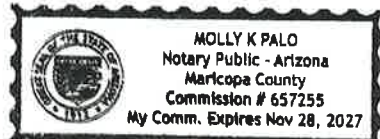
I affirm, under penalty of perjury, that the above statements are true and correct to the best of my knowledge.

**Dated:** November 8, 2024

*David Williams*  
David Williams

Subscribed and sworn to (or affirmed) before me on this 8 day of November, 2024.

COUNTY OF MARICOPA )  
                                  ) SS



On this 8 day of November 2024 before me the undersigned

Notary Public personally appeared David Williams, who executed the foregoing instrument for the purpose therein contained. In witness whereof, I hereby set my hand and official seal,

Notary Public *Molly K Palo* Date Commission Expires 11/28/2027

## Notice of Public Outreach – Mine Reclamation Plan

**Site Location:**  
2674 N. Roundup Ave, Kingman, AZ  
Parcel # 354-30-025  
(Approx 1,000 feet east of Love's at DW Ranch  
Road on the north side of I-40)

**Case Name:**  
JDI Enterprises – Mining Reclamation Plan

**Comments due no later than November 30<sup>th</sup>, 2024**

**Dear Property Owner:**

This notice is to inform you that the owners of the existing 48.4 acre aggregate mine located on the north side of I-40 and DW Ranch Road, east of the Love's Truck Stop are applying for State approval of a mining reclamation plan. The reclamation plan helps guide how the mine will be closed and reclaimed when the site is no longer feasible for mining aggregate and is a requirement of State Law.

We are seeking technical comments on the proposed plan. Materials and more information on the proposed plan can be found at the web address below or by requesting a copy from the Arizona State Mine Inspector.

[www.w3planning.org/kingman](http://www.w3planning.org/kingman)

**Questions or to provide comments?**

David Williams

[David@w3planning.org](mailto:David@w3planning.org) 928-830-0217



# RECLAMATION AND CLOSURE PLAN

JDI ENTERPRISES, LLC

JDI PIT

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**SUBMITTED TO THE STATE MINE  
INSPECTOR'S OFFICE FOR REVIEW AND  
APPROVAL IN ACCORDANCE WITH  
ARIZONA REVISED STATUTE  
TITLE 27 - CHAPTER 6  
STATE MINE INSPECTOR AGGREGATE  
MINED LAND RECLAMATION**

OCTOBER 2024

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## 1.0 ADMINISTRATIVE INFORMATION

Company: JDI Enterprises, LLC

Contact: Ben Overson  
JDI Enterprises, LLC  
2674 Roundup Ave  
Kingman, AZ, 86401  
(Office) (928) 681-4610  
oversonben@yahoo.com

Applicant: Ben Overson  
JDI Enterprises, LLC  
2674 Roundup Ave  
Kingman, AZ, 86401  
(Office) (928) 681-4610  
oversonben@yahoo.com

Permit  
Technical  
Consultant: Jill Himes, Himes Consulting LLC  
3301 West Genoa Way  
Chandler, AZ 85226  
(480) 899-5708  
(602) 499-9253 (cell)  
jillhimes@cox.net

Landowner: Overson, Ben & Sara

Parcel No: 354-30-025

Operator: JDI Enterprises, LLC

## 2.0 INTRODUCTION

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### 2.1 PURPOSE AND SCOPE

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JDI Enterprises, LLC proposes to continue to conduct aggregate mining and processing at their property east of Kingman in Mohave County, Arizona. The JDI Pit is located within Section 17 in Township 21 North, Range 15 West, Gila and Salt River Meridian.

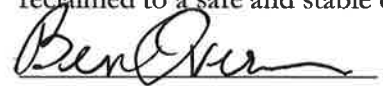
The purpose of this Mine Reclamation and Closure Plan (MRCP) is to present the details of rehabilitation of the JDI Pit in Mohave County, Arizona concurrent with or after mining operations have ceased in accordance with the Arizona Aggregate Mined Lands Act (AAMLRA) (Arizona Revised Statutes[A.R.S.] § 27-1201) as authorized by A.R.S. § 27-1204. This plan has been developed pursuant to the format and content prescribed in the Arizona Aggregate Mined Lands Reclamation Rules (Arizona Administrative Code {A.A.C}, R11-3-101, et seq.). The MRCP addresses environmental, technical and operational issues that are identified in those documents.

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### 2.2 RECLAMATION STATEMENT OF RESPONSIBILITY

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JDI Enterprises, LLC assumes responsibility for the reclamation of surface disturbances that are attributable to the aggregate mining unit consistent with A.R.S. §. 27-1201 and A.C.C. R11-3-501 pursuant to that chapter. All areas that have been disturbed at the site will be reclaimed to a safe and stable condition when mine operations conclude.



10/16/24

Signature

Date

owner

Title

---

### 2.3 RECLAMATION APPROACH

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JDI Enterprises, LLC will reclaim areas surrounding and within the excavated areas necessary to accomplish the post-mining land use of open space and residential. The goals of the mine plan and reclamation measures are to provide for a safe, stable, and sustainable site once mining has ceased. Reclamation will take place concurrently to the degree possible, but no later than the cessation of mining activities.

