

PART 3
MINIMAL IMPACT EXPLORATION OPERATION
PERMIT APPLICATION

Accompanying instructions for this permit application are available from MMD, and on MMD webpage:

<http://www.emnrd.state.nm.us/MMD/MARP/MARPAApplicationandReportingForms.htm>

Send 6 copies of the completed application to:

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Director

Mining and Minerals Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505
Telephone: (505) 476-3400

Webpage: www.emnrd.state.nm.us/MMD/index.htm

CHECK OFF LIST TO DETERMINE YOUR PROJECT'S STATUS AS A MINIMAL IMPACT EXPLORATION OPERATION:

- Yes No My project **will exceed 1000 cubic yards of excavation**, per permit.
- Yes No Surface disturbances for constructed roads, drill pads and mud pits **will exceed 5 acres** total for my project.
- Yes No My project is located in or is expected to have a direct surface impact on wetlands, springs, perennial or intermittent streams, lakes, rivers reservoirs or riparian areas.
- Yes No My project is located in designated critical habitat areas as determined in accordance with the federal Endangered Species Act of 1973 or in areas determined by the Department of Game and Fish likely to result in an adverse impact on an endangered species designated in accordance with the Wildlife Conservation Act, Sections 17-2-37 through 17-2-46 NMSA 1978 or by the State Forestry Division for the Endangered Plants Act, section 75-6-1 NMSA 1978.
- Yes No My project is located in an area designated as Federal Wilderness Area,

Wilderness Study Area, Area of Critical Environmental Concern, or an area within the National Wild and Scenic River System.

Yes No My project is located in a known cemetery or other burial ground.

Yes No My project is located in an area with cultural resources listed on either the National Register of Historic Places or the State Register of Cultural Properties.

Yes No My project will or is expected to have a direct impact on ground water that has a total dissolved solids concentration of less than 10,000 mg/L, except exploratory drilling intersecting ground water may be performed as a minimal impact operation.

Yes No My project is expected to use or using cyanide, mercury amalgam, heap leaching or dump leaching in its operations.

Yes No My project is expected to result in point or non-point source surface or subsurface releases of acid or other toxic substances from the permit area.

Yes No My project requires a variance from any part of the Mining Act Rules as part of the permit application.

If you answer yes to any of the above questions, your project does not qualify as a minimal impact exploration operation.

Confidential Information

Yes No Is any of the information submitted in this application considered by the applicant to be confidential in nature? If yes, please provide this information separately and marked as "confidential."

Timeline

- Exploration applications must be provided no less than 45 days prior to the anticipated date of operations desired by the applicant.
- Renewal applications shall be filed at least 30 days preceding expiration of the current permit. Permits are valid for one year.
- Approved permit is valid for one year from the date of approval.

SECTION 1 – OPERATOR INFORMATION (§304.D.1)

Project Name: Magdalena Tailings Repurposing

Nearest Town To Project: Magdalena, NM

Applicant Name and Contact Information (entity obligated under the Mining Act):

Name: Americas Tailings Inc. (Michael Gingles)

Address: 7902 Glen Ridge Drive

Castle Pines CO 80108

Office Phone: 303-931-8597

Cell Phone: 303-931-8597

Fax Number: N/A

Email: mgingles@americastailings.com

Name of On-Site Contact, Representative, or Consultant:

Name: Dr. Andrew Harley

Address: 1151 Evergreen Parkway

Evergreen CO 80439

Office Phone: 720-840-4703

Cell Phone: 720-840-4703

Fax Number: N/A

Email: andrewharley@ascensionsoil.com

SECTION 2 – RIGHT TO ENTER INFORMATION (§302.D.1)

A. Describe or attach copies of documents that give the applicant the right to enter the property to conduct the exploration and reclamation, include: lease agreements, access agreements, right of way agreements, surface owner agreements, and claim numbers, if applicable.

The applicant hold rights to enter certain properties, and to conduct exploration and reclamation in areas situated within Sections 24, 25, 35 and 36, Township 2 South, Range 4 West, and Sections 1 and 2, Township 3 South, Range 4 West. The combined property areas in these Sections where the applicant currently holds rights or may hold rights in the future are referred to as the Magdalena Tailings Repurposing Project.

Attachment 1

B. List the names and addresses of surface and mineral ownership within the proposed permit area. If the mineral is federal mineral, indicate as federal mineral, but provide the name of the claim holder or lease holder.

Surface Estate Owner(s):

Name	Address	Phone #
<input type="checkbox"/> U.S. BLM	_____	_____
<input checked="" type="checkbox"/> U.S. Forest Service	<u>US Forest Service, 333 Broadway</u> <u>Magdalena Ranger District, 203 F</u>	<u>505-842-3292</u>
<input type="checkbox"/> State of NM	_____	_____
<input checked="" type="checkbox"/> Private/Corporate	<u>P.O. Box 141</u> <u>Magdalena, NM 87825</u>	<u>505-205-6742</u>
<input type="checkbox"/> Other	_____	_____
Name: _____	_____	_____

Lease Holder(s) of Surface Estate (if applicable):

Name	Address	Phone #
<u>Grace Marie Dobson and Frar</u>	<u>P.O. Box 141</u>	<u>505-205-6742</u>
	<u>Magdalena, NM 87825</u>	
_____	_____	_____
_____	_____	_____

Mineral Estate Owner(s):

Name	Address	Phone #
<input type="checkbox"/> Bureau of Land Management	_____	_____

<input type="checkbox"/> US Forest Service	_____	_____

<input type="checkbox"/> State of NM	_____	_____

<input checked="" type="checkbox"/> Claim/Lease Holder	<u>P.O. Box 141</u>	<u>505-205-6742</u>
Name: <u>Grace Marie Dobson ar</u>	<u>Magdalena, NM 87825</u>	
Claim Numbers: <u>MS 523A</u>	_____	
<input checked="" type="checkbox"/> Claim/Lease Holder	<u>7902 Glen Ridge Dr, Castle Pines</u>	<u>303-931-8597</u>
Name: <u>Americas Tailings Inc.</u>	_____	
Claim Numbers: <u>MS 523A, NMMC202332</u>	_____	
<input type="checkbox"/> Other	_____	_____
Name: _____	_____	_____

C. Has a Cultural Resource Survey been performed on the site? Yes No

If yes, please provide the author, title, date and report number, and include a copy of the survey with this application, if possible:

Attachment _____

D. Has a wildlife survey or vegetation survey been performed for the permit area?

Yes No If yes, please provide the author, title, date and report number, and include a copy of the survey with this application, if possible:

Attachment _____

SECTION 3 – MAPS AND PROJECT LOCATION (§302.D.2)

A. Project Location:

Township 2S Range 4W Section 36
 Township 3S Range 4W Section 2
 Township _____ Range _____ Section _____

List the drill hole/exploration name and the GPS coordinates for each site.

I.D. Number	Northing / Latitude	Easting / Longitude	I.D. Number	Northing / Latitude	Easting / Longitude
See Maps and Tables in Attachment 1					

Coordinate system used to collect GPS data points:

- | | |
|---|--|
| <input type="checkbox"/> NAD83 Geographic
<input type="checkbox"/> NAD83 UTM Zone 13 (or 12)
<input checked="" type="checkbox"/> WGS 1984 | <input type="checkbox"/> NAD27 Geographic
<input type="checkbox"/> NAD27 UTM Zone 13 (or 12)
<input type="checkbox"/> Other: _____ |
|---|--|

Attachment 1 (for listing additional boreholes)

B. Maps (see application form instructions for examples of maps to be included):

Are topographic maps included with the application that show the following items:

- Yes – The boundary of the proposed exploration project Permit Area
- Yes – The proposed exploration locations (i.e., borehole locations)
- Yes – Existing roads, new roads and overland travel routes
- Yes N/A – Areas of proposed road improvement

Attachments 1

Are maps or figures included with the application showing the approximate dimensions and locations of drill pads and other disturbances:

- Yes – Drill pad dimensions and constructed drill pad locations

Attachments _____

C. Provide detailed driving directions to access the site:

Both properties can be accessed via a local paved road (Kelly Road) which originates in the town of Magdalena, Socorro County, New Mexico, at the intersection with Highway 60.

