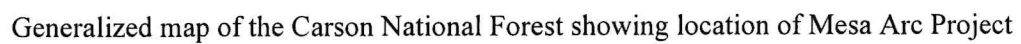


Prepared for the U.S. Forest Service



PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST SYSTEM LANDS

Submitted by: _____


John R. Carden, Ph.D.
Gamma Resources Consultant (Agent)

January 10, 2026
Date

Plan Received by: _____

Signature

Title

Date

I. GENERAL INFORMATION

- A. *Name of Mine/Project:* **Mesa Arc**
- B. *Type of Operation:* **Exploration**
- C. This is a **NEW** operation?
- D. *Proposed start-up date:* **Approximately July 1, 2026**
- E. *Expected total duration of this operation:* The drilling program is expected to be completed within 60 days of the startup of drilling. Likely by September 1. If there are issues with weather, drilling or any other significant hiatus the USFS will be kept apprised.
- F. *If seasonal, expected date of annual reclamation/stabilization close out:* Gamma Resources Ltd. ("**Gamma**") plans on reclaiming as drilling is completed at each drill site. All efforts will be made to complete reclamation prior to seasonal closures early winter 2026.
- G. *Expected date for completion of all required reclamation:* **October, 2026**

II. PRINCIPALS

- A. *Name, address and phone number of operator:*
Address: Gamma Resources Ltd.
Suite 410 – 325 Howe Street
Vancouver, British Columbia
V6C 1Z7
Phone: Corporate Office: (833) 854-6826
- B. *Name, address, and phone number of authorized field representative:*
Contact Geologist:
John R. Carden, Ph.D., Consultant, (b) (6)
- C. *Name, address and phone numbers of owners of the claims (if different than the operator):* **C bar B Properties Corporation**
Address: (b) (6)
(b) (6)
Phone: (b) (6)
- D. *Name, Address and Phone No. of any other lessees, assigns, agents, etc.*
None

III. PROPERTY OR AREA

(name of claim, if applicable, and the legal land description where the operation will be located)

Table 1. Table of Information for the lode claims that comprise Mesa Arc

Claim Name	Claim Case Number	Claim Type	Claim Size (Acres)	Claim Location Date	State	County	Claimants
RP-1	NM106362170	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-2	NM106362171	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-3	NM106362172	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-4	NM106362173	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-5	NM106362174	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-6	NM106362175	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-7	NM106362176	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-8	NM106362177	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-9	NM106362178	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-10	NM106362179	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-11	NM106362180	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-12	NM106362181	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-13	NM106362182	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-14	NM106362183	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-15	NM106362184	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-16	NM106362185	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-17	NM106362186	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-18	NM106362187	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-19	NM106362188	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-20	NM106362189	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-21	NM106362190	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-22	NM106362191	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-23	NM106362192	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-24	NM106362193	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-25	NM106362194	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-26	NM106362195	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-27	NM106362196	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-28	NM106362197	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-29	NM106362198	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-30	NM106362199	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-31	NM106362200	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-32	NM106362201	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-33	NM106362202	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-34	NM106362203	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-35	NM106362204	Lode	20.66	2/28/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-36	NM106389442	Lode	20.66	9/3/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-37	NM106389443	Lode	20.66	9/3/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-38	NM106389444	Lode	20.66	9/3/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-39	NM106389445	Lode	20.66	9/3/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-40	NM106389446	Lode	20.66	9/3/24	New Mexico	Rio Arriba	C bar B Properties Corp.
RP-41	NM106389447	Lode	20.66	9/3/24	New Mexico	Rio Arriba	C bar B Properties Corp.

The Area of Operations: The Mesa Arc RP claims are located wholly within the Carson National Forest near Canjilon, New Mexico. All claims are registered in Rio Arriba Co. In that area, Gamma Resources has leased 41 lode claims. The 41 “RP” claims are located in parts of sections 3, 4, 7, 8, 9, 10 & 18 of T25N E5E. All claims are plotted below on the Canjilon 1:24,000 USGS topographic map below (Figure 1).

IV. DESCRIPTION OF THE OPERATION

- A. **Access:** Show on a map (USGS quadrangle or a National Forest map, for example) the claim boundaries, if applicable, and all access needs such as roads and trails, on and off the claim. Specify which Forest Service roads will be used, where maintenance or reconstruction is proposed, and where new construction is necessary. For new construction, include construction specifications such as widths, grades, etc., location and size of culverts, describe maintenance plans, and the type and size of vehicles and equipment that will use the access routes.

