STATE OF COLORADO

Cazier - DNR, Tim <tim.cazier@state.co.us>

Joe Dorris

1 message

Titterington, Amy J -FS <amyjtitterington@fs.fed.us> Wed, Sep 10, 2014 at 9:54 AM
To: "tim.cazier@state.co.us" <tim.cazier@state.co.us>

Tim,

Joe Dorris' Plan of Operations is attached. I will forward along with a copy of the Decision Memo later this afternoon, once Josh signs it.

If you need anything else, let me know.

USDA

Amy Titterington, P.G.
Geologist

USDA Forest Service

South Park Ranger District

P.O. Box 219

320 Highway 285

Fairplay, CO 80440

p: 719-836-3871
amyjtitterington@fs.fed.us

POO072013.pdf
5305K

Joseph Dorris
2920 Cedar Heights Drive
Colorado Springs, CO 80904
719 685 4479

U.S. Forest Service
South Park Ranger District
Box 219
320 Highway 285

To Whom it may concern: 29 June 2013

Enclosed is the paper copy of the plan of operations for American Dream Exploration for exploratory work on three unpatented mining claims.

The attached POO only addresses digs on four potential sites. All other work will be by hand at this time. We would like to proceed with hand digging and exploration while awaiting the approval of the plan of operations and would like this to serve as the NOI as well. Any hand digging will be in search of other promising areas within the three claims. All digs will be filled and disturbances will be minimal. We will be looking to expose pegmatite structures which may be added in the future to an amended POO for mechanized exploration or for a State Mining Permit.

Thank you kindly,

Joseph L. Dorris
Agent American Dream Exploration

Atch
Plan of Operations
w/ maps

USDA, Forest Service

PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST SYSTEM LANDS

FS-2800-5 (Rev. 3/08)
OMB 0596-0022

USE OF THIS FORM IS OPTIONAL! **1st TIME USERS SHOULD DIRECT QUESTIONS REGARDING THIS FORM OR REGULATIONS (36 CFR 228A) TO THE FOREST SERVICE DISTRICT OFFICE NEAREST YOUR AREA OF INTEREST.**

Submitted by:	Signature	Owner Title	06/30/13 Date (mm/dd/yy)
	Joseph L. Dorris Signature	Agent Title	06/28/13 Date (mm/dd/yy)
Plan Received by:	Signature	Title	Date (mm/dd/yy)

I. GENERAL INFORMATION

A. **Name of Mine/Project:** AMERICAN DREAM EXPLORATION

B. **Type of Operation:** lode exploration
(lode, placer, mill, exploration, development, production, other)

C. **Is this a (☒new/☐continuing) operation?** *(check one).*
If continuing a previous operation, this plan (☐replaces/☐modifies/☐supplements) a previous plan of operations. *(check one)*

D. **Proposed start-up date *(mm/dd/yy)* of operation:** 08/01/2013

E. **Expected total duration of this operation:** 10 years

F. **If seasonal, expected date *(mm/dd/yy)* of annual reclamation/stabilization close out:** 31 Oct annually

G **Expected date *(mm/dd/yy)* for completion of all required reclamation:** 08/01/2023

II. PRINCIPALS

A. **Name, address and phone number of operator:**
Abraham Velasco, 6030 Barnacle Court, Colorado Springs, CO 80918, 719 659-5774

B. **Name, address, and phone number of authorized field representative (if other than the operator). Attach authorization to act on behalf of operator.**
Joe Dorris, 2920 Cedar Heights Drive, Colorado Springs, CO 80904, 719 650-6177

C. **Name, address and phone number of owners of the claims (if different than the operator):**
Abraham and Krystle Velasco are joint owners; same address

(If more space is needed to fill out a block of information, use additional sheets and attach form)

D. **Name, address and phone number of any other lessees, assigns, agents, etc., and briefly describe their involvement with the operation, if applicable:**

III. PROPERTY OR AREA

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

MC#	Name	Section	Township	Range
284255	Laramie Cowboys	10	12 S	71 W
284256	Klondike	10	12 S	71 W
284257	American Dream	10	12 S	71 W

IV. DESCRIPTION OF THE OPERATION

A. **Access.** *Show on a map (USGS quadrangle map 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.*

Claim location and access map is attached. Access is by numbered F. S. roads. F.R. 201 to F.R. 752 to F.R. 274 to intersection of unnumbered road. Specific walk-in access for excavator is indicated on map. Length of walk-in will be 1,500 feet with all dig sites adjacent to indicated route. No road construction will be necessary. Walk-in access will be sufficient for the four planned prospect sites. Maintenance, except for emergency repairs if necessary, will be done off site. Other than a medium-size excavator which will use access in and out a single time, only 4WD private vehicles will be used on the access routes.