Dobson Property: Heading south 2 miles on Kelly Road, the road takes a left fork and continues eastwards; this section of the road is unpaved. A further 0.5 miles along Kelly Road, the Dobson Properties can be accessed through a road between Kelly Road and Stendel Ridge Road on the left (north side) of the road, and passing through a BLM entry point.

Magdalena South Property: Heading south 2 miles on Kelly Road, the road takes a right fork and continues southwards as Hop Canyon Road. A further 0.4 miles along Hop Canyon Road, the road takes a left fork and continues southwards. A further 0.15 miles along Hop Canyon Road, the Magdalena South Property is located on the left (east side) of the road; this section of the road is unpaved..

SECTION 4 – EXPLORATION DESCRIPTION (§302.D.3 & 4)

A. Anticipated exploration: Start Date: 04/05/2021 End Date: 04/09/2021

B. List the mineral(s)/element(s) to be explored for: zinc, silver, agronomic nutrient elemer

C. Proposed method(s) of exploration:

Air drilling (air rotary, coring, etc.):

_____ # of holes _____ Depth (ft.) _____ Diameter (in.)

_____ # of drill pads _____ Length (ft.) _____ Width (ft.)

Will drill pads be graded/bladed or overland: Graded/bladed Overland

Will drill pads need some mechanical leveling (grading/blading): Yes No

Approx. Weight of Drill Rig (lbs.) _____ Number of Axles: _____

Total length of drill stem that can be carried on the rig: _____

Is a support pipe truck anticipated? Yes No _____ Weight (lbs.)

Weight of support compressor (lbs.): _____ Trailer mounted? _____

Anticipated Drilling Contractor: _____ License No. _____

Mud/fluid drilling:

_____ # of holes _____ Depth (ft.) _____ Diameter (in.)

_____ # of drill pads _____ Length (ft.) _____ Width (ft.)

Will drill pads be graded/bladed or overland: Graded/bladed Overland

Will drill pads need some mechanical leveling (grading/blading): Yes No

Will a closed loop system be used or will mud/fluid pits be used? _____

If mud/fluid pits are proposed:

_____ # of pits _____ Length (ft.) _____ Width (ft.) _____ Depth (ft.)

Anticipated excavating equipment: _____

How will excavating equipment be transported to the site (i.e., driven, low-boy, etc.):

Will mud pits be lined?: Yes No

If yes, proposed material to line the mud pits: _____

Approx. Weight of Drill Rig (lbs.) _____ Number of Axles: _____

Anticipated Drilling Contractor: _____ License No. _____

Test pits / exploratory trenches:

_____ # of pits _____ Length (ft.) _____ Width (ft.) _____ Depth (ft.)

Anticipated excavating equipment: _____

How will excavating equipment be transported to the site (i.e., driven, low-boy, etc.):

Other methods of exploration (i.e., cuts, shafts, tunnels, adits, declines, blasting, etc.). Indicate method and details:

2" diameter hand auger to maximum depth of 48".

TOTAL ACREAGE TO BE DISTURBED DUE TO DRILL PADS = 0 acres
(to convert to acres, multiply total square footage of drill pads by 0.0000229)

D. Disposal of drill cuttings

If this exploration project is for uranium or other radioactive elements/minerals, applicant agrees to perform a gamma radiation survey at each drill site prior to, and after, exploration activities. Applicant/Owner/Operator agrees to restore gamma radiation levels at each drill site to pre-exploration levels. Yes No N/A

Will excess drill cuttings be buried at each drill site location or within a single disposal pit?
 At each drill pad location Within a single disposal pit

If a single disposal pit is proposed, please provide the following:

Description or GPS coordinates of the proposed cuttings disposal pit location:

N/A

Dimensions of the single proposed cuttings disposal pit (length, width, and depth):

_____ Length (ft.) _____ Width (ft.) _____ Depth (ft.)

TOTAL ACREAGE TO BE DISTURBED DUE TO DISPOSAL PIT = N/A acres
(to convert to acres, multiply total square footage of disposal pit by 0.0000229)

E. Other Supporting Equipment (check all that apply):

- | | | | |
|-------------------------------------|--------------------------|----------------|----------------------------------|
| <input checked="" type="checkbox"/> | 4x4 Trucks/Vehicles | Quantity: | <u>1 pickup</u> |
| <input type="checkbox"/> | Water Truck | Weight (lbs.): | _____ |
| <input type="checkbox"/> | Geophysical Truck | Weight (lbs.): | _____ |
| <input type="checkbox"/> | Pipe Truck (rig support) | Weight (lbs.): | _____ |
| <input type="checkbox"/> | Bulldozer | Type: | _____ |
| <input type="checkbox"/> | Backhoe | Type: | _____ |
| <input type="checkbox"/> | Trackhoe | Type: | _____ |
| <input type="checkbox"/> | Scaper/Grader | Type: | _____ |
| <input type="checkbox"/> | Trailers | Quantity/Type: | _____ |
| <input type="checkbox"/> | Portable Toilet | Quantity: | _____ |
| <input type="checkbox"/> | Other | List: | _____

_____ |

F. Roads and Overland Travel:

List of new roads to be constructed for this exploration project:

Description of <i>NEW</i> Roads	Length (ft.)	Width (ft.)	Total Acres (length x width x 0.0000229)
TOTAL ACRES DISTURBED BY NEW ROAD CONSTRUCTION :			0

Describe how new roads will be constructed:

No new roads will be constructed. Sites will be accessed by existing public roads and entered on foot.

List for extension or widening of existing roads:

Description of Modification to <i>EXISTING</i> Roads	Length (ft.)	Width (ft.)	Total Acres (length x width x 0.0000229)
TOTAL ACRES DISTURBED BY ROAD IMPROVEMENTS :			0

Describe how existing roads will be extended or widened:

N/A

List for routes of overland travel:

Description of <i>OVERLAND TRAVEL</i> Routes	Length (ft.)	Width (ft.)	Total Acres (length x width x 0.0000229)
TOTAL ACRES DISTURBED BY OVERLAND TRAVEL :			0

G. Support Facilities

Describe (location and size) any support facility disturbances (equipment staging, equipment and material storage and/or lay down areas, vehicle parking, temporary housing and/or trailers) to be created or situated on the site during exploration operations.

No support facilities will be constructed or areas disturbed.

H. TOTAL ACREAGE TO BE DISTURBED BY PROJECT = 0 acres
(include all disturbed acreage from drill pads, cuttings disposal pit, new roads, improved roads and overland travel routes)

SECTION 5 – CHEMICAL USE (§302.D.4)

A. Check any and all chemicals that will be used for this project.

<input type="checkbox"/> Drilling Mud (i.e., EZ Mud)	Type/Quantity:	_____
<input type="checkbox"/> Diesel Fuel	Quantity:	_____
<input type="checkbox"/> Down-hole Lubricants	Type/Quantity:	_____
<input type="checkbox"/> Lost Circulation Materials	Type/Quantity:	_____
<input type="checkbox"/> Oils/Grease	Quantity:	_____
<input type="checkbox"/> Gasoline	Quantity:	_____
<input type="checkbox"/> Hydraulic Fluid	Quantity:	_____
<input type="checkbox"/> Ethylene Glycol	Quantity:	_____
<input type="checkbox"/> Cement	Type/Quantity:	_____
<input type="checkbox"/> Water	Source:	_____
<input type="checkbox"/> Bentonite	Quantity:	_____
<input type="checkbox"/> Fertilizer	Type/Quantity:	_____
<input type="checkbox"/> Other	Type/Quantity:	_____

B. Describe, in detail, a plan for the containment, use and disposal of all chemicals listed above:

N/A

C. Describe where equipment fueling/refueling will occur:

N/A. Pickup refueling will occur at a commercial facility off-site.

D. Describe how hazardous material spills/leaks will be handled:

N/A

E. Identify spill cleanup materials that will be kept on-site (check all that apply):

- Bentonite clay or cat litter
- Adsorbent pads, rolls, mats, socks, pillows, dikes, etc.
- Drum or barrel for containing contaminated soil/adsorbent materials
- Other/list: _____
- Other/list: _____
- Other/list: _____

F. Applicant/owner/representative agrees to immediately notify the State of New Mexico immediately of any spills of hazardous materials (see page 1 of this application for phone numbers to notify): Yes No

**SECTION 6 – GROUNDWATER/SURFACE WATER INFORMATION
(§302.D.5)**

- A. Provide an estimate of depth to ground water and the total dissolved solids (TDS) concentration.

