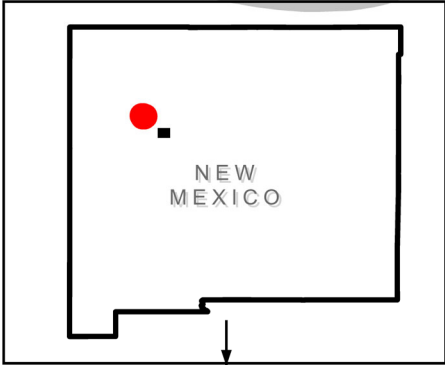
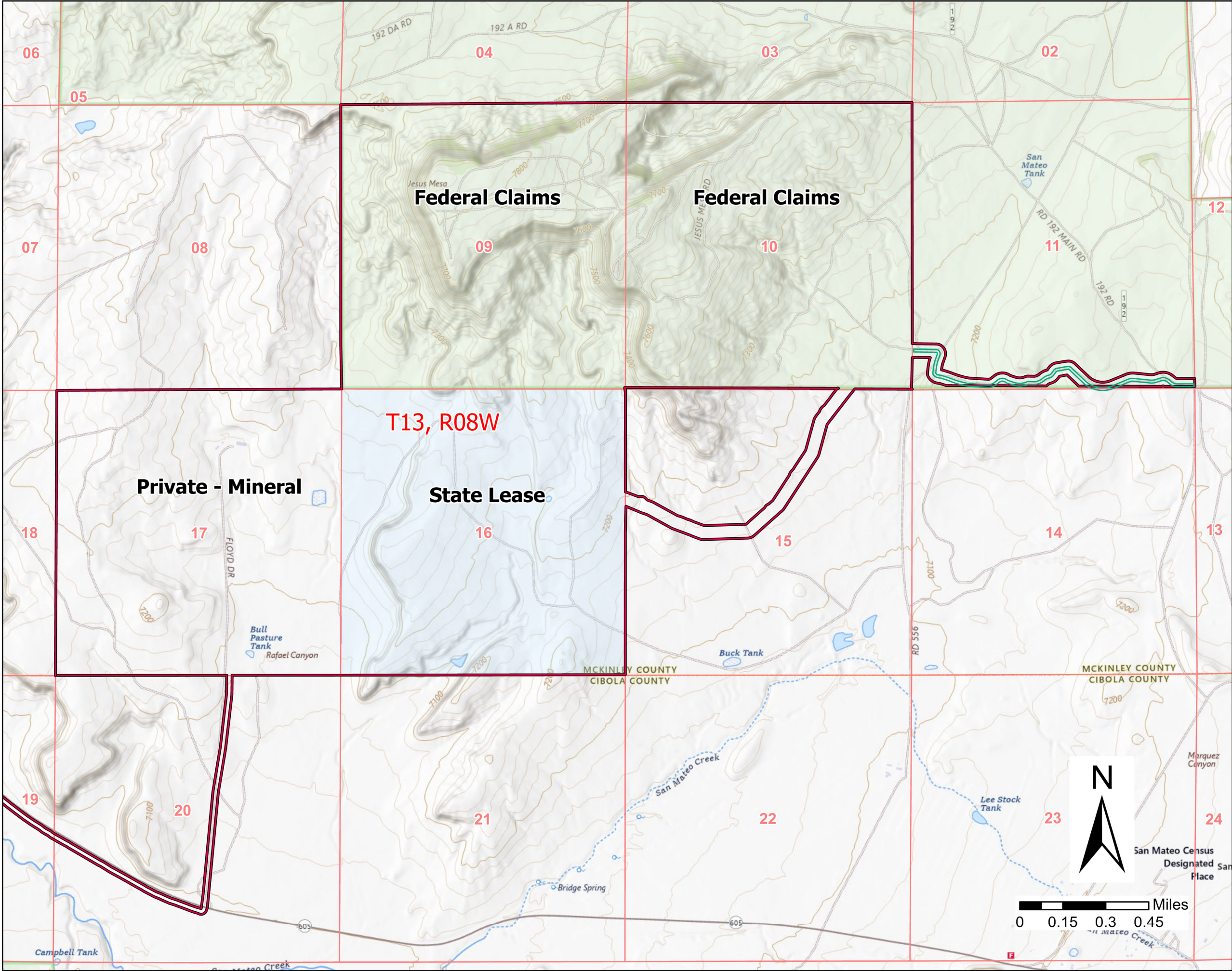




	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

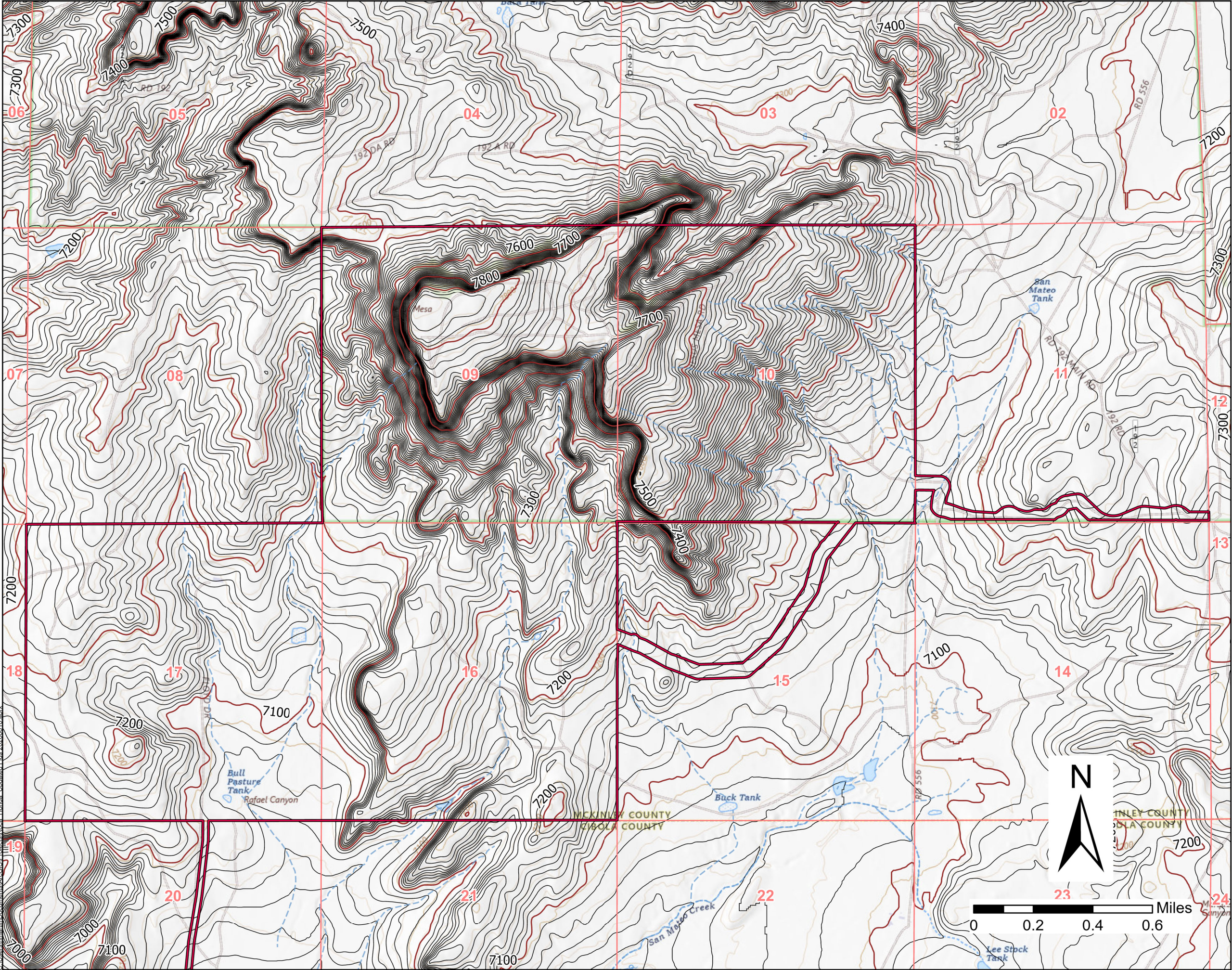
Legend

- Roca Honda Project Area
- Section Line
- State
- U.S. Forest Service
- Access Road (Re-Establish)

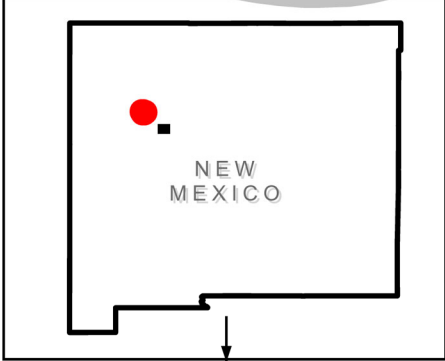
ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Project Area Mineral/Ownership Map
McKinley County, New Mexico

Figure No.: 01	Drafting: NBM	Scale:
Date: 8/10/2026	Revision: 3	Rev. Date: 8/17/2026



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems: U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HII; NOAA National Centers for Environmental Information. Data refreshed October 27, 2025-v2.1



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

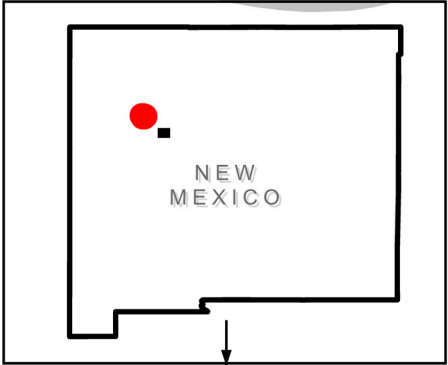
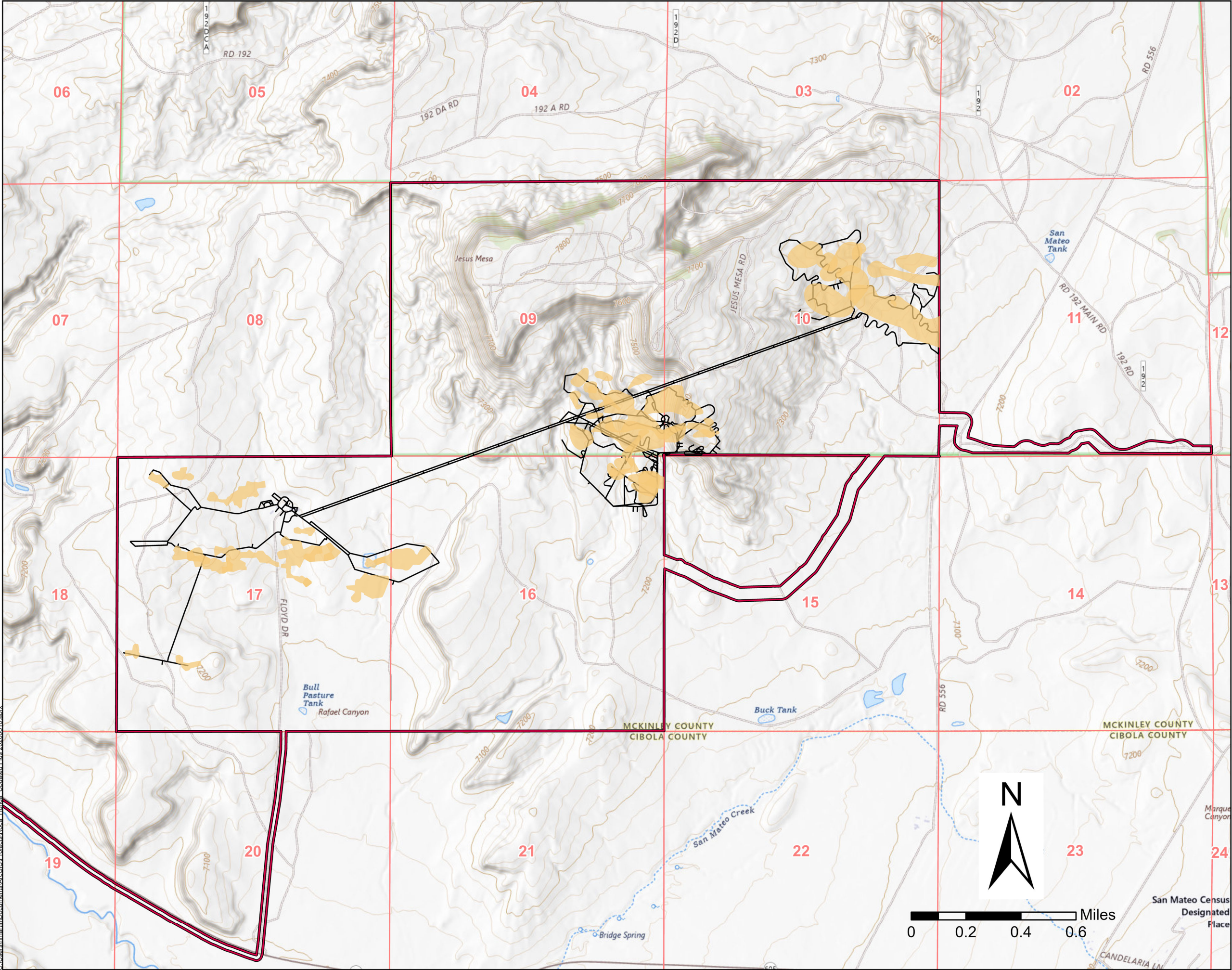
Legend

- Roca Honda Project Area
- Natural Drainage Arroyo
- Contour - 10 ft.
- Contour - 100 ft.
- Section Line

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Pre-Mine Topographic Map McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
02	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

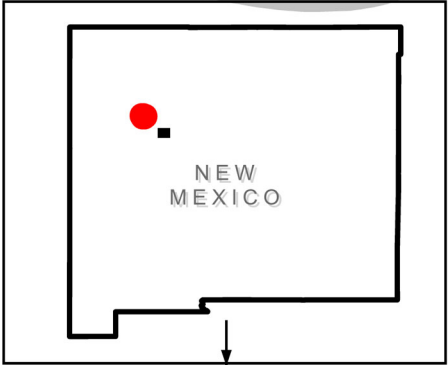
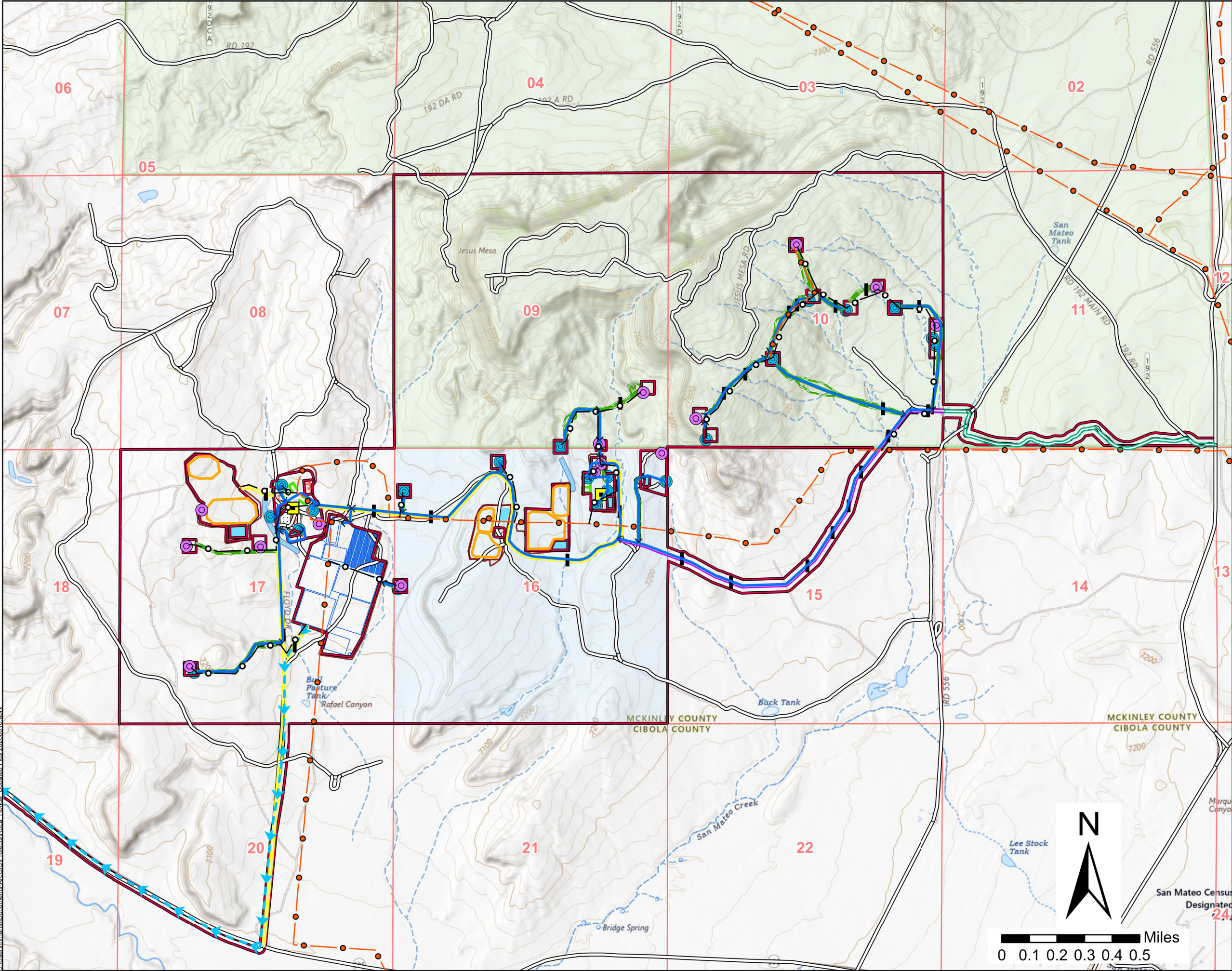
Legend

- Roca Honda Project Area
- Underground Workings
- Section Line
- Ore Body

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Location of Ore Bodies
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
03	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area
State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

Legend

- Powerline - Buried (New)

Powerline - Pole Structure (Existing)

Dewatering Pipeline

Culvert Location

Production Shaft

Vent Shaft

Dewatering Well

Vent/Dewatering Well (to be Constructed)

Access/Utility Corridor (to be Constructed)

Haul Road (to be Constructed)

Access Road (Re-Establish)

Stockpile

Fence

Unnamed Road (Existing Roads)

Roca Honda Project Area

Discharge Pipeline

Natural Drainage Arroyo

Diversion Channel

Retention Pond

Graded Pad

Vent Shaft Pad

Dewatering Pad

Water Treatment Plant

Ore Bay

Parking

Section Line

Building

Explosive Storage

State

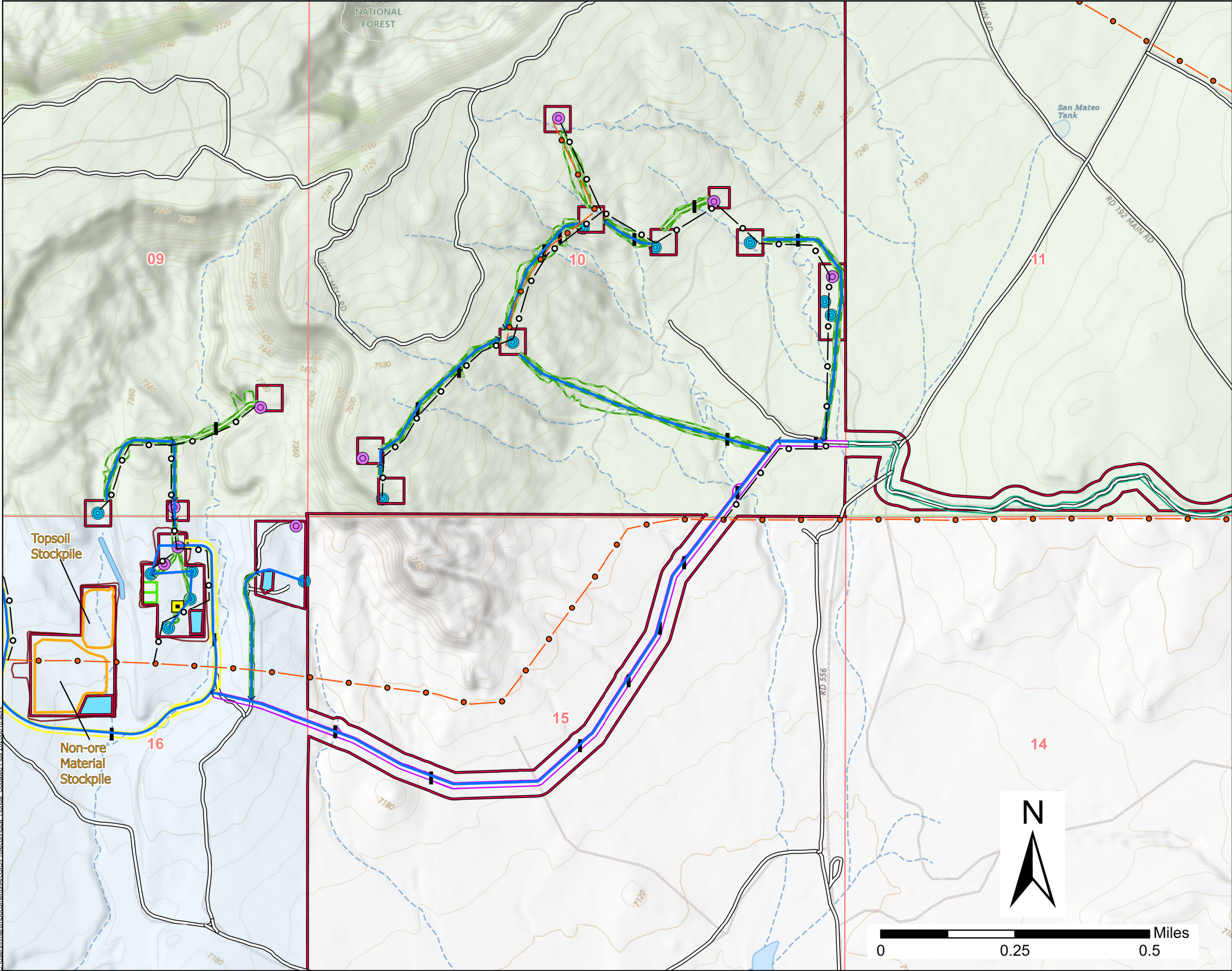
U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

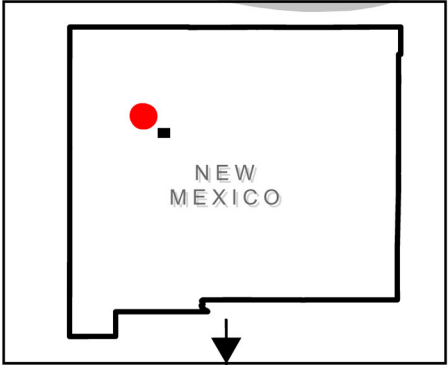
**Roca Honda Mine Surface Facilities
and Project Area
McKinley County, New Mexico**

Figure No.: 04	Drafting: NBM	Scale:
Date: 8/10/2026	Revision: 3	Rev. Date: 8/17/2026

C:\Users\martin\Documents\Projects\Roca Honda\Updated Figs 20260810.aprx



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and



Black Outline Denotes Project Area
State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