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**2.4 CURRENT OWNERSHIP AND LAND USE INCLUDED IN THE AGGREGATE MINING UNIT**

JDI Enterprises, LLC is planning to continue to conduct aggregate mining and processing operations for commercial use at their existing pit east of Kingman. A portion of the parcel has been mined since 2000 and includes approximately 48.4 acres, as shown in Table 1 below, and in Figure 3. The extraction/processing operation consists of mining to remove aggregate material as described in A.R.S. § 27-441. At the JDI Pit, the process includes the use of a screen, crusher, and other mobile equipment for the support of production, and other construction material related operations. Operations include excavation, screening, crushing, stockpiling, loading, and hauling. Access is from North Roundup Avenue. Land use is currently mining and processing with grazing in the undeveloped portions. A residence also occurs on the parcel. JDI Enterprises, LLC has estimated the removal of up to 316,709 cubic yards over a period of approximately 15 years. The closest off-site residence is located 1,800 feet (ft) to the northwest of the nearest existing excavation area.

The project site is located in an area within the semidesert grassland vegetation community (Brown 1994). Vegetation within the project vicinity is characterized by broom snakeweed (*Gutierrezia sarothrae*), black-banded rabbitbrush (*Chrysothamnus paniculatus*), brittlebush (*Encelia farinosa*), creosotebush (*Larrea tridentata*), California buckwheat (*Eriogonum fasciculatum*), desert trumpet (*Eriogonum inflatum*), Mormon tea (*Ephedra* sp.), Anderson thornbush (*Lycium andersonii*), white thorn (*Acacia constricta*), crucifixion thorn (*Castela emoryi*), silverleaf nightshade (*Solanum elaeagnifolium*), rosemary currenthus (*Searsia rosmarinifolia*), and underlying grasses. Cacti and succulents observed includes buckhorn cholla (*Cylindropuntia echinocarpa*), prickly pear cactus (*Opuntia engelmannii*), whipple cholla (*Cylindropuntia whipplei*), and banana yucca (*Yucca baccata*). The site is located with Arizona Game and Fish Department (AGFD)'s Game Management Unit 15B. Species in this unit include antelope, elk, bighorn sheep, mountain lion, mule deer, dove, and quail. Wildlife and/or wildlife sign observed in the project vicinity include common raven (*Corvus corax*), western meadowlark (*Sturnella neglecta*), verdin (*Auriparus flaviceps*), Eurasian collard dove, (*Streptopelia decaocto*), ladder-backed woodpecker (*Dryobates scalaris*), Say's phoebe (*Sayornis saya*), curve-billed thrasher (*Toxostoma curvirostre*), black-throated sparrow (*Amphispiza bilineata*), house finch (*Haemorhous mexicanus*), desert woodrat (*Neotoma lepida*), desert cottontail (*Sylvilagus auduboni*), and coyote (*Canis latrans*).

**Table 1  
Existing Surface Disturbance**

<b>Feature</b>	<b>Acres</b>
Access Road	1.0
Mining & Processing	15.5
Office & Equipment Storage Area	5.0
Undisturbed	26.9
<b>Total</b>	<b>48.4</b>

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## 2.5 PROPOSED POST-AGGREGATE MINING LAND USE

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Proposed post-aggregate mining land use of the site is open space and residential. The only planned residential is to retain the existing residence on the property. Current nearby use is open space, commercial, and residential.

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## 2.6 DESCRIPTION OF THE AGGREGATE MINING UNIT AND PROPOSED SURFACE DISTURBANCES

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The site includes an existing pit and processing area that will be expanded to the south to a final disturbance of approximately 23.1 acres, as shown in Figure 4. Slopes 3:1 (horizontal: vertical) (H:V) or flatter are incorporated into the mining plan. Material removal will be to a depth of up to 32 feet below ground surface. The processing area, located within mining area, includes a crusher, screen, and stockpiles. A residence, office trailer, and equipment storage occurs in the northwestern portion of the site. Proposed surface disturbances are shown in Table 2 below.

**Table 2**  
**Proposed Final Surface Disturbance**

<b>Feature</b>	<b>Acres</b>
Mining & Processing Area	23.4
Office & Equipment Storage	5.0
Access Road	1.0
Undisturbed	19.0
Total	48.4

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## 2.7 EXISTING AND PROPOSED FINAL TOPOGRAPHY

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Existing topography and survey information is provided in Figure 3 attached. Existing elevations range from approximately 4,120 feet (ft) above mean sea level (msl) in the southeastern portion of the property to 4,060 ft above msl in the northwestern portion of the property. The mining area is located within and adjacent to a dry wash. Proposed final elevations are shown in Figure 4 attached. Proposed final topography of the slopes will have a 3:1 (H:V) slope or flatter to provide a safe slope at the end of mine life.

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## 2.8 A NARRATIVE DESCRIPTION OF ROADS

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The parcel includes existing access west to North Roundup Ave, as shown in Figures 3 and 4. Temporary internal access roads may be used over time as mining advances.

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## **2.9 ACREAGE AFFECTED BY EACH TYPE OF SURFACE DISTURBANCE**

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### **Area Descriptions:**

#### **2.9.1 Mining & Processing Area**

Aggregate mining at this site would expand approximately 7.9 acres to the south adjacent to the existing dry wash. Processing is included within previously mined areas and includes a crusher, a screen, and stockpiles. Slopes are planned at a maximum of 3:1 (H:V) or flatter. Final build-out is shown in Figure 4.

#### **2.9.2 Office & Equipment Storage Area**

An office trailer, residence, and equipment storage area occurs in the northwestern portion of the site. This area is not proposed to change in size.

#### **2.9.3 Access Roads**

The parcel includes existing access west to N Roundup Avenue, as shown in Figures 3 and 4. Temporary internal access roads may be used over time as mining advances. Access to the property is gated.

### **3.0 RECLAMATION**

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#### **3.1 EQUIPMENT AND STRUCTURE REMOVAL**

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All mining equipment onsite is mobile and can be re-located at will throughout the mining process. All mobile mining equipment will be removed from the site. An on-site residence occurs on site which will be retained post-mining for use by the owner.