Depth to groundwater (ft.): 100-150 TDS concentration (mg/L): 400

Describe the source of this information:

Review of the New Mexico Office of State Engineer indicates several wells in the vicinity of the site with various depths to water, all within this range. A review of USGS National Water Information System indicated similar water depths. The TDS concentration was obtained from well within the USGS database.

- B. Will dewatering activities be conducted: Yes No

If yes, please describe:

- C. Is groundwater anticipated to be encountered during exploration: Yes No

If YES:

Have you completed Form WR-07 (Application for permit to drill a well with no consumptive use of water) and mailed it to the District Office of the State Engineer? Yes

Have you completed Form WD-08 (Well plugging plan of operations) and mailed it to the District Office of the State Engineer? Yes

Attachment 1 (copies of the completed WR-07 and WD-08 forms)

- D. Exploration Borehole Abandonment

Dry Boreholes

- Dry hole abandonment (option 1): 100% bentonite pellets/chips (i.e. HOLEPLUG® manufactured by Baroid Industrial Products), dropped from surface then hydrated in place according to the manufacturer's recommendations, emplaced from total depth to within 12 feet of the original ground surface, followed by 10 feet of neat cement, followed by 2 feet of topsoil/topdressing.

- Dry hole abandonment (option 2): Neat cement slurry, mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 2 feet of the original ground surface, followed by 2 feet of topsoil/topdressing.
- Dry hole abandonment (option 3): Cement + 6% bentonite slurry, mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 2 feet of the original ground surface, followed by 2 feet of topsoil/topdressing.
- Dry hole abandonment (option 4): High-density bentonite clay ($\geq 20\%$ active solids; i.e. QUIK-GROUT® manufactured by Baroid Industrial Products), mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 12 feet of the original ground surface, followed by 10 feet of neat cement, followed by 2 feet of topsoil/topdressing.
- Dry hole abandonment (option 5): Other materials / describe and justify use:

Wet Boreholes

- Wet hole abandonment (option 1): Neat cement slurry, mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 2 feet of the original ground surface, followed by 2 feet of topsoil/topdressing.
- Wet hole abandonment (option 2): High-density bentonite clay ($\geq 20\%$ active solids; i.e. QUIK-GROUT® manufactured by Baroid Industrial Products), mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 12 feet of the original ground surface, followed by 10 feet of neat cement, followed by 2 feet of topsoil/topdressing.
- Wet hole abandonment (option 3): Other sealing material approved by the Office of the State Engineer. Describe and include well plugging plan approval by the State Engineer:

- D. Applicant agrees to contain any water produced from the exploration borehole at the drill site and acknowledges that discharge of this water to a watercourse may be a violation of the Federal Clean Water Act: Yes No

E. Is any drilling proposed to occur within the channel of any perennial, intermittent, or ephemeral streams? Yes No

F. Is any drilling anticipated to occur within 100 feet of any perennial, intermittent, or ephemeral streams? Yes No

**SECTION 7 – RECLAMATION & OPERATION PLAN
(§302.D.6 AND 302.I.K)**

A. Salvage/Preservation of Topsoil

Before any grading/blading or similar activities occur in relation to this project, operator agrees to salvage and preserve all topsoil and topdressing for use in future reclamation of this project Yes No

Describe how topsoil will be salvaged prior to initiation of exploration activities (check all that apply):

- N/A – no construction work will occur, therefore no soil salvage is needed.
- Excavated from drill pads and stored at each drill pad
- Excavated from road improvements/construction and stored adjacent to road
- Excavated from mud/fluid pits and storage at each pit
- Other, describe:

B. Erosion Control

Describe the best management practices that will be implemented to control erosion:

- Silt fencing Location: _____
- Straw wattles Location: _____
- Straw bales Location: _____
- Ditches/swales Location: _____
- Berms/dikes/dams Location: _____
- Sediment basins Location: _____
- Other or N/A Type/Location: Minimal surface disturbance associated with hand auger advancement on level ground.

C. Wildlife Protection / Noxious Weed Prevention

Will the perimeter of drill pits be fenced to prevent wildlife entrapment? Yes No

Proposed pit perimeter fence material:

N/A - no drill pits

Describe how the pit perimeter fencing will be installed and secured (i.e., T-posts, wooden stakes, etc.):

N/A - no drill pits

Will at least one side of the interior of the drill pits be sloped at 3:1 as a ramp for wildlife escape? Yes No

If No, will another type of constructed escape ramp be installed? Describe:

N/A - no drill pits

Applicant/Owner/Operator commits to pressure-washing or steam-clean all equipment prior to entering the permit area: Yes No

D. Reclamation Details

Describe in general how re-contouring or re-establishment of the surface topography will be restored:

Surface topography will not be disturbed during hand augering.

Describe how the reclamation of portals, adits, drilling fluid/mud and/or waste pits, shafts, ponds, roads and other disturbances will be performed:

N/A - no disturbances will occur.

Is seeding of the reclaimed areas proposed: Yes No

If no, provide a justification as to why no revegetation is needed:

60, 1" holes will be advanced and surface material replaced. Current tailings surface are sparsely vegetated.

Plant mix to be used in the re-establishment of vegetation:

- US Forest Service specified mix applied through broadcast at their recommended rate
- BLM specified mix applied through broadcast at their recommended rate
- Other:

Plant Name

Seeding Rate (lbs./acre)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Broadcast applied or drill-seeded: Broadcast Drill-seeded

Scarification Methods (check all that apply):

- Primary tillage to greater than 6-inches depth of all constructed drill pads and roads
- Secondary tillage of all constructed drill pads and roads, and/or overland travel routes
- Chain drag or tire drag over seeds in areas used for overland travel
- Light raking of soil over seeds in areas used for overland travel
- None
- Other/describe:

Mulch Use:

- Certified weed-free straw mulch will be placed over areas that have been tilled/disc'd or ripped at a rate of 2 tons per acre, and will be crimped in place
- No mulch is proposed

E. Reclamation Timeline

Applicant/Owner/Operator commits to reclamation of the disturbed area as soon as possible following the completion or abandonment of the exploration operation, unless the disturbed area is included within a complete permit application for a new mining permit:

- Yes
- No

Anticipated Start of Reclamation:

- 0-30 days after completion of drilling
- 31-60 days after completion of drilling
- Other/specify: No reclamation will be undertaken.

**SECTION 8 – PERMIT FEES AND FINANCIAL ASSURANCE
(§302.1.2 AND 5)**

A. Financial assurance must be posted with Mining and Minerals Division prior to approval of this application. The acceptable forms of financial assurance are surety bonds, letters of credit, and certificates of deposit. Provide an estimate of, and an instrument for, the proposed financial assurance required by Subpart 3.

- Surety Bond
- Letter of Credit
- Cash Account / Certificate of Deposit

Estimated amount of financial assurance: _____

Or

Applicant will provide the amount of financial assurance calculated by MMD.

B. Attach the permit fees as determined pursuant to Subpart 2. The application fee for a minimal impact exploration permit is \$500.00.

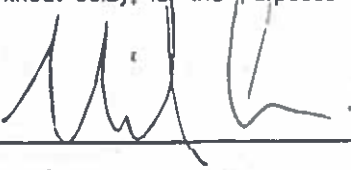
- Money Order/Cashier's Check
- Check

Check Number : 1056

Financial Institution: JPMorgan Chase

SECTION 9 – CERTIFICATION REQUIREMENT (§302.1.3 & 4)

I certify that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals responsible for obtaining the information; I believe the submitted information is true, accurate, and complete. I agree to comply with the reclamation requirements set forth in this permit application and related correspondence, the New Mexico Mining Act and the Rules. Further, I certify that I am not in violation of any other obligation under the New Mexico Mining Act or the Rules adopted pursuant to that Act and I allow the Director to enter the permit area, without delay, for the purposes of conducting inspections during exploration and reclamation.

Signature of Permittee or Authorized Agent: 

Name (type or print): MICHAEL J. GINGLES

Title/Position: DIRECTOR

Date: February 17, 2021

Americas Tailings Inc.

