

Return by 3:00 pm (date) July 26, 2007 (time) to:

San Luis Valley
Resource Conservation and Development Council
2205 State Avenue
Alamosa, CO 81101

Bid Schedule
Last Chance Mine Reclamation Project

Item	Description	QTY	Unit	Unit Price	Amount
1.	Mobilization/Demobilization	1	Job	N/A	\$_____
2.	Construct Run-on Controls	1	Job	N/A	\$_____
3.	Reshape Waste Pile	1	Job	N/A	\$_____
4.	Construct Stream Diversion, Alternative A or B	1	Job	N/A	\$_____
				GRAND TOTAL	\$_____

Contractor _____ Date _____

Signature _____ Phone _____

Address _____ Fax _____

Tax ID # _____

THIS BID DOCUMENT MUST BE RETURNED WITH YOUR BID

SPECIAL CONDITIONS Last Chance Mine Reclamation

PROJECT LOCATION

The Last Chance mine site is located north of Creede in Mineral County. The site can be accessed from the Bachelor Loop Road. Please see the attached map, Figure 1.

WORK SUMMARY

The project work will include construction of run-on controls above the Last Chance waste pile, reshaping of the Last Chance waste pile, and construction of a retaining structure along West Willow Creek below the Last Chance waste pile.

PRE-BID MEETING AND SITE SHOWING

A mandatory pre-bid meeting and site showing will be held in the Creede Underground Mining Museum which is located at the north end of Creede on July 12, 2007 at 1:00 p.m. (see attached maps).

The Pre-Bid Meeting is for the purpose of showing prospective bidders the work site and vicinity. Bidders are advised to be prompt. A sign-in sheet will be available at the Pre-Bid meeting for firms to register their attendance. It is the bidder's responsibility to make certain their attendance is recorded on the sign-in sheet. Failure to sign-in or to attend the entire meeting will be cause for rejection of a bid.

Bidders are cautioned that, notwithstanding any remarks or clarifications given at this meeting and site showing, all terms and conditions of the contract documents remain unchanged unless they are changed by written amendment issued by the OWNER. If the answers to questions, or any amendment to the contract documents create ambiguities, it is the responsibility of the bidder to seek clarification prior to submitting a bid.

BID OPENING DATE

The bid opening date for this project is July 26, 2007, 3:00 pm at the San Luis Valley Resource, Conservation and Development Council office located at 2205 State Avenue in Alamosa.

All bid openings are open to the public and bidders are welcome to attend and record the bid results. Please allow two weeks for receipt of bid results. Telephone requests cannot be honored because of time constraints.

BID SUBMITTAL

Sealed bids in single copy for the work described herein will be received until the date and time specified above at the San Luis Valley Resource, Conservation and Development Council office located at 2205 State Avenue, Alamosa, Colorado 81101 and at that time publicly opened.

A responsive bid must include the following, properly completed:

- Bid Schedule
- List of Equipment Offered

This is a sealed bid. Telegraphic or electronic (FAX, Western Union, Telex, etc.) bids will NOT be accepted directly by the SLVRC&D in response to this bid.

Bids must be manually signed in ink. All bid items must be priced or the bid will be disqualified. In case of error in the extension of price, the unit price shall govern. The quantities listed on which unit prices are requested are estimates only. The prices indicated on the Bid Schedule and included in the Contract Documents shall include the cost of all labor and materials, equipment and services, and all other expenses necessary for the completion of the work. Alternate bids will not be accepted. Bids must be signed as follows:

If the Bidder is a corporation: The bid must be signed by an officer (President or Vice President), and the title indicated. The signature of the officer shall be attested to by the Secretary and properly sealed. Include the corporations Federal Employer ID Number in the "Tax ID" blank.

If the Bidder is a proprietorship: The OWNER must sign the bid and print or type his name, the business name and social security number.

If the Bidder is a partnership: The majority or general partner must sign the bid. The same person must sign the contract, if awarded. Also include the company name and tax ID Number.