B. **Map, Sketch or Drawing.** *Show 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.*

Dig sites, 020, 023, 024, and 025 will be dug by a John Deere 690 excavator (track hoe). (Other sites will be hand dug.) These are exploritory digs, each being a maximum of 100 feet by 100 feet including storage for overburden and topsoil for total 50,000 square feet (1.15 acre) potential disturbance. One dig will be planned for each season with hand prospecting being conducted to determine other potential sites. Very minor timber may be removed, but will be used in reclamation. There are no settling ponds, stream channels, run-off diversions, drill pads or waste dumps. Top soil will be stored during operations and all material removed from excavations will be returned. There are no nearby streams or waterways. Any dig site will be bermed below the dig to stop any potential erosion. The four dig sites are located by gps as follows: All sites are 39 degrees north and 105 degrees west. 020 n 1.126, w 19.218; 023 n 1.115, w 19.274; 024 n 1.157, w 19.264; 025 n 1.120, w 19.175.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

C. **Project Description.** *Describe all aspects of the operation including mining, milling, and exploration methods, materials, equipment, workforce, construction and operation schedule, power requirements, how clearing will be accomplished, topsoil stockpile, waste rock placement, tailings disposal, proposed number of drillholes and depth, depth of proposed suction dredging, and how gravels will be replaced, etc. Calculate production rates of ore. Include justification and calculations for settling pond capacities, and the size of runoff diversion channels.*

Most of the work will be with pick and shovel hand digs exploring for pegmatite structures. (If significant mineral value is discovered, a separate mining permit will be submitted.) The four planned excavations will be open-pit digs to a maximum 15-foot depth using an excavator. All minerals of value will be hand-collected and removed from site for further cleaning and preparation. Water may be used to help wash minerals in situ to help in the collecting process. Sites are open and grassy with some minor brush. Stites also have a large number of boulders. These will be used in reclamation. There are less than a dozen trees which may need to be removed. If so, they will be used in reclamation and placed cross slope. Stumps will be buried. Tools include simple pick and shovel, small hammer, screwdrivers, and appropriate personal safety gear such as hard hats, gloves, high-vis clothing (when operating with mechanized equipment). During mechanized operation a crew of four to five people will be present. Topsoil will be scraped aside using the excavator and stored in accessible soil piles upslope of the dig. Waste rock will be moved to the sides and below the excavation as work progresses. After the dig is completed, the waste rock will be returned to the excavation and the topsoil will be spread on top to the original depth. There are no tailings, drillholes, or use of water other than to inspect minerals. A couple hundred pounds of crystals are expected to be recovered from each dig, possibly none, and possibly more if the pegmatites encountered have larger pockets. There is no mined ore and no haulage. There is no runoff or settling ponds. Operations are planned for a maximum of 10 days, 8-hour days for mechanized equipment, not to include hand prospecting. Operations may be intermmitent due to weather and conditions and will take place between May and November. No construction nor electric power is needed. If necessary, a compressor may be brought on site for chipping hammers.

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

A John Deere medium-size construction excavator with bucket will be used for digging the sites and for reclamation. Possibly a medium-size compressor will be used to run pneumatic chisels. Otherwise, POV 4WD vehicles will be used for access. Fuel will be brought on site only for refueling and will remain in one of the 4WD trucks. Approximately 10 days of operations is expected, approximately 80 hours each season, for each dig including machine reclamation. Further reclamation, seeding, and planting trees will be carried out by hand. A 150-gallon tank of water with car battery for pump and hoses will be brought on site when pockets are encountered for help in collecting the crystals. All water is brought in from offsite.

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 project facilities, justification and calculations for sizing of tanks, pipelines and water diversions, etc.*

There will be no structures. A tent camp will be used during operations and will be adjacent to the walk-in point for the excavator. Personnel will camp for three or four nights. Minimal impact camping practices will be used. Due to the short operation time (approximately 10 mechanized days each season) sanitation facilities will be off site.There will be no storage of any items on site other than normal tools and equipment being used for the project. At close-out for the season, all equipment and any refuse will be removed. The site will be clean. If necessary, any possible open holes will be filled to a safe level. All operations will be conducted during daylight.

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.*

There will be minimal impact on air quality. No slash will be burned and no open fires will be used. No haulage will occur. Normal travel to the site will be 4WD truck, approximatley 40 trips combined during mechanized operations. Due to the nature of the granitic soil and small excavation size, no significant dust is generated. After the first foot of topsoil is scrapped and piled, generated dust is minimal. The deeper granitic soil is damp and generates no dust. Consequently, the low impact of operations will be below the threshold for dust mitigation.