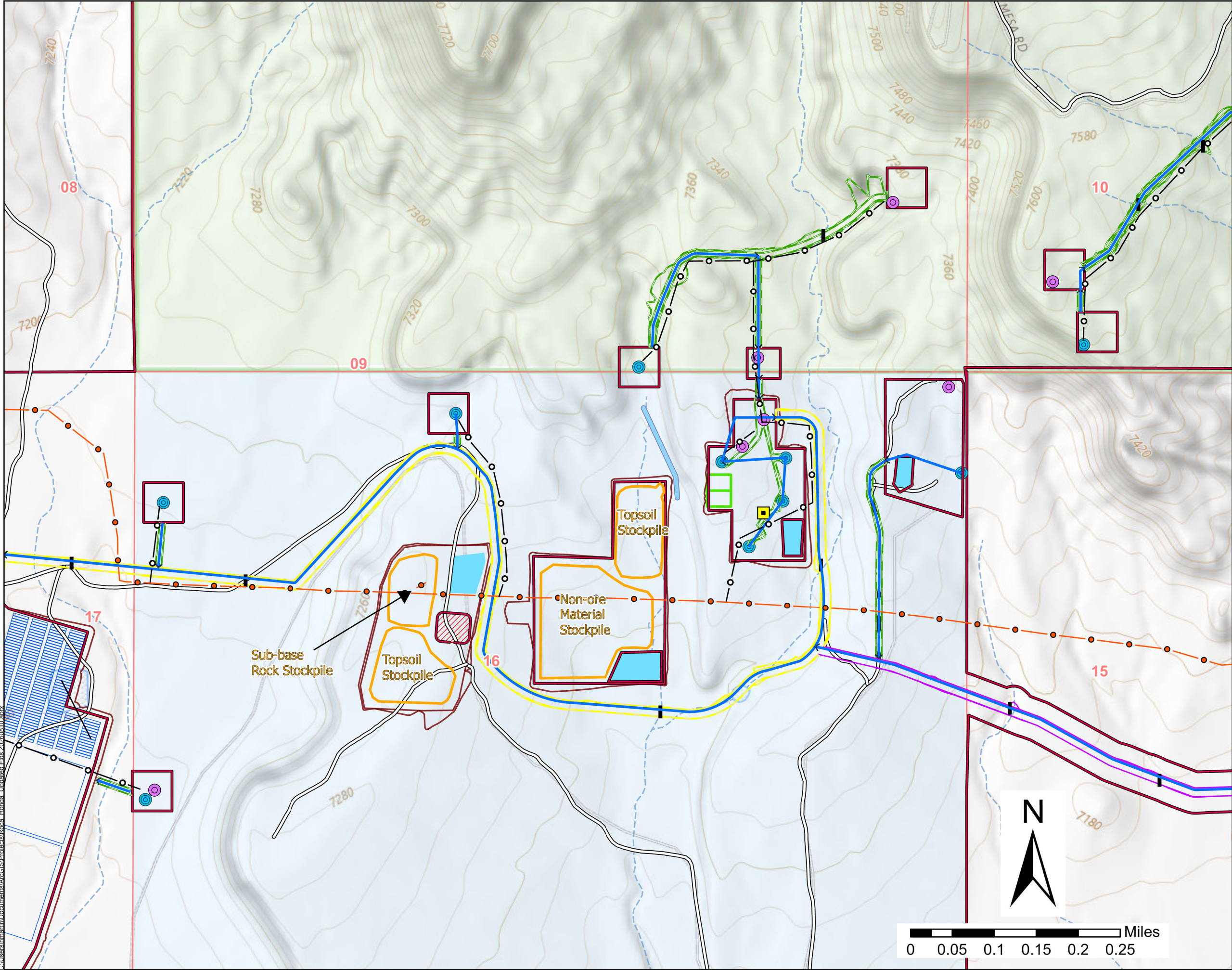
Legend

- Powerline - Buried (New)
- Powerline - Pole Structure (Existing)
- Dewatering Pipeline
- Culvert Location
- Production Shaft
- Vent Shaft
- Dewatering Well
- Vent/Dewatering Well Access Road (to be Constructed)
- Access/Utility Corridor (to be Constructed)
- Haul Road (to be Constructed)
- Access Road (Re-Establish)
- Stockpile
- Fence
- Unnamed Road (Existing Roads)
- Roca Honda Project Area
- Discharge Pipeline
- Natural Drainage Arroyo
- Diversion Channel
- Retention Pond
- Explosive Storage
- Graded Pad
- Vent Shaft Pad
- Dewatering Pad
- Water Treatment Plant
- Ore Bay
- Parking
- Section Line
- Building
- State
- U.S. Forest Service

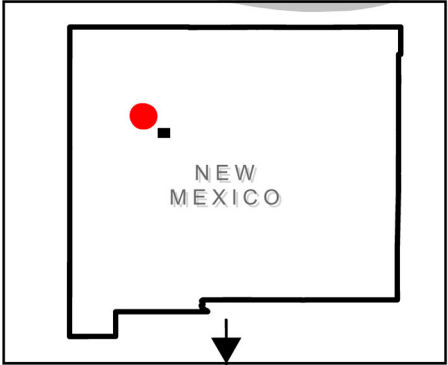
ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Section 10 & 15 Surface Facility Layout
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
05	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and



		R09W	R08W	
T14N	36	31	32	33
T13N	1	6	5	4
	12	7	8	9
	13	18	17	16
	24	19	20	21

Black Outline Denotes Project Area
State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

Legend

- Powerline - Buried (New)

Powerline - Pole Structure (Existing)

Dewatering Pipeline

Culvert Location

Production Shaft

Vent Shaft

Dewatering Well

Vent/Dewatering Well

Access Road (to be Constructed)

Access/Utility Corridor (to be Constructed)

Haul Road (to be Constructed)

Access Road (Re-Establish)

Stockpile
- Fence

Unnamed Road (Existing Roads)

Roca Honda Project Area

Natural Drainage Arroyo

Discharge Pipeline

Diversion Channel

Explosive Storage

Retention Pond

Graded Pad

Vent Shaft Pad

Dewatering Pad

Water Treatment Plant

Ore Bay

Parking

Building

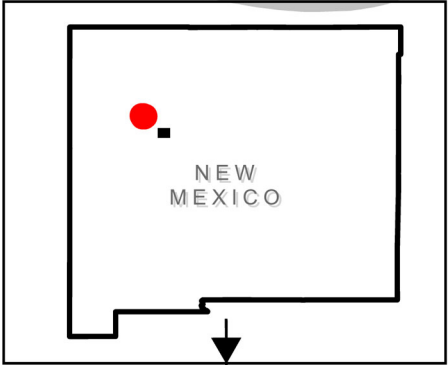
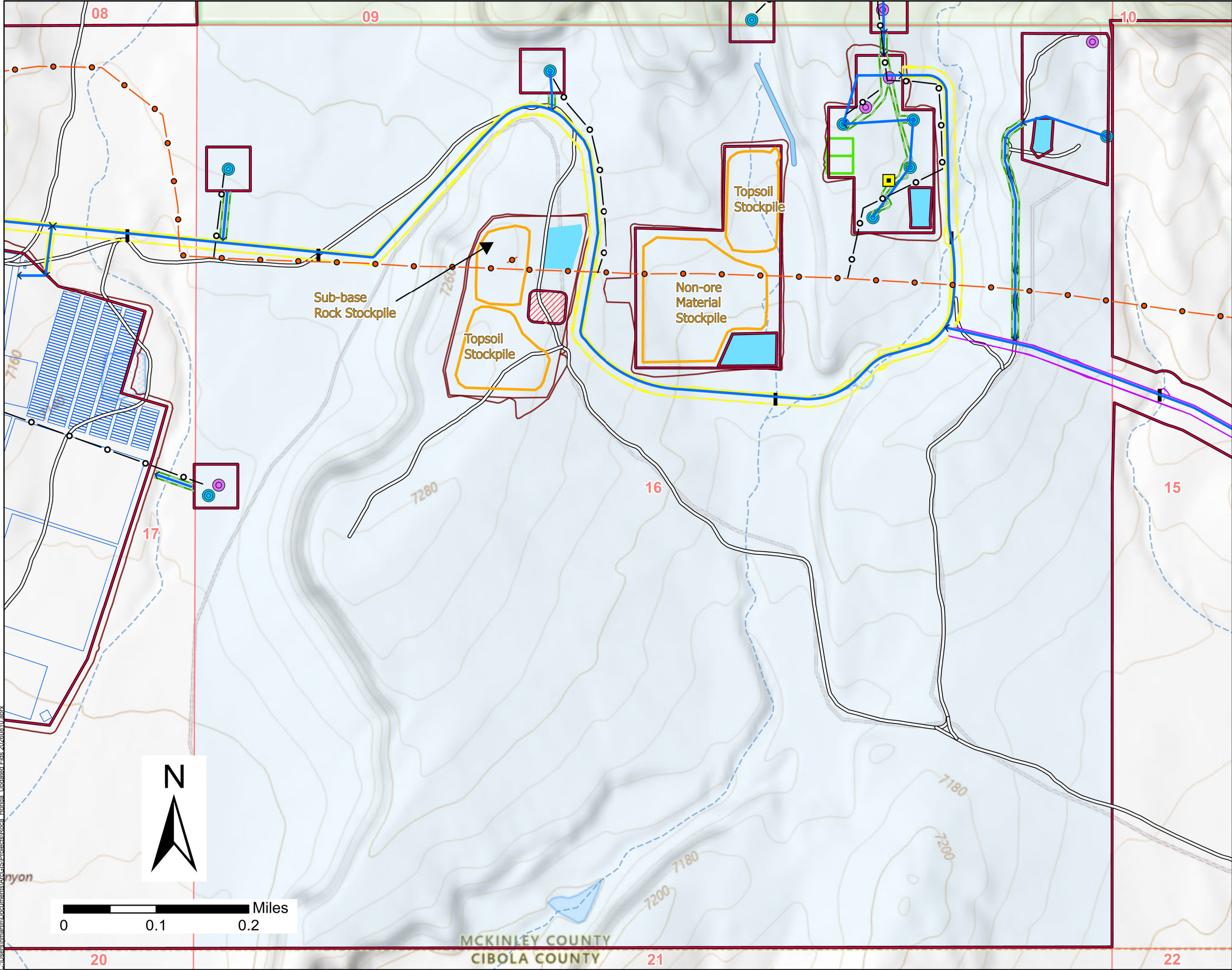
State

U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Section 9 & 16 Surface Facility Layout
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
06	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



		R09W	R08W	
T14N	36	31	32	33
T13N	1	6	5	4
	12	7	8	9
	13	18	17	16
	24	19	20	21

Black Outline Denotes Project Area
State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

Legend

- Powerline - Buried (New)

Powerline - Pole Structure (Existing)

Dewatering Pipeline

Natural Drainage Arroyo

Culvert Location

Production Shaft

Vent Shaft

Dewatering Well

Vent/Dewatering Well (to be Constructed)

Access/Utility Corridor (to be Constructed)

Haul Road (to be Constructed)

Access Road (Re-Establish)
- Stockpile

Fence

Unnamed Road (Existing Roads)

Roca Honda Project Area

Discharge Pipeline

Diversion Channel

Explosive Storage

Retention Pond

Graded Pad

Vent Shaft Pad

Dewatering Pad

Water Treatment Plant

Ore Bay

Parking

Building

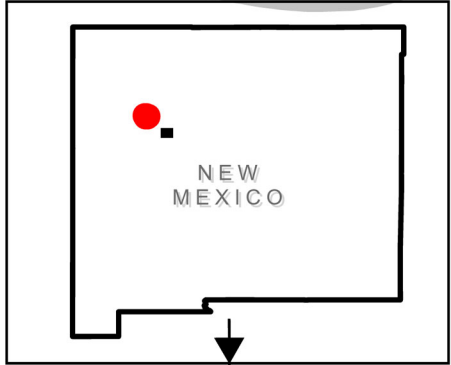
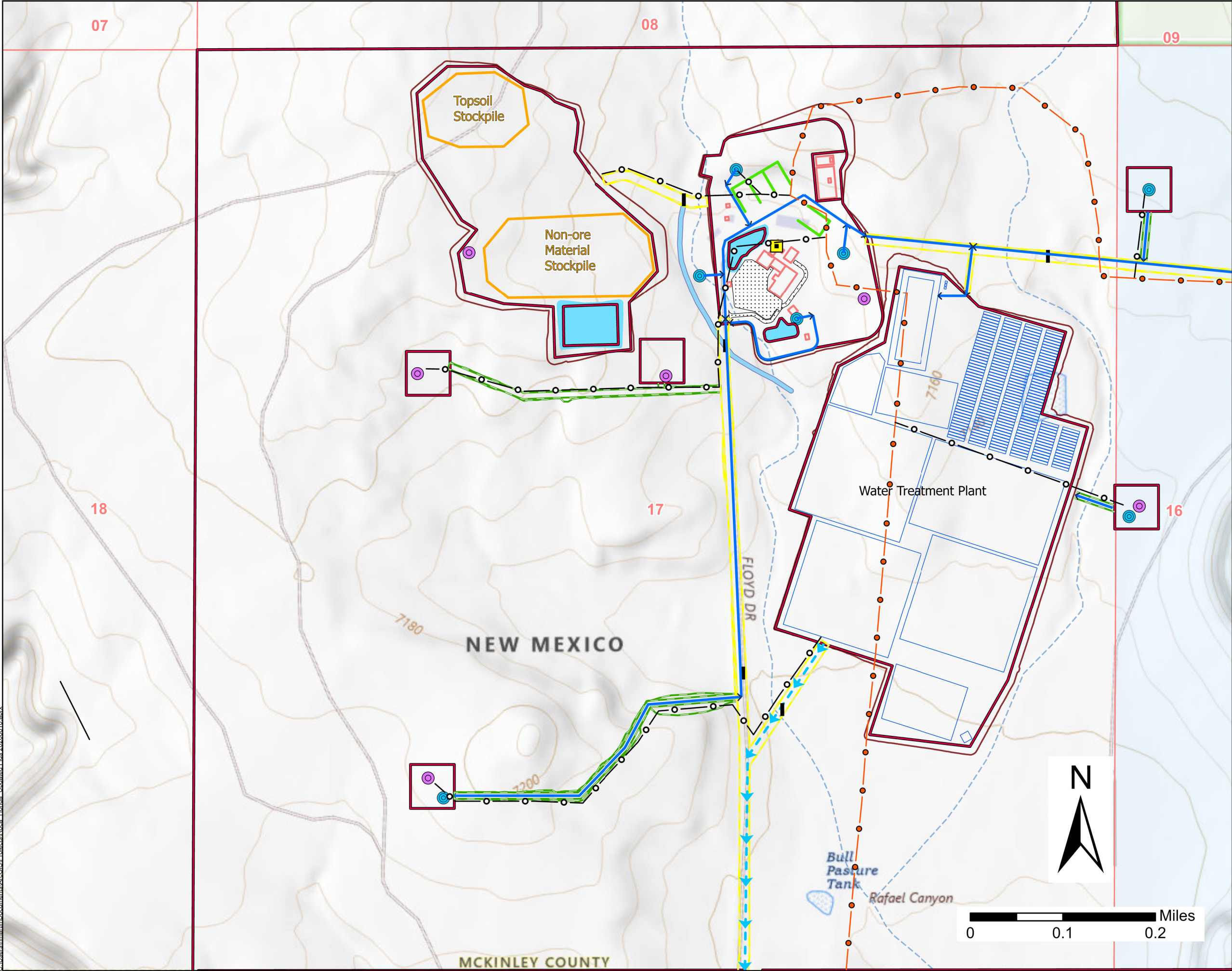
State

U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Section 16 Surface Facility Layout
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
07	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



R09W		R08W			
T14N	36	31	32	33	34
T13N	1	6	5	4	3
	12	7	8	9	10
	13	18	17	16	15
	24	19	20	21	22

Black Outline Denotes Project Area
State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

Legend

- Culvert Location

Powerline - Buried (New)

Powerline - Pole Structure (Existing)

Dewatering Pipeline

Production Shaft

Vent Shaft

Dewatering Well

Vent/Dewatering Well

Access Road (to be Constructed)

Access/Utility Corridor (to be Constructed)

Haul Road (to be Constructed)

Access Road (Re-Establish)

Stockpile
- Fence

Natural Drainage Arroyo

Roca Honda Project Area

Discharge Pipeline

Diversion Channel

Retention Pond

Explosive Storage

Graded Pad

Dewatering Pad

Water Treatment Plant

Ore Bay

Parking

Building

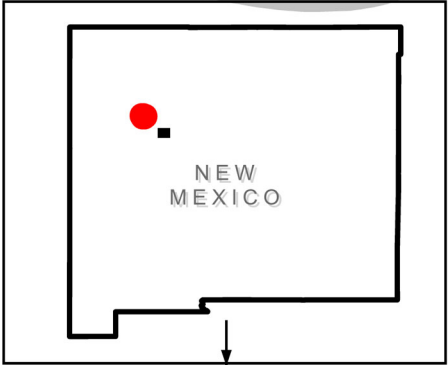
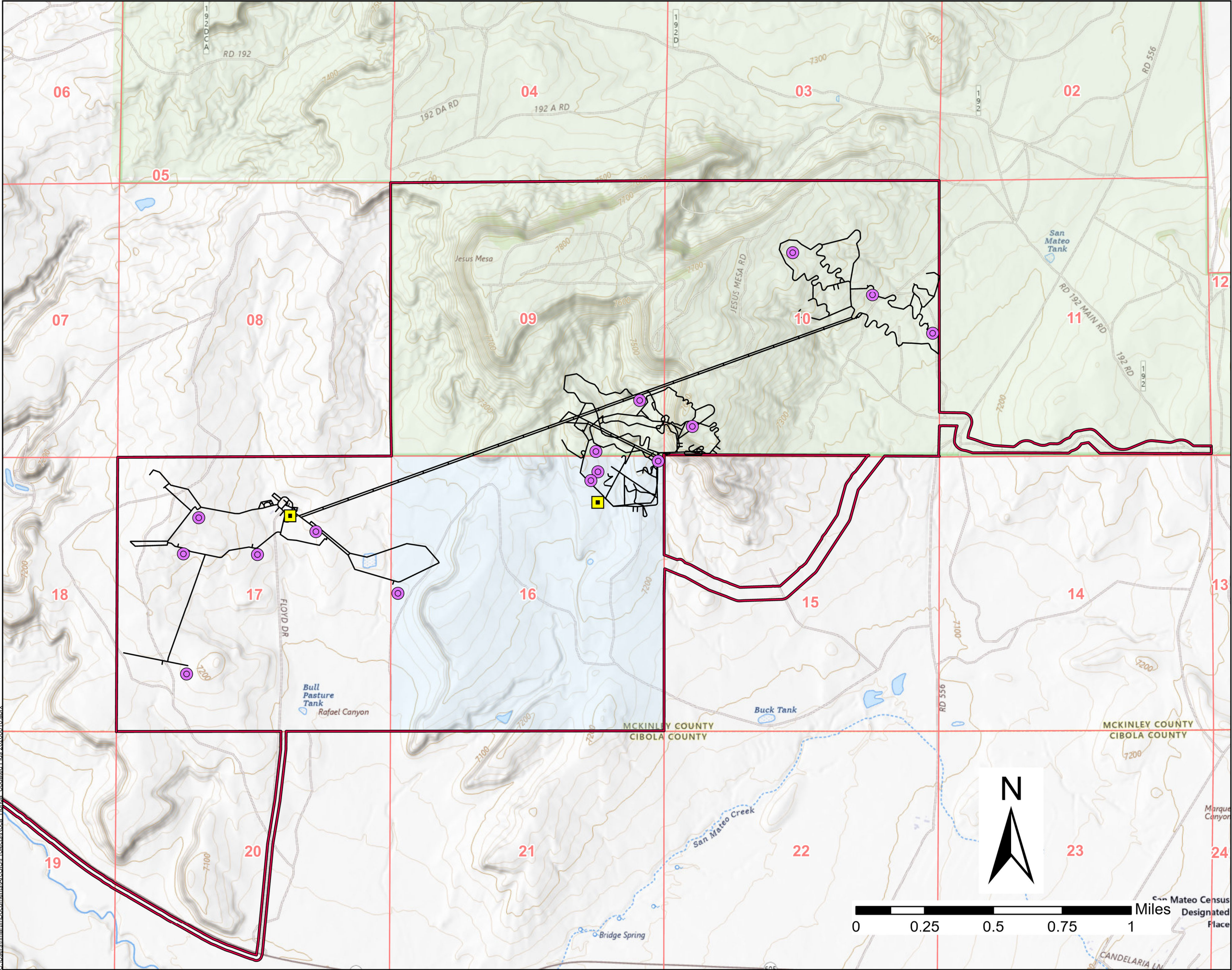
State

U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Section 17 Surface Facility Layout
McKinley County, New Mexico

Figure No.: 08	Drafting: NBM	Scale:
Date: 8/10/2026	Revision: 3	Rev. Date: 8/17/2026



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

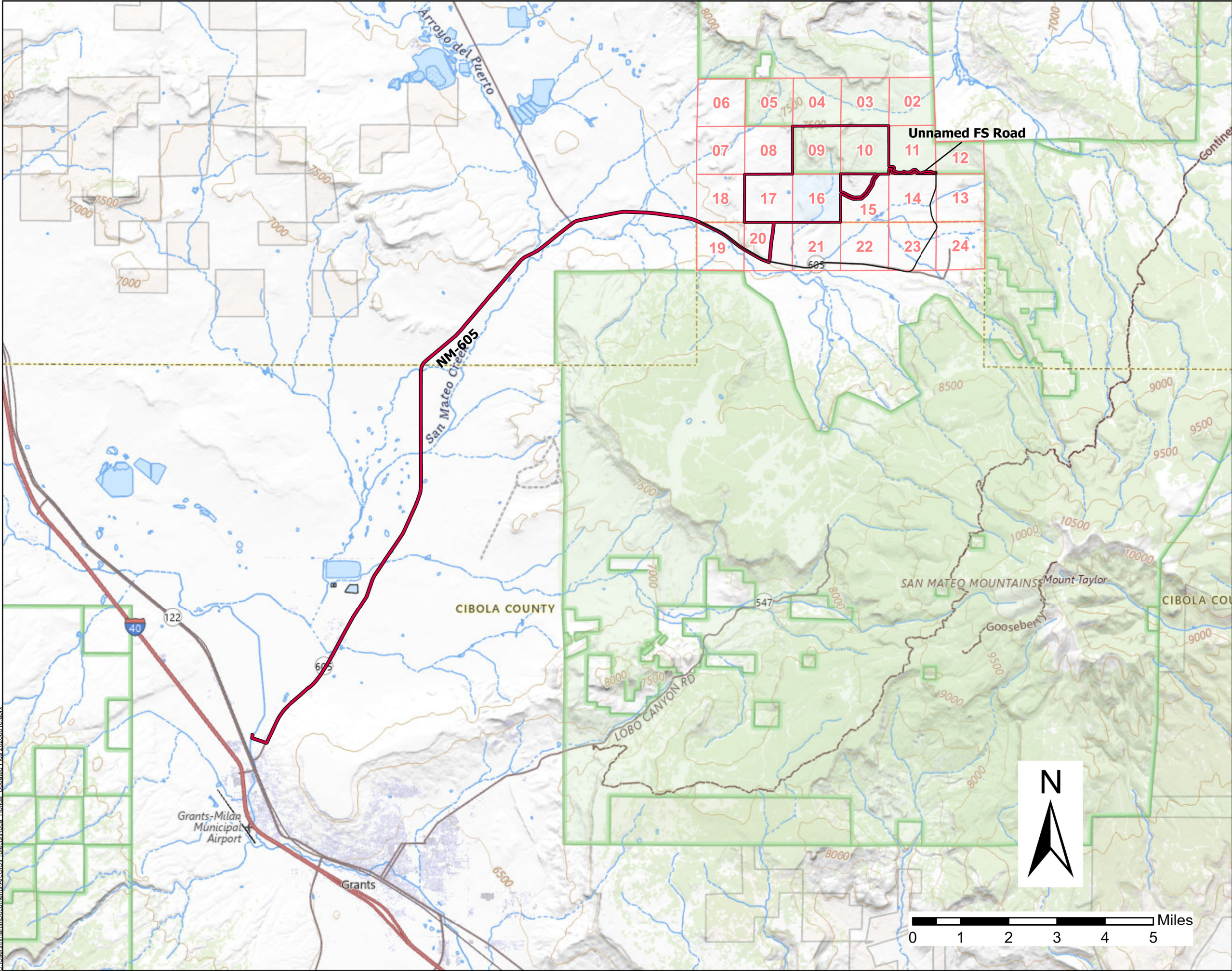
Legend

- Production Shaft
- Vent Shaft
- Roca Honda Project Area
- Underground Workings
- Section Line
- State
- U.S. Forest Service

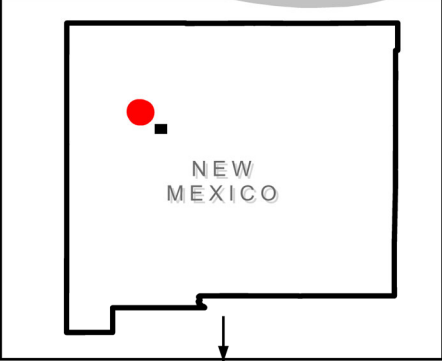
ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Underground Mine General Layout
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
09	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

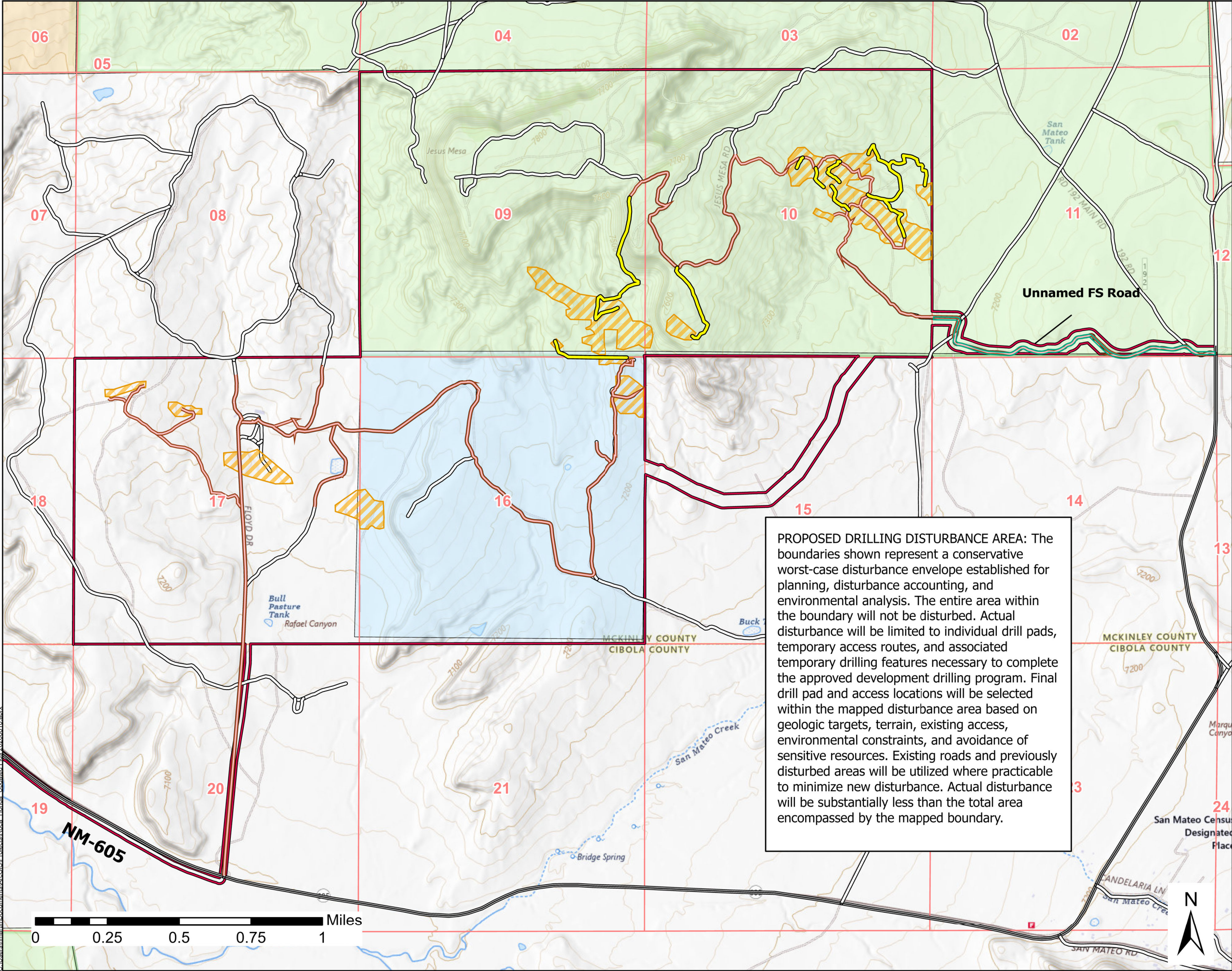
Legend

- Roca Honda Project Area
- Section Line
- State
- U.S. Forest Service

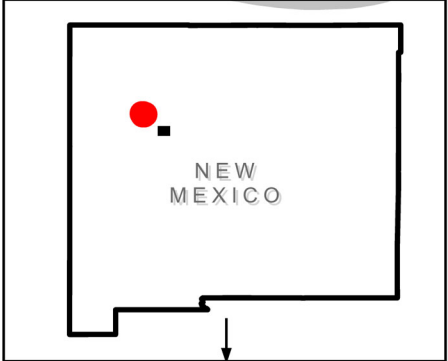
ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Mine Access Map
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
10	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



PROPOSED DRILLING DISTURBANCE AREA: The boundaries shown represent a conservative worst-case disturbance envelope established for planning, disturbance accounting, and environmental analysis. The entire area within the boundary will not be disturbed. Actual disturbance will be limited to individual drill pads, temporary access routes, and associated temporary drilling features necessary to complete the approved development drilling program. Final drill pad and access locations will be selected within the mapped disturbance area based on geologic targets, terrain, existing access, environmental constraints, and avoidance of sensitive resources. Existing roads and previously disturbed areas will be utilized where practicable to minimize new disturbance. Actual disturbance will be substantially less than the total area encompassed by the mapped boundary.