List of Equipment Offered. The List of Equipment Offered form must be returned with each bid. All equipment to be used on the project must be listed. The CONTRACTOR must own, have a current lease for the equipment intended to be used to perform the work, or must furnish a statement of arrangements to rent, or otherwise procure, adequate equipment to perform the work. Inclusion of a piece of equipment on the List of Equipment Offered represents a commitment to devote that piece of equipment to the project work for the entire duration of the project. If several CONTRACTORS propose to join together to perform the work under this purchase order contract, equipment owned or controlled by each should be listed and the owner identified. A purchase order contract will not be awarded to a bidder who in the opinion of the OWNER (a) does not have adequate equipment, or (b) does not have firm and satisfactory arrangements to obtain adequate equipment to perform the work described in the Invitation and Bid.

BID AWARD

Award will be made with reasonable promptness, by written notice to the low responsive and responsible bidder whose bid meets the requirements and criteria set forth in the Invitation for bid. These criteria will include, but not be limited to the lowest GRAND TOTAL PRICE, corrected if necessary for errors in price extension and/or addition, on the Bidder's equipment if a List of Equipment Offered is required with the bid, and capability to meet the performance time requirements. The GRAND TOTAL PRICE will be used for comparing bids only.

PROJECT DATES

The project is scheduled for construction between August 13, 2007 and September 30,2007. This includes ten (10) days mobilization time.

TIME OF COMPLETION

The time of completion allowed for the project is 48 calendar days after receipt of the Notice to Proceed. This includes ten (10) days mobilization time.

LIQUIDATED DAMAGES

The liquidated damages for this project will be \$400.00 per day.

NOTICE OF AWARD AND EXECUTION OF DOCUMENTS

A Notice of Award will be sent to the apparent low bidder within four (4) days of the bid opening. The contract signing date and time will be set for seven (7) days after the bid opening. The San Luis Valley RC&D must receive the following:

- (a) Executed Agreement;
- (b) Fully-executed Performance and Payment Bonds, accompanied by appropriate power of Attorney, effectively dated;
- (c) Certificates of Insurance showing proof of required coverage and Additional insured Endorsement;
- (d) Project schedule;
- (e) A list of all subcontractors to be used on the project, the work tasks and dollar value to be subcontracted to each, and

If the above documents are not submitted properly by the contract signing date, the San Luis Valley RC&D may elect to award the contract to the next lowest bidder. Bidders are advised to keep close contact with San Luis Valley RC&D during this period.

CONDITIONS AFFECTING THE WORK

In addition to examining the drawings and specifications, completion schedule, and other instructions, bidders shall visit the site and take such other steps as may be reasonably necessary to ascertain the nature and location of the work, including average climatic conditions and the general and local conditions which can affect the work or the cost thereof. Failure to do so will not relieve bidders from responsibility for estimating properly the difficulty or cost of successfully performing the work.

PROJECT WORK DESCRIPTION

Bid Item #1 Mobilization and Demobilization

This Bid Item covers the CONTRACTOR'S operations for:

- a. Payment of premiums for bonds and insurance acquired specifically for the construction of this project, including premiums for performance and payment bonds;
- b. Movement of personnel, equipment, operation supplies, and incidentals to the project site;
- c. Establishment of office, buildings, and other necessary temporary facilities at the project site;
- d. Preparatory work at the construction site; and,
- e. Demobilization of CONTRACTOR'S equipment and all other facilities, final project clean-up, and for all other work for which payment is not otherwise provided for under the contract.

The temporary facilities may include, but not be limited to the following:

- a. Workshops, offices, storage yards, and construction plant and equipment including spare parts, fuels, and oil;
- b. Sanitation facilities, communication facilities, and sprinkler trucks;
- c. CONTRACTOR's electrical power system; and,
- d. Other items such as water, compressed air, etc., not specifically listed but required for the functioning of construction activities.