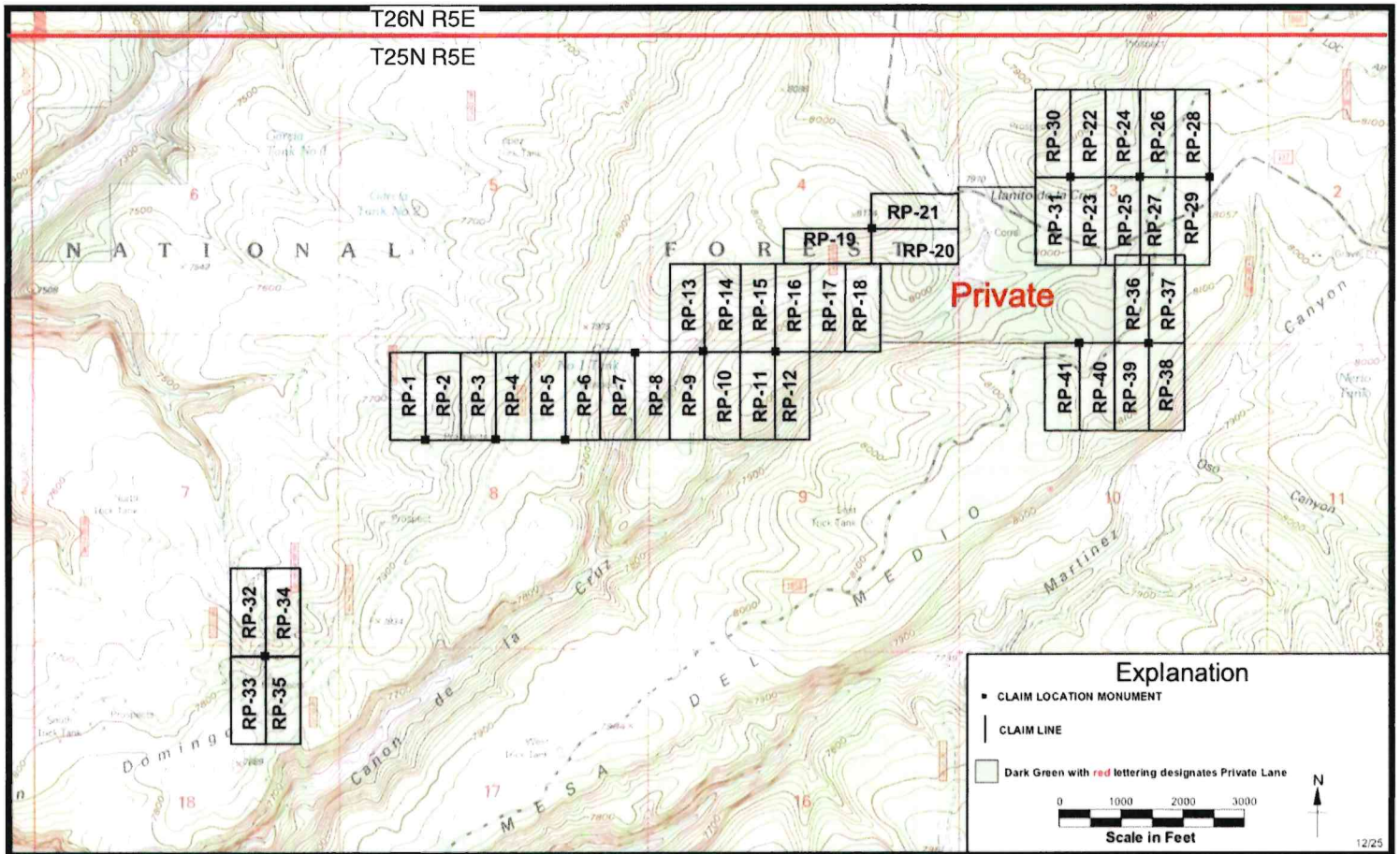


Figure 1. Illustrates the 41 claims of Gamma Resources' Mesa Arc Project, plotted on the Canjilon 1:24,000 USGS base map. All claims are 600'x1500' and approximately 20.66 acres in area. All claims and discovery monuments are located wholly within the confines of the Carson National Forest in Rio Arriba County, NM, about 4.9 miles southeast of the small village of Canjilon NM. GPS coordinates for the common corner of Sections 3, 4, 9, and 10 are 374320 E and 4031350 N (NAD 83, Zone 13).

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Claims: Figure 1 above is a part of the Cajilon 1:24,000 topographic map that graphically illustrates the outline of all 41 claims in Gamma Resources' Mesa Arc Project.

Routes of Access: Access to the Mesa Arc project is by traveling on Highway 84 north of Española, NM to mile marker 240, the junction of County Road 115. Turn right at the junction and proceed 3.3 miles to the Cajilon Post Office. The pavement ends 1.6 miles south of the Post Office, proceed south on a graded gravel Forest Road 137 to the junction of Forest Road 1858. Turn right of 1858 for 0.5 miles to area of the greatest drilling by Anaconda a property termed "AR-15" located on the boundary between Section 3 and 10 (Area A).