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

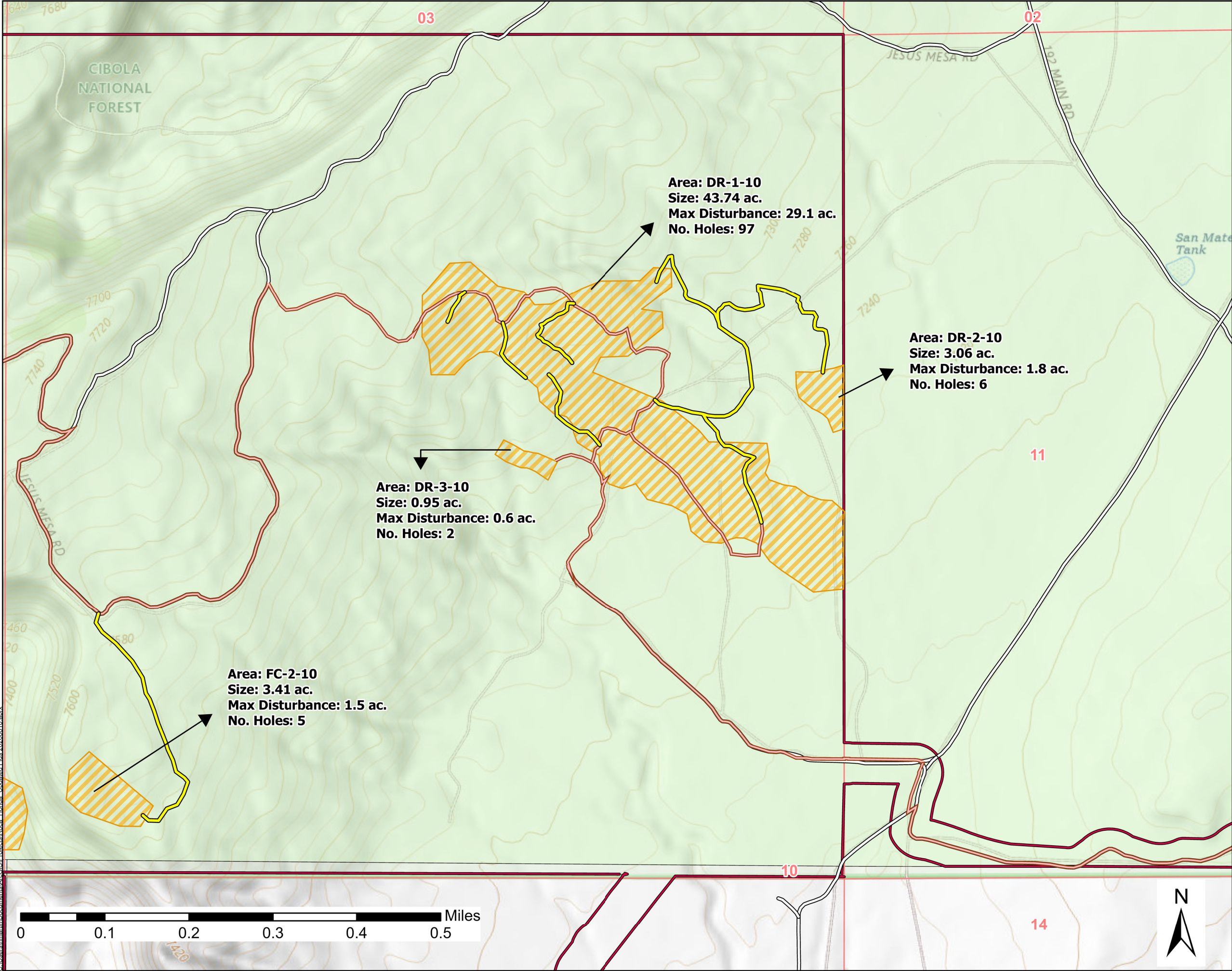
Legend

- Unnamed Road (Existing Roads)
- Pre-Mining Access Road (Rehab Primitive Road)
- Drilling Access Roads (Existing)
- Roca Honda Project Area
- ▨ Development Drilling - Max Disturbance Envelope
- State
- U.S. Forest Service
- Access Road (Re-Establish)

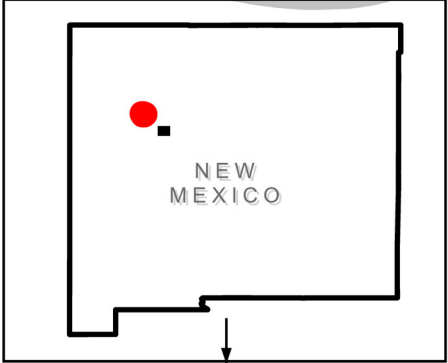
ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

**Proposed Drilling Overview Map
McKinley County, New Mexico**

Figure No.:	Drafting:	Scale:
11	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

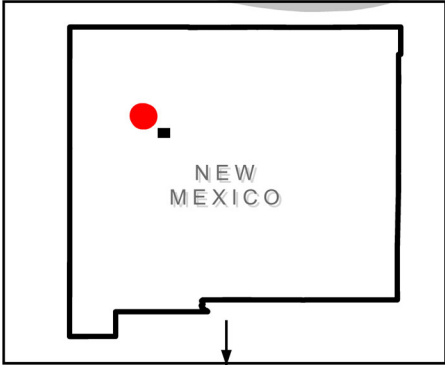
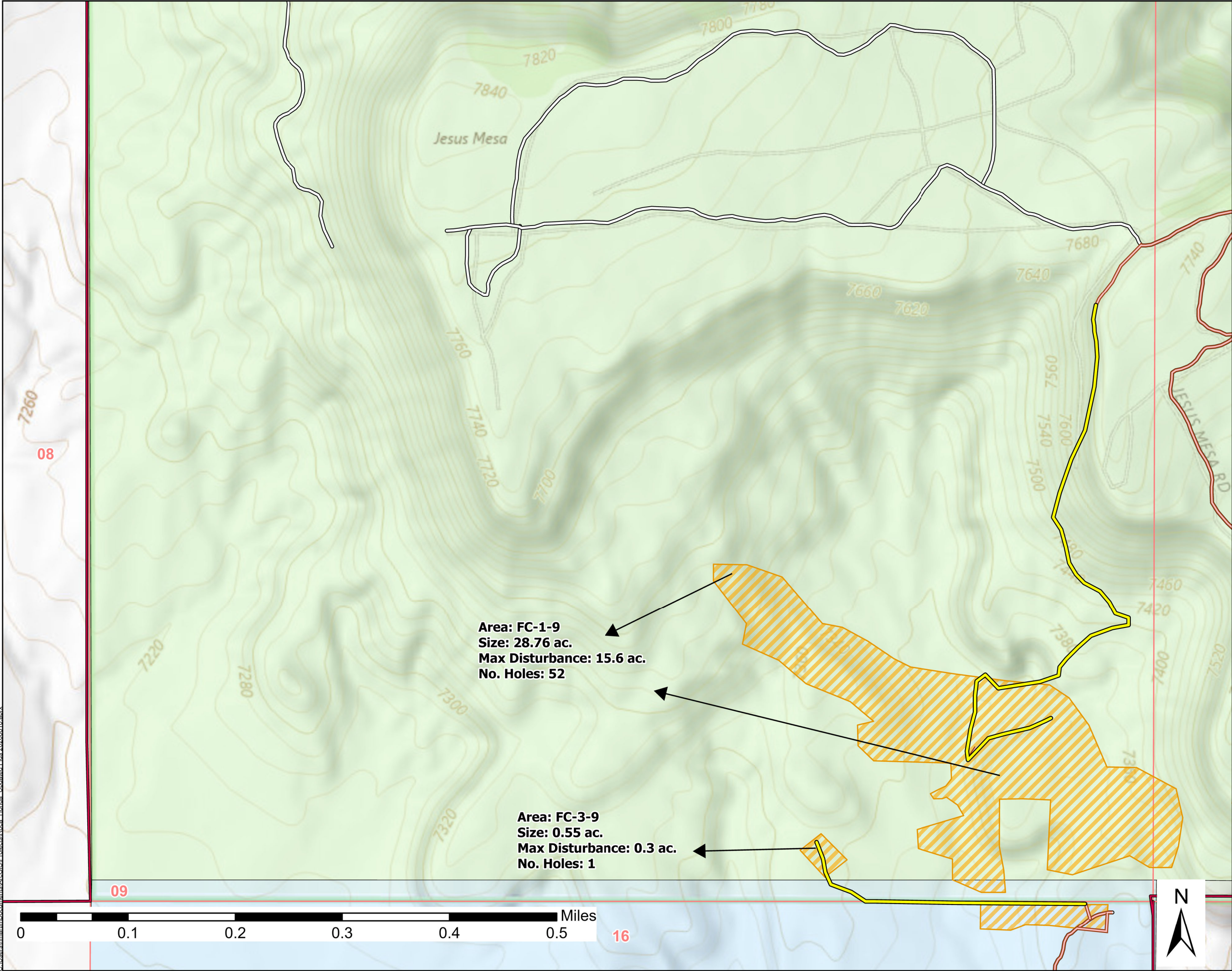
Legend

- Pre-Mining Access Road
(Rehab Primitive Road)
- Drilling Access Roads
(Existing)
- Unnamed Road
(Existing Roads)
- Roca Honda Project
Area
- Development Drilling -
Max Disturbance
Envelope
- State
- U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Sect. 10 & 11
Proposed Drilling Disturbance Map
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
12	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



R09W	R08W					
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

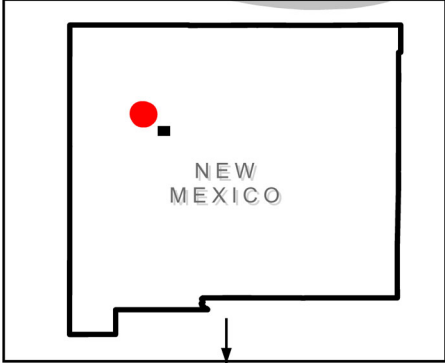
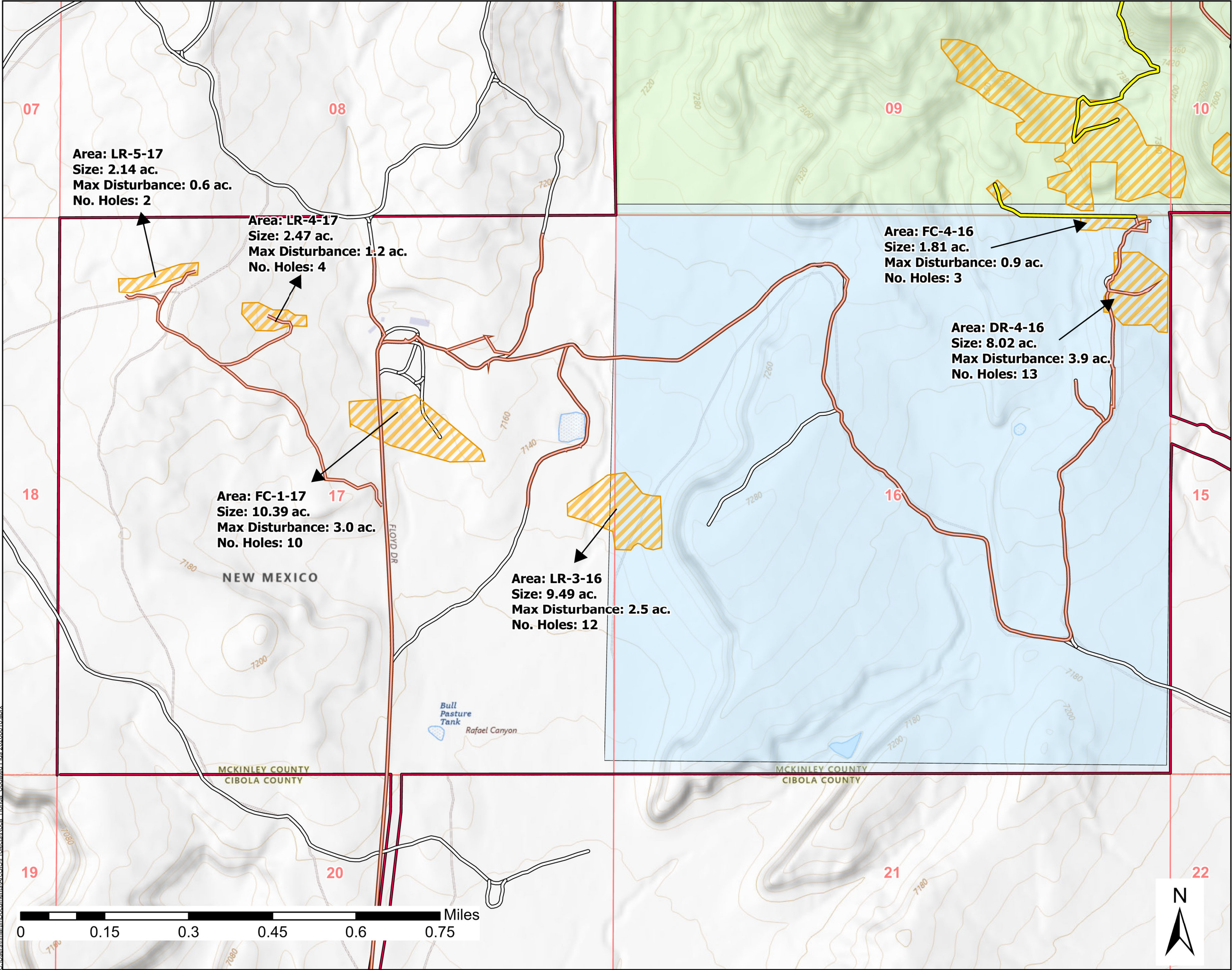
Legend

- Pre-Mining Access Road
(Rehab Primitive Road)
- Drilling Access Roads
(Existing)
- Unnamed Road
(Existing Roads)
- Roca Honda Project
Area
- Development Drilling -
Max Disturbance
Envelope
- State
- U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Sect. 9
Proposed Drilling Disturbance Map
McKinley County, New Mexico

Figure No.: 13	Drafting: NBM	Scale:
Date: 8/10/2026	Revision: 3	Rev. Date: 8/17/2026



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

Legend

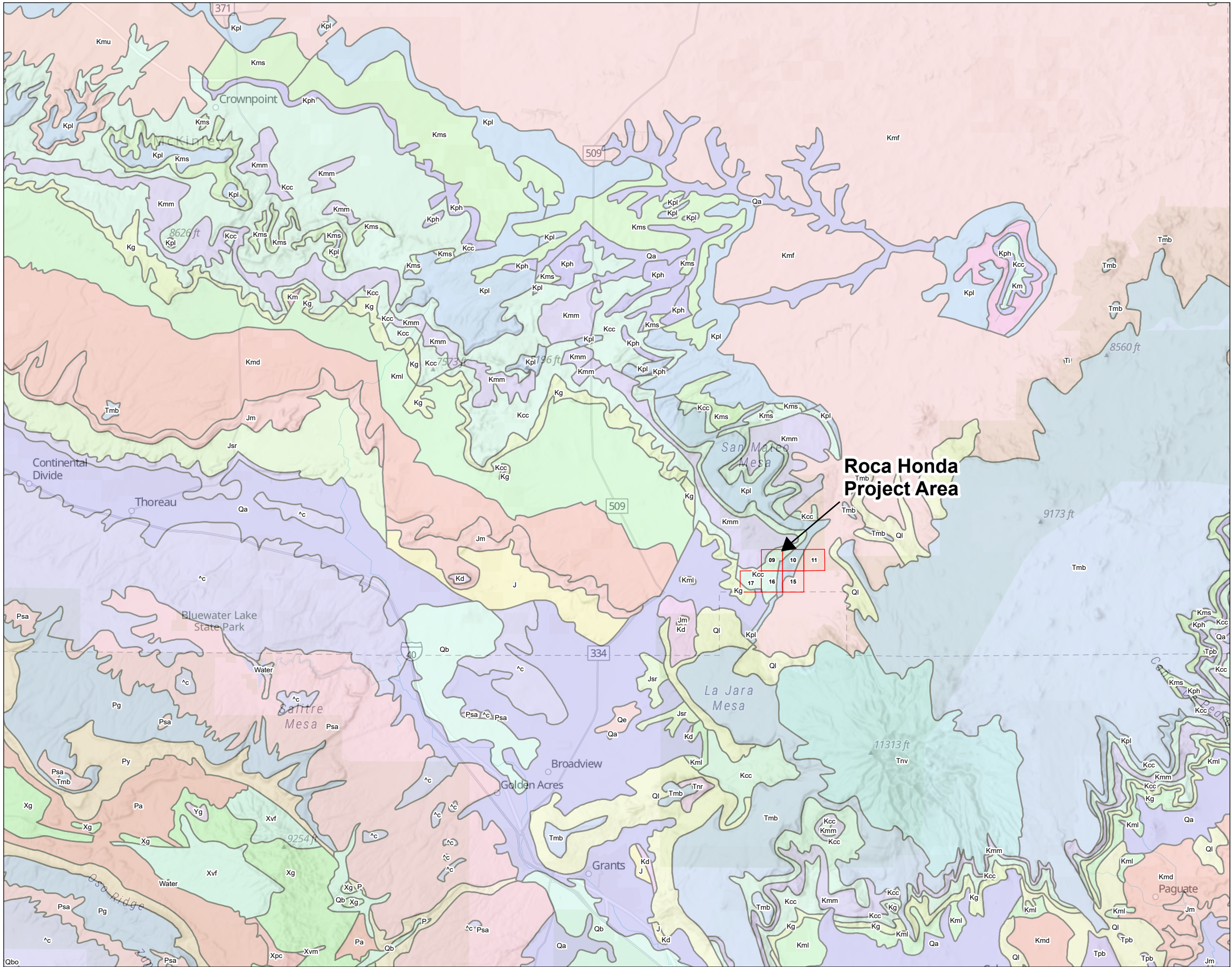
- Pre-Mining Access Road (Rehab Primitive Road)
- Drilling Access Roads (Existing)
- Unnamed Road (Existing Roads)
- Roca Honda Project Area
- Development Drilling - Max Disturbance Envelope
- State
- U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Sect. 16 & 17
Proposed Drilling Disturbance Map
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
14	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026

U:\1829\1829256151_ArcPro\Roca Honda\Roca Honda_August 5.aprx RH_15_Regional Geologic Map_11x17 Revised: 2026-04-24 By: DSCHOLUS



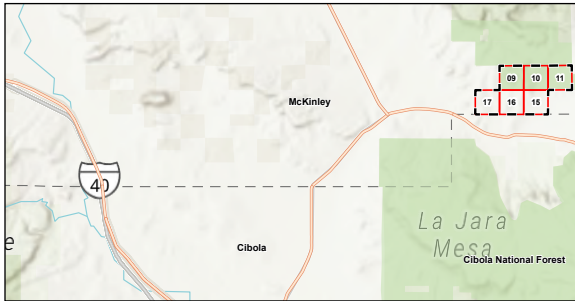
Legend

	Section Line		Kms		QI
Geologic Unit ID			Kmu		Ti
	J		Kph		Tmb
	Jm		Kpl		Tnr
	Jsr		P		Tnv
	Kcc		Pa		Tpb
	Kch		Pg		Water
	Kd		Psa		Xg
	Kg		Py		Xpc
	Km		Qa		Xvf
	Kmd		Qb		Xvm
	Kmf		Qbo		Yg
	Kml		Qe		c
	Kmm				

Notes
1. Coordinate System: NAD 1983 2011 StatePlane New Mexico West FIPS 3003 Ft US
2. Data Sources: 1. Roca Honda Resources, LLC, 2. National Geologic Map Database (NGMDB)
3. Background: Esri, NASA, NGA, USGS, Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community



0 12,500 25,000 Feet
(At original document size of 11x17)
1:300,000



Project Location
McKinley County, New Mexico
Prepared by JA on 2026-04-24
TR by EZ on 2026-04-24
IR by AR on 2026-04-24
182925615

Client/Project
Client: Roca Honda Resources, LLC
Project: Roca Honda Mine
Report: MORP

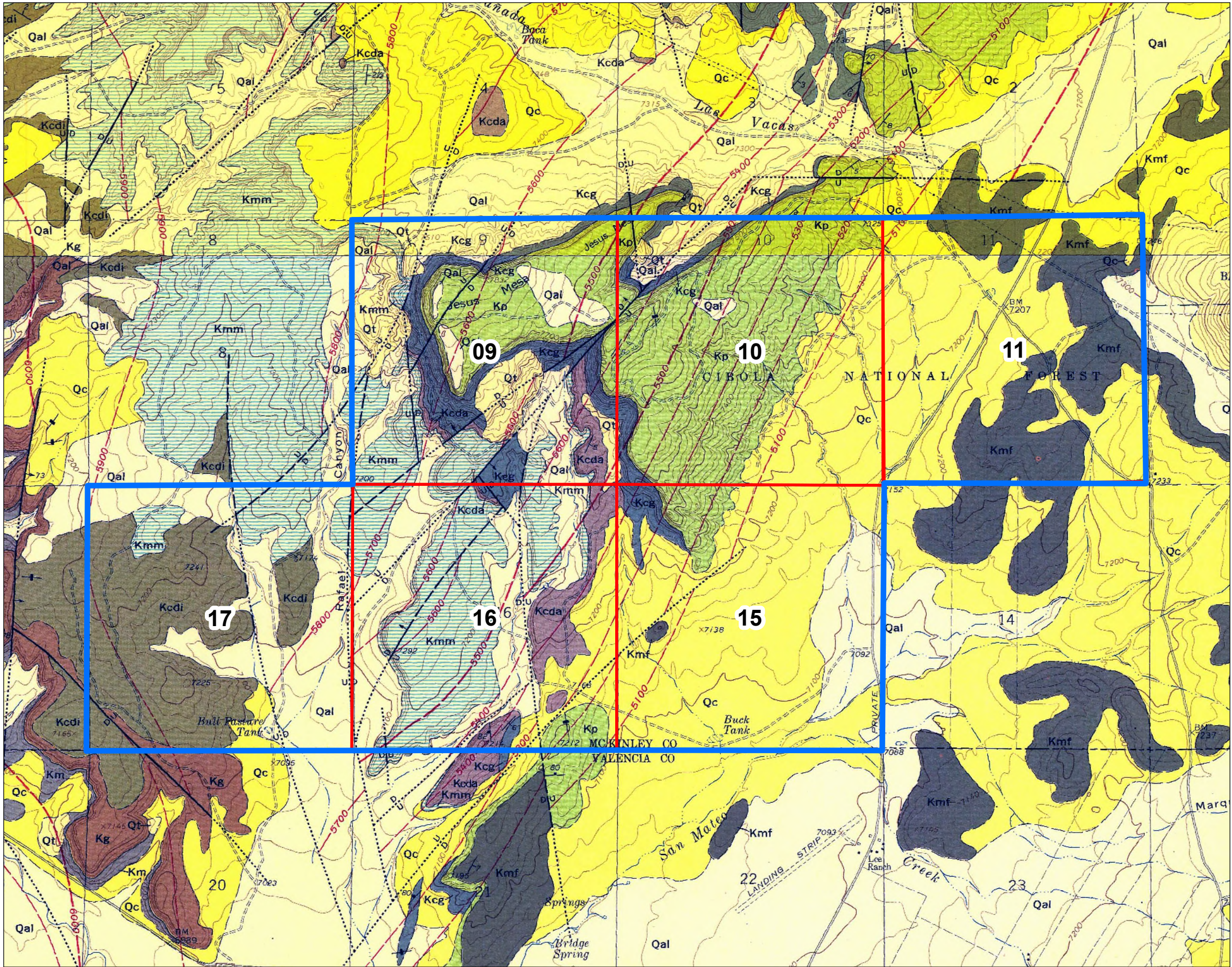
Figure No.