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#### **3.2 ROADS, POWER LINES, WATERLINES AND FENCES**

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The existing access road entrance to N Roundup Ave will be retained for use to enter the property by the landowner. Any internal access within the mining and processing areas, as shown in Figure 5, will be reclaimed. The existing powerline to the residence will be retained; however, there are no other powerlines within the site. Mobile generators are used on an as-needed basis for the mining equipment which will be removed post-mining. The existing waterline to the residence will be retained; however, there are no other waterlines within the site. The site is currently fenced and gated.

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#### **3.3 AREA PREPARATION**

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Post-mining, the disturbed portions of the site interior will be re-graded and scarified to promote natural revegetation, as shown in Figure 5.

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#### **3.4 SLOPE STABILIZATION**

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Mining incorporates 3:1 (H:V) slopes or flatter to result in stability for the area. No additional physical stabilization will be necessary after mining.

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#### **3.5 SOIL CONSERVATION**

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Natural revegetation on previously disturbed areas in the vicinity has been previously successful. Natural revegetation of the disturbed areas is therefore reasonably expected to be successful without soil amendments. Little topsoil occurs within areas proposed for mining adjacent to the dry wash.

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#### **3.6 REVEGETATION**

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To promote natural revegetation, scarification will be conducted within the disturbed areas to support the open space land use of the site. Since these areas are not proposed to support grazing, fish or wildlife habitat, forestry or recreation post-mining land uses, proposed measures to encourage fish and wildlife habitat are not required to be described further in accordance with A.R.S. §27-1271 (B)(9d).

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### **3.7 THE PROPOSED RECLAMATION MEASURES TO ACHIEVE POST MINE LAND USE AND PUBLIC SAFETY**

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A. What measures will restrict public access to pits or other hazardous surface features?

As the mined slopes are proposed at 3:1 (H:V) or flatter, no hazardous surface features are anticipated to remain after reclamation. The site is currently fenced and gated. In addition, all scrap metal, wood, trash and other debris that pose a threat to public safety or create a public nuisance will be removed.

B. What measures will be taken to address erosion control and stability?

Site-specific grading shall be conducted, as necessary, to address erosion. No permanent piles of mined material or overburden will remain. Slope stability at a 3:1 (H:V) slope or flatter is incorporated into the mining plan.

C. What measures will be taken to address revegetation, conservation, and the care and monitoring of revegetated areas?

Scarification would promote natural revegetation which occurs in the region. As revegetation is not proposed, monitoring of revegetated areas is not required.

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### **3.8 TIMELINE AND PHASING OF RECLAMATION**

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Mining will begin immediately upon approval, anticipated in early 2025. In accordance with A.R.S. § 27-926, reclamation & monitoring will be completed within one year of cessation of mining. Proposed tentative schedule includes:

- Mining operations are anticipated to continue for 15 years until 2040.
- Reclamation will commence immediately upon completion of mining operations and is estimated to be completed within one year (estimated 2041).
- Reclamation includes mining equipment removal, processing area cleanup, grading, scarification to promote natural revegetation, and annual monitoring (trash removal, natural revegetation monitoring).
- Reclamation will be deemed complete once the reclaimed surfaces have been regraded to a safe and stable condition, scarification has been conducted, and ASMI verifies that the owner or operator has fulfilled the requirements of the approved reclamation plan.

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### **3.9 RECLAMATION COSTS – FINANCIAL ASSURANCE**

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All reclamation costs will be wholly born by the applicant. Financial surety will be obtained by bonding.

## 4.0 MINE CLOSURE

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### 4.1 MINING AREAS

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Reclamation of the mining area will commence immediately upon closure of mining operations. There will be no substantial period between operation and reclamation.

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### 4.2 PROCESSING AND OTHER AREAS

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Overburden and aggregate stockpiles will be removed by the end of mine life. Reclamation will commence immediately upon completion of mining operations. Equipment used for mining operations will be removed from the site. There will be no substantial period between operation and reclamation.

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### 4.3 PERSONNEL

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Personnel employed at this site will be re-assigned to other job sites if possible or assigned to assist with the reclamation process and then re-assigned.