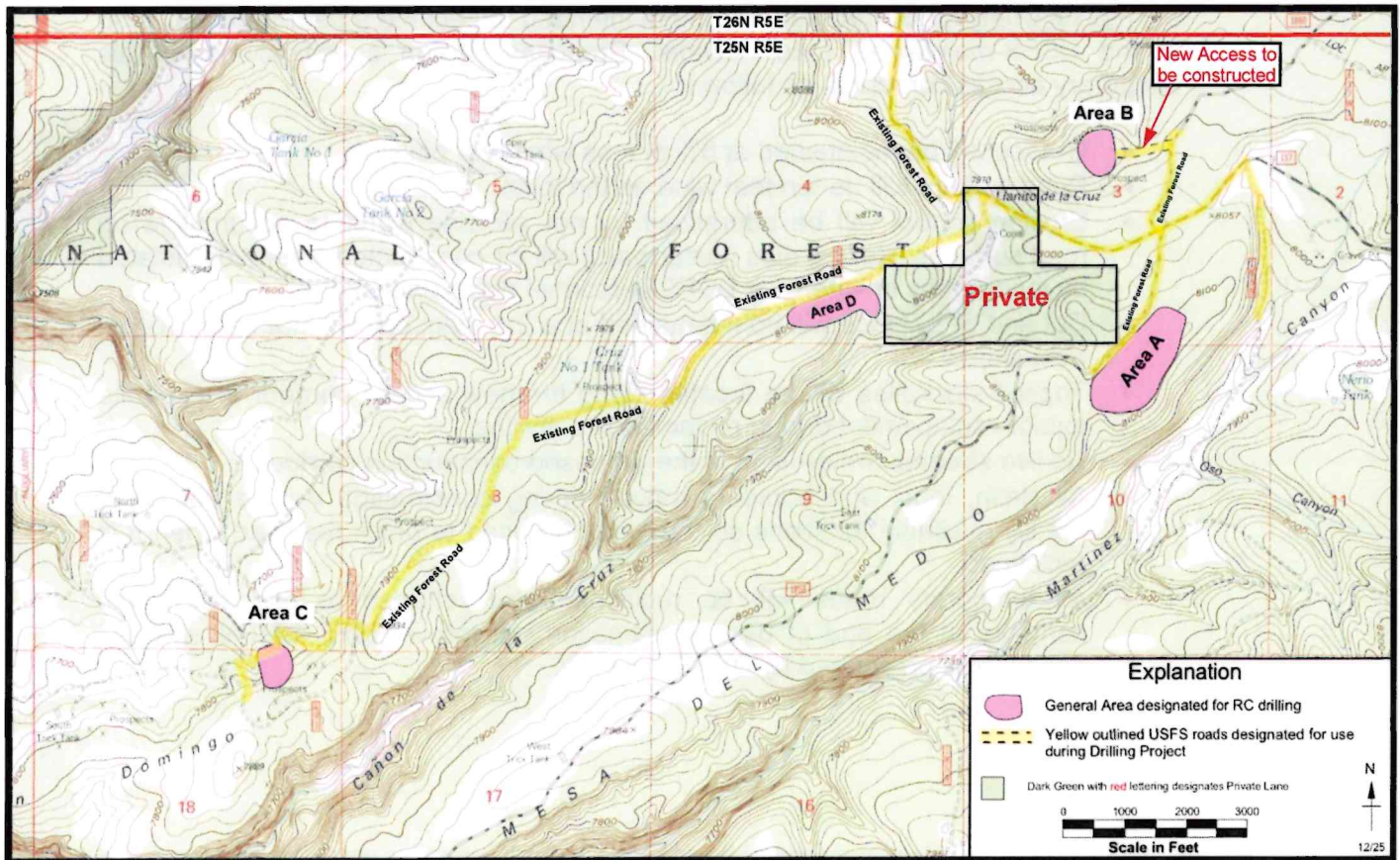


Figure 2. Topographic base map showing USFS roads in the project area that will be used for access (shaded yellow) as well as areas where drilling is planned (Areas A, B, C, and D...shaded magenta). Base Map is the USGS Canjilon 1:24,000 topographic sheet.

Routes of Access (continued): A total of approximately 10-12 holes each under 500 feet are planned to be drilled in 4 areas (Figure 2). Access to these 4 areas is by existing USFS roads as shown yellow outlined roads (Figure 2):

Area A: Several holes on claims RP-36, 37, 38 & 39 located on the boundary of Sections 3 and 10.

Area B: One hole on Claim RP-22, located in Section 3.

Area C: Several holes on Claims RP-32, 33, 34, & 35 located on the boundary of Section 7 and 18; and,

Area D: Several holes on claims RP-16, 17 & 18 located in Section 4.

All drilling areas will be accessed via existing forest roads; drill sites in areas **A, C, and D** are within a few feet of an existing USFS road. Drill sites will be less than 100-200 feet from an existing road with no major disturbance anticipated, as the drill site can be reached by rubber-tired vehicles over existing grasses and scrub vegetation. **No cutting of existing trees is required.**

Area B, atop a small hill, will be accessed by an 800-foot access corridor that lies east of Area B, shown in Figure 2. Gamma will construct this access corridor which will branch west from USFS road 1860 (see Figure 2).