15

Title

Regional Geologic Map

U:\1828\182925615\ArcPro\Roca Honda\Roca Honda_August 5.aprx RH_16_Geologic Map of Permit Area_11x17 Revised: 2026-04-24 By: DSCHOLUIS



Legend

— Roca Honda Project Area

— Section Line

Explanation

Pleistocene and Recent

Qt - Talus and landslide blocks

Qal - Alluvial and eolian deposits

Qc - Sapolite

Miocene and Pliocene

Tbc - Cinder cone; unconsolidated volcanic ash, lapilli, and bombs

Trc - Silicic tuffs and flows

Tb - Basaltic flows

Ta - Porphyritic andesite (includes some latite flows and tuff)

Upper Cretaceous

Kmf - Menefee Formation; pale yellowish-brown siltstone interbedded with pale yellowish-brown and light gray fine- to medium-grained sandstone

Upper Cretaceous - Mancos Shale

Kp - Point Lookout Sandstone; light gray and reddish-brown medium- to fine- grained sandstone. Divisible into two parts where Satan Tongue of Mancos Shale is present

Kcg - Crevasse Canyon Formation; Gibson Coal Member; interbedded sandstone, siltstone, shale, and coal beds

Kcda - Crevasse Canyon Formation; Dalton Sandstone Member; light gray medium- and fine-grained sandstone

Kcs - Crevasse Canyon Formation; stray sandstone of local usage; gray fine-, medium-, and coarse-grained fossiliferous sandstone, and conglomerate

Kcdi - Crevasse Canyon Formation; Dilco Coal Member; interbedded sandstone, siltstone, shale, and coal beds

Kmm - Muletto Tongue; pale yellowish-brown sandy shale, dark gray shale, and massive pale yellowish-brown fine-grained silty sandstone. Occurs between Koda and Kcs or, where Kcs is missing, between Koda and Kodf of Crevasse Canyon Formation

Kg - Gallup Sandstone; main body of Gallup Sandstone; pale reddish-brown and light gray fine- and medium-grained sandstone

Kgb - Gallup Sandstone; gray fossiliferous fine- and very coarse-grained sandstone

Km - Main body of Mancos Shale; dark gray friable silty shale with minor thin light brown sandstone and gray fissile shale. Occurs below Kg and below Kgb and Kga of Gallup Sandstone

Kmc, Kma - Lower part of Mancos Shale; Kmc, Kma, gray shale, overlain by pale yellowish brown to pale yellowish-gray fine- and medium-grained sandstone

Lower Cretaceous

Kd - Dakota Sandstone; pale yellowish-brown, orange, and white fine- and medium-grained sandstone

Upper Jurassic

Unb - Morrison Formation; Brushy Basin Member; mainly grayish green mudstone, with minor lenticular light gray and yellowish-gray fine- and medium-grained sandstone

Unw - Morrison Formation; Westwater Canyon Member; mainly light gray, yellowish, and reddish-gray fine- and medium-grained sandstone. Minor light greenish gray Lenticular mudstone

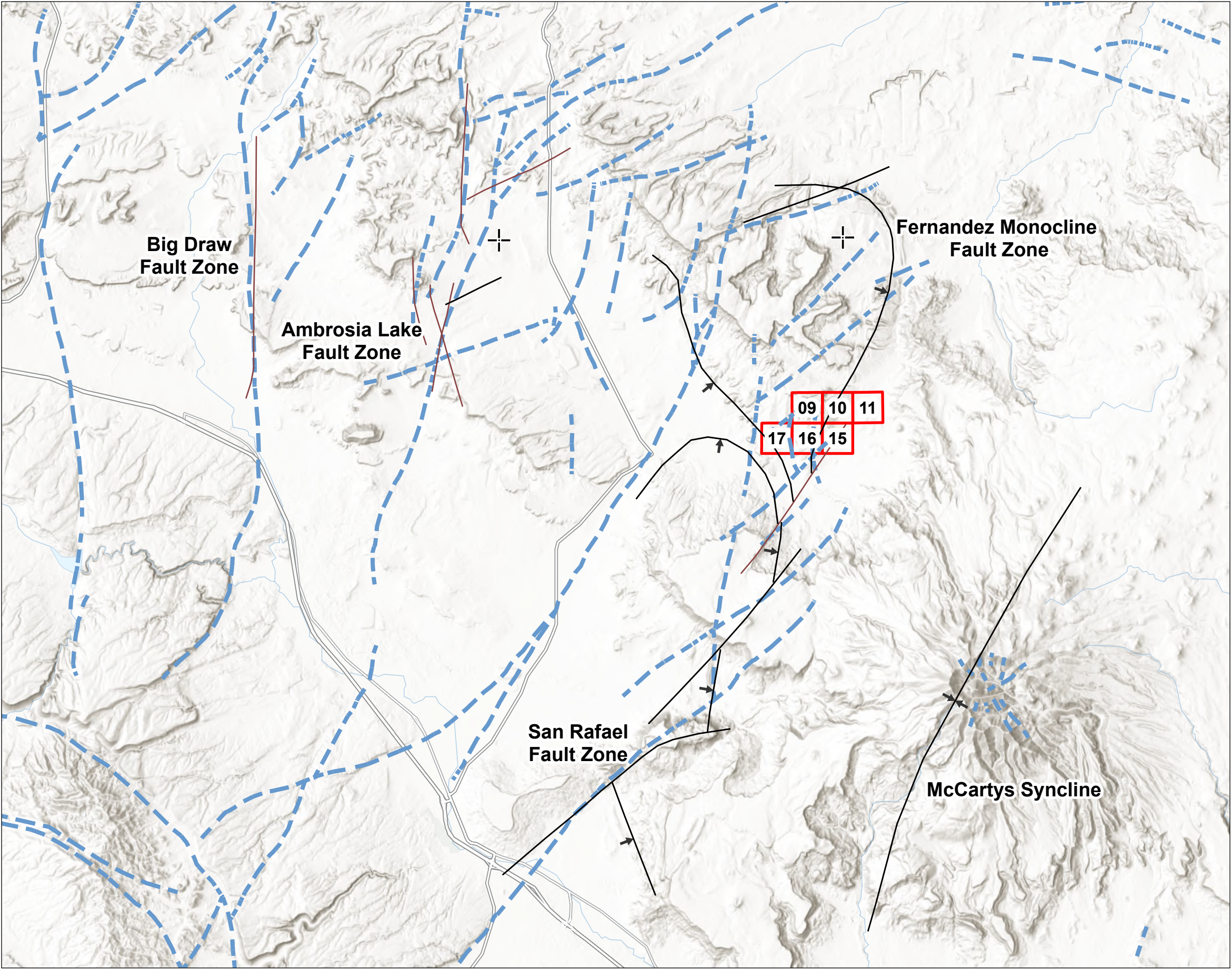
Notes

1. Coordinate System: NAD 1983 2011 StatePlane New Mexico West FIPS 3003 Ft US

2. Data Sources: 1. Roca Honda Resources, LLC, 2. Geology of Tertiary modified from unpublished photogeologic map by Arthur S. Knox, 1963-64

3. Background: Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

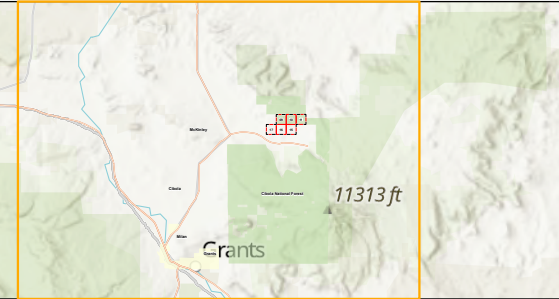
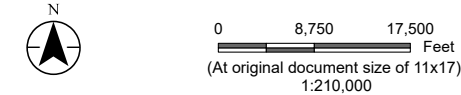
U:\1829\182925615\ArcPro\Roca Honda\Roca_Honda_August 5.aprx RH_17_Regional Structural Map_11x17 Revised: 2026-04-24 By: DSCHOLIS



Legend

- ⊕ Dome
- Normal Fault
- Strike-Slip
- ↓ Strike-Slip Monocline
- ⊕ Strike-Slip Syncline
- - - NGMDB Fault
- ▭ Section Line

Notes
1. Coordinate System: NAD 1983 2011 StatePlane New Mexico West FIPS 3003 Ft US
2. Data Sources: 1. Roca Honda Resources, LLC, 2. National Geologic Map Database (NGMDB)
3. Background: Esri, NASA, NGA, USGS, Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

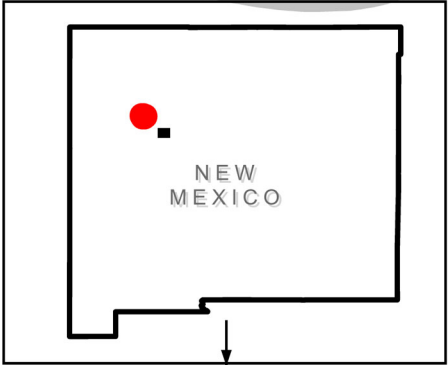
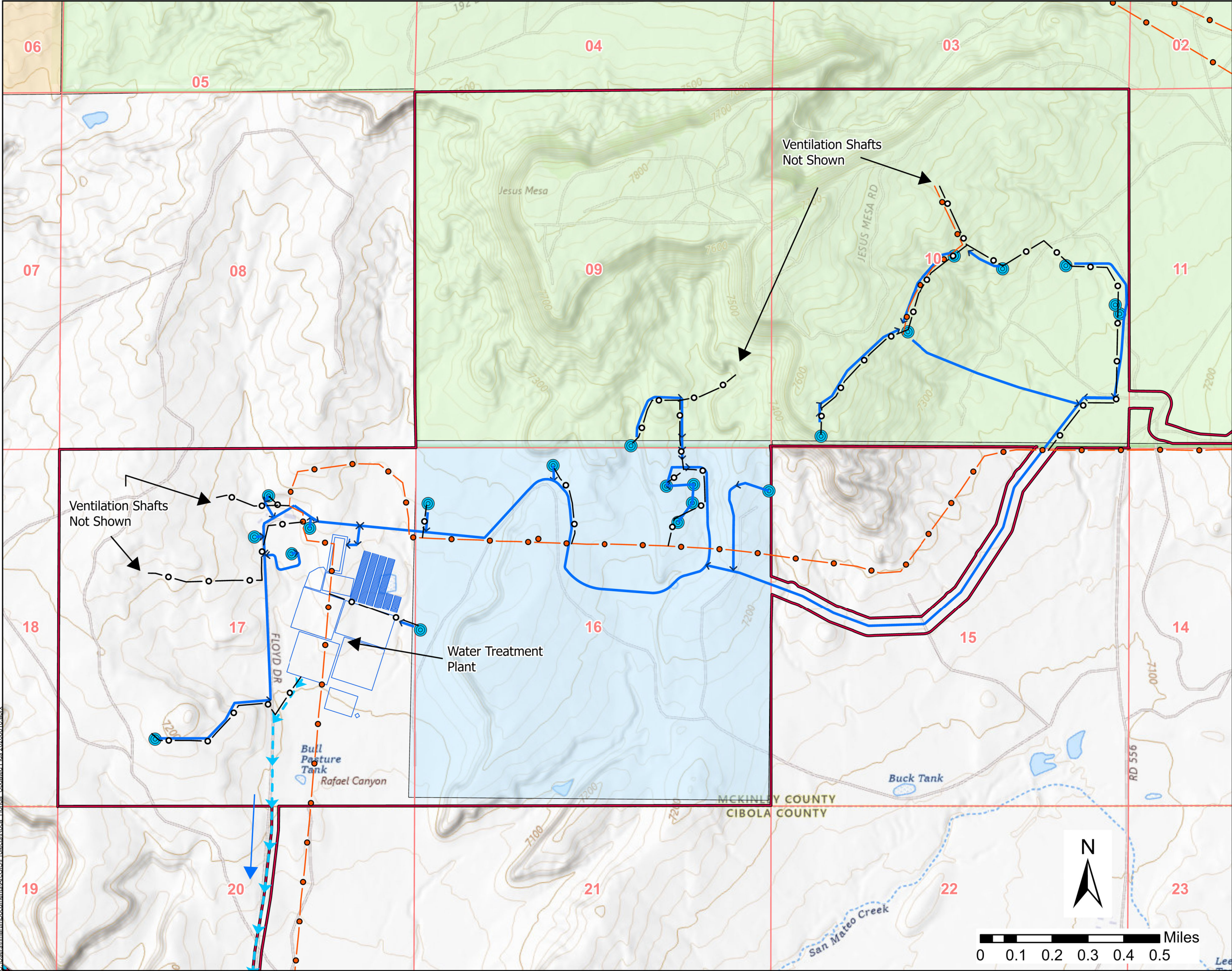


Project Location
McKinley County, New Mexico
Prepared by JA on 2026-04-24
TR by EZ on 2026-04-24
IR by AR on 2026-04-24

Client/Project
Client: Roca Honda Resources, LLC
Project: Roca Honda Mine
Report: MORP

Figure No.
17

Title
Regional Structural Features Map



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

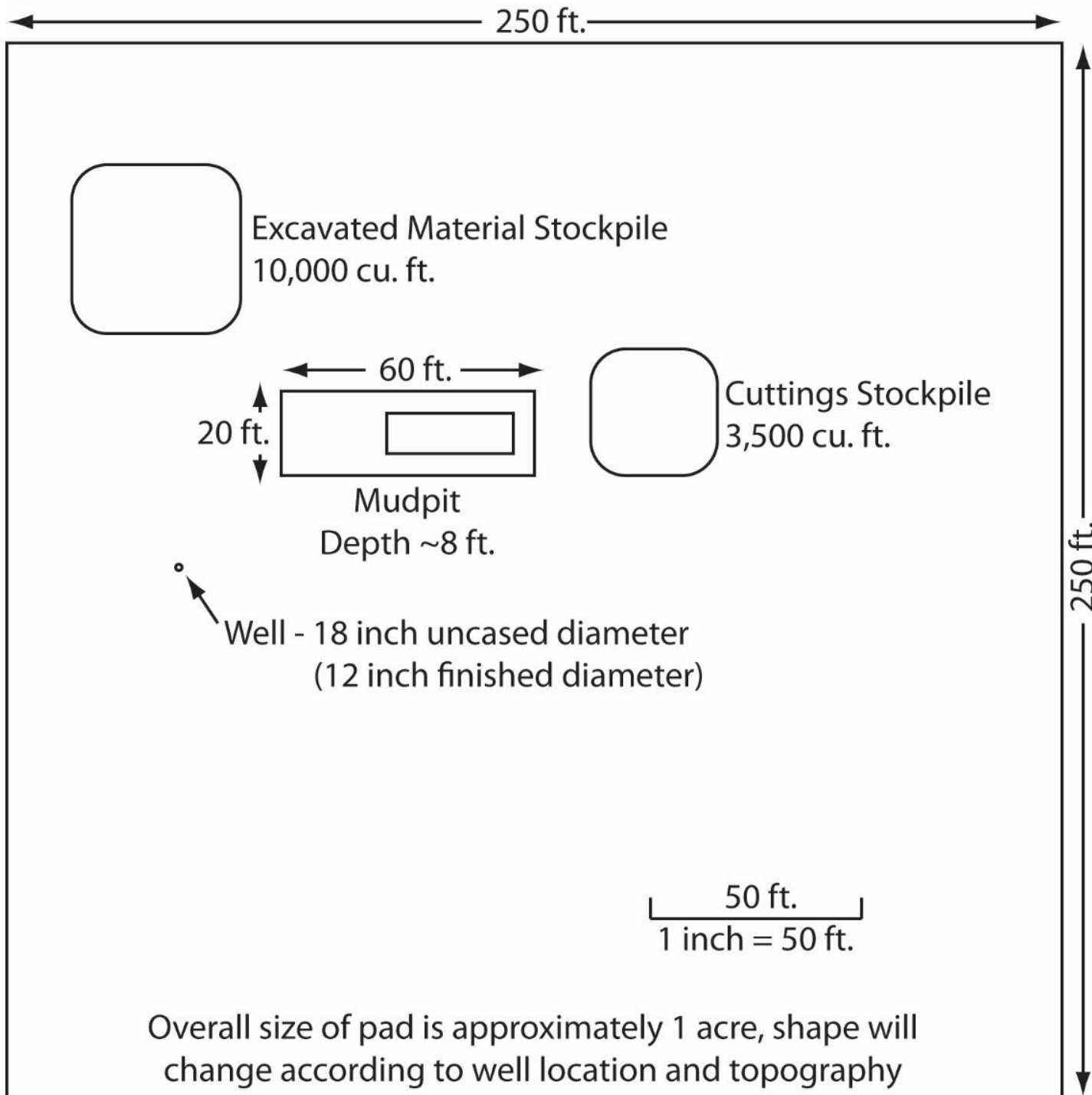
Legend

- Dewatering Well
- Discharge Pipeline
- Dewatering Pipeline
- Powerline - Buried (New)
- Powerline - Pole Structure (Existing)
- Roca Honda Project Area
- Water Treatment Plant
- State
- U.S. Forest Service

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Dewatering Well Locations Map
McKinley County, New Mexico

Figure No.: 18	Drafting: NBM	Scale:
Date: 8/10/2026	Revision: 3	Rev. Date: 8/17/2026



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

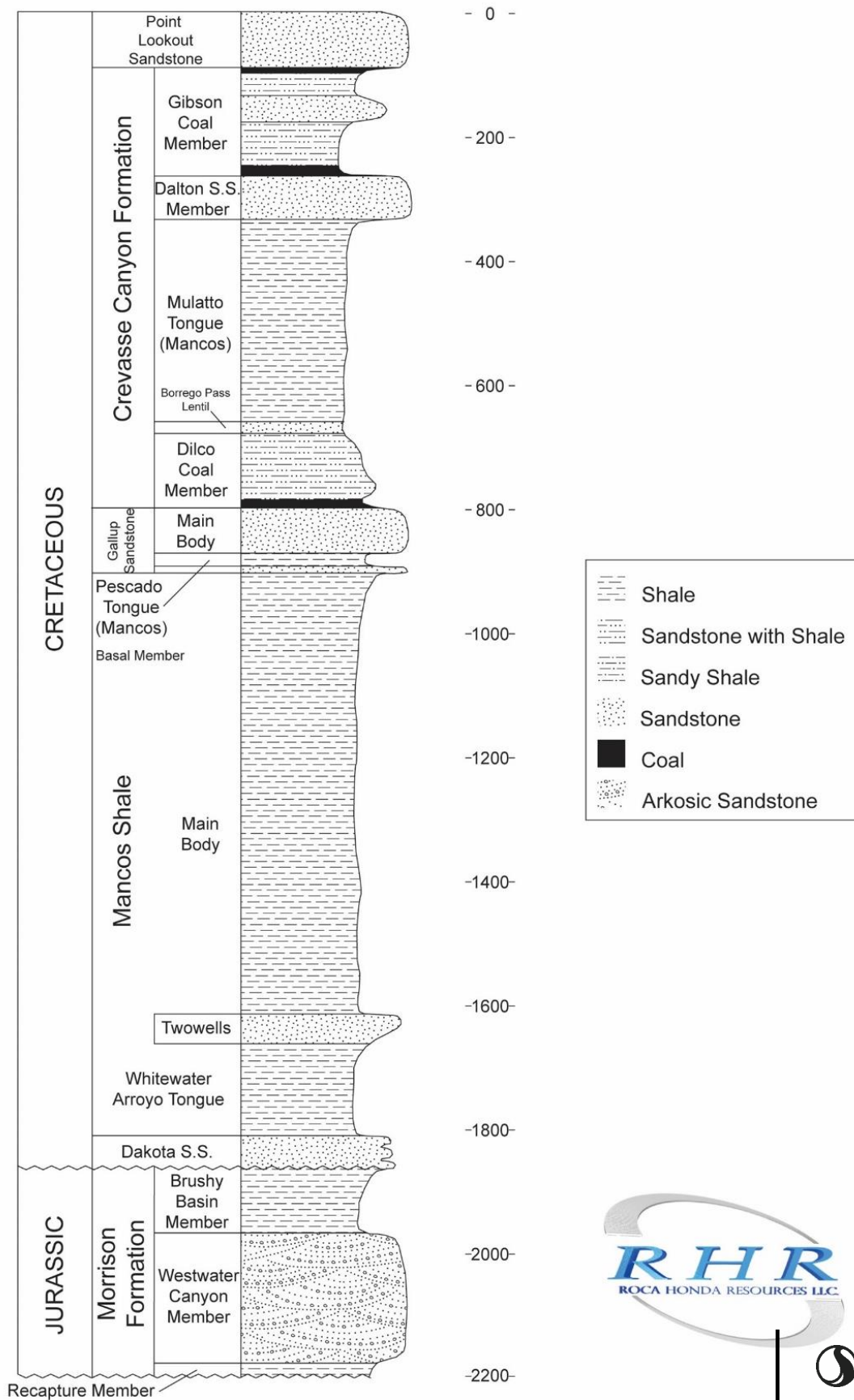
Client/Project

19

Figure No.