Upon receipt of the Notice to Proceed, the CONTRACTOR shall furnish, mobilize, move in, and install such temporary works and equipment as are necessary for the successful completion of the work. The CONTRACTOR shall also operate and maintain such temporary works, equipment and construction plant throughout the period of construction. All applicable temporary works, such as sanitation facilities, shall fully comply with all rules and regulations.

Clearing and grubbing operations necessary for the temporary works, if any, shall also be included as mobilization.

Upon completion of the work under this Contract, the CONTRACTOR shall remove all temporary facilities and equipment. The CONTRACTOR shall remove from the work site all rubbish, unused materials, and shall fill and dress all holes and disturbances made for convenience, and leave all areas in good order and condition, subject to the approval of the PROJECT MANAGER.

If remobilization becomes necessary due to seasonal conditions beyond the CONTRACTOR'S control, remobilization costs will be paid based on documented actual costs. No remobilization payment will be made if delays necessitating remobilization were the CONTRACTOR'S responsibility.

No measurement for payment will be made for mobilization and demobilization. Payment of two-thirds of the lump sum price bid will be made with the first monthly progress payment after completion of the work described in the attached specifications for mobilization. Payment of one-third of the lump-sum price bid will be made with the final progress payment for the work if demobilization has been completed. If the price bid for mobilization and demobilization is greater than 15 percent (15%) of the total contract price, invoices supporting the mobilization costs will be required before payment is approved.

Bid Item #2 Construct Run-on Controls (See Figure 2.)

In order to reduce run-on and subsequent erosion of the Last Chance waste pile, a berm must be constructed along the outside of the road above the waste pile to direct water around the waste pile as shown on Figure 2. The length of diversion to be constructed is approximately 375ft. The berm must be a minimum of two feet in height with 2h:1v side slopes. As an alternative, a combination berm and ditch can be constructed. The ditch must be a minimum of one foot in depth and the berm must be one foot in height. The side slopes of the ditch and berm must be a minimum of 2h:1v. Upon completion of the berm/ditch, it shall not interfere with travel along the existing roadway. Additionally, a swale shall be constructed to divert water across the roadway as shown on Figure 2. The swale shall be one foot in depth with 8h:1v side slopes.

There will be no measurement for payment for Bid Item #2. Payment for this task will be

reflected in a lump sum bid under Item #2 on the Bid Schedule. This lump sum bid will cover all costs for the above described work.

Bid Item #3 Reshape Waste Pile (See Figures 3 and 4.)

The upper part of the Last Chance waste pile has small benches and other depressions where snow can accumulate as shown on Figure 3. Snowmelt from these sites has caused small gullies that move waste rock into West Willow Creek. These areas and the upper part of the waste pile will be reshaped to eliminate these points of snow accumulation.

The objective will be to reshape the upper portion of the Last Chance waste pile such that all benches are eliminated and a uniform convex slope is achieved. Construction will bring waste material up to the top of the waste pile, therefore providing a continuous slope from the road down the waste pile. Waste material should join the natural slope just below the road. This will allow precipitation to move off to the sides from the apex and prevent concentration of water flow as shown in Figure 4. The area to be recontoured comprises approximately 0.6 acres.

Due to the steep slope and precarious aspect of the waste pile, a “slusher” or “dragline” type system may be required to reshape material located beyond the reach of an excavator. No road building will be allowed on the outslope of the waste pile unless approved by the PROJECT MANAGER.

There will be no measurement for payment for Bid Item #3. Payment for this task will be reflected in a lump sum bid under Item #3 on the Bid Schedule. This lump sum bid will cover all costs for the above described work.

Bid Item #4 Construct Stream Diversion (See Figure 5.)

During snowmelt and storm events, material from the Last Chance waste pile is carried into West Willow Creek at the toe of the waste pile. A retaining structure will be constructed within West Willow Creek at the base of the Last Chance to divert the creek to the northeast side of the channel, and provide a “dry” location for eroded waste material to accumulate. Access to the wall location will be limited to foot traffic only. Material for wall construction may be hand carried from the Amethyst 5 portal or lowered down the Last Chance waste pile.