Gamma's specifications will utilize best management practices and follow guidelines for temporary road types used in the USFS system. The access corridor constructed will not be open for public use and is not intended to become a permanent addition to the USFS-maintained road network. Proposed design specifications of this temporary access corridor is as follows:

- Grades will be maintained at 6% or less wherever possible.
- Road surface will be ten feet wide on the level.
- Erosion control will be addressed by not allowing water to accumulate on road surfaces. Rolling dips (water bars) will be constructed wherever dictated by topography or wherever USFS personnel deem necessary.
- Cut and fill balance will be maintained at a 2:1 ratio; soil will not be borrowed from slopes.
- Topsoil stockpiles will be located along the new access corridor to expedite topsoil replacement during reclamation activities.
- No live streams are present in the proposed construction corridor.
- All slash, logs, and boulders moved during construction will be placed at readily available locations so they may be used to block the road when it is reclaimed.
- All temporary roads will be reclaimed and returned to pre-disturbance contours at the end of use. Reclamation will follow USFS BMP's and use seed mixes prescribed by USFS botanists.

B. Map, Sketch or Drawing: showing location and layout of the area of operation. Identify any streams, creeks or springs if known. Show the size and kind of all surface disturbances such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved etc.

Figure 3 below shows the locations of the existing road corridors (highlighted in yellow) that will be used to access Areas A, B, C, and D. Also illustrated are the laydown area at the junction of Forest Road 137 and 1858. The laydown area (denoted in blue) is a grassy area containing no trees or scrub vegetation (just grasses) measuring 250' x 200'. The laydown site will be used to store extra steel drill pipe, PVC pipe, cement, drilling additives, and a small parts trailer containing spare parts for the drill rig. Access to the drill areas will be by existing roads. There are no streams, creeks, or arroyos that need to be crossed in order to access any of the areas to be drilled. It is anticipated that five (5) holes will be drilled in Area A, one hole in Area B, two holes in Area D, and one or two holes in Area C. A small drill pad will be constructed each drill hole site. Most mineral exploration RC rigs are roughly 10-12 m wide and 2.3-3 m wide, so a practical drill pad no larger than 65 feet by 65-85 feet will be constructed.

There will be a temporary drill water infiltration sump constructed at each site as described in Section D below.