Typical Drill Pad Layout for Dewatering Wells

T-1112



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

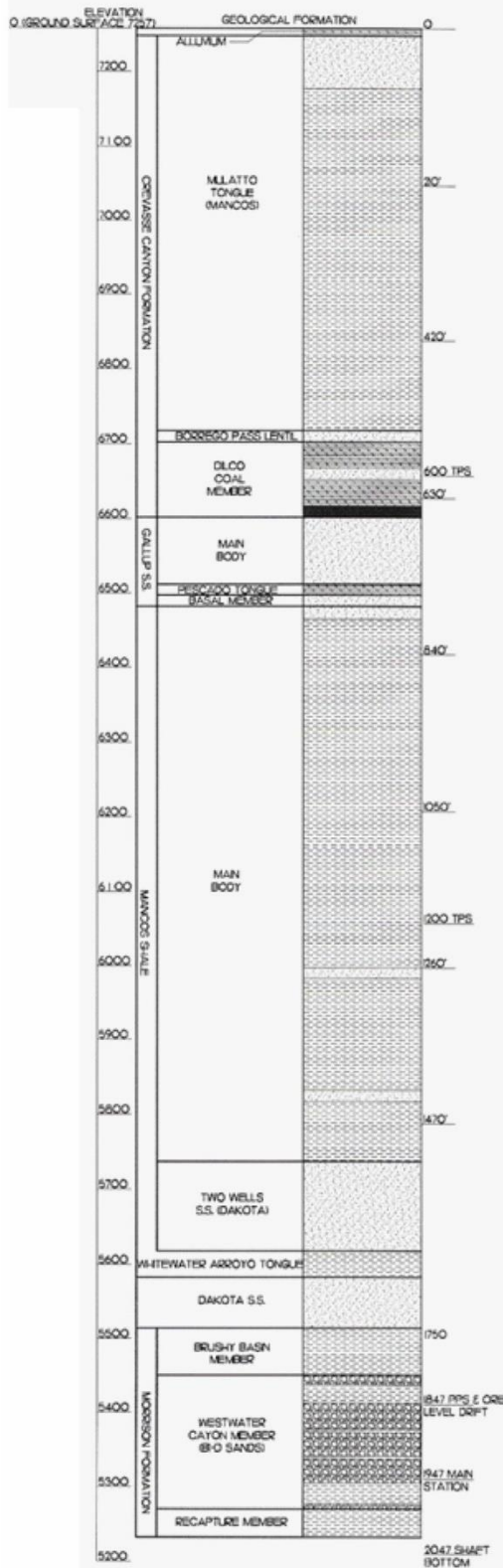
Client/Project

20

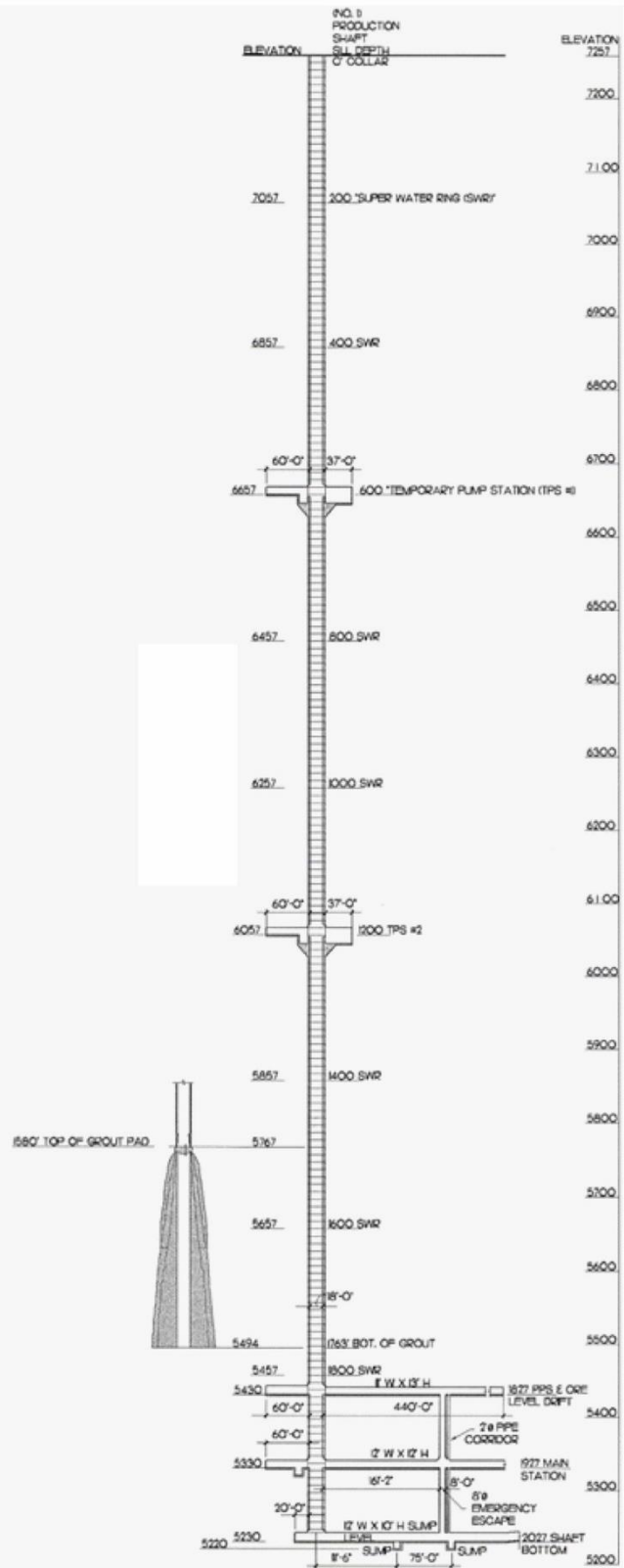
Figure No.

Typical Stratigraphic Section of RH Permit Area

Title



Projected Stratigraphy



Shaft Cross-Section



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

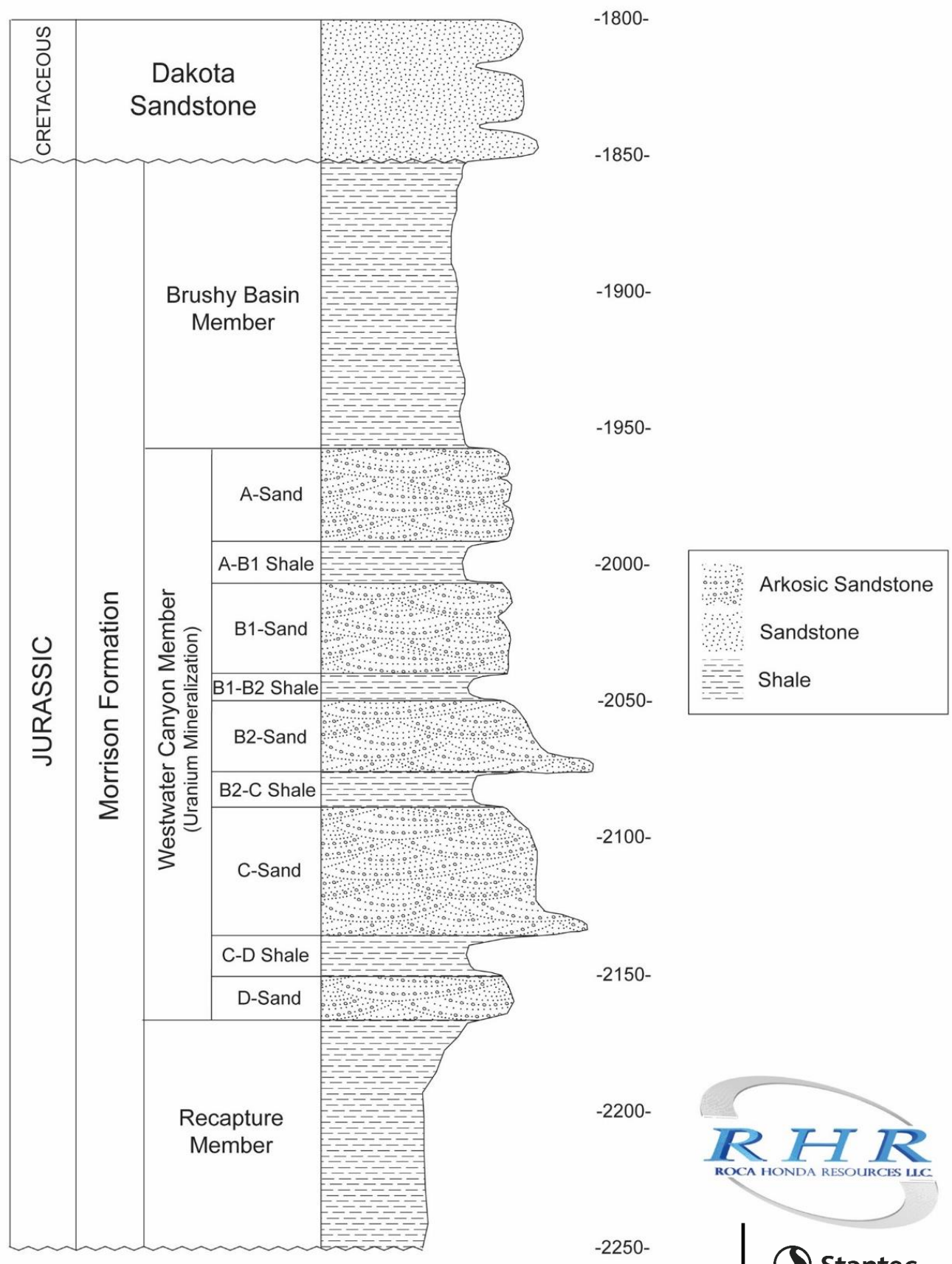
Client/Project

21

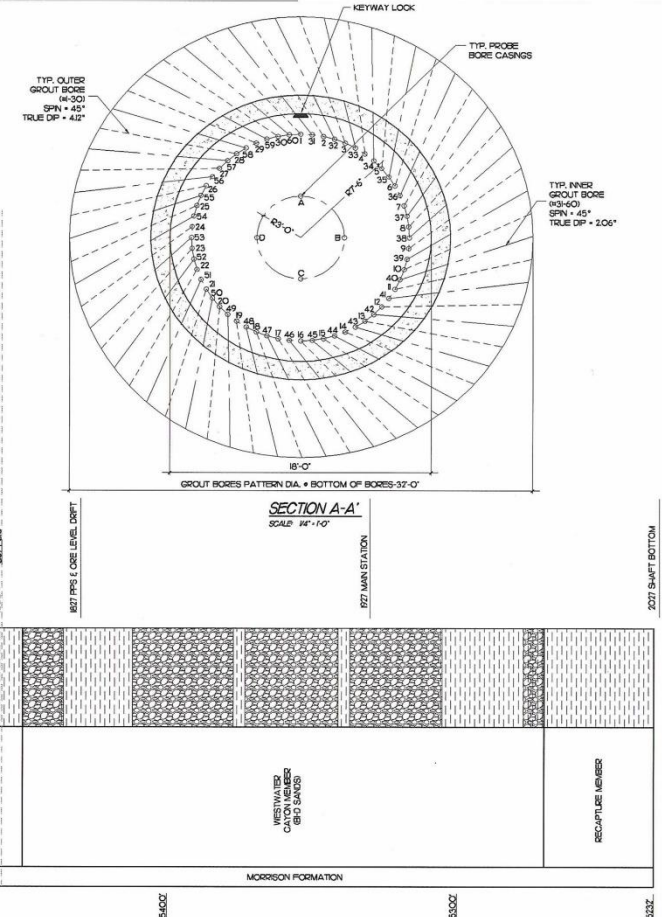
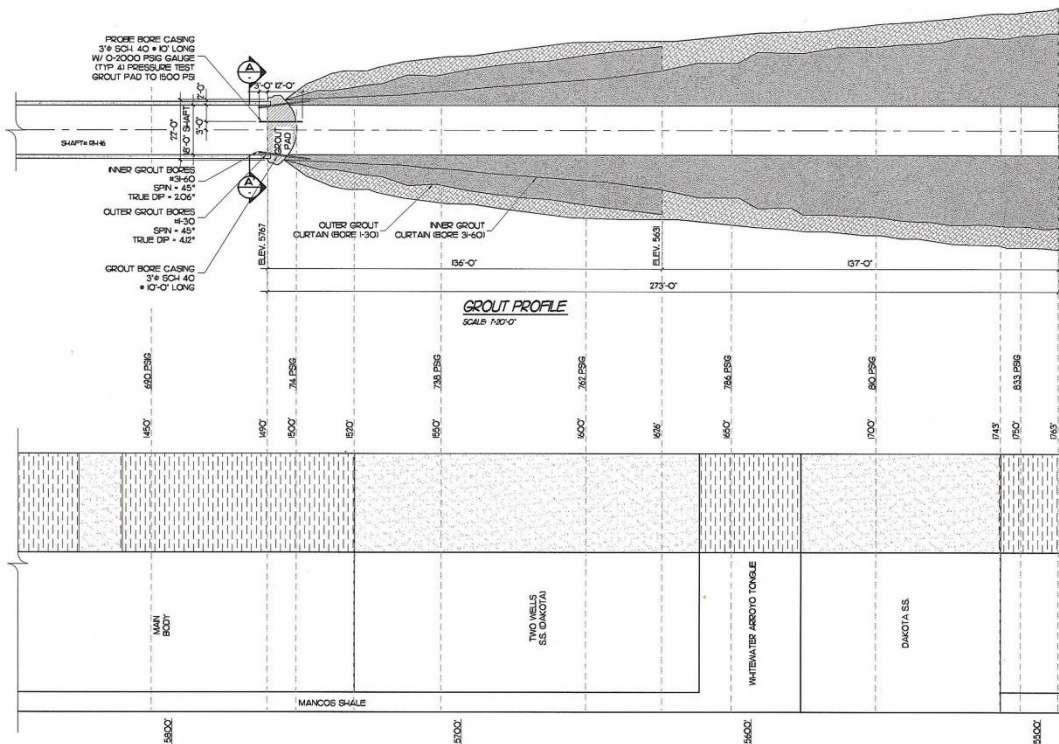
Figure No.

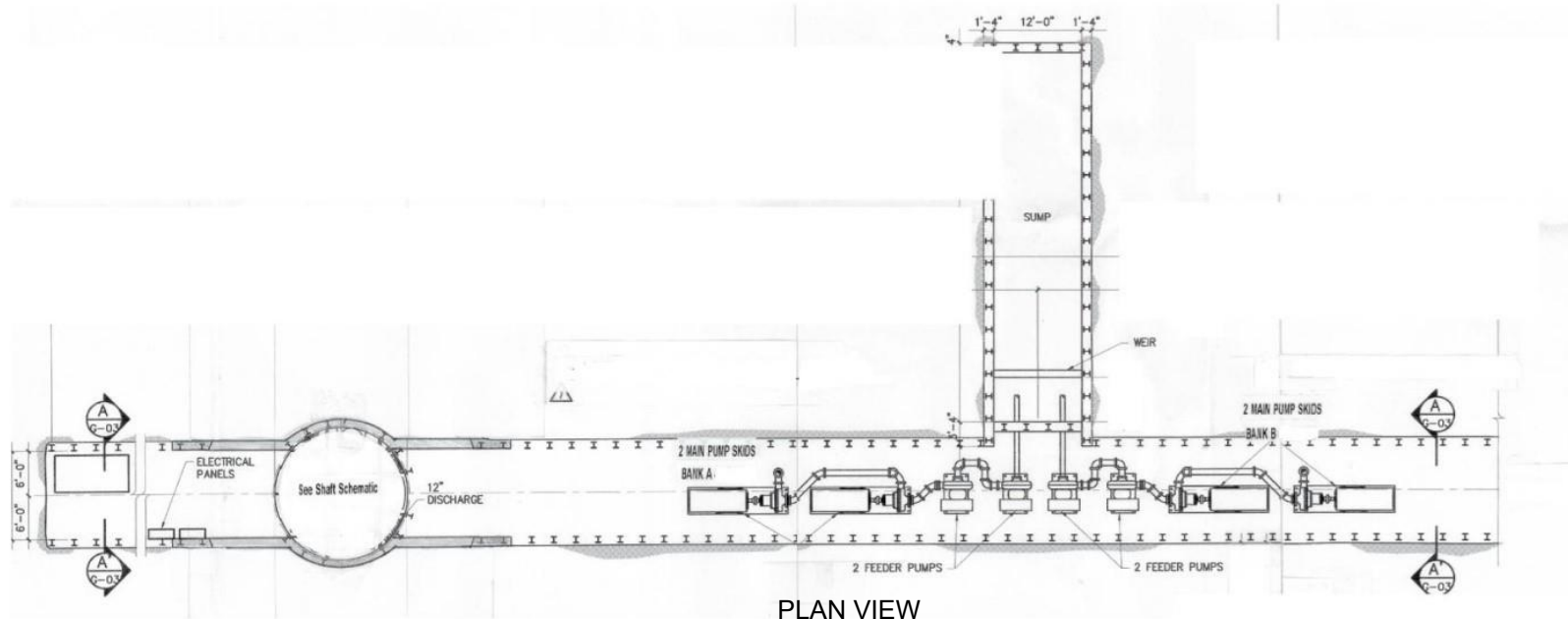
Typical Stratigraphic Section at RH Shaft Location

Title

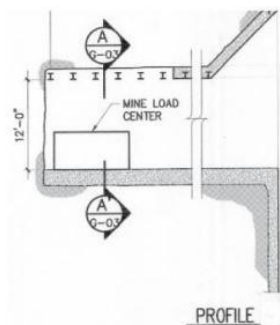


McKinley County, New Mexico
Project Location
 Roca Honda Resources, LLC
Client/Project
 22
Figure No.
 Typical Stratigraphic Section of Morrison Formation
Title

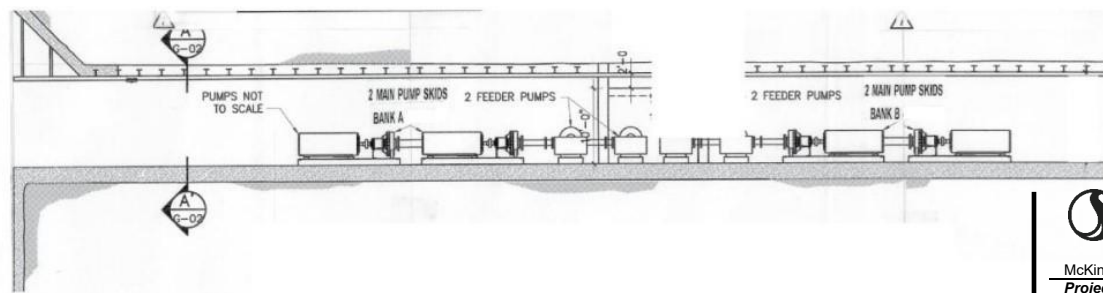




PLAN VIEW



PROFILE



PROFILE VIEW



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

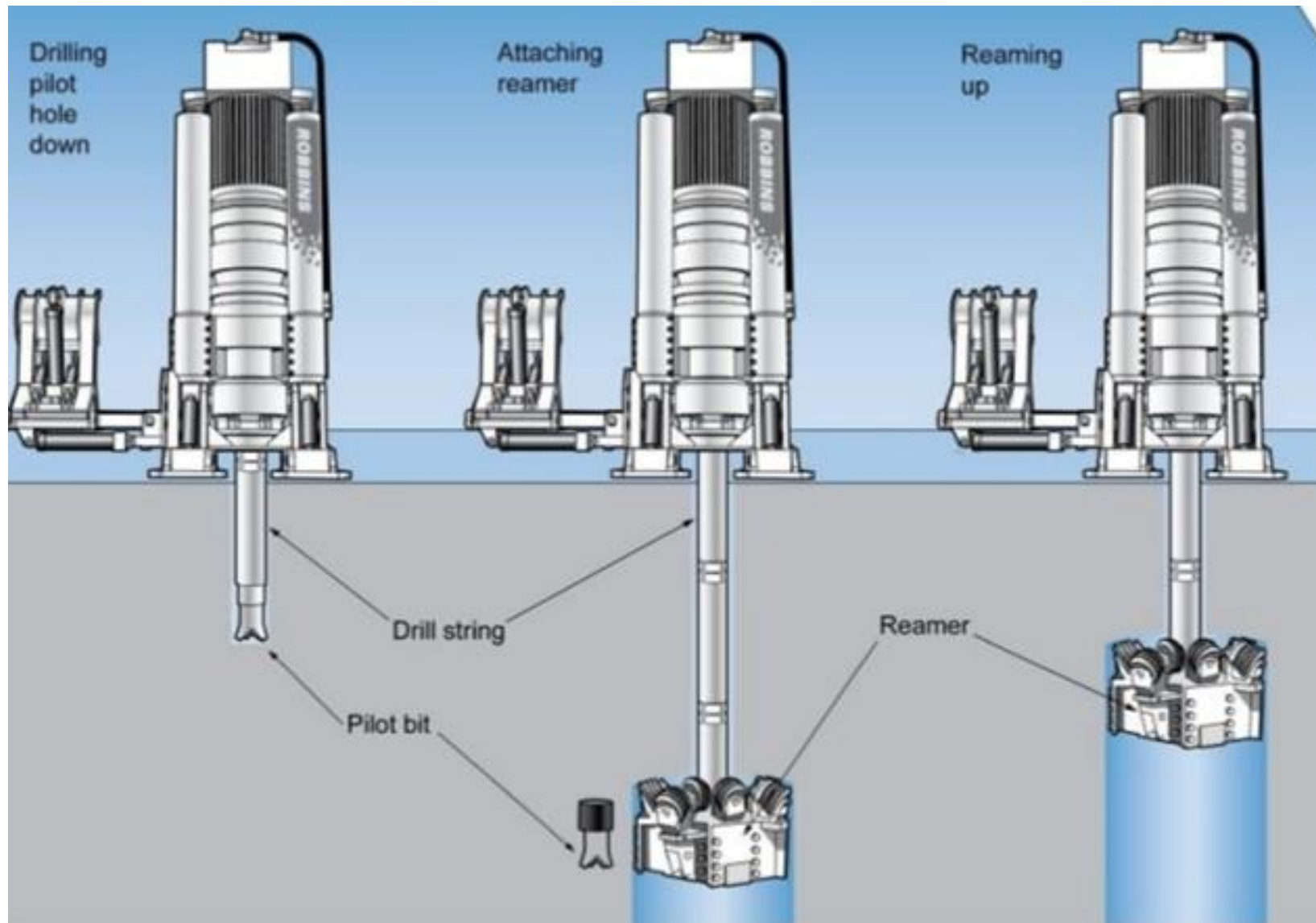
Client/Project

24

Figure No.

Typical Pumping Level Station

Title



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

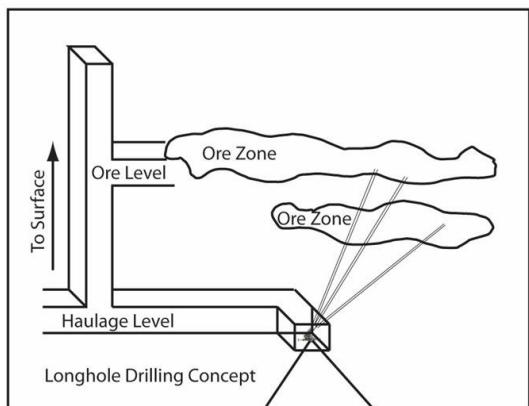
Client/Project

25

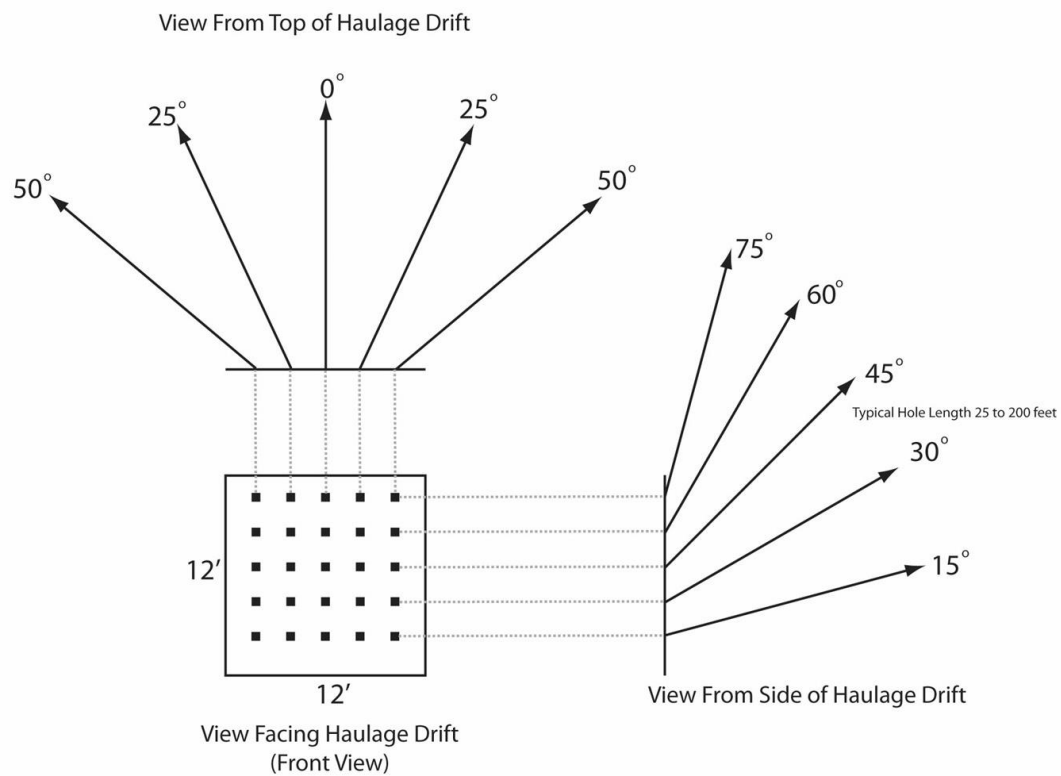
Figure No.