Minimal Impact Exploration Operation – Permit Application

Attachment 1

Right to Enter Information & Location Maps

A. Dobson Property (Survey 523A)

A1. Description of Property

Meridian, Township, Range. Section, County State. Portion of NW ¼ of Section 36 Township 2 South., Range 4 West

Legal Description:

Beginning at the Cor. No. 1, a juniper post 5"x5"x4' set 2 ft. in the round with a mound of earth and marked 1/523A whence a blazed pinon tree 3" in dia. Marked B.T 1/523A bears S.62° 36' E. 13.33 ft., a blazed pinon tree 5" in dia. Marked BT 1/523A bears S.23° 49'W. 6.06 ft. and U.S. Locating Monument Baxter bears N. 76° 46' W. 779.9 ft., and from this Loc. Mon. the N.W. Cor. Of Section 36 T.2S., R. 4 W., bears N. 83° 39' W. 2767.50 ft.,

Thence N. 68° 41' E., to Cor. No.2, a juniper post 5"x5"x4'set 2 feet in the ground with mound of earth and marked 2/523A,

Thence S. 21° 19' E. along the lower ridge of the foothills over rolling ground to Cor. No. 3, a limestone 8"x8"x20" set in 14" in the ground with mound of stone alongside and marked 3/523A whence the N.E. Cor. Of the Graphic Lode, Sur. No. William T. Thornton et. al. claimants, bears S. 71° 30' E. 165.35 ft., a blazed pinon tree 8" in dia. Marked B.T. 3/523A bears N.64° 22' E. 13.77 ft. and a blazed pion tree 9" in dia. Marked B.T. 3/523A bears N. 15° 35' W. 34.60 ft.

Thence S. 68° 41' W., to arroyo, course N. 30° W. to arroyo course N. 50° W. ascending to Cor. No. 4 a juniper post 4 1/2 " x 5"x4' set 2 ft. in the ground with a mound of earth and marked 4/523A, whence Sierra Ventana bears N. 48° 03'W., Magdalena Mtn bears S. 77° 51' W., a blazed pinon tree 3" dia. Marked B.T. 4/523A bears N. 89° 23'E. 7.17 ft. and a blazed pinon tree 5" in dia. marked BT 4/523A bears S. 1° 21'E. 22.75 ft.

Thence N, 21° 19' W. descending to Cor. No. 1 the place of beginning.

Magnetic Variation 13° 05'E. on all courses.

Containing 20.66 Acre.

A2. Right to Enter

Surface Owner: Tri-Bullion Corp. and American Smelting & Refining Co. as lessors to William Dobson and J.A. MacDonald and Successors Grace Marie Dobson and Frank Henry Dobson.

Mineral Estate: lessees William Dobson and J.A. MacDonald and Successors Grace Marie Dobson and Frank Henry Dobson (further legal due diligence ongoing)

Memorandum of Mineral Lease and Purchase Agreement (see Exhibits 1-A), dated as of December 16, 2020, between Americas Tailings Inc., and Grace Marie Dobson and Frank Henry Dobson.

A3. Location Maps (see Exhibits 1-A)

USGS Map attached to filings with Socorro Count NM and BLM.

US GLO Plat Sur. 523A

Auger Hole Location Map

B. Magdalena South Property

B1. Description of Property

Meridian, Township, Range, Section N½ NE¼ SE¼ of Section 2 and the N½ NW¼ SE¼ of Section 2, Township 3 South, Range 4 West, NMPM, south of Magdalena, Socorro County, New Mexico

Legal Description:

“Beginning at Corner 1, the NE Corner, being a point on the east-west midsection line of aforementioned Section 2 being a distance of 150 feet the north south boundary line common to Sections 1 & 2, T. 3 S., R. 4 W., NMPM;

thence, S. 00° 00" E., a distance of 670 feet to Corner No. 2, the SE corner;

thence, N. 90° 00' 00" W., a distance of 1205 feet along the east-west midsection line of the NE¼ SE¼ of Section 2 to Corner No. 3, the SW corner, being a point of intersection with a steel post and rail fence;

thence, N. 05° 00' 00" E., a distance of 300 feet along the steel post and rail fence to Corner No. 3A a point at the termination of a steel post and rail fence and intersection with a wire and post fence;

thence, N. 90° 00' 00" W., a distance of 170 feet to Corner No. 3B;

thence, N. 07° 00' 00" W., a distance of 355 feet to Corner 4;

thence, N. 90° 00' 00" E., a distance of 1418 feet along the east-west midsection line of Section 2 to Corner 1 the place of beginning.

With the 40 foot Right of Way (NMNM—077596) crossing the western portion of this claim.

Containing 20 acres, more or less.”

B2. Right to Enter

Surface Owner: United States Forest Service, Department of Agriculture.

Mineral Estate staked on November 13, 2020 – as filed with the clerk of Socorro County New Mexico on December 11, 2020 (Inst. 20202283) and with the U.S. Bureau of Land Management (BLM no. NMMC202332)

Location Certificate: Socorro County Filing (see Exhibits 1-B)

B3. Location Map (see Exhibits 1-B)

USGS Map attached to filings with Socorro Count NM and BLM.
Auger Hole Location Map

EXHIBITS FOR SECTION 1-A

Dobson Property (Survey 523A)

MEMORANDUM OF MINERAL LEASE AND PURCHASE AGREEMENT

State: New Mexico
County: Socorro
Lessor: GRACE MARIE DOBSON and FRANK HENRY DOBSON
Lessee: AMERICAS TAILING INC.
7902 Glen Ridge Drive, Castle Pines, CO 80108

Effective Date: December 16, 2020

For adequate consideration, Lessor named above, has granted, leased and conveyed to Lessee, named above, for the purpose of extraction, mining, processing and owning minerals and other substances produced or previously extracted together with the right to survey, establish and utilize facilities for extraction, mining, and processing Mineral Substances from the leased premises, construct roads and bridges, build storage tanks, communication facilities, and other structures on said land necessary or useful in Lessee's operations in exploring, producing, treating, storing, processing, owning and transporting such minerals produced from or located on the land leased (the "Premises"), the following described land situate in Socorro County, State of New Mexico, to wit:

1. Patented Claims Group One.

- 1.1. Nit (Nitt) Mine: Shaft, underground workings, including Nit (Nitt) and North Graphic dumps only.
- 1.2. Extension No. 1 North Graphic Lode-Survey No. 523A, 20.66 acres A patented mining claim in Socorro County, New Mexico, in the Magdalena Mining District known as Extension Number 1 of the North Graphic Lode, Survey No. 523A, consisting of approximately 12.83 acres of the entire 20.66 acres, or an undivided 62.11 % interest located in the NE 1/4 of Section 36, Township 2 South, Range 4 West, NMPM.
- 1.3. Silver Bell Lode. Survey No. 858 consisting of 12.23 acres; located in the Magdalena Mining District, in the N.E. and N.W. quarter of Section 36, T.2-S, R. 4-W. Socorro County, State of New Mexico.

2. Patented claims

2.1. North Graphic Mill Site: Survey No. 523B, 5 acres, W.L. Dobson ½ undivided interest. This is a one-half (1/2) undivided interest in the North Graphic Mill Site Survey No. 523B consisting of 5 acres, located in the Magdalena Mining District in section 24 & 25 T. 2-S, R. 4-W.

3. Unpatented Claims Group One (claims contiguous to Nit Mine).

3.1. Nit Amended - approximately 20 acres, Notice Vol. 250, Page 196. Mining Claim known as Nit Amended as recorded and amended in the records of the Clerk of Socorro County, State of New Mexico, in Vol. 250 of Mining, Page 196: Located in the Magdalena Mining District, in the N .E. quarter of section 26. T. 2-S, R. 4-W. bounded on the South by Silver Bell Lode, Survey No. 858, on the East by Ozark and Tri-Bullion No. 2, and on the West by William Mining Claims.