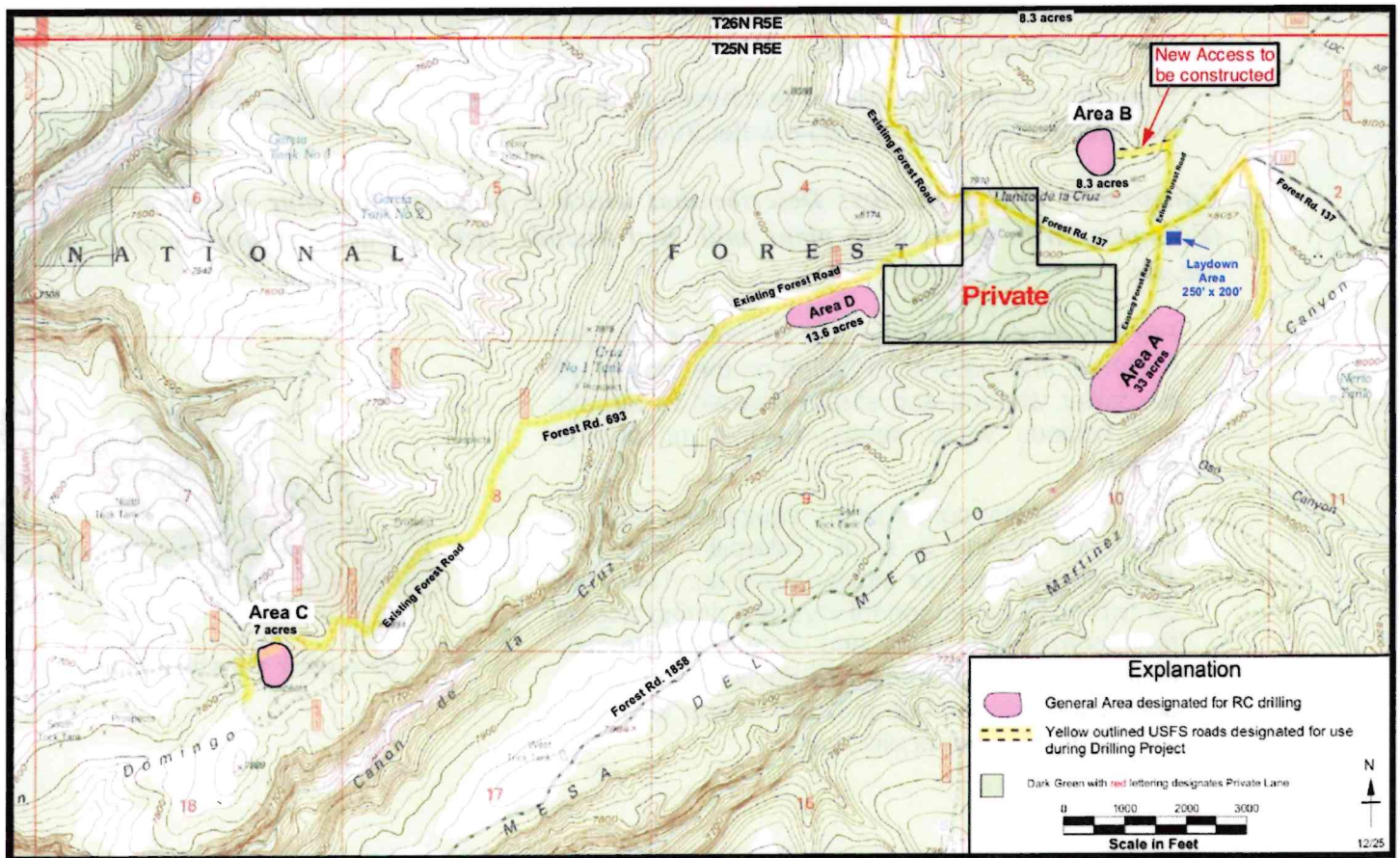


Figure 3. USGS topographic map showing the 200' x 250' laydown area in blue, the 4 areas (denoted in pink) where drilling will take place, the roads (including road numbers) shaded in yellow that will be used to access the 4 areas.

C. Project Description: Describe all aspects of the operation including mining, milling, and exploration methods, equipment, work force, construction and operation schedule, power requirements, how clearing will be accomplished, topsoil stockpile, waste rock placement, tailings disposal, proposed number of drill holes and depth, depth of proposed suction dredging, and how gravel will be replaced, etc. Calculate production rates of ore. Include justification and calculation for settling and capacities, and the size of runoff diversion channels.

The Gamma Resources 2026 program will strictly focus on an exploration program that involves only drilling. There will be no mining, milling, trenching, or generation of waste dumps because there is no mining or "production of ore" activity. This plan pertains only to an initial exploration program.

Gamma Resources plans to drill one hole at each site constructed. All holes drilled will be between 350 and 500 feet deep. There will be one drill operating for one shift of per day. All drilling will be conducted during daylight hours.

Drilling will continue using one rig (12-24 hours/day) until the program is completed. It is anticipated that the number of people actively involved in the operation will be three per rig: a driller, a driller's helper, and another laborer, as needed. The Gamma Resources Field Geologist/Manager will also be on site daily. In addition, backhoe and water truck operators will be temporarily on site as necessary.

The remainder of the equipment and all personnel will be mobilized into the area with four-wheel drive vehicles.

Water for the program will be purchased from local ranchers (likely near Canjilon) and transported to the site via a water truck.

D. Equipment and Vehicles: Describe that which is proposed for your operation (Examples: drill, dozer, wash plant, mill, etc.) Include: sizes, capacity, frequency of use, etc.

Prior to moving onto the site all equipment (drill backhoe, and water truck) used on the project will be power washed and steam cleaned to remove any noxious weed seeds, residue or organic matter.

Pad & access construction equipment required likely will include a small Caterpillar 416 with attached backhoe, or similar-sized rig. There will be two or three personnel involved during access road construction. Pad and access construction activities will be restricted to daylight hours. The contractor will also use a ¾ ton pickup to access and service his/her equipment.



Caterpillar 416 with backhoe

Reverse circulation drilling usually takes water to accomplish. A small water truck similar to the one pictured at the right will be used to transport water to the drill site. As mentioned above, water will be obtained from a local rancher in the area, likely near Canjilon, NM. An infiltration sump will be dug at each site that is approximately 15-feet long by 6-feet wide by 4-feet deep. Water capacity of these sumps will contain 360 cubic feet of water or approximately 2,700 gallons. The soil and rock removed from these sumps will be used to build a berm around the sump perimeter. This berm material and cuttings from the hole will be replaced into the sump during reclamation.



Typical size of a water truck expected to be used for the drilling project

A truck-mounted reverse circulation (RC) rig will be employed by Gamma, similar to the model shown at the right. This rig is truck mounted and occupies a 40-foot long by 9-foot wide footprint. It is equipped with an articulated drill head and an angle capable mast. This allows the drill to be located on pad and still drill to either side at up to a 90 degree offset. The rig requires personnel per each twelve hour shift and one support pickup per rig. The rig will be drilling only during daylight hours.