The CONTRACTOR shall choose from the following two alternatives to construct the retaining structure.

Alternative A:

A grouted rock wall will be constructed to divert West Willow Creek. The grouted rock wall will be 5ft. high and 5ft. wide at its base tapering to 3ft. wide at the top. The wall shall extend between the large boulders as shown on Figure 5, and shall be founded on bedrock. Some hand excavation may be required to reach bedrock. If large diameter rock incapable of excavation by hand is encountered, then the wall may be founded at that point, per PROJECT MANAGER approval. A temporary stream diversion constructed with sandbags or similar methods will likely be necessary to construct the wall. The total length of wall to be constructed is approximately 75ft.

The wall shall be constructed with non-mineralized, durable rock available onsite or adjacent. Dry-stacking of rock is not permitted. Wall shall extend to bounding boulders and bedrock outcrops with no spaces. Cement grout shall consist of commercially-available sand and cement mix with a minimum rated compressive strength of 3500 psi at 28 days. Grout may be mixed onsite. Creek water may be used as water for grout.

There will be no measurement for payment for Bid Item #4, Alternative A. Payment for this task will be reflected in a lump sum bid under Item #3 on the Bid Schedule. This lump sum bid will cover all costs for the above described work.

Alternative B:

A reinforced concrete wall will be constructed to divert West Willow Creek. The concrete wall will be 5ft. high and 3ft. wide at the base tapering to 1ft. wide at the top. The wall shall extend between the large boulders as shown on Figure 5, and shall be founded on bedrock. Some hand excavation may be required to reach bedrock. If large diameter rock incapable of excavation by hand is encountered, then the wall may be founded at that point, per PROJECT MANAGER approval. A temporary stream diversion constructed with sandbags or similar methods will likely be necessary to construct the wall. The total length of wall to be constructed is approximately 75ft.

The wall shall be constructed with concrete and reinforced with steel mesh type 4x4, W2.0xW2.0. Steel mesh shall be centered within the wall, and extend along the entire length from bottom to top. Mesh shall be secured in-place within the forms. Wall shall be formed to bounding boulders and bedrock outcrops with no spaces.

Concrete shall conform to ASTM C 150 for Type II Portland cement and ASTM C 33 for fine and coarse aggregate. The concrete mix shall be designed to produce a minimum 3500 psi concrete at 28 days. Concrete may be mixed at the work site or delivered as "ready mix", at the CONTRACTORS'S option. Concrete may be placed by tremmie from the top of the Last Chance waste pile to the wall location, or may be placed by hand at the forms. If concrete placement is by tremmie then CONTRACTOR is responsible for designing tremmie such that concrete arrives in the formwork unsegregated. The outslope of the waste pile is over 600ft. long and drops nearly 400ft vertically. The concrete shall be thoroughly dispersed by means of suitable mechanical vibrator. CONTRACTOR is responsible for designing formwork capable of withstanding the load applied by the concrete and the method of emplacement.

There will be no measurement for payment for Bid Item #4, Alternative B. Payment for this task will be reflected in a lump sum bid under Item #3 on the Bid Schedule. This lump sum bid will cover all costs for the above described work.

PROJECT OBSERVATION

The PROJECT MANAGER will be at the project site periodically to monitor construction activities and ensure that each work item is completed and constructed to design specifications. The PROJECT MANAGER will be available during regular business hours (8:00 A.M. to 5:00 P.M.) on weekdays. Inspections will not be scheduled on weekend days or holidays without prior approval of the PROJECT MANAGER. It is the CONTRACTOR's responsibility to schedule inspections with the PROJECT MANAGER so as not to delay the work. The following items must be observed and approved by the PROJECT MANAGER before proceeding with additional work:

1. Excavation of bedrock foundation for retaining structure (Alternative A or B).
2. Placement wire mesh reinforcement prior to concrete placement (Alternative B only).