3.2. Ozark - approximately 6.60 acres, Notice Vol. 250, Page 196.

3.3. William - approximately 20 acres, Amended Location Notice Vol. 71, Page 168.

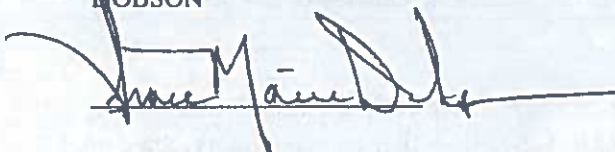
3.4. Tri-Bullion #2 - approximately 14.4 acres, Vol. 71, Page 195 and Amended Location Notice Vol. 250,335.

NOTE: Items In Paragraph (3)(1-4) cannot be sold, only reassigned.

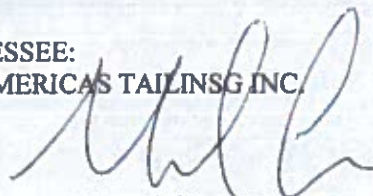
The Mineral Lease and Purchase Agreement (the "Agreement") provides Lessor a right of termination if a Notice to Proceed is not provided within a term of three (3) years from Effective Date stated above (with a six month extension if Lessee is diligently pursuing mining), and is effective as long thereafter as mineral substances are produced from the Premises, according to and by the terms and provisions of the Mineral Lease and Purchase Agreement between Lessor and Lessee. The Agreement, with all of its terms, covenants, and other provisions, is referred to and incorporated into this Memorandum of Mineral Lease and Purchase Agreement (the "Memorandum" for all purposes. This Memorandum is placed of record for the purpose of giving notice of the Lease and Purchase. The original of the Agreement is maintained in the office of the Lessee.

This Memorandum is signed by Lessor as of the date of acknowledgment of Lessor's signature, but is effective for all purposes as of the Effective Date stated above.

LESSOR:
GRACE MARIE DOBSON and FRANK HENRY
DOBSON



LESSEE:
AMERICAS TAILINGS INC.



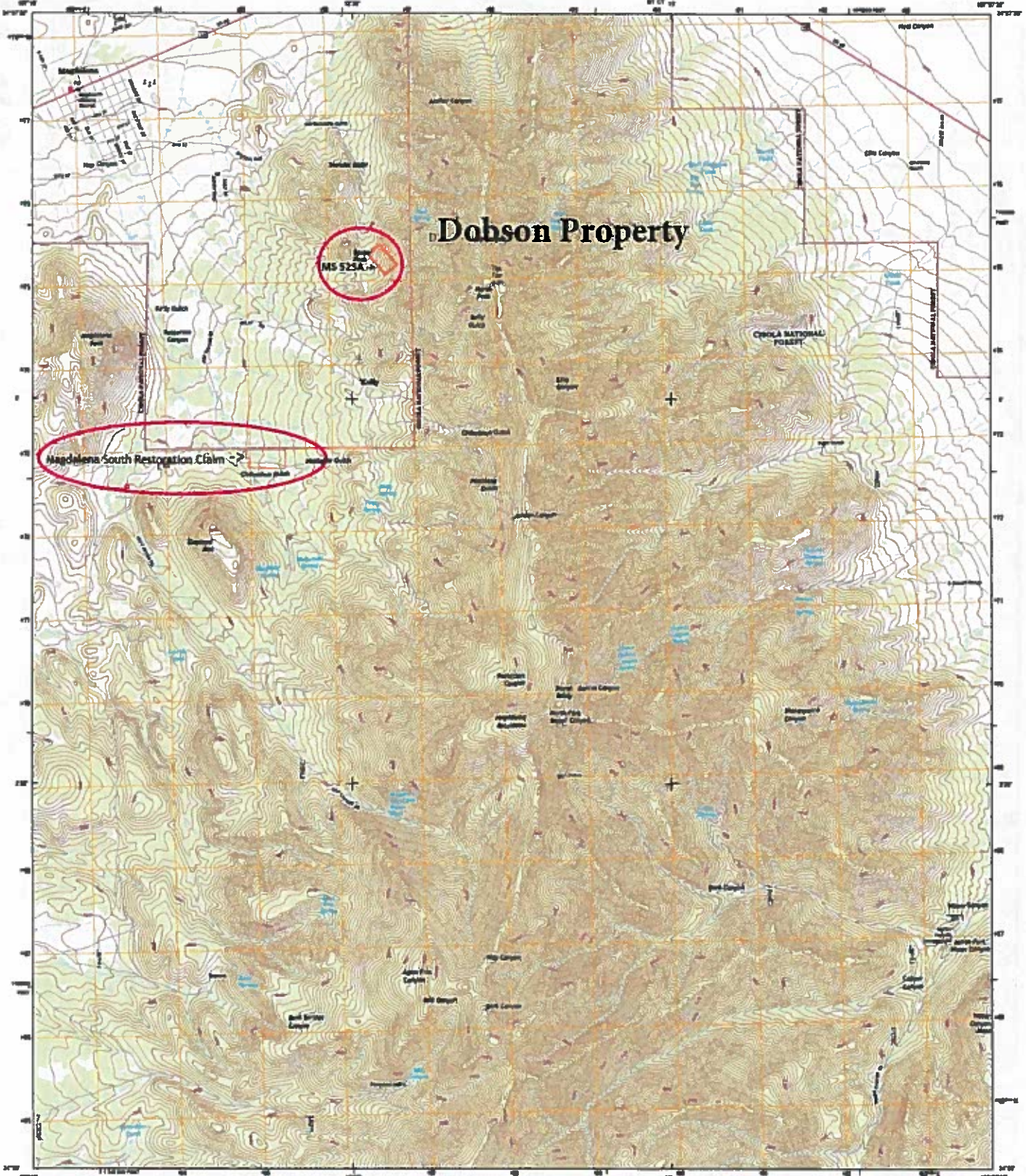
By: MICHAEL J. GINGLES
Title: DIRECTOR, AMERICAS TAILINGS INC.



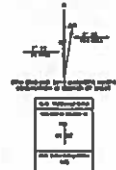
U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



MAGDALENA QUADRANGLE
NEW MEXICO-SONORA CO.
7.5-MINUTE SERIES



Produced by the United States Geological Survey
 under contract to the State of New Mexico,
 from the National Geographic Society, Washington,
 D.C., under the authority of the Secretary of the
 United States Geological Survey. The 7.5-minute
 topographic maps of the United States are published
 by the United States Geological Survey. The 7.5-
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 published by the United States Geological Survey.



GEODETIC DATUM, AS OF
 1983: NORTH AMERICAN DATUM OF 1983
 1983

Color	Symbol	Feature
[Yellow]	[Cross]	Spot Elevation
[Green]	[Line]	Spot Elevation
[Blue]	[Circle]	Spot Elevation
[Red]	[Star]	Spot Elevation
[Black]	[Square]	Spot Elevation

ROAD CLASSIFICATION

[Red line]	Local Road
[Orange line]	Local Road
[Yellow line]	Local Road
[Green line]	Local Road
[Blue line]	Local Road
[Black line]	Local Road
[Orange line]	Local Road
[Yellow line]	Local Road
[Green line]	Local Road
[Blue line]	Local Road
[Black line]	Local Road

MAGDALENA, NM
 2012

Pat # 16814 Dec 4 1890

Title of Original Location
of 5th 2000

SURVEY NO 523 A

District No 2

PLAT

OF THE CLAIM OF

NORTH GRAPHIC MINING CO
UPON THE
EXTENSION NO 1
NORTH GRAPHIC LODE

MAGDALENA MINING DISTRICT

SOCORRO COUNTY

TERRITORY OF NEW MEXICO.

Containing an area of _____ Acres.

Scale of _____ Feet to the inch.
Variation of _____ Feet.