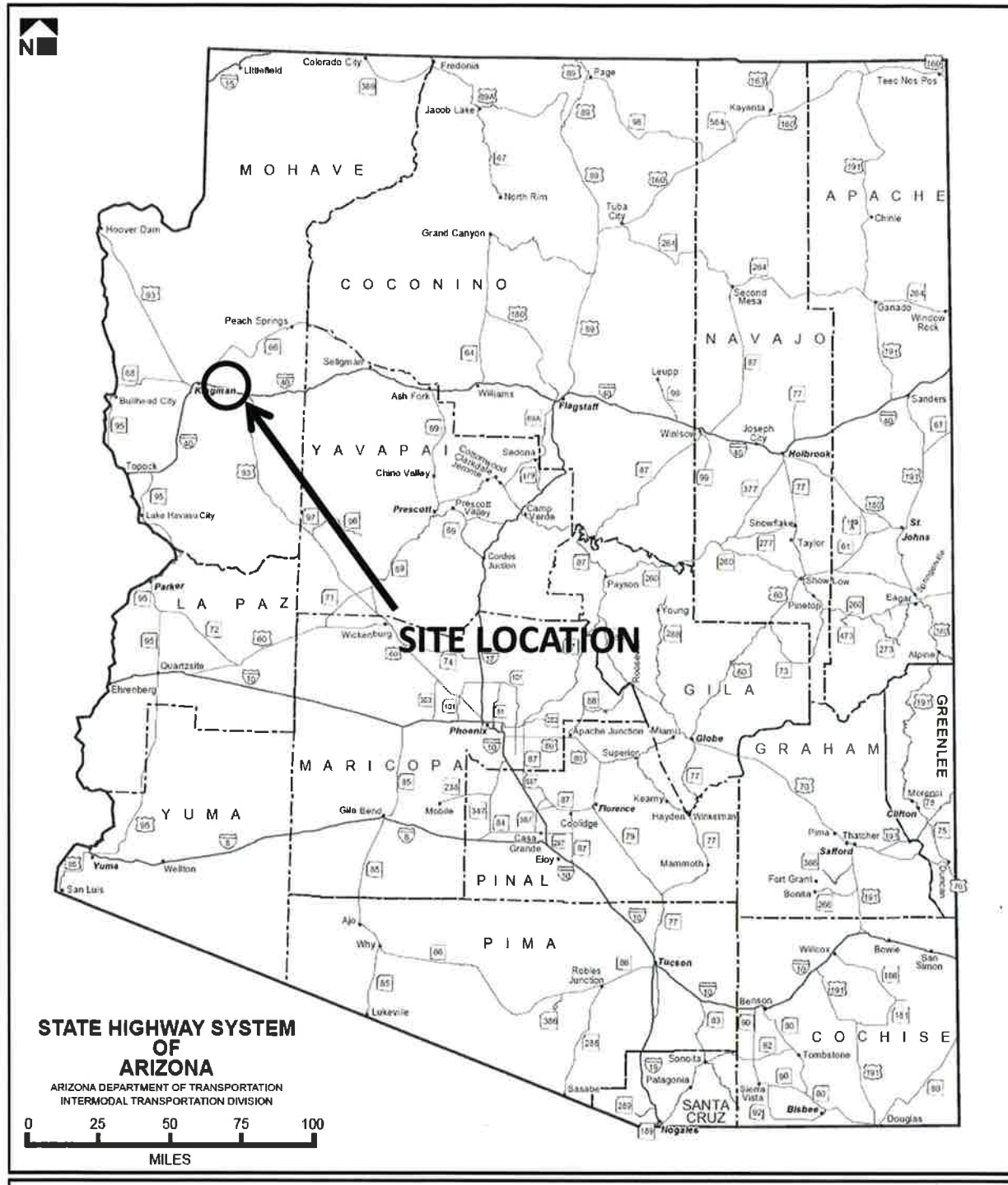
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### 4.4 MONITORING

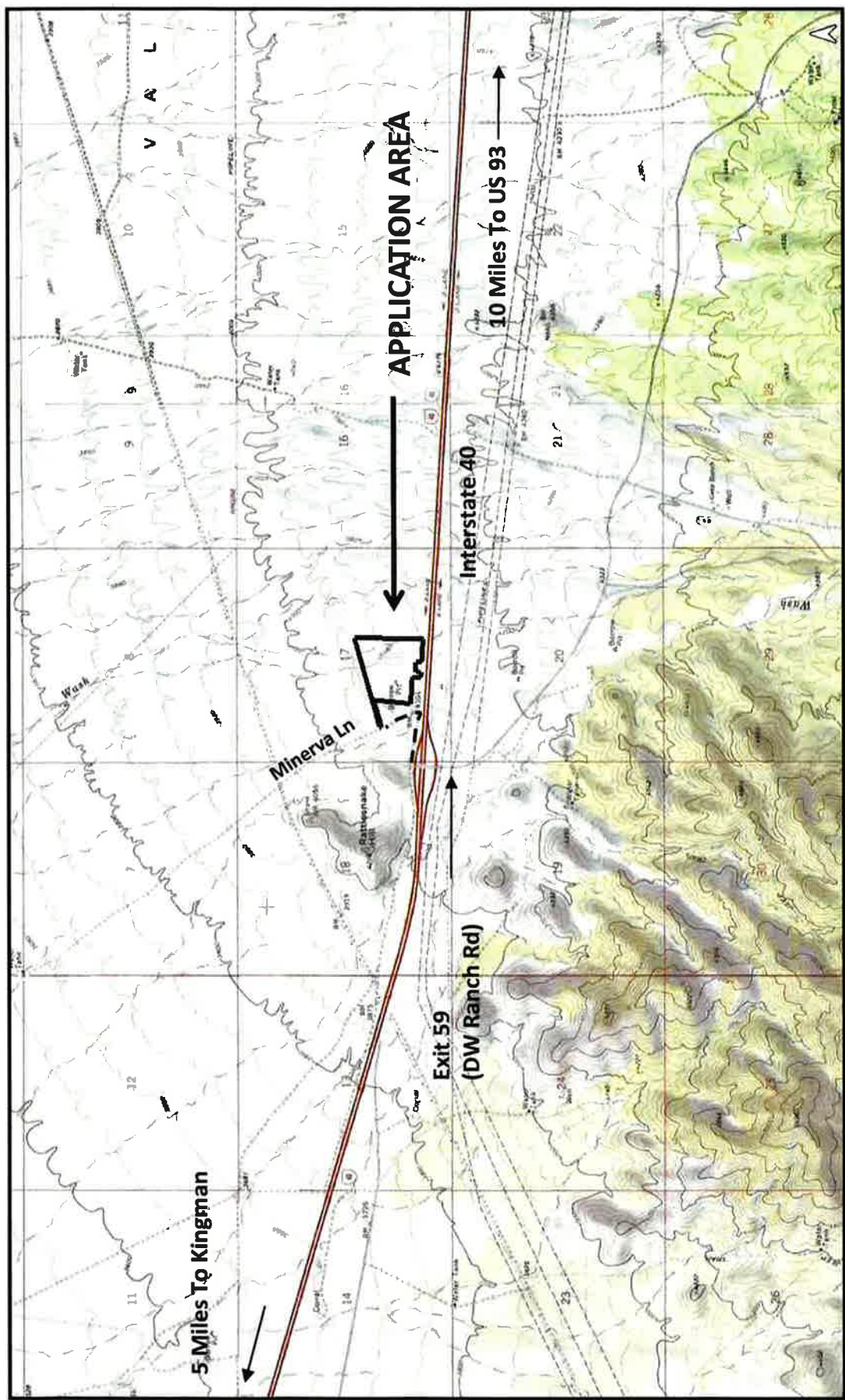
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The closure of operations at this site will be monitored in accordance with the approved conditions of this plan in accordance with the Arizona State Mine Inspector's Office. During reclamation, monitoring will occur annually to remove trash and conduct a general inspection.