Typical truck-mounted RC rig

E. Structures:. *Include information about fixed or portable structures or facilities planned for the operation. Show locations on the map. Include such things as living quarters, storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipelines, water diversions, trailers, sanitation facilities including sewage disposal, etc. Include engineering design and geotechnical information for the project facilities, justification and calculations for sizing of tanks, pipelines and water diversions, etc.*

This is an exploration operation, and no fixed structures or facilities are planned or necessary. A camp or on-site facility will not be needed because all personnel involved in the operation will be housed near Chama, NM, or may live in a trailer on private ranch land.

The drilling contractor will have one or two enclosed equipment trailers on site in the laydown area, as shown in Figure 3. These trailers provide parts storage and often have extra tools and vises for equipment repair. These trailers are not living quarters and do not have any ability to function as quarters.

Sanitary services are contracted to a local New Mexico firm. A portable commode will be on site at all times, either at the staging area or near the drill. Contractors regularly service these units. All effluents is pumped into portable tanks and transported to the local waste disposal facility.

V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

- A. ***Air Quality: Describe measures proposed to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.***

Any slash and deadfall produced during road construction will be gathered and stacked at locations selected by the USFS. All slash and deadfall disposal issues will be coordinated and managed by the USFS.

The site will be accessed by two 4-WD pickups each day for the duration of the main activities. Also, there may be a water truck hauling drill water from a local ranch. The impact of this operation on the air quality will be negligible. Because of the small size of the operation and the limited amount of ingress and egress during drilling operations, it is unlikely that dust abatement will be necessary.

- B. ***Water Quality: State how applicable state and federal water quality standards will be met. Describe measures or management practices to be used to minimize water quality impacts and meet applicable standards.***

1) State whether water is to be used in the operations, and describe the quantity, source, methods and design of diversions, storage, use, and disposal and treatment facilities. Include assumptions for sizing water conveyance or storage facilities.

The source of the water to be used in Gamma's exploration will be from the water truck accompanying the rig. No water will be collected from any drainage.

Because water is being injected to facilitate drilling, water returned to the surface will contain drill cuttings. These cuttings will be split, using a rotary wet splitter, and bagged for sampling. Excess cuttings and all water returned during drilling will be temporarily contained within the sump dug adjacent to the rig at each site. These sumps are approximately 6-feet wide, 15-feet long, and 4-feet deep. They are dug into the native surface and bermed with the salvaged substrate. These sumps are loosely consolidated and serve as an infiltration area allowing slow return of the water to the country rock. No disposal or water treatment is expected to be necessary.

2) Describe methods to control erosion and surface runoff from all disturbed areas, including waste and tailings dumps.

There will be no waste or tailings dumps. All water used during drilling will be temporarily contained and, if possible, recirculated.

3) Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.

Because of the size and scope of this drilling program, no groundwater monitoring is planned unless the U.S. Forest Service requires it.

4) Describe measures to be used to minimize potential water quality impacts during seasonal closures or for temporary cessations of operations.

With reclamation complete and all equipment removed, there will be no potential for water-quality impacts after cessation of exploration operations.

5) If land application is proposed for wastewater disposal, the location and operation of the land application system must be described. Also describe how vegetation, soil, and surface and groundwater quality will be protected if land application is used.

This is not a mining operation, so this section does not apply. All water and cutting encountered will be collected in the excavated sumps, and water will infiltrate into the substrate. Once the water has infiltrated, the sump will be buried and revegetated as prescribed by USFS regulations.

- C. **Solid Wastes:** Describe the quantity and the physical and chemical characteristics of solid waste produced by the operation. Describe how the wastes will be disposed of including location and design of facilities, or treated so as to minimize adverse impacts.

Very little solid waste generated if Reverse Circulation (RC) drilling is utilized. The only solid waste generated will be ground rock particles from the hammer/diamond bit cutting through the rock. If RC drilling is employed, the cuttings not used for assay purposes will be shoveled into the sump or the hole prior to cementing. After the water infiltrates or evaporates from the sump, the sumps will be backfilled. The cuttings are composed of ground native sedimentary rock encountered during drilling...consisting of inert shale and sandstone.

- D. **Scenic Values:** Describe protection of scenic values such as screening; slash disposal, or timely reclamation.

The proposed work would take place near the existing USFS road system in the areas that cannot be viewed by casual observation. The final disposition of useful harvested timber will be determined and managed by the USFS. Additionally, all slash and deadfall will be gathered and stacked at locations selected by the USFS. All slash and deadfall issues will be coordinated and managed by the USFS.

All earthwork reclamation is intended to be completed by September 2026. The new access road to area B will be totally reclaimed when exploration is complete

- E. **Fish and Wildlife:** Describe measures to maintain and protect fisheries and wildlife, and their habitat (includes threatened, endangered, and sensitive species) affected by the operations.

The Carson National Forest reportedly supports several federally-listed endangered or threatened species, including a mix of mammals, birds, fish, and plants that depend on its high elevation forests and riparian systems. The list below focuses on species explicitly documented as occurring on the forest under recent planning and monitoring documents.