Typical Raise Boring Equipment Setup

Title



Typical Longhole Drill Rig



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

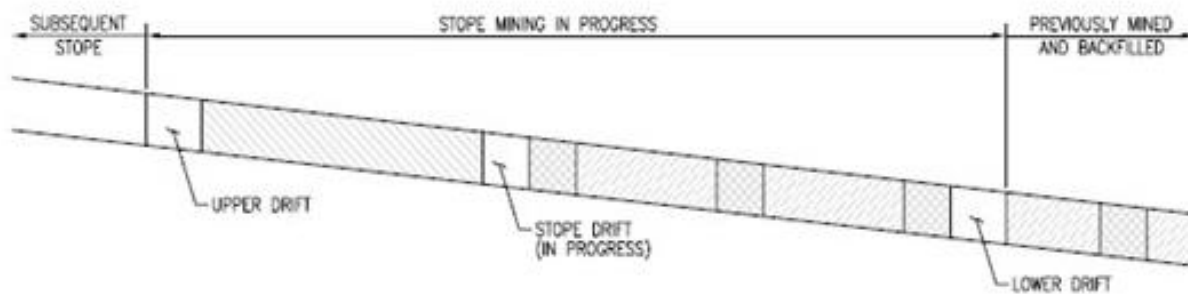
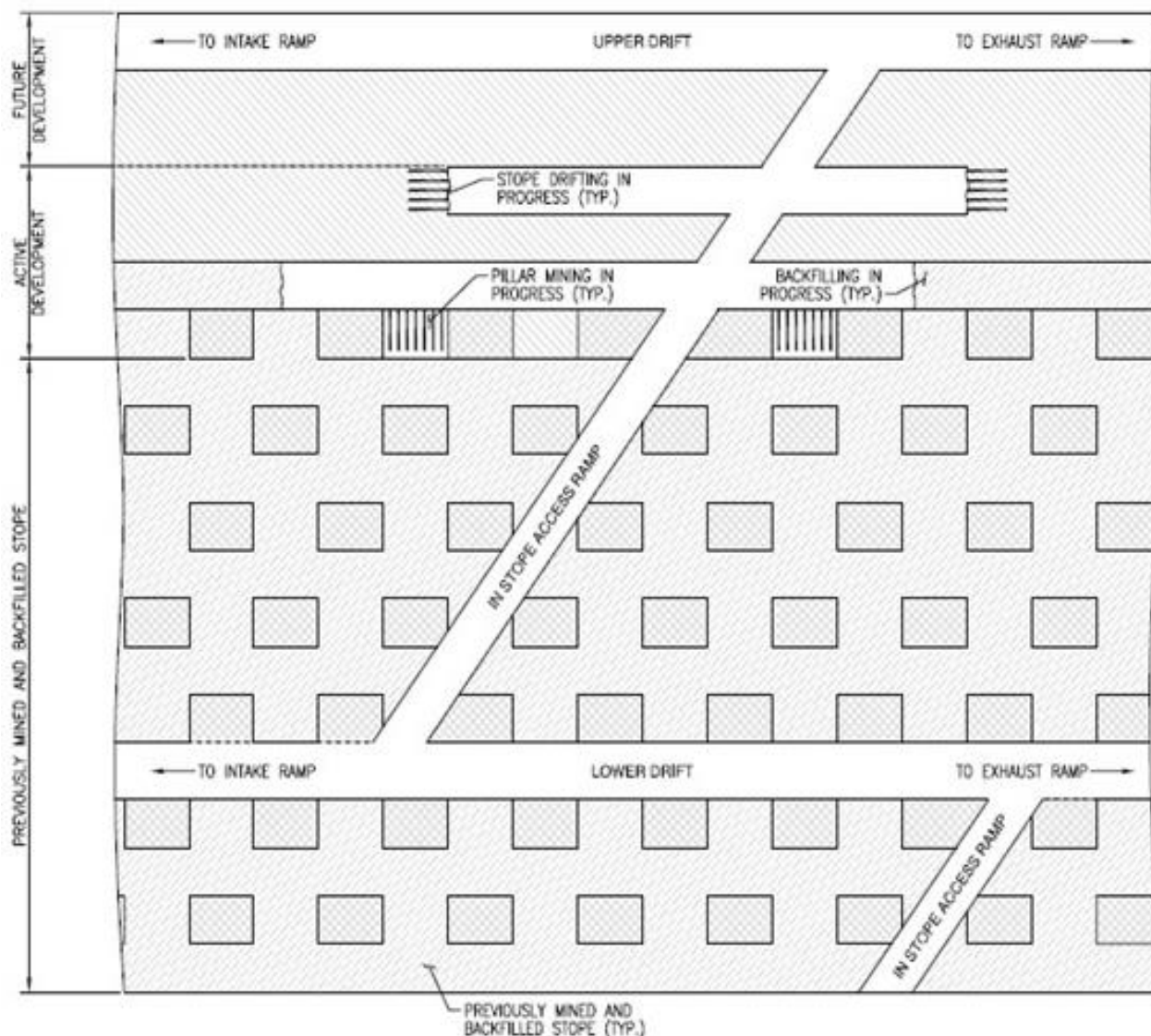
Client/Project

26

Figure No.

Typical Long-hole Drilling Technique

Title



LEGEND

-  PERMANENT PILLAR
-  FUTURE DEVELOPMENT
-  ACTIVE DEVELOPMENT
-  BACKFILLED



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

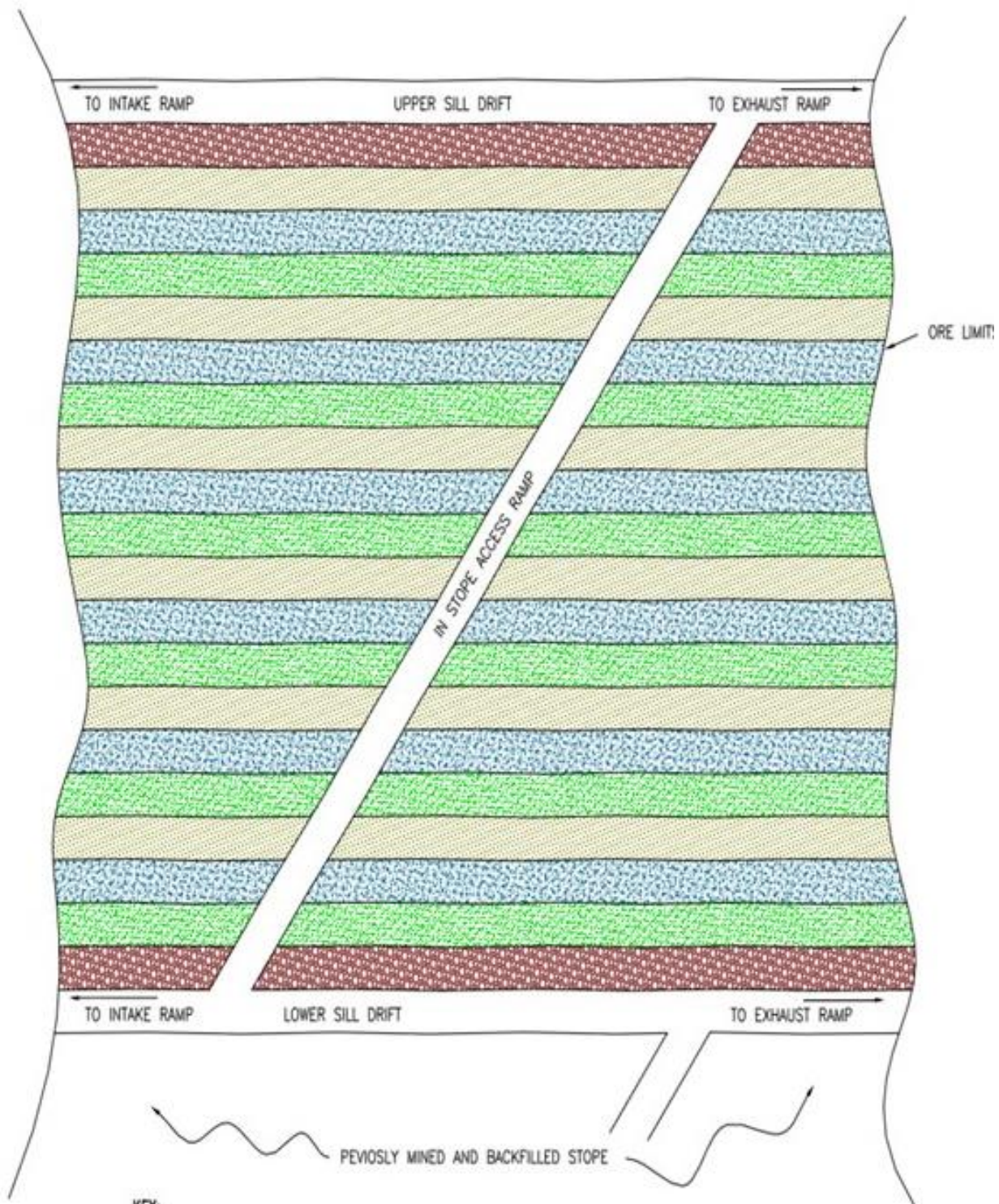
Client/Project

27

Figure No.

Typical Step Room and Pillar Mine Design

Title



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

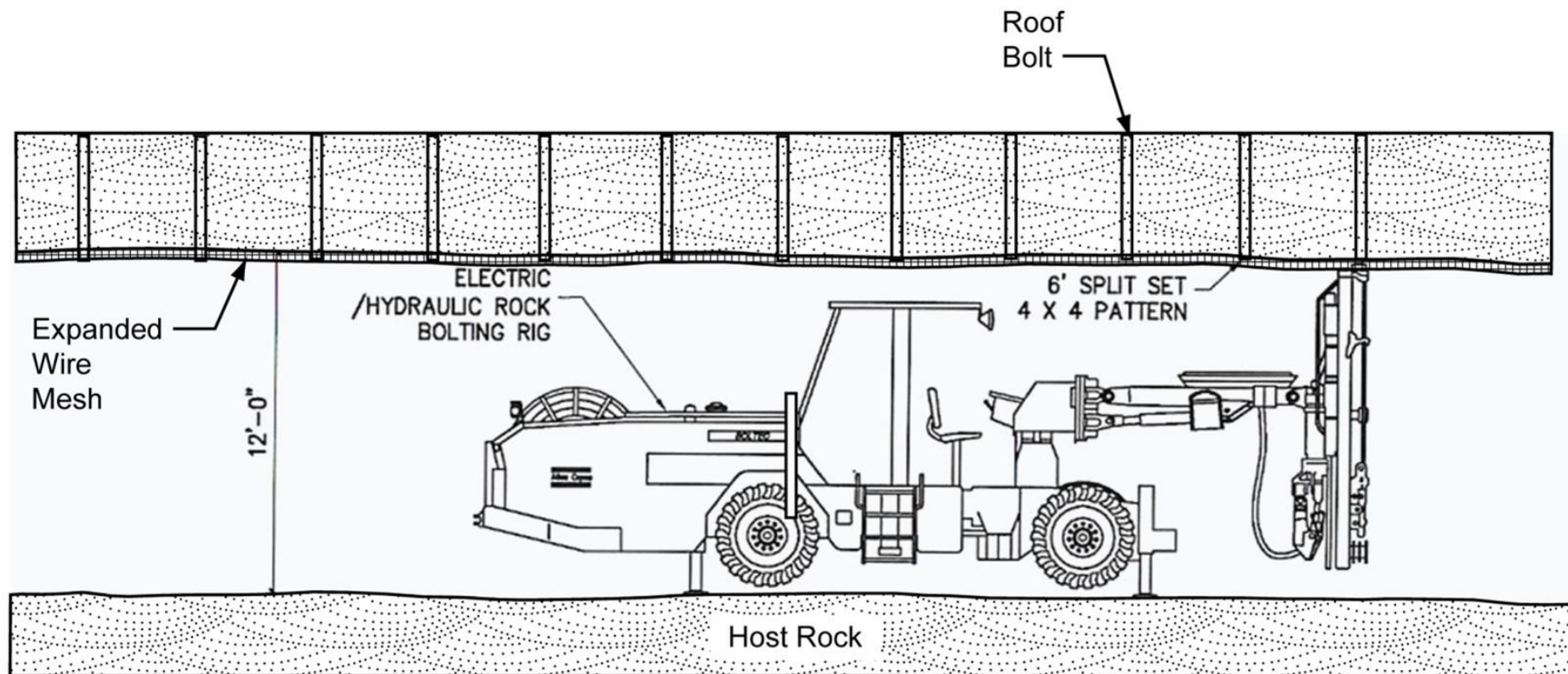
Client/Project

28

Figure No.

Typical Drift and Fill Mine Design - Plan View

Title



Typical Roof Bolting



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

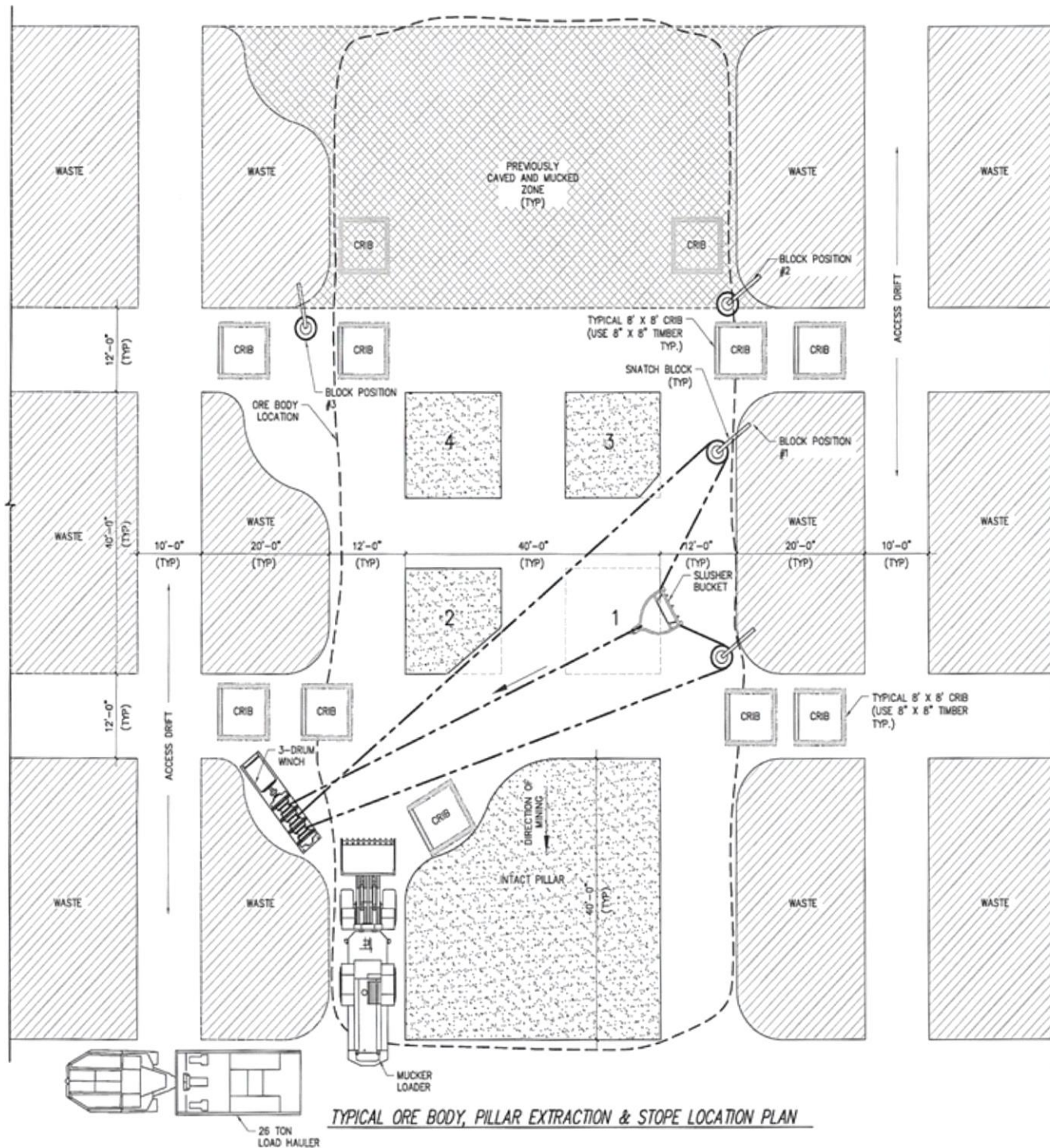
Client/Project

29

Figure No.

Typical Roof Bolting Method for Room and Pillar Mining

Title



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

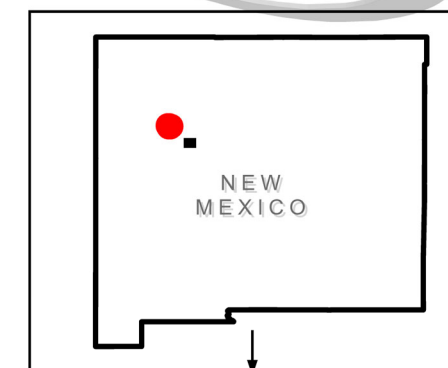
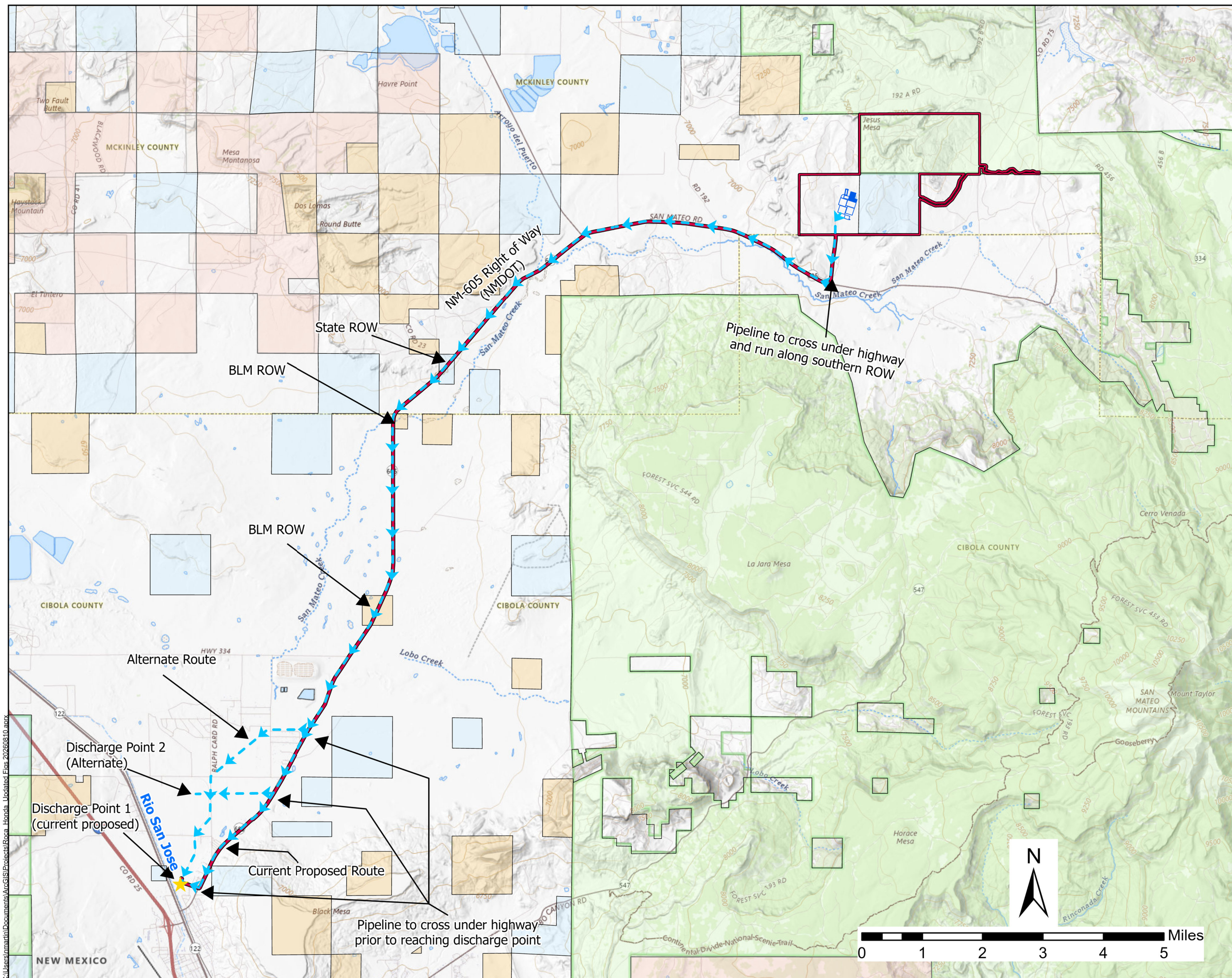
Client/Project

30

Figure No.

Typical Ore Body Pillar Extraction and Stope Location Plan

Title



	R09W		R08W			
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

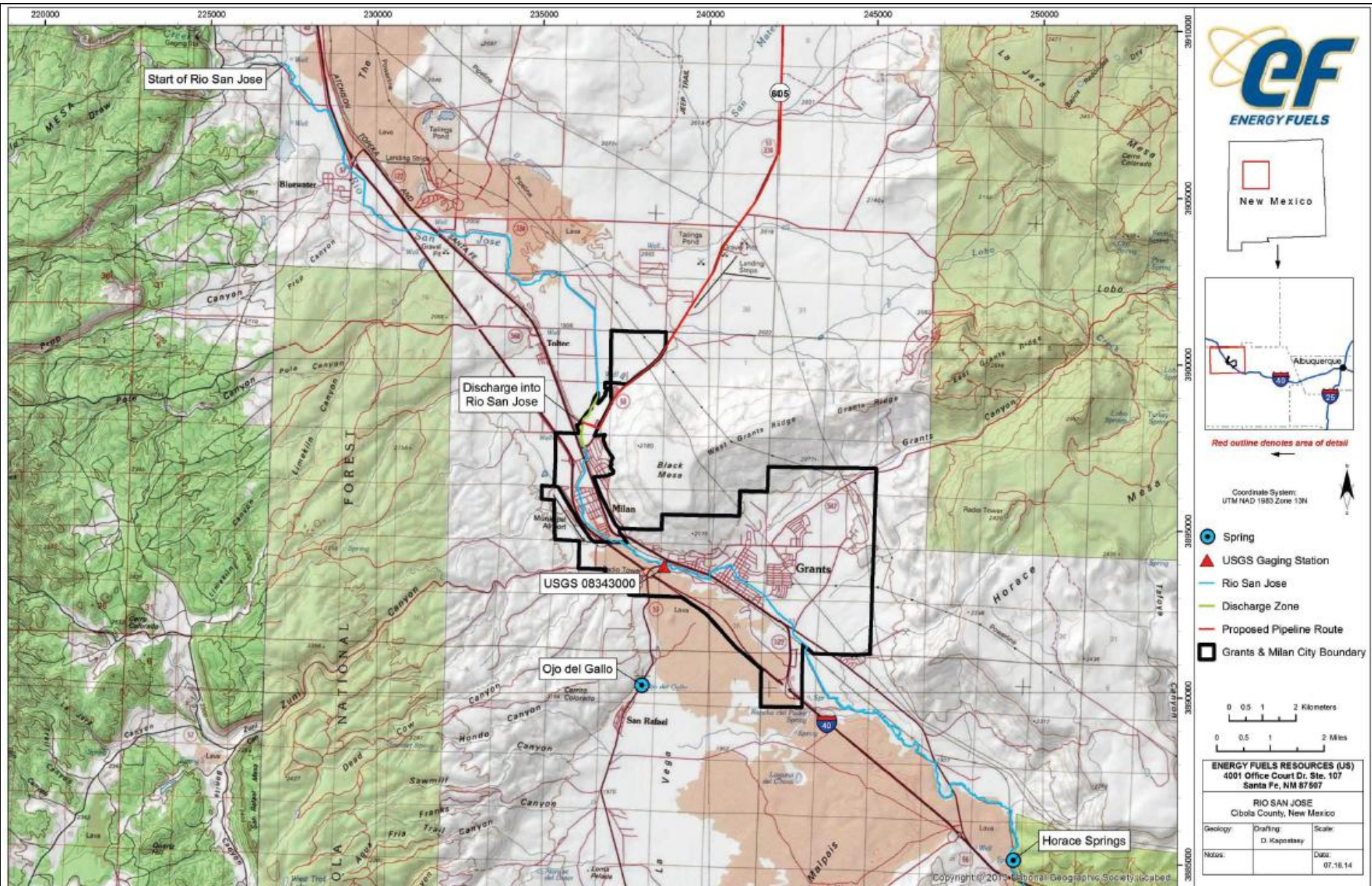
Legend

-  Roca Honda Project Area
-  Discharge Pipeline
-  Discharge Point
-  Water Treatment Plant
-  BLM
-  Forest Service
-  Native American Lands
-  State

ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Dewatering Well Locations Map McKinley County, New Mexico

Figure No.: 18	Drafting: NBM	Scale:
Date: 8/10/2026	Revision: 3	Rev. Date: 8/17/2026



McKinley County, NM

Project Location

Roca Honda Resources, LLC / Roca Honda Mine

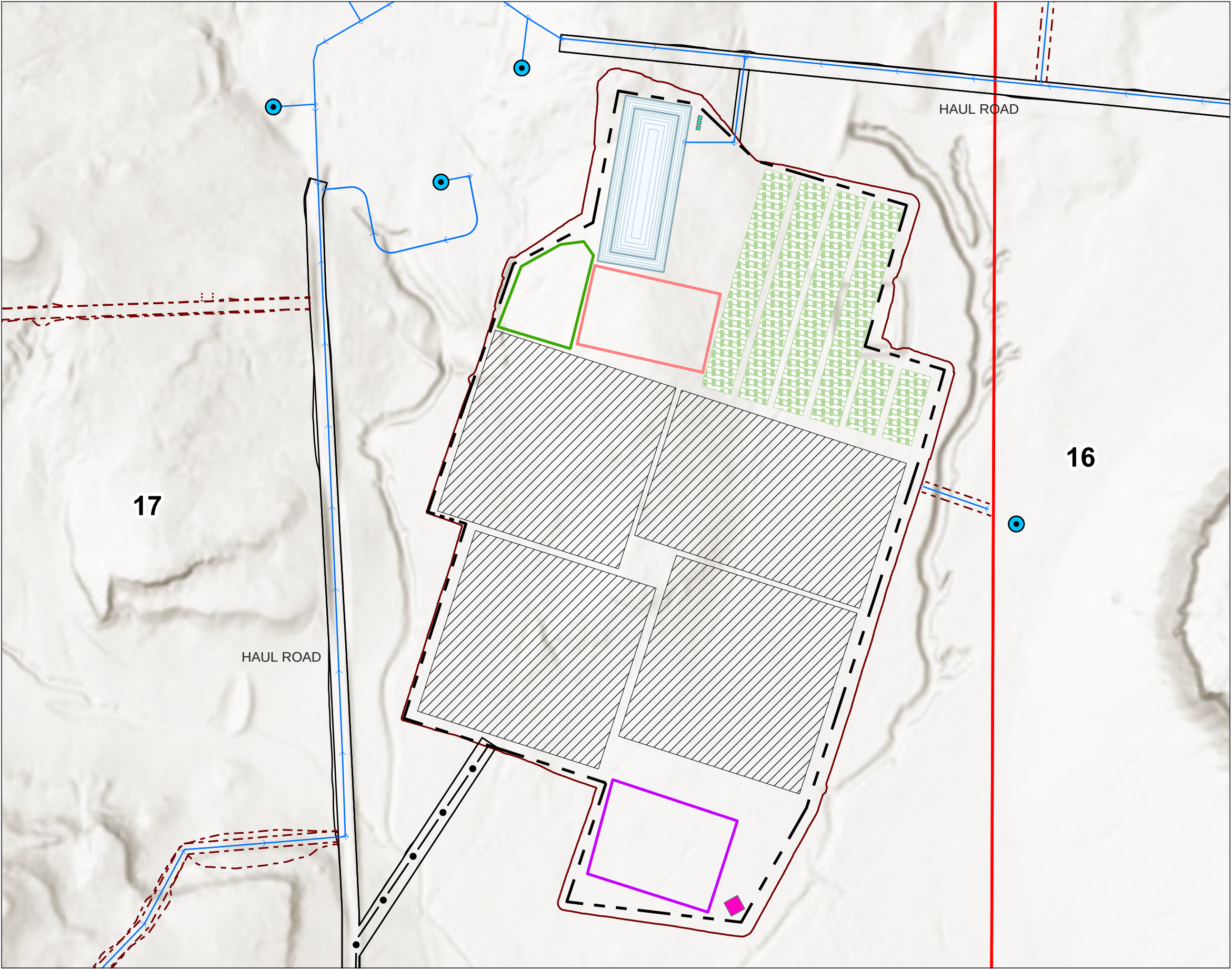
Client/Project

31a

Figure No.