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**Figure 1. State Map.  
 JDI Pit.  
 Mohave County, AZ.**



**Figure 2. Project Vicinity Map.  
JDI Pit.  
Mohave County, AZ.**



Base Maps: USGS 7.5-Minute Quad Map: Rattlesnake Hill AZ.





# JDI ENTERPRISES, LLC

## EXISTING CONDITIONS

A PORTION OF SECTION 17,  
T-21N., R-15W,  
of the GILA & SALT RIVER  
BASE & MERIDIAN  
MOHAVE COUNTY, ARIZONA

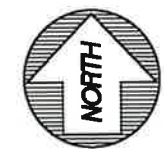
## LEGEND

- PROPERTY LINE
- - - - - WASH LINE
- ==== ACCESS ROAD
- - - - - EXISTING 10' CONTOURS
- - - - - EXISTING 2' CONTOURS

## MATERIAL & PLANT AREAS

### EXISTING CONDITIONS

MINING AREA	
DISTURBED AREA	- 26.9± ACRES
UNDISTURBED AREA	- 21.5± ACRES
<hr/>	
TOTAL	- 48.4± ACRES



SCALE: 1" = 300'

RAYMOND W. STADLER P.E., R.L.S.

2504 AIRFIELD COURT  
KINGMAN, ARIZONA 86401  
PHONE: (928) 753-8927 • FAX (928) 753-4050

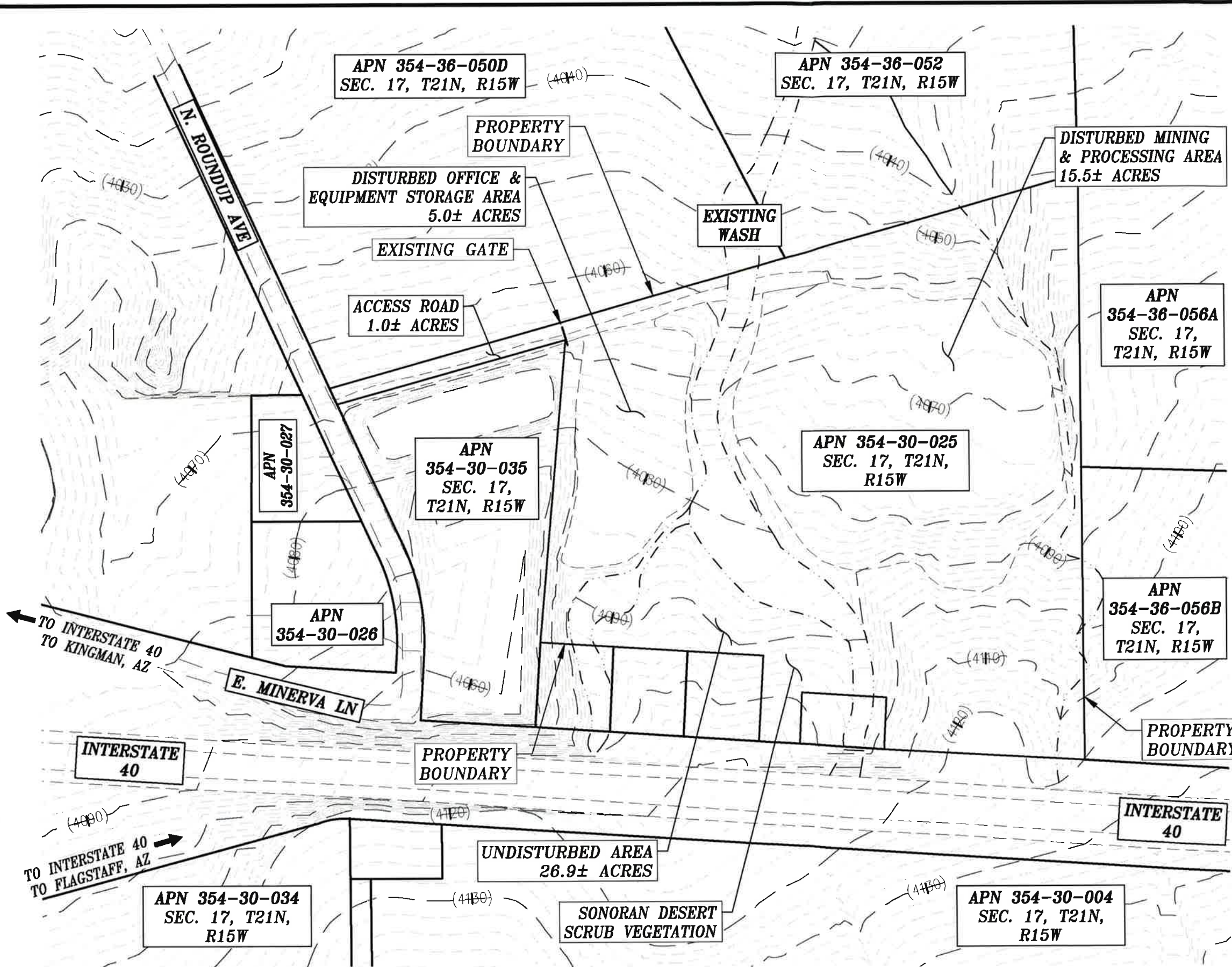









FIGURE 3

# JDI ENTERPRISES, LLC

## PROPOSED CONDITIONS

A PORTION OF SECTION 17,  
T-21N., R-15W,  
of the GILA & SALT RIVER  
BASE & MERIDIAN  
MOHAVE COUNTY, ARIZONA

### LEGEND

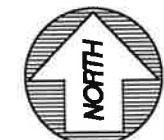
-  PROPERTY LINE
-  WASH LINE
-  ACCESS ROAD
-  EXISTING 10' CONTOURS
-  EXISTING 2' CONTOURS
-  PROPOSED 10' CONTOURS
-  PROPOSED 2' CONTOURS

### MATERIAL & PLANT AREAS

MINING AREA	- 23.4± ACRES
OFFICE & EQUIPMENT STORAGE	- 5.0± ACRES
ACCESS ROAD	- 1.0± ACRES
UNDISTURBED AREA	- 19.0± ACRES
<b>TOTAL</b>	<b>- 48.4± ACRES</b>

### SOURCE MATERIAL VOLUME

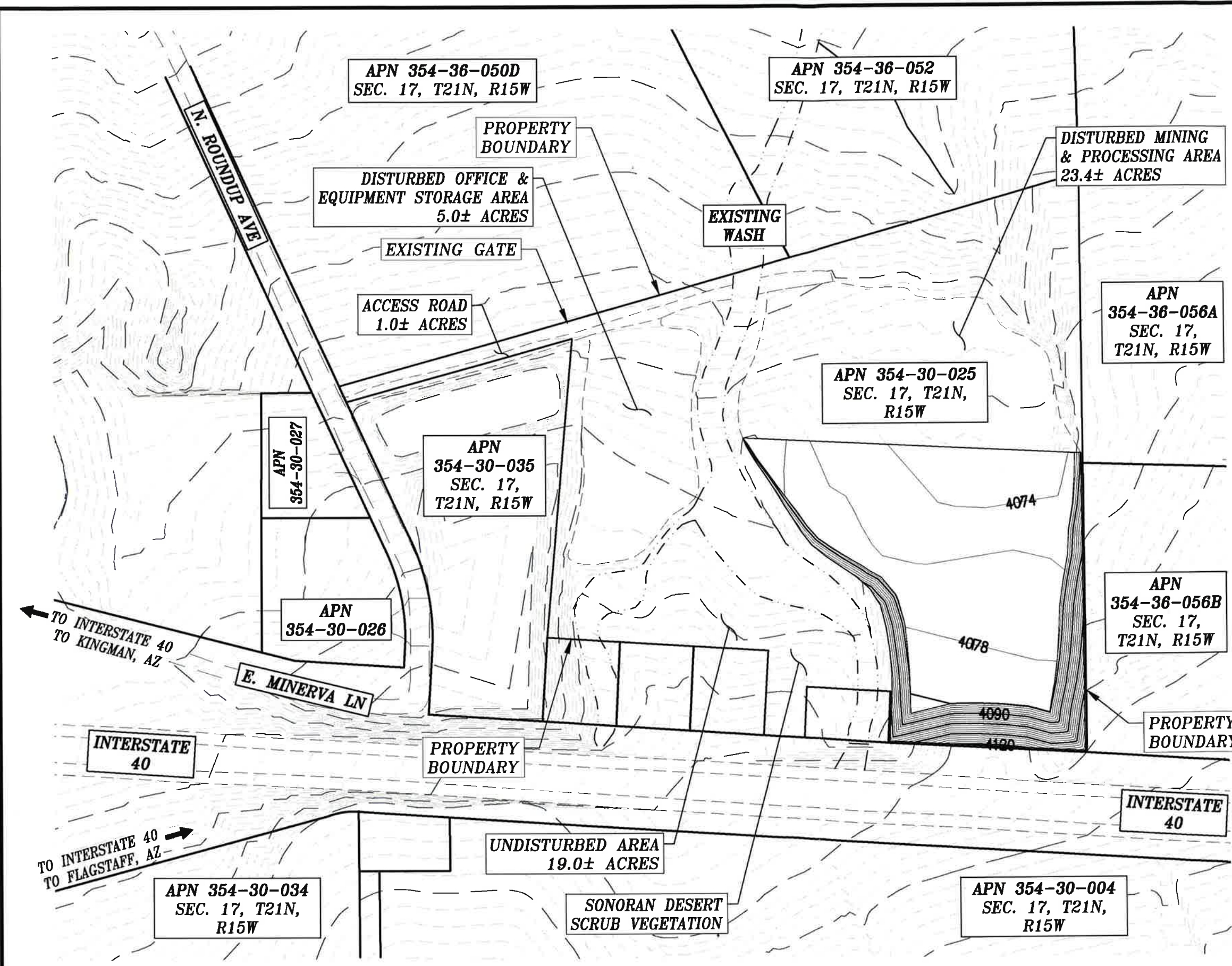
MINING AREA	- 23.4± ACRES
VOLUME	- 316,709± CY



SCALE: 1" = 300'