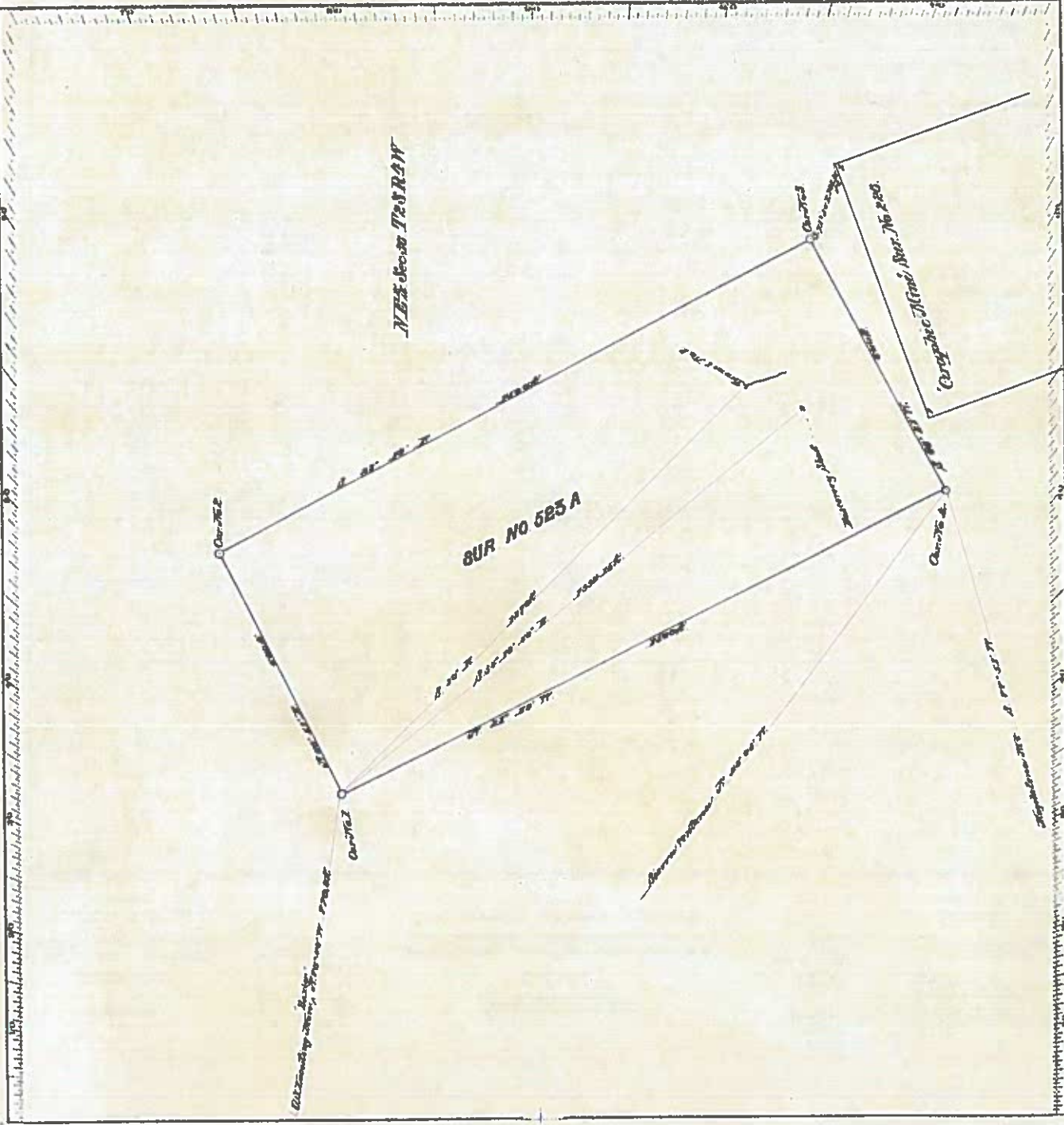
SURVEYED BY
Leonard K. Brown
L.S. Licensed Mineral Surveyor
MORNING STAR

The original Field Notes of the Survey of the Claim of
North Graphic Mining Co

upon the
Extension No 1 North Graphic Lode
from which this plat has been made, have been examined and
approved, and are on file in this office, and I hereby certify that
they furnish such an accurate description of said Mining
Claim as usual if incorporated into a patent, so far as to
fix the premises, and that such reference is made therein
to natural objects and permanent monuments as will per-
petuate and fix the locus thereof. I further certify that
the value of the labor and improvement placed thereon
by the applicant therefor is not less than five
hundred dollars, and that said improvement consist of

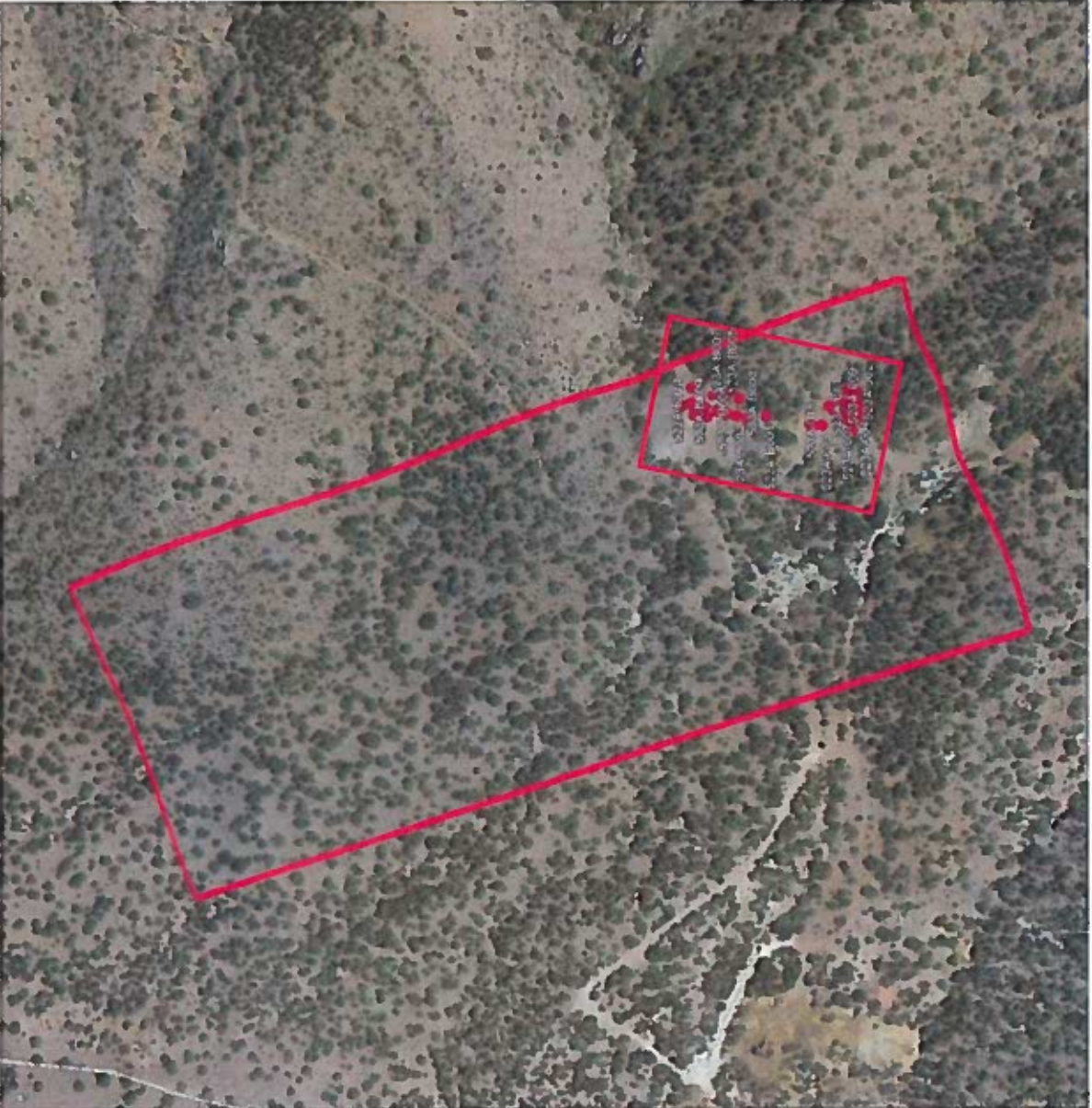
as appears by the sufficient of the deposit surveyor, and I
further certify that this is a correct Plat of said Mining Claim
made in conformity with said component field notes of the sur-
vey thereof.