- Mexican Spotted Owl: A federally threatened raptor associated with mature mixed conifer and pine-oak forests and steep canyons. It is possible that this species may occur in the area of our claims.
- Southwestern Willow Flycatcher: A federally endangered songbird that nests in dense riparian willow/cottonwood near rivers and stream corridors. This riparian environment does not occur in the area under Gamma's claim.

- Western Yellow-Billed Cuckoo: Inhabits cottonwood-willow gallery forests, an environment that does not exist in the area of proposed drilling.
- New Mexico Jumping Mouse: Inhabits dense riparian vegetation along perennial streams and seeps; an environment that does not exist in the drilling areas proposed.
- Bald Eagle: Although delisted federally, it remains a conservation focus, but prefers large reservoirs and larger rivers.
- Rio Grande Cutthroat Trout: A native trout of conservation concern. There are no cold headwater streams in the area where this species thrives.
- Larger mammals that inhabit the Carson National Forest include black bear, elk, deer, and mountain lion. Extreme care will be taken to protect the local fauna and flora in the exploration area to ensure they are not to be harmed or disturbed by Gamma's operations. It is anticipated that there will be no endangerment to the indigenous wildlife or flora.

F. Cultural Resources: *Describe measures for protecting known historic and archeological values, or new sites in the project area.*

The Mesa Arc area lies about 40 miles northeast of Cerro Pedernal, a flat-topped mountain capped by abundant chert layer that was quarried by Paleoindians through Clovis times. This chert is tough, fine-grained, and fractures with sharp, conchoidal edges, making it ideal for flake stone tools. Evidence for tools and projectile points indicate that Pedernal chert was used and widely distributed and found throughout northern New Mexico. Pedernal chert artifacts including scrapers, projectile points, and knives can be found throughout New Mexico. It is likely that some artifacts occur within the Carson National Forest. Care will be taken to avoid the any archeological material, sites of historical importance identified in any of the planned drilling areas. All access roads, drill sites, and sumps will be planned to avoid and protect sites of known historic and archeological value in the project area.

Gamma Resources Ltd. has contacted three New Mexico archeological consulting firms to perform a "Class 1 Desktop Archeological Study" of the 4 areas proposed for drilling (see Fig. 2). The study will be performed, and a report will be written and submitted to the USFS and Gamma Resources when completed...prior to the startup of the drilling program. A copy of the report will be delivered to Dana Boruch, Land Program Manager in Taos, NM.

G. Hazardous substances:

1. Identify the type and volume of all hazardous materials and toxic substances, which will be used or generated in the operations including cyanide, solvents, petroleum products, mill, process and laboratory reagents.

This is not a cyanide heap-leach operation; therefore, cyanide, solvents, etc. typically used in a gold mining operation, will not be present. Hazardous substances necessary for drilling are limited to diesel fuel, lubricants and gasoline. These are basically substances to keep the machinery running and lubricated. No additives are anticipated.

2. For each material substance, describe the methods, volume, and frequency of transport (include type of containers and vehicles, procedures for use of materials or substances, methods, volume, and containers for disposal of materials and substances, security (fencing), identification (signing, labeling), or other special operations requirements necessary to conduct the proposed operations.

Diesel fuel consumed by the rigs will be brought in mobile pickup-mounted tanks. All fuel, lubricants, or fluid containers with a volume greater than 5 gallons (except water), will be stored in an appropriately sized containment berm (see 3b below). All vehicles or machinery using fuel will have a suitable containment berm under the fuel and oil tank, as pictured in the photo below.

3. Describe the measures to be taken for release of a reportable quantity of hazardous material or the release of a toxic substance. This includes plans for spill prevention, containment, notification, and cleanup

Drilling will be conducted in accordance with **Best Management Practices**. These include:

- a) Containing all water and drill cuttings in excavated sumps.
- b) Utilizing secondary containment for fuel and petroleum products at the drill site and extra berms at the staging area for all cached hole additives (if any) or lubricants. All fuel containers, or any fluid container exceeding 5 gallons (except water) will be stored in an appropriately sized containment berm. Secondary containment tubs and/or mini-berms will be used as prescribed by EPA's Regulation Code 40CFR112.7 (e)2(ii) stating that "All bulk storage tank installations should be constructed so that a secondary means of containment is provided for the entire contents of the largest single tank plus sufficient freeboard to allow for precipitation." Thus, secondary containment volume will be 110% of the total contents of the largest container in the berm.



Containment berm under barrels of fi

- d) Maintain the presence of spill kits on site (see photo to the right) to interdict any accidental spill. In the unlikely event of an oil spill, an industrial-grade emergency spill kit will be located at the drill site and at the staging area, consisting of a lined 55-gallon plastic or steel drum (with liner) for collection of soiled spill materials and/or contaminated soil. Kits will contain ten (10) 4-foot socks or booms, five (5) 10-foot socks or booms, 40 pounds of super sorbent (absorbs petroleum, diesel oil, and other hydrocarbons), 40 absorbent pads (absorbs hydrocarbons but not water), one broom, sweep pans, shovel, disposal bags, and latex & neoprene gloves. If a reportable accidental spill occurs, the operation will immediately cease, and cleanup will begin. The appropriate agencies, including the U.S.F.S., will be immediately advised; their direction will lead the clean-up.