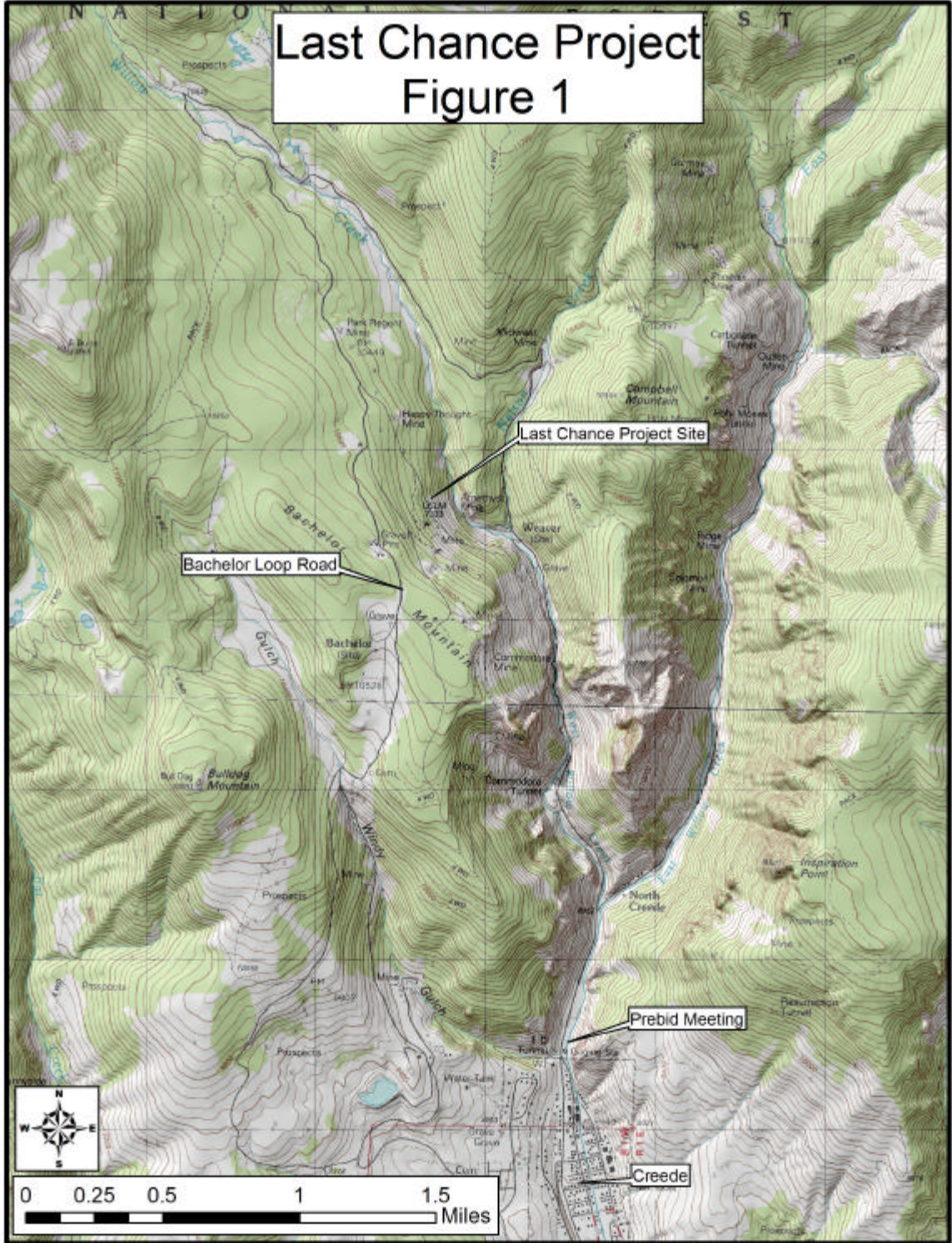


Figure 2
Run-on Controls

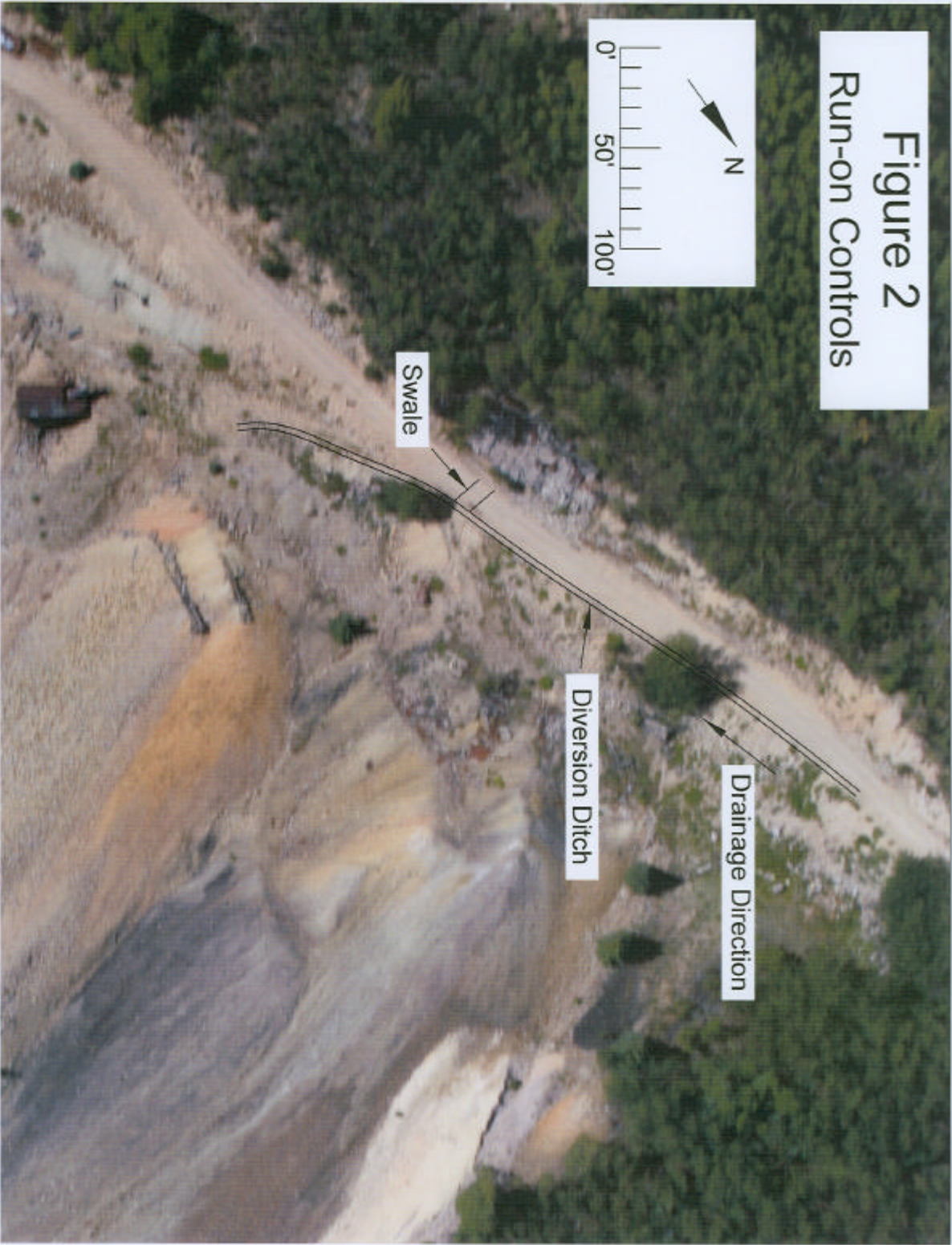