Rio San Jose Proposed Discharge
Location

U:\1829\182925615\ArcPro\Roca Honda\Roca_Honda_August 5.aprx RH_32_Water Treatment Plant General Arrangement_11x17 Revised: 2026-04-27 By: DSCHOU.LS



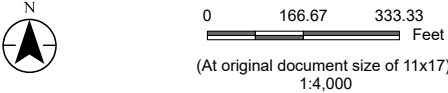
Legend

- Dewatering Well
- Dewatering Pipeline
- Discharge Pipeline
- Haul Road (to be Constructed)
- Access Road (Existing to be Improved)
- Fence
- Graded Pad
- Section Line

Water Treatment Plant

- Buried Biological Reactor Group
- Finishing Pond
- Geotube Sludge Dewatering and Storage Basin
- Off-Spec Pond
- Packed Tower Air Strippers
- SAR Treatment Area
- Surge Pond
- Water Treatment Facility

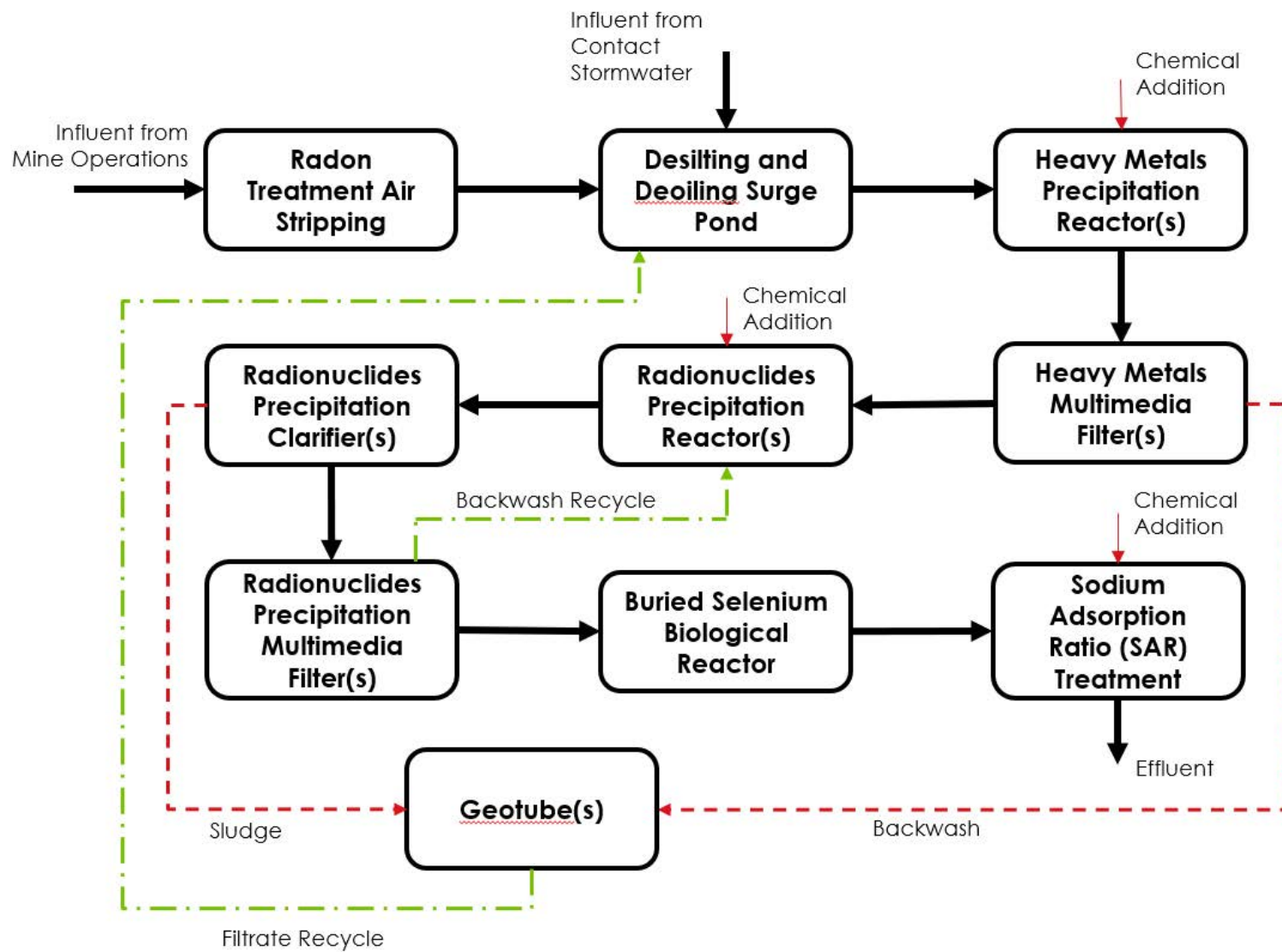
Notes
1. Coordinate System: NAD 1983 2011 StatePlane New Mexico West FIPS 3003 Ft US
2. Data Sources: Roca Honda Resources, LLC
3. Background: Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community, Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, BLM Admin State



Project Location
McKinley County, New Mexico
Client/Project
Client: Roca Honda Resources, LLC
Project: Roca Honda Mine
Report: MORP

Figure No.
32
Title

Water Treatment Plant General Layout



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

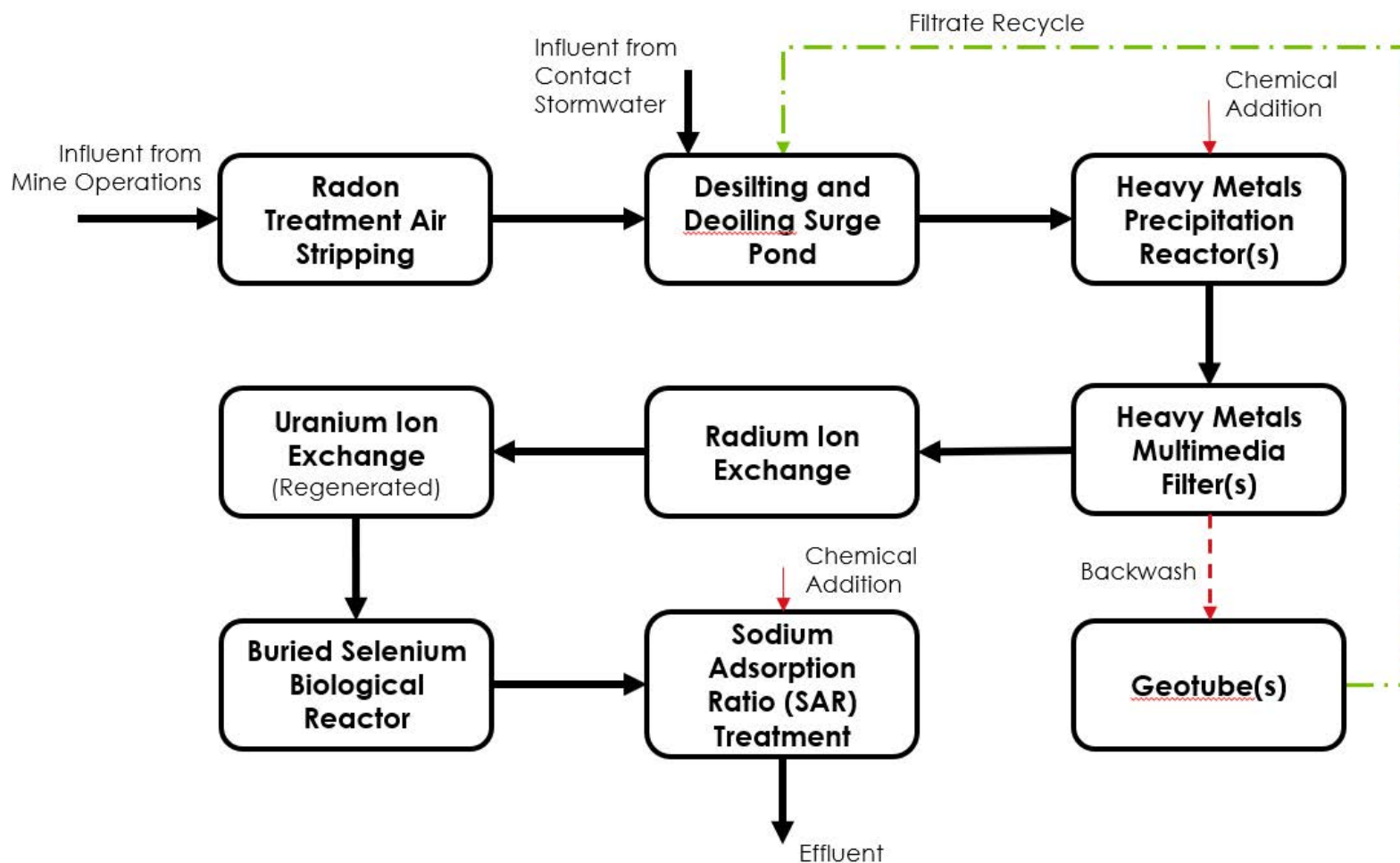
Client/Project

33

Figure No.

Preliminary Concept WTP PFD

Title



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

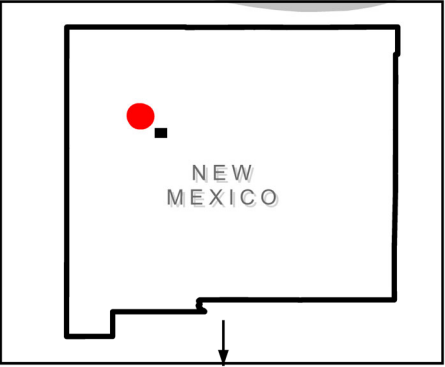
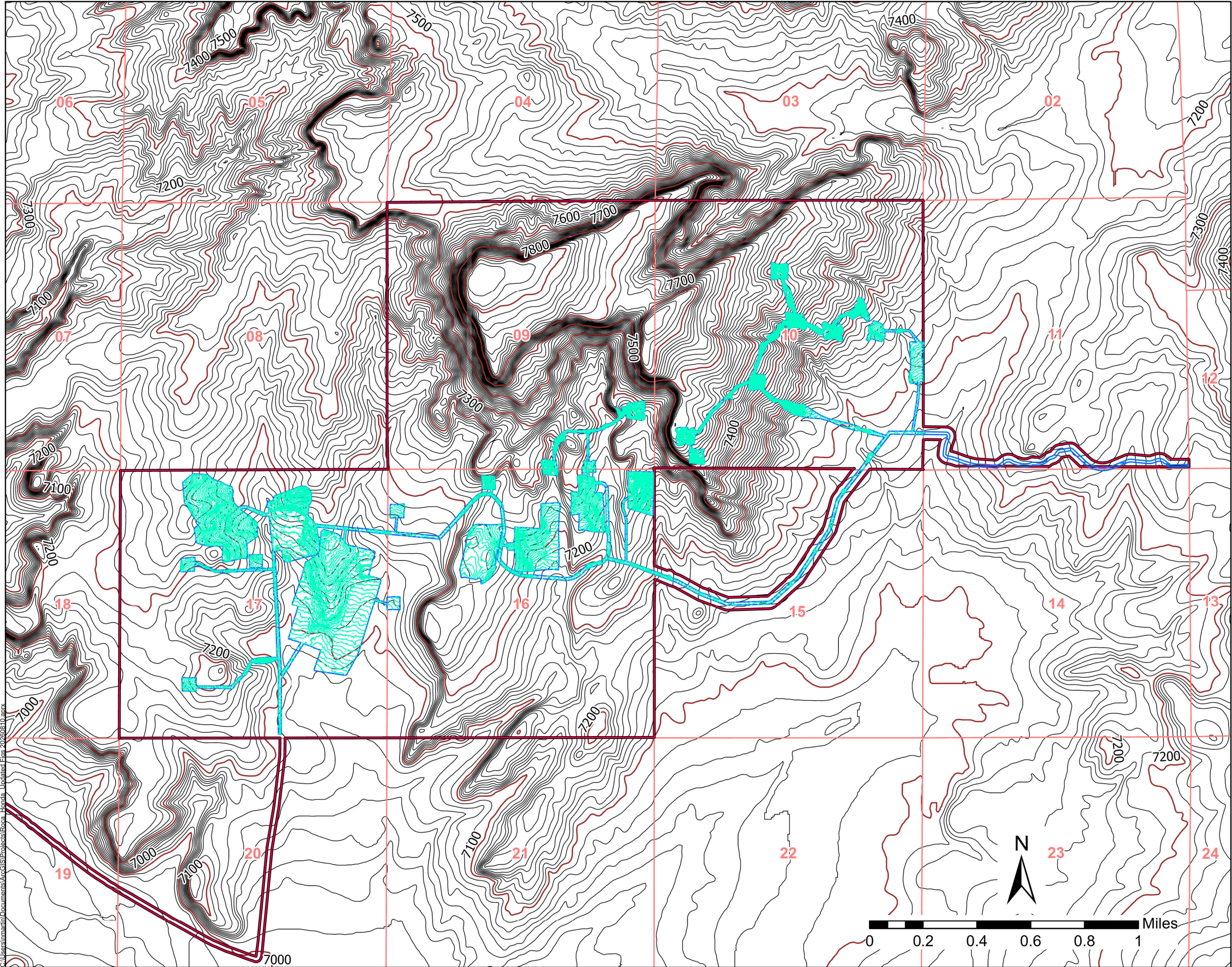
Client/Project

34

Figure No.

WTP with Ion Exchange (IX) Technology PFD

Title



	R09W	R08W				
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

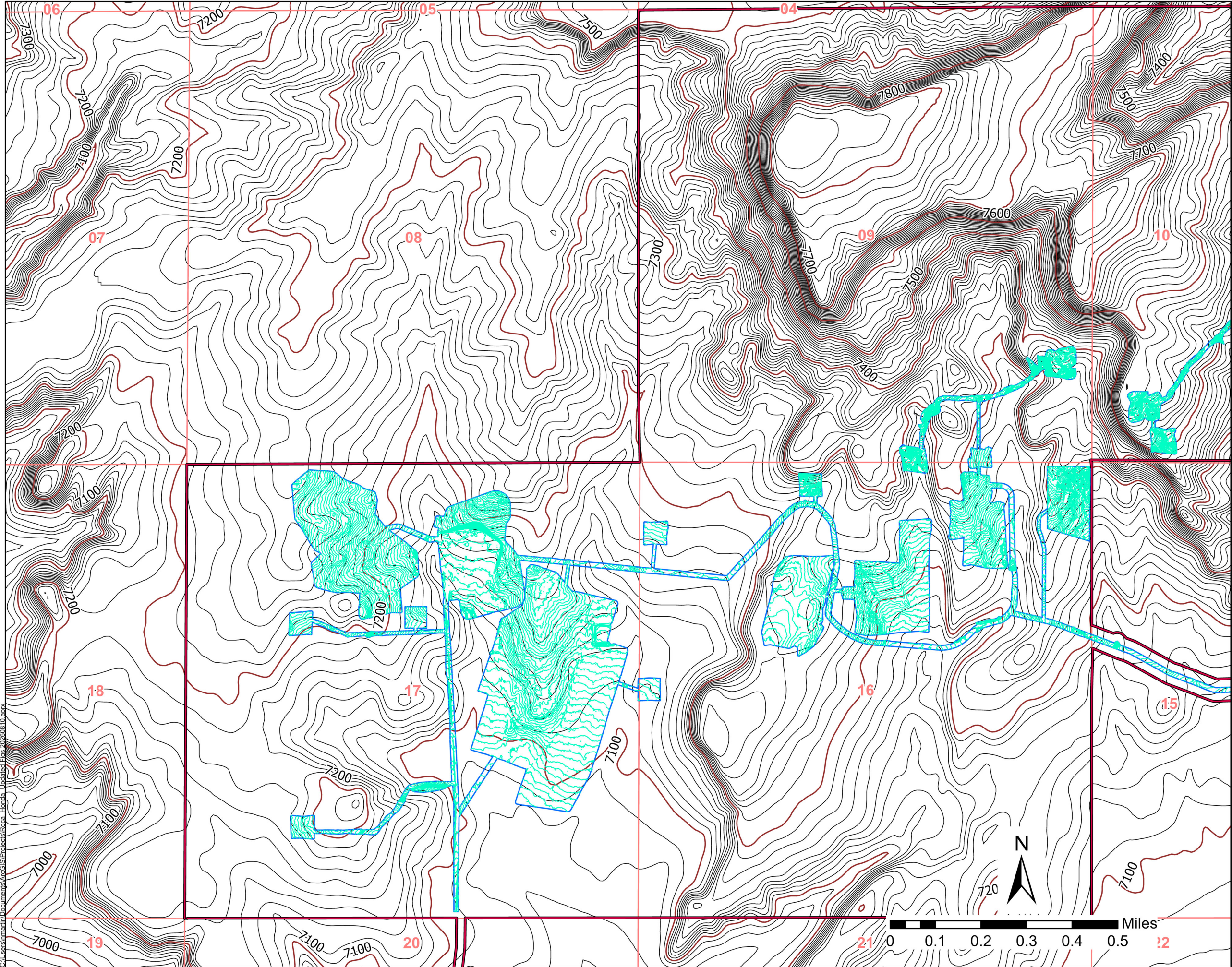
Legend

- Roca Honda Project Area
- Contour - 10 ft.
- Contour - 100 ft.
- Disturbance Boundary
- Reclamation Contours

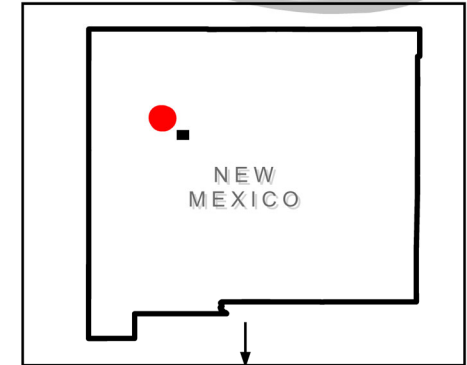
ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Reclamation Contour Index Map
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
35	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



C:\Users\jmartin\Documents\Projects\Roca_Honda_Update\Fig_20260810.dwg



	R09W		R08W		
T14N	36	31	32	33	34
T13N	1	6	5	4	3
	12	7	8	9	10
	13	18	17	16	15
	24	19	20	21	22

Black Outline Denotes Project Area

State Plane Coordinate System Modified
New Mexico, Western Zone, US Foot
NAD 83
C.F. = 0.999573134

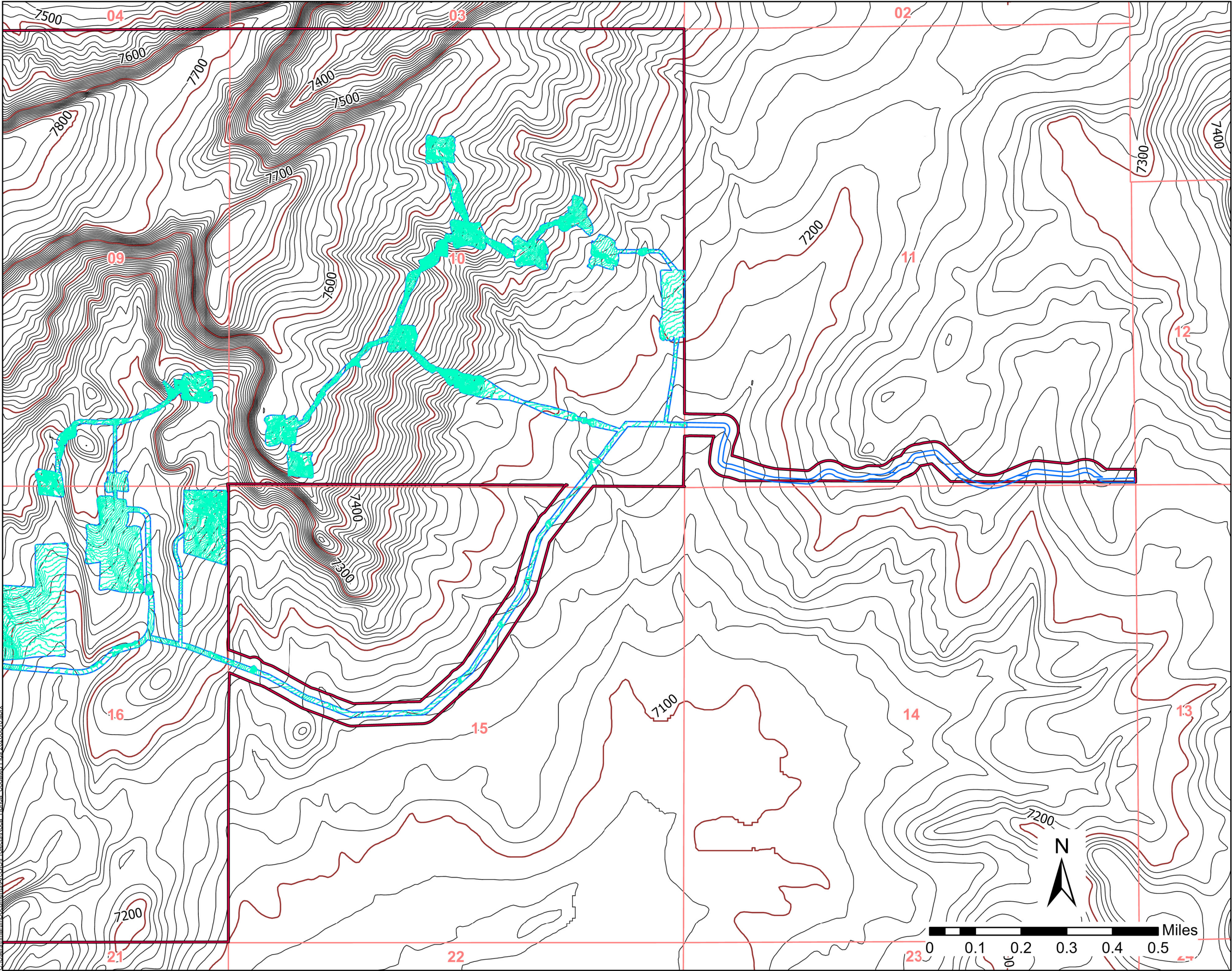
Legend

- Roca Honda Project Area
- Contour - 10 ft.
- Contour - 100 ft.
- Disturbance Boundary
- Reclamation Contours

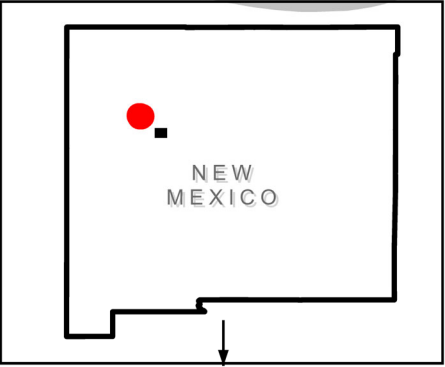
ROCA HONDA RESOURCES LLC.
225 Union Blvd
Lakewood, CO 80228