Witness my hand and the seal of the office of the Surveyor General of the Territory of New Mexico
at Santa Fe, N.M.
April 22 1895
Clarence B. Pullen
Surveyor General



MS 523A

ID	Northing /Latitude	Easting /Longitude
523A-001	34° 5'44.69"N	107°12'12.99"W
523A-002	34° 5'44.55"N	107°12'12.80"W
523A-003	34° 5'44.73"N	107°12'12.81"W
523A-004	34° 5'44.58"N	107°12'12.62"W
523A-005	34° 5'44.77"N	107°12'12.72"W
523A-006	34° 5'44.62"N	107°12'12.48"W
523A-007	34° 5'44.84"N	107°12'12.68"W
523A-008	34° 5'44.77"N	107°12'12.47"W
523A-009	34° 5'44.66"N	107°12'12.24"W
523A-010	34° 5'44.99"N	107°12'12.65"W
523A-011	34° 5'44.90"N	107°12'12.45"W
523A-012	34° 5'44.81"N	107°12'12.21"W
523A-013	34° 5'45.18"N	107°12'12.90"W
523A-014	34° 5'45.10"N	107°12'12.53"W
523A-015	34° 5'45.30"N	107°12'12.92"W
523A-016	34° 5'45.40"N	107°12'12.88"W
523A-B-001	34° 5'46.13"N	107°12'12.77"W
523A-B-002	34° 5'46.44"N	107°12'12.82"W
523A-B-003	34° 5'46.59"N	107°12'12.46"W
523A-B-004	34° 5'46.60"N	107°12'12.77"W
523A-B-005	34° 5'46.79"N	107°12'12.37"W
523A-B-006	34° 5'46.76"N	107°12'12.74"W
523A-B-007	34° 5'47.00"N	107°12'12.39"W
523A-B-008	34° 5'46.92"N	107°12'12.69"W
523A-B-009	34° 5'47.12"N	107°12'12.62"W
523A-B-010	34° 5'47.32"N	107°12'12.25"W
523A-B-011	34° 5'47.33"N	107°12'12.55"W
523A-B-012	34° 5'47.07"N	107°12'12.80"W
523A-B-013	34° 5'47.27"N	107°12'12.77"W
523A-B-014	34° 5'47.48"N	107°12'12.60"W



EXHIBITS FOR SECTION 1-B

Magdalena South Property

10/10/2010

10/10/2010

10/10/2010

CERTIFICATE OF LOCATION - (PLACER LOCATION)

KNOWN ALL BY THESE PRESENTS:

That: the undersigned officer of **Americas Tailings Inc., a Colorado corporation**, and citizen of the United States, resident of the County of Douglas, State of Colorado, having complied with the provisions of Chapter 6, Title XXXII, of the Revised Statutes of the United States, and with the local customs, laws and regulations, claim by right of discovery and location, the **Magdalena South Restoration Placer Claim**, situate, lying and being in the N½ NE¼ SE¼ of Section 2 and the N½ NW¼ SE¼ of Section 2, Township 3 South, Range 4 West, NMPM, south of Magdalena, Socorro County, New Mexico, and more particularly described as follows, to-wit:

Beginning at Corner I, the NE Corner, being a point on the east-west midsection line of aforementioned Section 2 being a distance of 150 feet the north south boundary line common to Sections 1 & 2, T. 3 S., R. 4 W., NMPM;

thence, S. 00° 00" E., a distance of 670 feet to Corner No. 2, the SE corner;

thence, N. 90° 00' 00" W., a distance of 1205 feet along the east-west midsection line of the NE¼ SE¼ of Section 2 to Corner No. 3, the SW corner, being a point of intersection with a steel post and rail fence;

thence, N. 05° 00' 00" E., a distance of 300 feet along the steel post and rail fence to Corner No. 3A a point at the termination of a steel post and rail fence and intersection with a wire and post fence;

thence, N. 90° 00' 00" W., a distance of 170 feet to Corner No. 3B;

thence, N. 07° 00' 00" W., a distance of 355 feet to Corner 4;

thence, N. 90° 00' 00" E., a distance of 1418 feet along the east-west midsection line of Section 2 to Corner 1 the place of beginning.

With the 40 foot Right of Way (NMNM—077596) crossing the western portion of this claim.

Containing 20 acres, more or less.

Said placer claim was located on the 13th day of November, 2020.

ATTEST:
AMERICAS TAILINGS INC.

By:


MICHAEL GINGLES

Name

FINANCIAL OFFICER

Title

Mailing Address: 7902 Glen Ridge Drive, Castle Pines, CO 80108

BLM SERIAL NO.:

SOCORRO COUNTY - NM
BETTY L. SAAVEDRA, CLERK
Instr # 20202283
MINING LOCATION
1 of 2

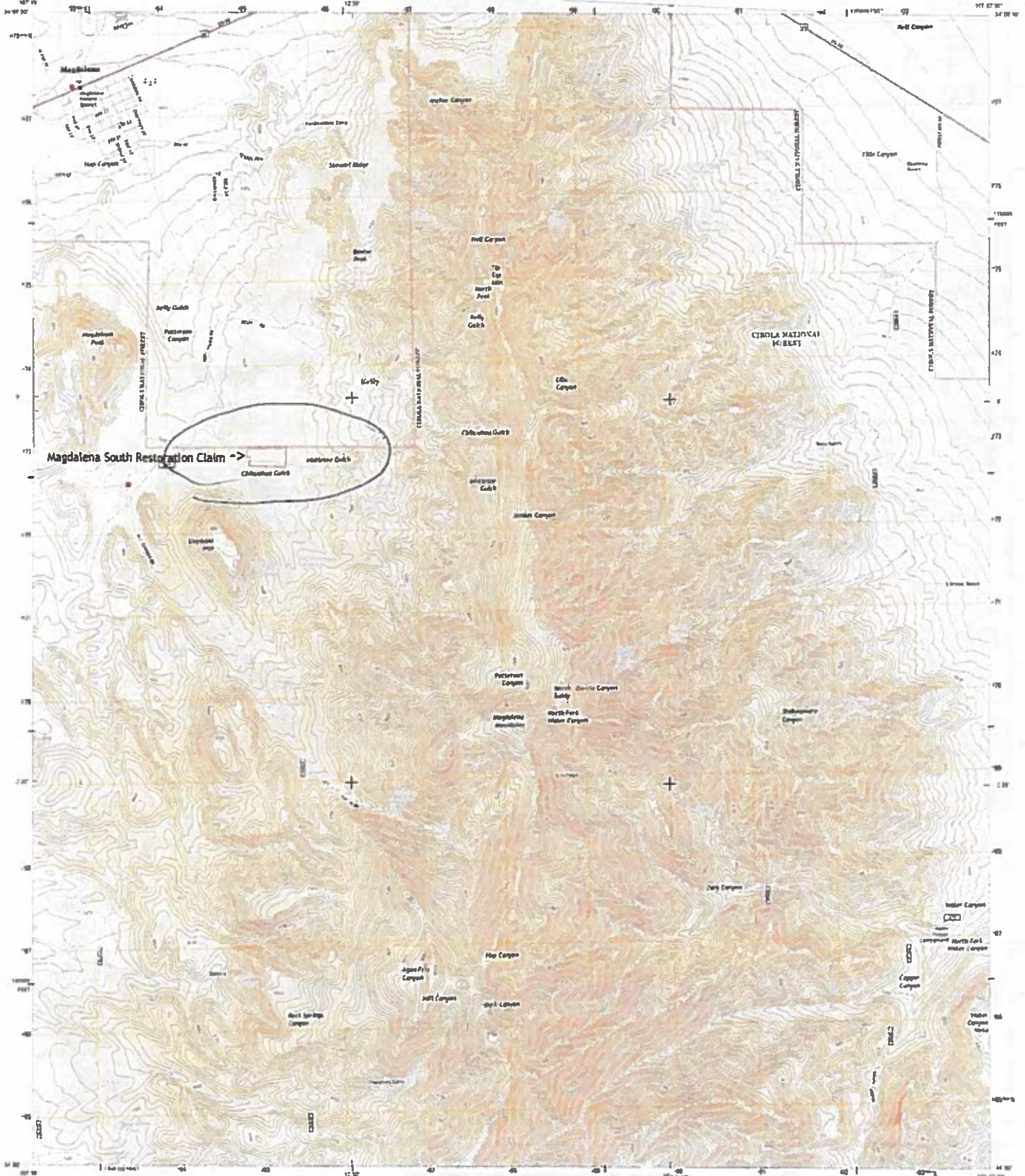
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BY BMCDANIEL

USGS U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

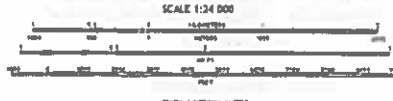
The National Map
US Topo

MAGDALENA QUADRANGLE
NEW MEXICO-COLORADO CO.
7.5-MINUTE SERIES



Magdalena South Restoration Claim ->

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
Vertical datum: National Mean Sea Level (MSSL)
Horizontal datum: North American Datum of 1983 (NAD83)
This map is not a legal document. Statements may be
generalized for this map sheet. Please consult other government
maps, records, and laws for details. (Source: National Geographic
Editorial Board, 2010)



ROAD CLASSIFICATION

Interstate	State Road	Local Road
Expressway	Highway	Loop Road
Arterial	US Route	Trail
Collector	FS Highway	FS Highway
Local	FS Road	FS Road
Unimproved	FS Road	FS Road

Check with local Forestry Service staff
for current road conditions and restrictions.