Universal prepackaged spill kit for water-based additives, coolants, and petroleum-based products.

- e) Maintaining the necessary fire prevention tools on-site to include several heavy-duty fire extinguishers, shovels, buckets, and a spark arrestor on the drill rig.
- f) All trash and garbage will be secured in wildlife-proof receptacles and removed from the site daily. Waste will be transported to a county disposal area near Canjilon or Tierra Amarilla, NM.

H. Reclamation: *Describe the annual and final reclamation standards based on the anticipated schedule of construction, operations, and project closure. Include such items as the removal of structures, facilities, including bridges and culverts, a re-vegetation plan, permanent containment of mine tailing, waste, or sludge which pose a threat of a release into the environment, closing ponds and eliminating standing water, a final surface shaping plan, and post operations monitoring and maintenance plans.*

This is not a mining operation, and there will be no structures, facilities, bridges, culverts, etc. to remove. No mine tailings, sludge, etc., are anticipated.

Reclamation will include the following:

- a) Drill hole casings will be removed or cut off below grade so as not to be exposed above ground level.
- b) Drill holes will be plugged in a manner that meets or exceeds the State of New Mexico standards. The entire hole will be filled with swelling bentonite clay to prevent possible cross-contamination of aquifers, and the upper five feet of each hole will be plugged with cement. An aluminum drill hole identifiers will be indelibly inscribed and placed on the cement cap of each hole.
- c) Roads and drill site locations will be re-graded by the cat/backhoe to the original grade, with stockpiled topsoil to be replaced over the reshaped area. Available slash will be distributed across the site to blend with the surroundings, and a seed mix perscribed by the U.S. Forest Service botanist will be applied to encourage re-vegetation.

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

A. Required changes/modifications/special mitigation for the Plan of Operations:

(IF MORE SPACE IS NEEDED TO FILL OUT A BLOCK OF INFORMATION, USE ADDITIONAL SHEETS AND ATTACH FORM)

- B. **Bond:** Reclamation of all disturbances connected with this Plan of Operations is covered by Reclamation Performance Bond No _____, dated _____ signed by _____ Principal and _____ (surety), of the penal sum of _____.

This reclamation Performance Bond is a guarantee of faithful performance with the terms and conditions listed below, and with the reclamation requirements agreed upon in the plan of operations. This Reclamation Performance Bond also extends to and includes any unauthorized activities conducted in connection with this operation.

The bond amount for this Reclamation Performance Bond was based on a bond calculation worksheet. The bond amount may be adjusted during the term of this proposed plan of operations in response to changes in the operations or to changes in the economy. Both the Reclamation Performance Bond and the bond calculation worksheet are attached to and made part of this plan of operations.

Acceptable bond securities (subject to change) include:

- 1. Negotiable Treasury bills and notes which are unconditionally guaranteed as to both principle and interest in an amount equal at their par value to the penal sum of the bond; or*
- 2. Certified cashier's check, bank draft, Post Office money order, cash, assigned certificate of deposit, assigned savings account, blanket bond, or an irrevocable letter of credit equal to the penal sum of the bond.*

VII. TERMS AND CONDITIONS

A. *If a bond is required, it must be furnished before approval of the plan of operations.*

B. *Information provided with this plan marked confidential will be treated in accordance with the agency's laws, rules, and regulations.*

C. *Approval of this plan does not constitute certification of ownership to any person named herein and/or recognition of the validity of any mining claim named herein.*

D. *Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules, or regulations.*

E. *If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, those operations will not proceed until notification is received from the Authorized Officer provisions form mitigating unforeseen impacts as required by 36 CFR 228.4(e4) and 36 CFR 800 have been complied with.*

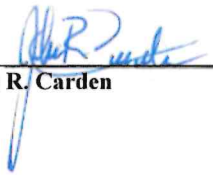
F. *This plan of operations has been approved for a period of _____ or until _____ (mm/dd/yy) A new ore revised plan*

must be submitted in accordance with 36 CfR part 228, subpart A, if operations are to be continued after that time period.

VIII. OPERATING PLAN ACCEPTANCE

We have reviewed and agreed to comply with all conditions in this plan of operations including the required changes, modifications, special mitigation, and reclamation requirements.

We understand that the bond will not be released until the Authorized Officer in charge gives written approval.

		
Authorized Representative	John R. Carden	Date

IX. OPERATING PLAN APPROVAL

_____	_____
District Ranger	District Ranger
_____	_____
(Authorizing Officer)	Date

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB number. The valid OMB number for this information collection is 0596-0022. The time required to complete this information collection is estimated to average 8 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.