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 operation, and describe the quantity, source, methods and design of diversions, storage, use, disposal, and treatment facilities. Include assumptions for sizing water conveyance or storage facilities.*
2. *Describe methods to control erosion and surface water runoff from all disturbed areas, including waste and tailings dumps.*
3. *Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.*
4. *Describe the measures to be used to minimize potential water quality impacts during seasonal closures, or for a temporary cessation of operations.*
5. *If land application is proposed for waste water 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.*

No wastewater is produced nor is any appreciable amounts of water used in this operation. Approximately one gallon of water will be used daily to wash off potential specimens to examine them. A 150 gallon water tank will be brought on site for helping collect crystal pockets to prevent damage when found. This uses a normal garden hose and small RV type pump. Water will be brought from off site and will be readily absorbed in the grus gravels. All sites will be bermed to prevent any possible erosion or runoff. Due to the nature of topography and airid climate, no runoff is produced. All water is readily absorbed in the highly porous substrate and storage piles. All drinking water is brought in from off site. There is no nearby open water and the water table is far below the depth of operations. Operations are on elevated geography.

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.*

All solid wastes will be reincorported and recontoured into the backfills. All minearls being extracted are silicates. There are no secondary, harmful substances, such as oxides, acids, or other contaminants produced through operations or exposure to air or water and no chemical characteristics of these minearls are damaging to the environment. There are no solid wastes produced other than human. This is taken care of off site. Any garbage will be removed from site and disposed of at an approved sanitary landfill.

D. **Scenic Values.** *Describe protection of scenic values such as screening, slash disposal, or timely reclamation.*
Due to the remote nature of these dig sites and the small scale of operatons, there will be minimal impact on scenic value. This area is minimaly visited by other people. Most use is by recreational rockhounds who are digging for crystals and by ATVs who use the nearby trails and roads. During fall, hunters may be in this area. Visiual impact is minimized by restricting the size of the excavations wherever possible and by refilling excavations as quickly as possible. Each dig site will be reclaimed and reseeded in the season it is opened unless substantial mineral potential is discovered. In that case, the site is made safe for off season, all equipment, and anything associated with the operation is removed from site. Old, hand-dug prospects which are in and near our operations will also be filled and reclaimed. Our goal is to protect the scenic values as much as possible and return the land as quickly as possible to suitable wildlife habitat.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

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.*

No threatened, endangered, or sensitive species have been identified within our areas of operation. I do not plan to operate in areas which might endanger fisheries or wildlife. Reclamation is carried out as quickly as possible. An environmental impact study and biological assessment in nearby areas was conducted in 2006. No major impact has been noted.

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

No known areas of historic value or archeological sites have been discovered or are known to exist in this area of operations. An inspection of surrounding areas was conducted in 2006. The mining district, itself, is the most historic location in the world for amazonite and smoky quartz. This historical heritage is of significance in itself. The world's finest specimens since the late 1800's have been produced in this area and the entire area should be considered an important historic mining district.

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.*

   No hazardous substances will be used on site nor be produced by this operation.

   Diesel fuel will be brought on site for the excavator every other day in a sealed, 75-gallon tank on a 4WD truck for refueling. No fuel or lubricants will be stored on site, but will remain in the bed of a truck as much as is practical while being used on site. The excavator will be returned to a level and safe area for refueling.

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2. *For each material or 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 is transported in an approved 75-gallon tank which is attached to the 4WD truck. Refueling takes place approximately every other day.

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

   There will be no release of toxic materials due to this operation. None of the mined substances produce any toxic substances. In the event of an accidental fuel spill, we will follow the reporting rule as outlined by the state division of reclamtion, mining, and safety, 2 Aug 2005. This includes notifying the South Park Ranger District. It includes treating with aeration and introducing oil-degrading bacterial.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

H. Reclamation. *Describe the annual and final reclamation standards based on the anticipated schedule for construction, operations, and project closure. Include such items as the removal of structures and facilities including bridges and culverts, a revegetation plan, permanent containment of mine tailings, waste, or sludges 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.* Each dig site will be closed and reclaimed as soon as possible after opening. Because this is an exploration project, any prospects opened during the season will be closed, recontoured, and reseeded during the season in which they are opened. Specifically, each excavation will be refilled with the stored waste rock and regraded. The recontouring will be left rough to aid in trapping seed and eliminating any possible erosion. Stored topsoil will then be spread and the ground will be reseeded using the South Park District's approved dry/lower elevatin seed mix. Available logs will be drug across slope. All sites will be monitored anually for growth. If reclamation should not be successful for any given site, the process will be repeated until 80% coverage or better is achieved. All heavy-traffic areas, walk ways for equipment, non-system roads, working pads, campsites, and any other disturbed areas will also be recalimed in a like fashion. Additionally, all pre-existing hand-dug pits, trenches, and excavations within the immediate area of operations will also be reclaimed.