**RAYMOND W. STADLER P.E., R.L.S.**

2504 AIRFIELD COURT  
KINGMAN, ARIZONA 86401  
PHONE: (928) 753-8927 \* FAX (928) 753-4050











**FIGURE 4**

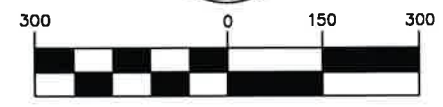
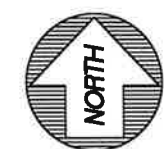
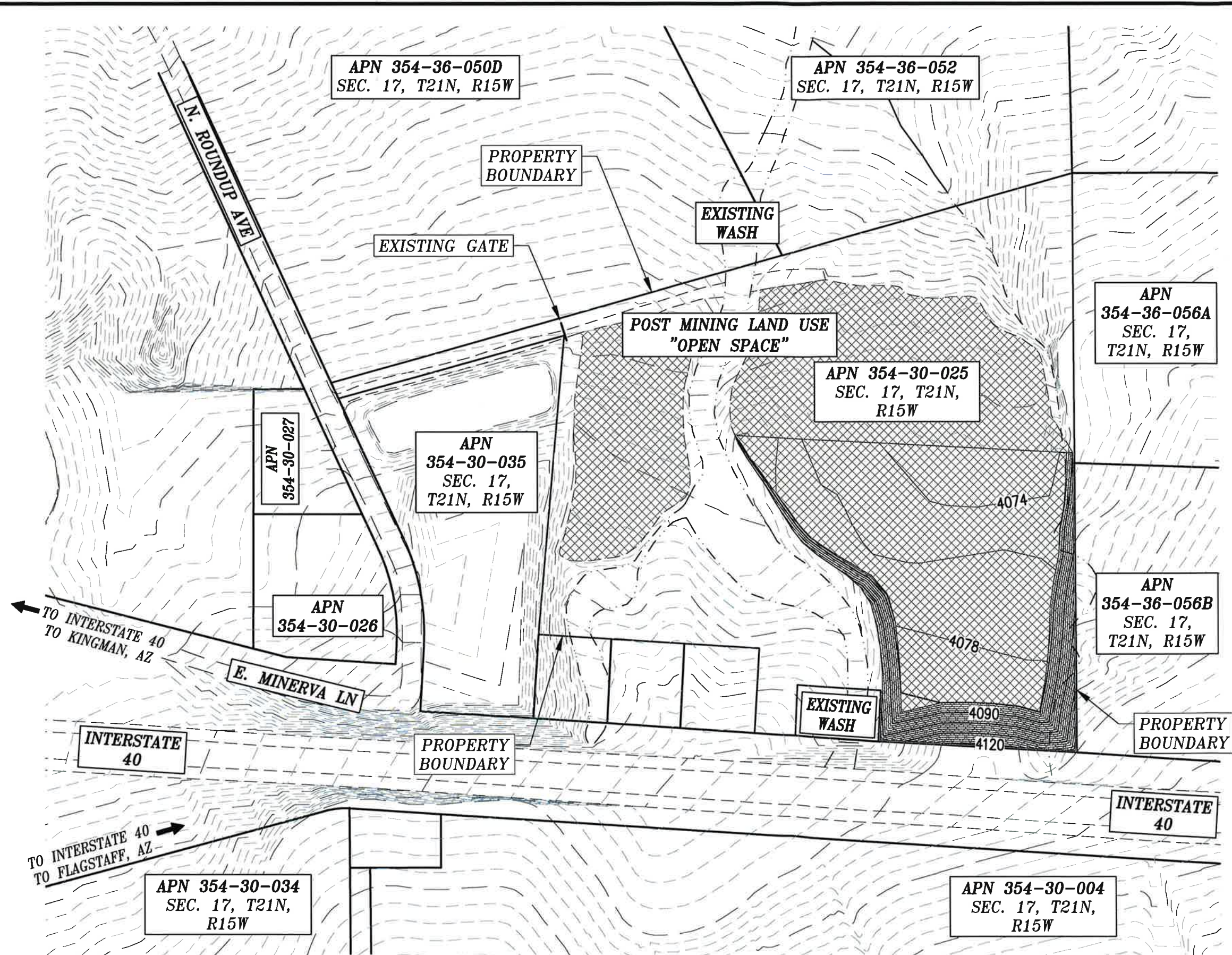
# JDI ENTERPRISES, LLC

## RECLAMATION & POST MINING LAND USE MAP "OPEN SPACE"

A PORTION OF SECTION 17,  
T-21N., R-15W,  
of the GILA & SALT RIVER  
BASE & MERIDIAN  
MOHAVE COUNTY, ARIZONA

### LEGEND

-  PROPERTY LINE
-  WASH LINE
-  ACCESS ROAD
-  EXISTING 10' CONTOURS
-  EXISTING 2' CONTOURS
-  PROPOSED 10' CONTOURS
-  PROPOSED 2' CONTOURS
-  SCARIFY LAND SURFACE



SCALE: 1" = 300'

**RAYMOND W. STADLER P.E., R.L.S.**  
2504 AIRFIELD COURT  
KINGMAN, ARIZONA 86401  
PHONE: (928) 753-8927 \* FAX (928) 753-4050

**FIGURE 5**

**APPENDIX 1**  
**RECLAMATION COST ESTIMATE**

## Reclamation Cost Estimate

### Reclamation Cost Estimate Methodology

Unit costs developed for this Reclamation & Closure Plan are based on ADOT-approved estimating sources. Equipment unit costs are based on Equipment Watch Rental Rate Blue Book, Davis Bacon published labor rates, along with estimated productivity for material movement based primarily on the Caterpillar Handbook (2022). ADOT uses this format and protocol for ADOT contractors.