Proposed	2010-2015	2015-2020
Revised	2010-2015	2015-2020
Revised	2010-2015	2015-2020
Revised	2010-2015	2015-2020
Revised	2010-2015	2015-2020
Revised	2010-2015	2015-2020
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Downloaded from the USGS
Topographic Map Collection
on 12/11/2020 12:22:07 PM
BY BMCDANIEL

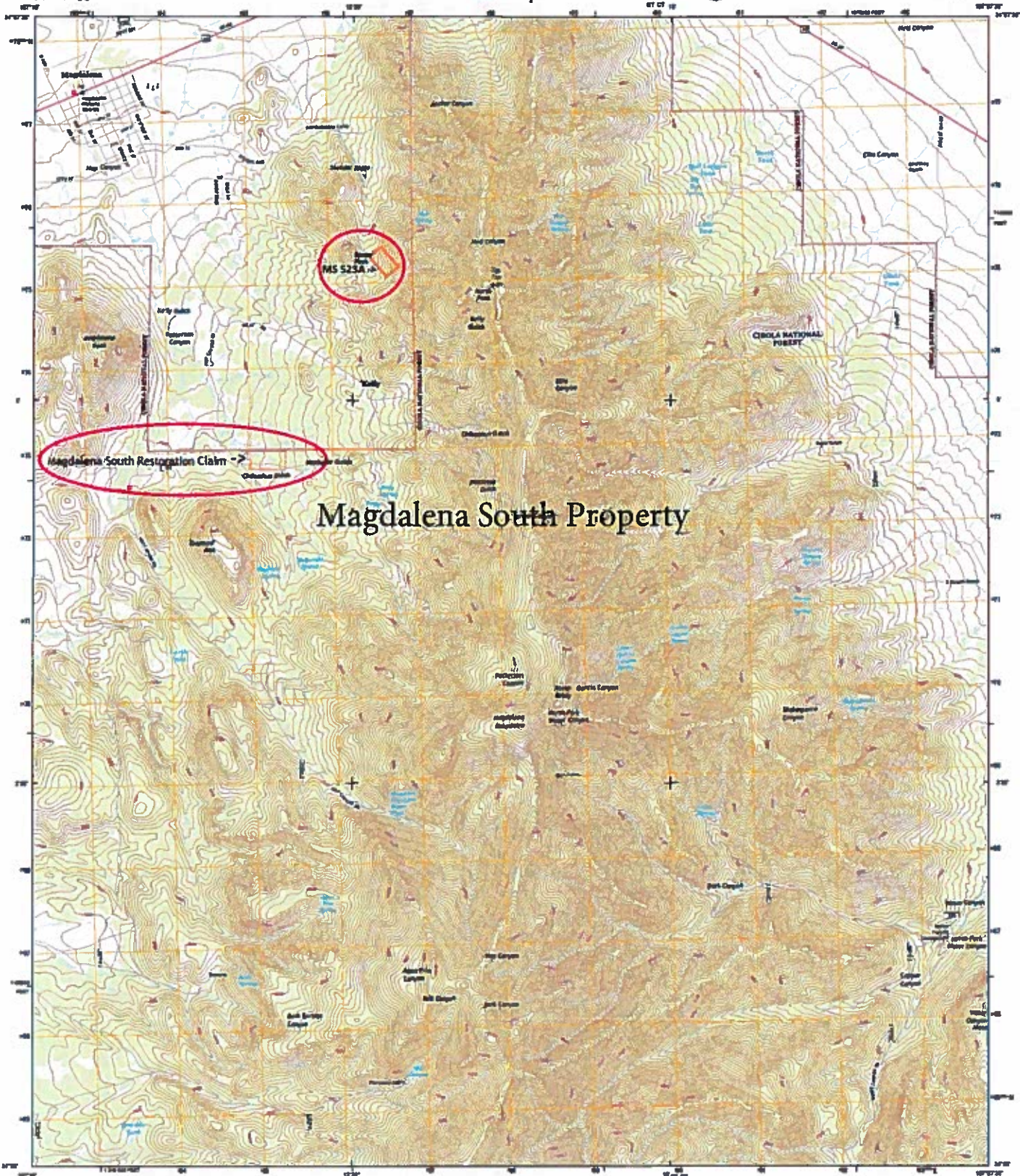
MAGDALENA, NM
2013



U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



MAGDALENA QUADRANGLE
NEW MEXICO, HOLLAND CO.
7.5-MINUTE SERIES



Magdalena South Property

Produced by the United States Geological Survey
using location data of 1988 imagery
National Geographic Society of 1988 imagery, Properties and
information from National Geographic Society, 1988
to the best of our knowledge and belief.



1/2" = 1 mile	1/4" = 1 mile	1/8" = 1 mile
1/16" = 1 mile	1/32" = 1 mile	1/64" = 1 mile
1/128" = 1 mile	1/256" = 1 mile	1/512" = 1 mile
1/1024" = 1 mile	1/2048" = 1 mile	1/4096" = 1 mile

ROAD CLASSIFICATION	
Interstate	State
County	Local
Highway	Other
Other	Other
Other	Other
Other	Other
Other	Other
Other	Other

MAGDALENA, NM
2011



Magdalena South Restoration Placer Claim

ID	Northing /Latitude	Easting /Longitude
MSR-001	34° 4'38.29"N	107°13'20.41"W
MSR-002	34° 4'38.28"N	107°13'18.82"W
MSR-003	34° 4'38.31"N	107°13'17.45"W
MSR-004	34° 4'38.18"N	107°13'16.16"W
MSR-005	34° 4'37.80"N	107°13'14.98"W
MSR-006	34° 4'39.44"N	107°13'11.90"W
MSR-007	34° 4'39.24"N	107°13'10.07"W
MSR-008	34° 4'39.21"N	107°13'8.20"W
MSR-009	34° 4'39.26"N	107°13'6.24"W
MSR-010	34° 4'37.08"N	107°13'20.10"W
MSR-011	34° 4'37.05"N	107°13'18.57"W
MSR-012	34° 4'36.99"N	107°13'17.09"W
MSR-013	34° 4'37.04"N	107°13'15.99"W
MSR-014	34° 4'37.09"N	107°13'14.69"W
MSR-015	34° 4'37.12"N	107°13'13.33"W
MSR-016	34° 4'38.33"N	107°13'7.44"W
MSR-017	34° 4'35.85"N	107°13'18.28"W
MSR-018	34° 4'35.81"N	107°13'16.86"W
MSR-019	34° 4'35.82"N	107°13'15.22"W
MSR-020	34° 4'35.86"N	107°13'13.54"W
MSR-021	34° 4'35.89"N	107°13'11.87"W
MSR-022	34° 4'35.83"N	107°13'10.25"W
MSR-023	34° 4'35.90"N	107°13'8.67"W
MSR-024	34° 4'35.72"N	107°13'7.25"W
MSR-025	34° 4'35.17"N	107°13'16.88"W
MSR-026	34° 4'34.90"N	107°13'14.96"W
MSR-027	34° 4'34.86"N	107°13'13.26"W
MSR-028	34° 4'34.80"N	107°13'11.72"W
MSR-029	34° 4'34.79"N	107°13'10.29"W
MSR-030	34° 4'34.80"N	107°13'8.67"W