Figure 3. Recontour Area



Figure 4. Final Recontour

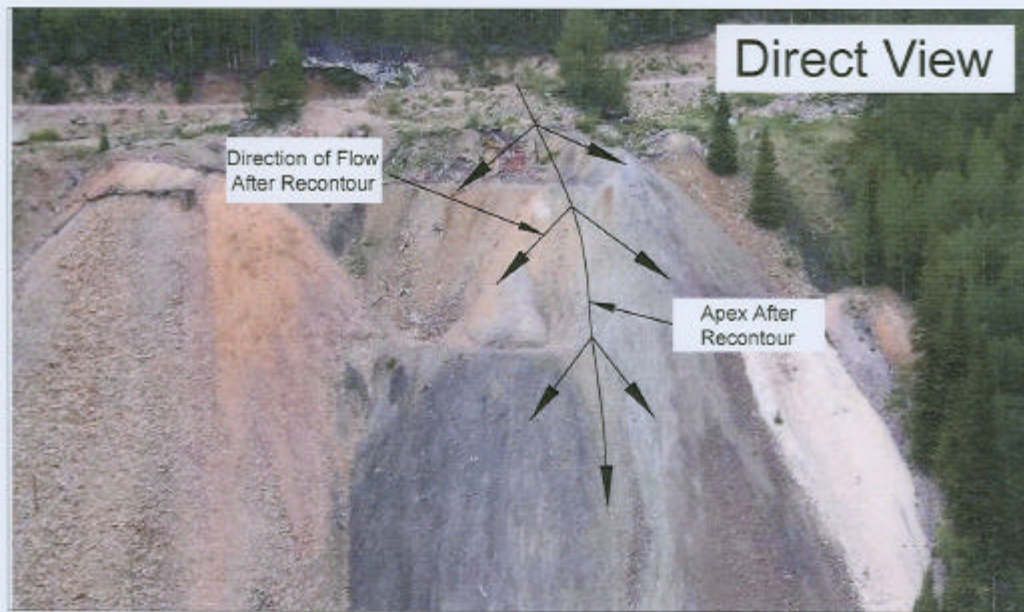