Material volumes and surface areas have been calculated using the topographic base maps provided and plan projection of outlined areas. The pit contours are all 3:1 or flatter. Final reclamation will consist of scarifying all compacted traffic areas other than the access roads which will remain. No fuel will be stored onsite due to shallow groundwater table.

Administrative costs were based on industry-standardized contingency, professional fees to annually inspect and report, as well as indirect costs, contractor profit, and contract administration costs.

### Reclamation Cost Estimate Summary

Estimated costs developed for this Reclamation Plan are summarized below. Detailed breakdown for each reclamation activity follows.

Reclamation Activity	Units	Cost per Unit	Costs (\$)
<b>Direct Costs</b>			
Scarification	48.4 acres	105.05	5084.42
Trash Disposal	1	570.04	570.04
Subtotal			5,654.46
<b>Administrative Costs</b>			
Administrative Contingency		10%	565.45
Inspect & Report	1 year	3,000	3,000.00
Indirect Costs		2%	113.09
Contractor Profit		10%	565.45
Contract Administration		10%	565.45
Subtotal			4,809.44
Total			10,463.90

Task 1 - Equipment Watch - Rate for D5 Dozer

DATE: 6/12/2024

TASK: Ripping/scarifying compacted surfaces – 48.4 acres at 4 acres per hour

UNITS: acres

QUANT 48.4 acres 2 days (22.5 hours) TOTAL

D5 dozer 160-189 hp	\$1,035/day	\$2,070
Ripper	\$39/day	\$78
Estimated operating costs	\$61.26/hr	\$857.64
Total O & O cost		\$3,005.64
Transport To & From jobsite		
- Kingman local	\$900 ea. way	\$1,800

Labor from Davis Bacon rates - Yuma County ADOT job

14	hrs	Base rate	\$17.26 per hour	\$241.64
14	hrs	Fringes	\$2.65 per hour	\$37.10
0	hrs	No O/T expected		

Duration	2 days
Task Total	\$5,084.38

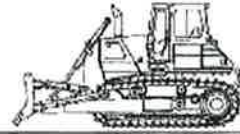
Price per acre for total 48.4 acres \$105.5

**Rental Rate Blue Book®**

June 13, 2024

**Caterpillar D5**  
Standard Crawler Dozers

Size Class:  
150 - 199 hp  
Weight:  
N/A



**Configuration for D5**

Dozer Type: Operator Protection  
VPAT: IROPS  
Horsepower Power Mode: 179.0 hp Diesel

**Blue Book Rates**

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

Published Rates	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$14,785.00	USD \$4,145.00	USD \$1,036.00	USD \$155.00	USD \$61.26	USD \$145.32
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)						
<b>Total:</b>	<b>USD \$14,785.00</b>	<b>USD \$4,145.00</b>	<b>USD \$1,036.00</b>	<b>USD \$155.00</b>	<b>USD \$61.26</b>	<b>USD \$145.32</b>

**Non-Active Use Rates**

	Hourly
Standby Rate	USD \$44.56
Idling Rate	USD \$108.29

**Rate Element Allocation**

Element	Percentage	Value
Depreciation (ownership)	30%	USD \$4,438.50/mo
Overhaul (ownership)	47%	USD \$6,963.85/mo
CFC (ownership)	13%	USD \$1,923.35/mo
Indirect (ownership)	10%	USD \$1,479.50/mo
Fuel (operating) @ USD 4.03	39.59%	USD \$24.23/hr

Revised Date: 2nd quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

Rental Rate Blue Book®

June 13, 2024

Miscellaneous MSR-84H  
Crawler Tractor Multi-Shank Rippers

Size Class:  
To 200 hp  
Weight:  
1044 lbs



Configuration for MSR-84H

Horsepower: 84.0 hp  
Ripper Type: Radial  
Number Of Shanks: 3  
Power Mode: Hydraulic

Blue Book Rates

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly USD \$2.42	FHWA Rate** Hourly USD \$5.60
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$560.00	USD \$156.00	USD \$39.00	USD \$6.00		
Adjustments						
Region ( 100%)	-	-	-	-		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					USD \$2.42	
<b>Total:</b>	<b>USD \$560.00</b>	<b>USD \$156.00</b>	<b>USD \$39.00</b>	<b>USD \$6.00</b>	<b>USD \$2.42</b>	<b>USD \$5.60</b>

Non-Active Use Rates

	Hourly
Standby Rate	USD \$2.31
Idling Rate	USD \$3.11

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	51%	USD \$285.60/mo
Overhaul (ownership)	27%	USD \$151.20/mo
CFC (ownership)	10%	USD \$56.00/mo
Indirect (ownership)	12%	USD \$67.20/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2024

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The equipment represented in this report has been exclusively prepared for Bronson Barson (bbarson@fisherind.com)



Task 2 - Equipment Watch - Rate for Truck with Trailer

DATE: 6/25/2024

TASK: Miscellaneous Trash Removal – 1 pickup truck with trailer

UNITS: 1 load

QUANT	1 load	0.5 days (4 hours)	TOTAL
Truck		\$14/hour	\$196
Estimated operating costs		\$25.83/hr	\$103.32
Trailer		\$34/hour	\$136
Estimated operating costs		\$7.52/hour	\$30.08
Total O & O cost			\$465.40

Labor from Davis Bacon rates - Yuma County ADOT job

4	hrs	Base rate	\$17.26 per hour	\$ 69.04
4	hrs	Fringes	\$2.65 per hour	\$ 10.60
0	hrs	No O/T expected		

Trash disposal fee (Yuma County landfill): 1 load \$25

Duration 0.5 days  
Task Total \$ 570.04

Price per acre for total 1 load \$570.04