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

A. Required changes/modifications/special mitigation for plan of operations:

B. Bond. Reclamation of all disturbances connected with this plan of operations is covered by Reclamation Performance Bond No. _____, dated (mm/dd/yy) _____, signed by _____ (Principal) and _____ (Surety), for 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 or 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.*

(If more space is needed to fill out a block of information, use additional sheets and attach form)

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 that provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) 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 or 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

☐I/☒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.

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

Signature of ☒Operator (or ☒Authorized Representative)	(Date) *(mm/dd/yy)*

IX. OPERATING PLAN APPROVAL

(Name)	(Title)

Signature of (Authorized Officer)	(Date) *(mm/dd/yy)*

Burden and Non-Discrimination Statement

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 control number. The valid OMB control number for this information collection is 0596-0022. The time required to complete this information collection is estimated to average 12 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.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

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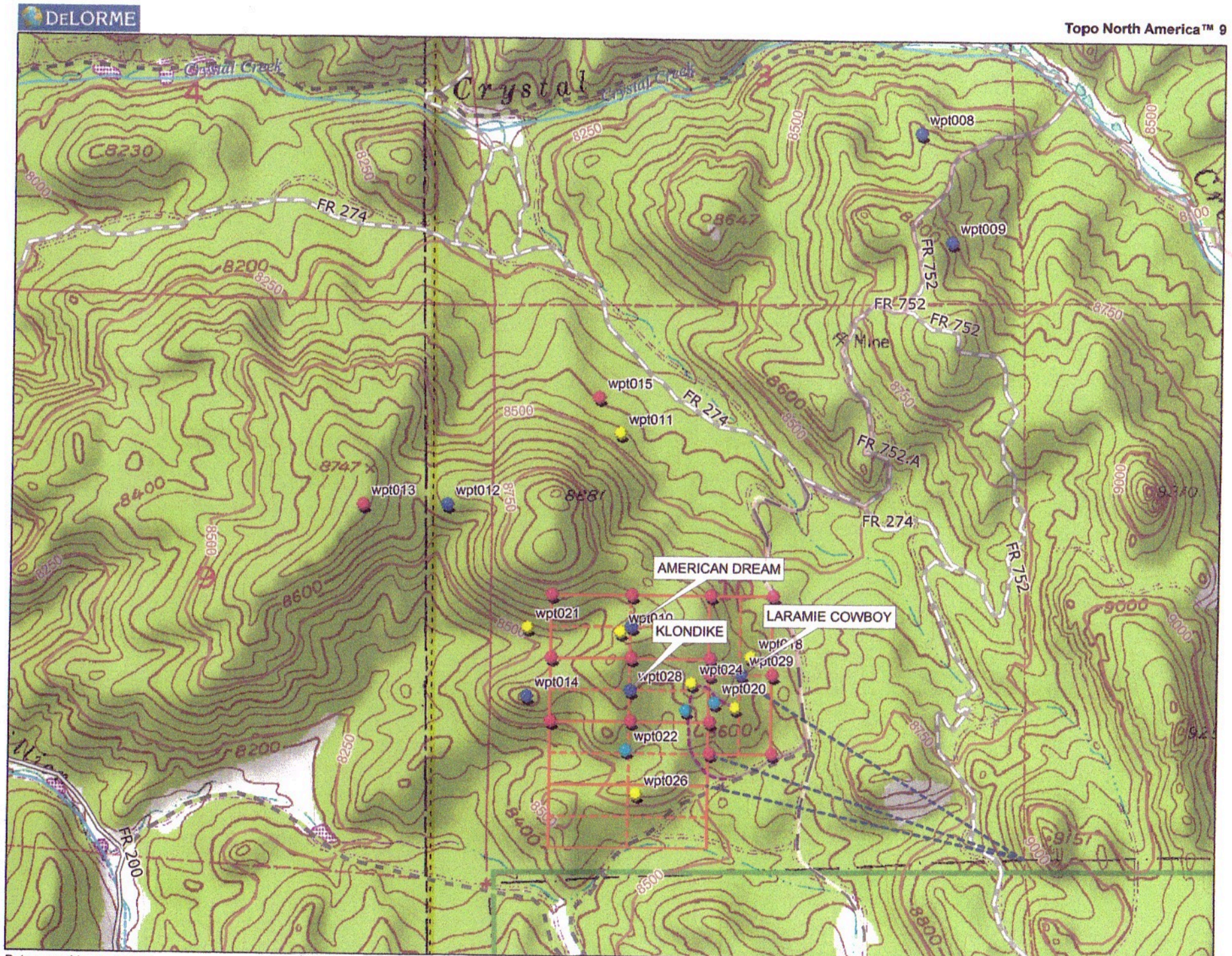
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Scale 1 : 14,400
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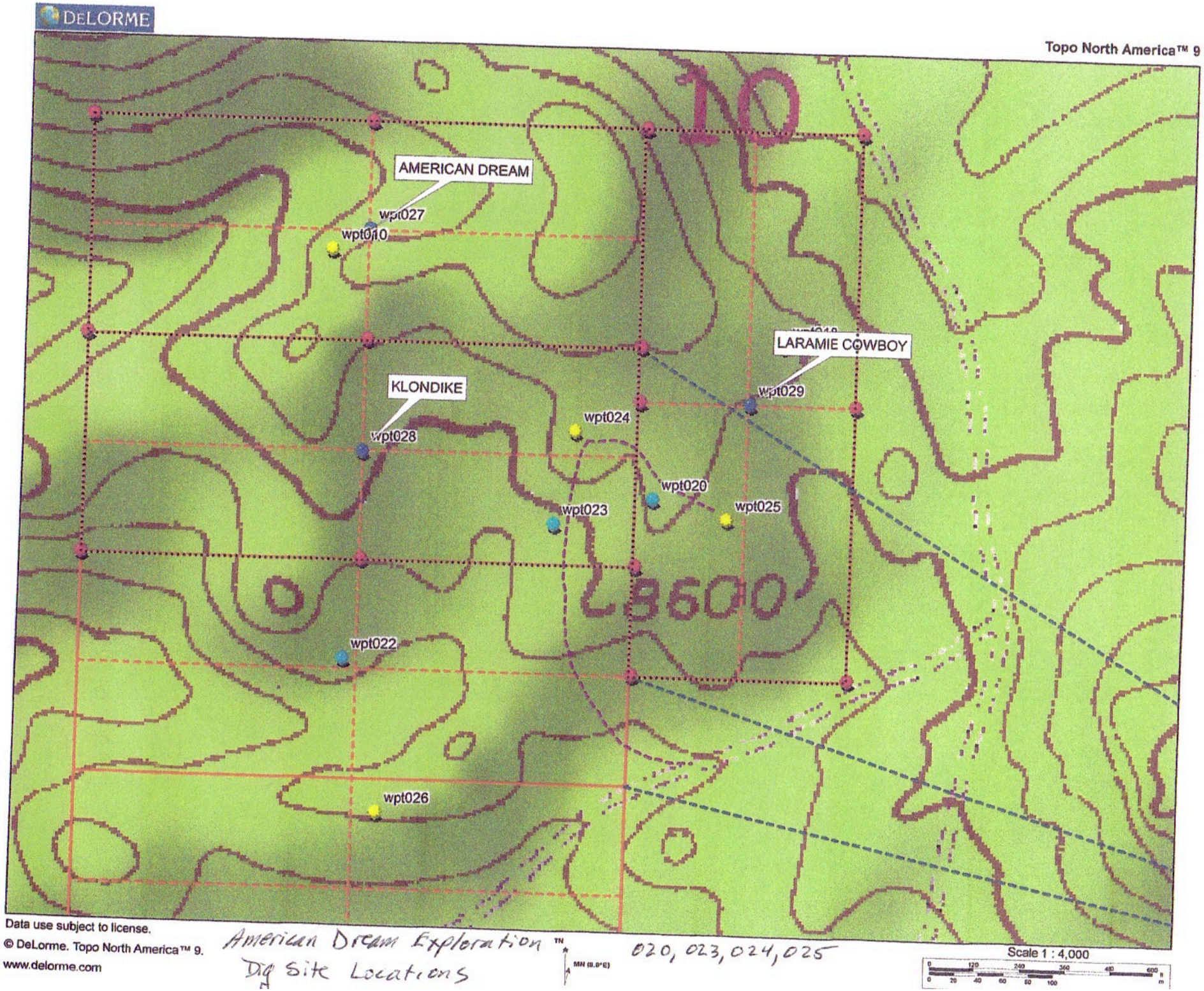
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