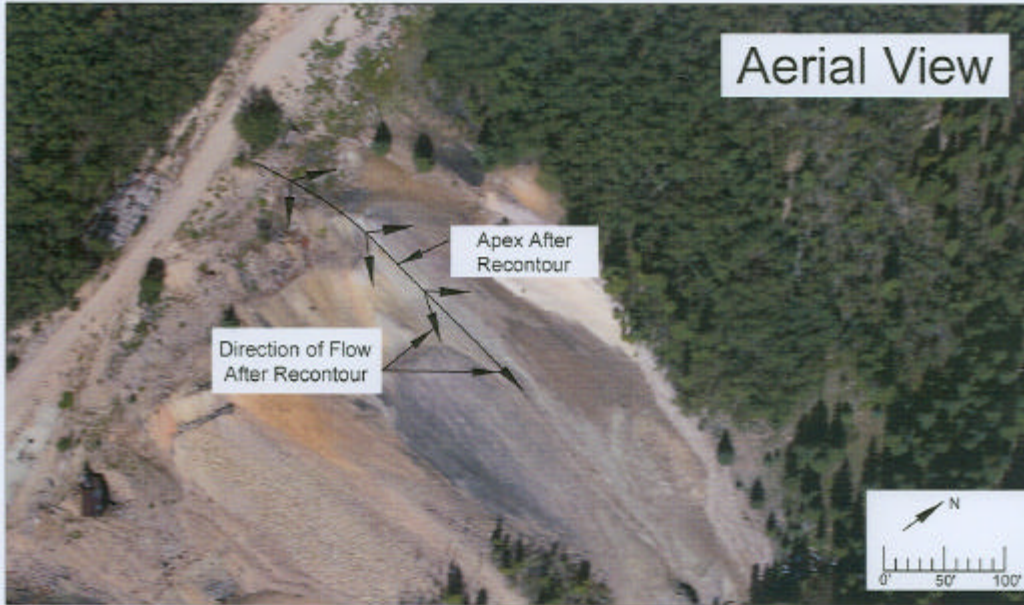


Figure 5. Creek Diversion Wall