Reclamation Contour Map
(Sec 9, 16 & 17)
McKinley County, New Mexico

Figure No.:	Drafting:	Scale:
36	NBM	
Date:	Revision:	Rev. Date:
8/10/2026	3	8/17/2026



C:\Users\martin\Documents\Projects\Roca Honda\Updated Figs 20260810.aprx



		R09W		R08W		
T14N	36	31	32	33	34	35
T13N	1	6	5	4	3	2
	12	7	8	9	10	11
	13	18	17	16	15	14
	24	19	20	21	22	23
						24

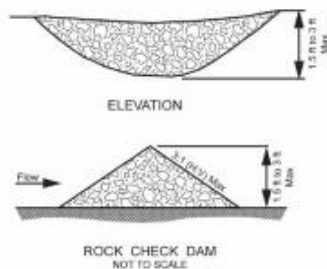
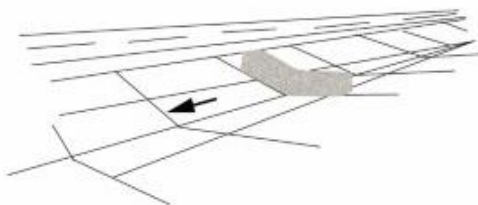
Black Outline Denotes Project Area

State Plane Coordinate System Modified
 New Mexico, Western Zone, US Foot
 NAD 83
 C.F. = 0.999573134

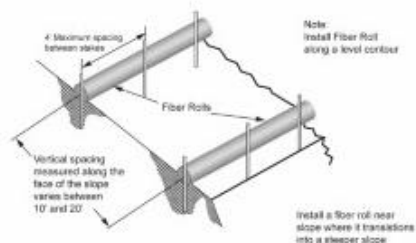
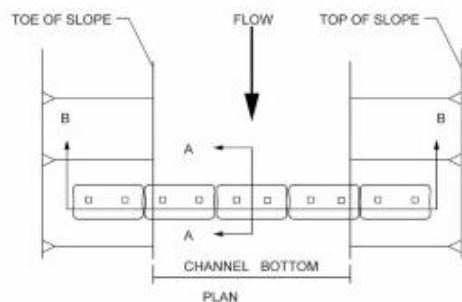
Legend

- Roca Honda Project Area
- Contour - 10 ft.
- Contour - 100 ft.
- Reclamation Contours
- Disturbance Boundary

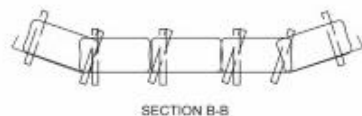
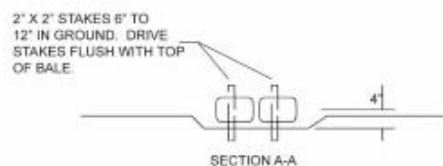
ROCA HONDA RESOURCES LLC. 225 Union Blvd Lakewood, CO 80228		
Reclamation Contour Map (Sec 10, 11 & 15) McKinley County, New Mexico		
Figure No.: 37	Drafting: NBM	Scale:
Date: 8/10/2026	Revision: 3	Rev. Date: 8/17/2026



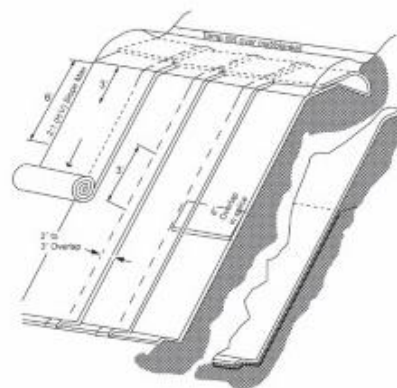
TYPICAL ROCK CHECK DAM SECTION



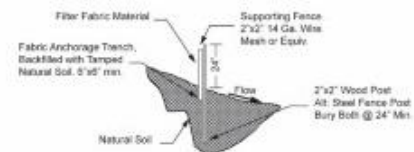
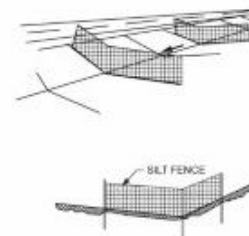
TYPICAL FIBER ROLL INSTALLATION



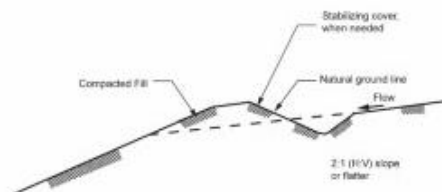
TYPICAL STRAW BALE INSTALLATION



TYPICAL SLOPE SOIL STABILIZATION

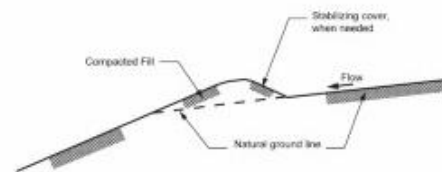


TYPICAL SILT FENCE INSTALLATION



TYPICAL DRAINAGE SWALE
NOT TO SCALE

- NOTES:
1. Stabilize inlet, outlets, and slopes
 2. Properly compact the subgrade



TYPICAL EARTH DIKE
NOT TO SCALE



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

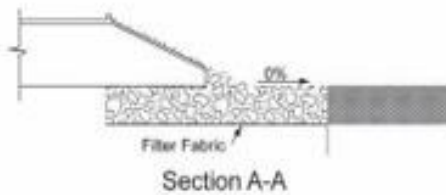
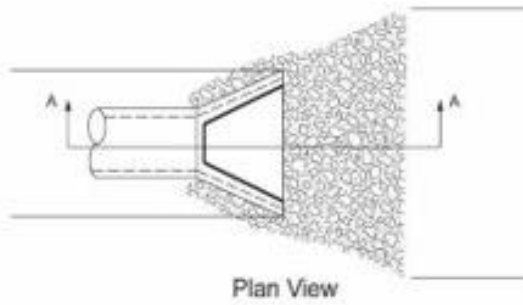
Client/Project

38

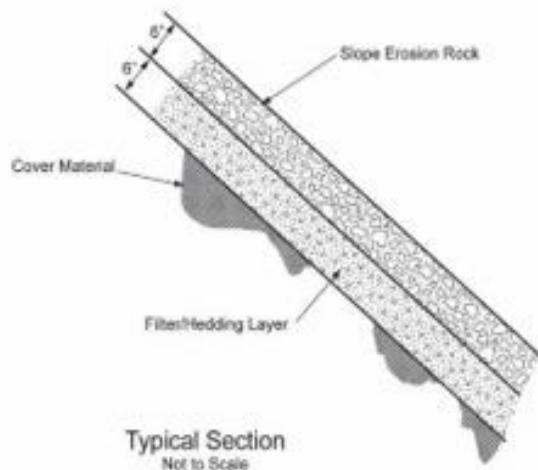
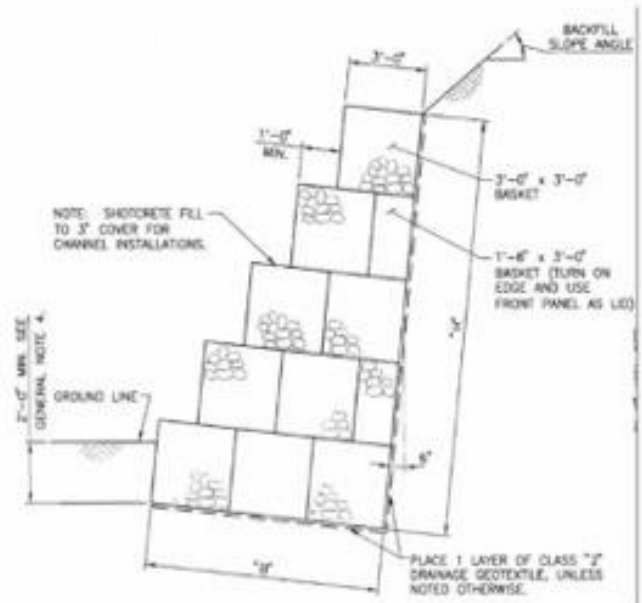
Figure No.

Best Management Practices

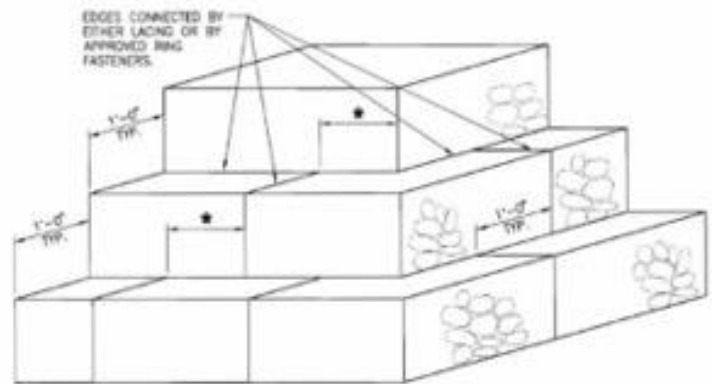
Title



Typical Velocity Dissipation Device



Typical Riprap Installation



McKinley County, New Mexico

Project Location

Roca Honda Resources, LLC

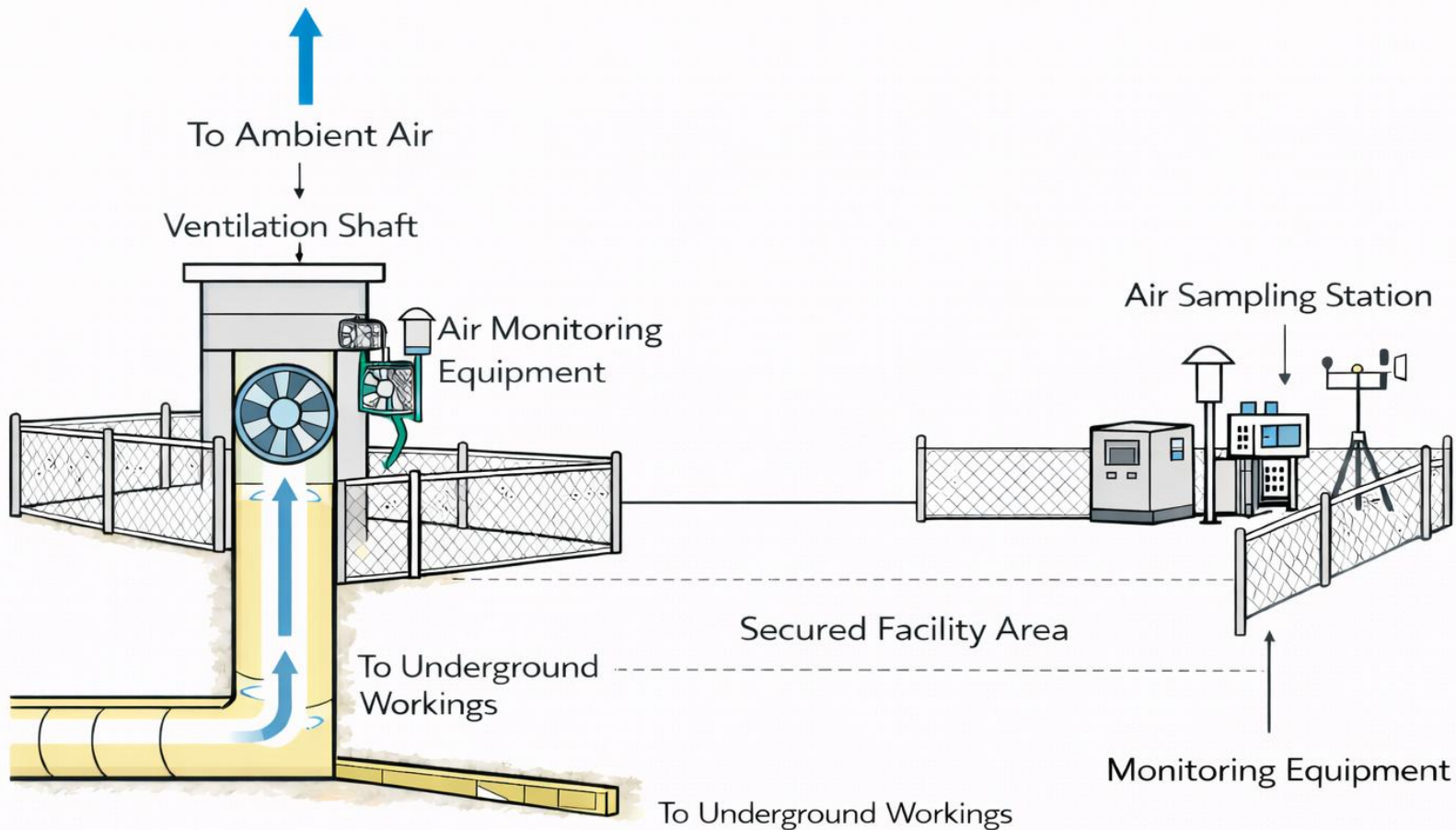
Client/Project

39

Figure No.

Stream Channel Reclamation Typical Details

Title



NOTE: Ventilation Shaft stack height may vary depending on results of air dispersion modeling.

Typical Layout for Ventilation Shaft/Air Quality Monitoring Station



McKinley County, NM

Project Location

Roca Honda Resources, LLC / Roca Honda Mine

Client/Project

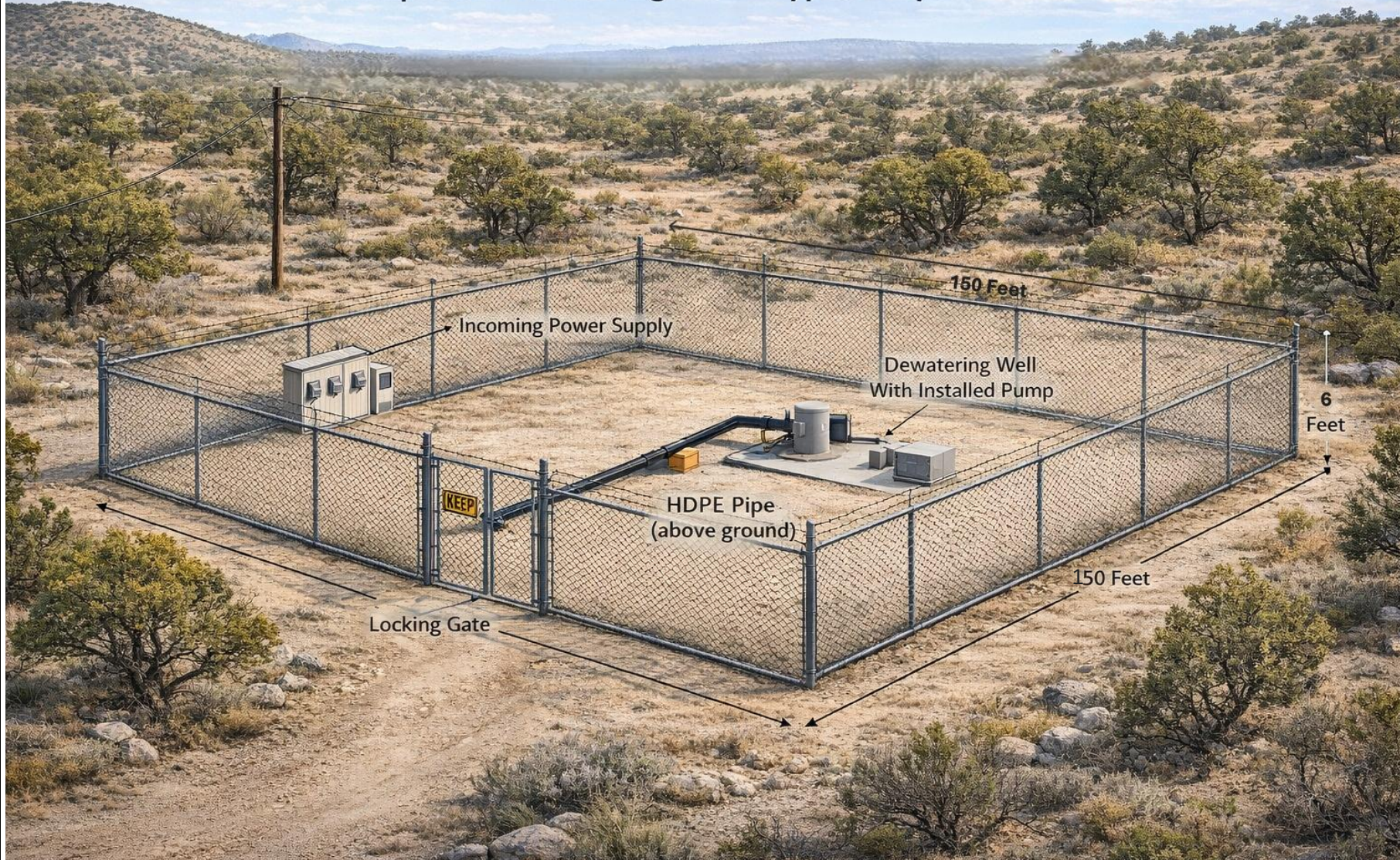
40

Figure No.

Ventilation Shaft and Monitoring Station

Title

Completed Dewatering Well – Typical Layout



McKinley County, NM

Project Location

Roca Honda Resources, LLC / Roca Honda Mine

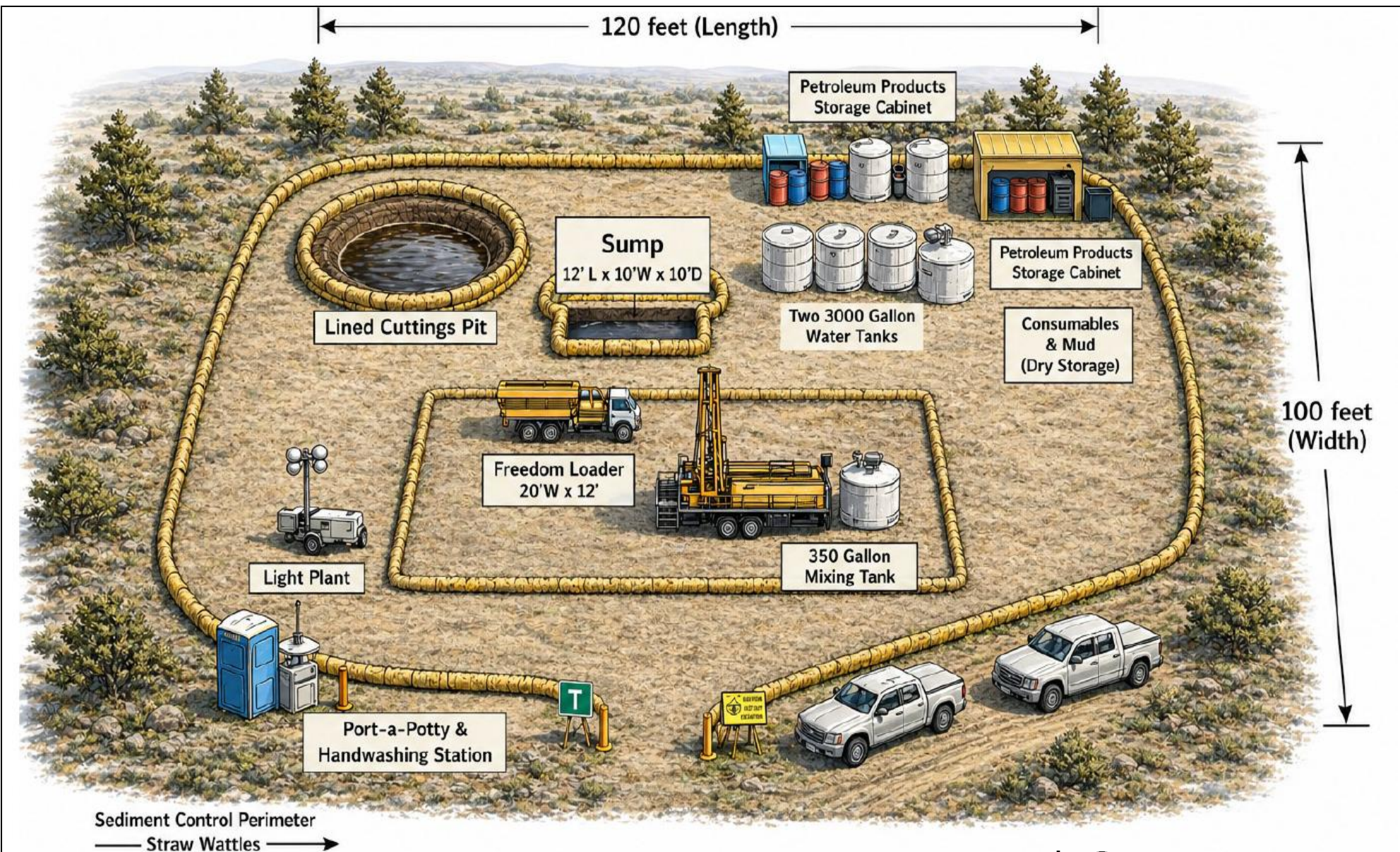
Client/Project

41

Figure No.

Completed Dewatering Well Typical Use

Title



Development Drill Pad - Typical Layout



McKinley County, NM

Project Location

Roca Honda Resources, LLC / Roca Honda Mine

Client/Project

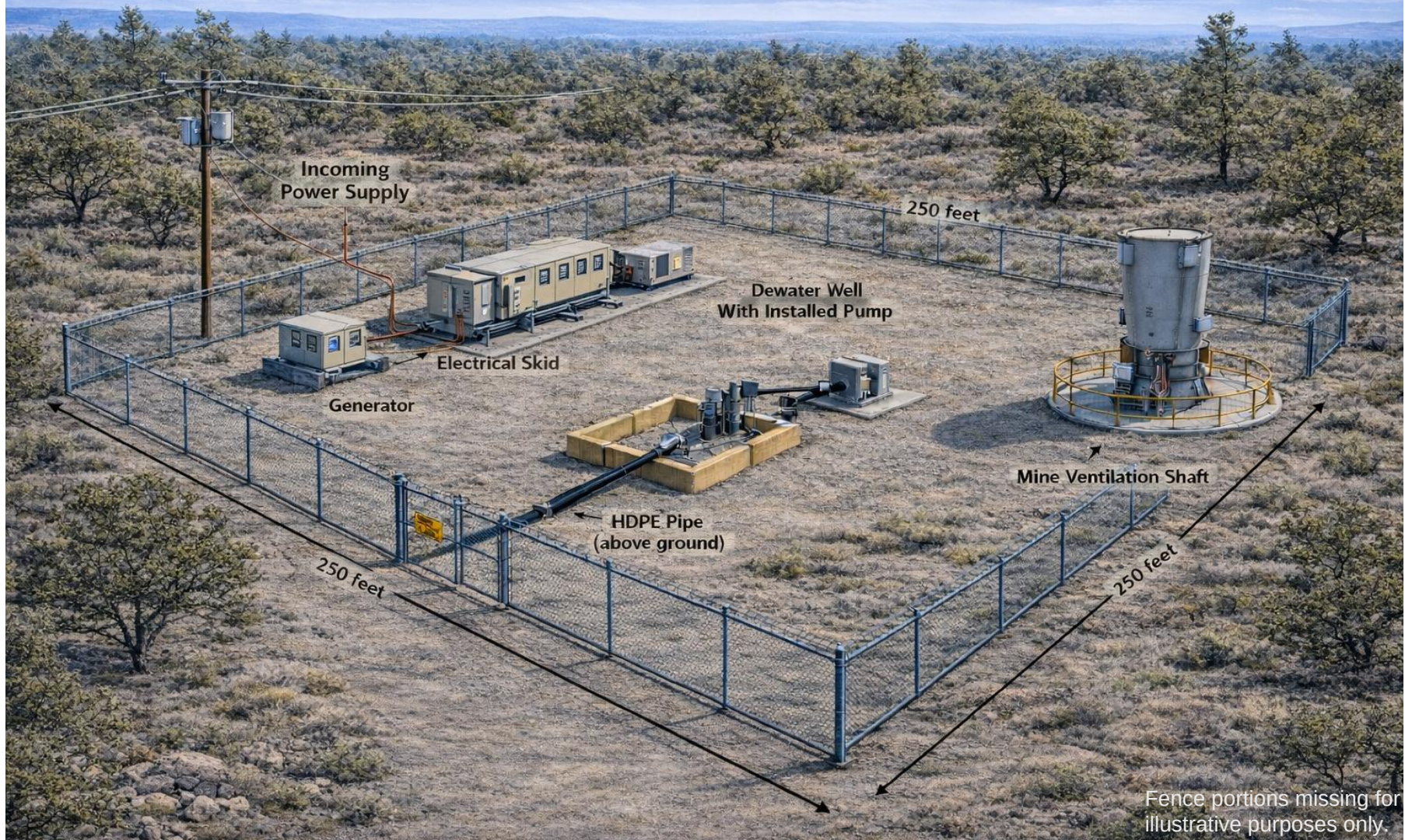
42

Figure No.

Ventilation Shaft and Monitoring Station

Title

Shared Pad for DW Well and Vent Shaft – Typical Layout



McKinley County, NM

Project Location

Roca Honda Mine

Client/Project

43

Figure No.

Completed DW and Vent Shaft Pad
Typical use