SAN LUIS OBISPO COUNTY

DEPARTMENT OF PLANNING AND BUILDING

THIS IS A NEW PROJECT REFERRAL

DATE: 3/26/2013

TO: _____

FROM: Murry Wilson, Development Review

PROJECT DESCRIPTION: DRC2012-00083 3S RANCH- Request for a Conditional Use Permit to amend condition of approval #2 and #21 of D020053D to allow 20 additional years of mining (unless the existing mine limits are reached prior to expiration) and to allow a portable rock crusher for up to 15 days per year. No changes to the mining boundaries are proposed. APN: 044-071-023.

Return this letter with your comments attached no later than: 14 days from receipt of this referral. CACs please respond within 60 days. Thank you.

PART 1 - IS THE ATTACHED INFORMATION ADEQUATE TO COMPLETE YOUR REVIEW?

- ❑ YES (Please go on to PART II.)
- ❑ NO (Call me ASAP to discuss what else you need. We have only 10 days in which we must obtain comments from outside agencies.)

PART II - ARE THERE SIGNIFICANT CONCERNS, PROBLEMS OR IMPACTS IN YOUR AREA OF REVIEW?

- ❑ YES (Please describe impacts, along with recommended mitigation measures to reduce the impacts to less-than-significant levels, and attach to this letter)
- ❑ NO (Please go on to PART III)

PART III - INDICATE YOUR RECOMMENDATION FOR FINAL ACTION.

Please attach any conditions of approval you recommend to be incorporated into the project's approval, or state reasons for recommending denial.

IF YOU HAVE "NO COMMENT," PLEASE SO INDICATE, OR CALL.

_____

_____

_____

Date	Name	Phone

COUNTY GOVERNMENT CENTER • SAN LUIS OBISPO • CALIFORNIA 93408 • (805)781-5600

EMAIL: planning @co.slo.ca.us • FAX: (805) 781-1242• WEBSITE: http://www.sloplanning.org

DRC2012-00083 3/S RANCH INC
CONDITIONAL USE PERMIT/
CUP TO AMMEND CONDITION OF APPROVAL #2 AND #21 OF D020053D TO SLO/ RSLO
AG GS

GENERAL APPLICATION FORM

San Luis Obispo County Department of Planning and Building

APPLICATION TYPE - CHECK ALL THAT APPLY

- ☐ Emergency Permit
- ☐ Tree Permit
- ☐ Plot Plan
- ☐ Zoning Clearance
- ☐ Site Plan
- ☐ Minor Use Permit
- ☐ Variance
- ☐ Other
- ☒ Conditional Use Permit/Development Plan
- ☐ Surface Mining/Reclamation Plan
- ☐ Curb, Gutter & Sidewalk Waiver
- ☐ Modification to approved land use permit

APPLICANT INFORMATION Check box for contact person assigned to this project

☐ Landowner Name 3/S Ranch James Spreafico Daytime Phone 543-1555
Mailing Address 7900 Orcutt Road Zip Code 93401-8341
Email Address:

☐ Applicant Name Daytime Phone
Mailing Address Zip Code
Email Address:

☐ Agent Name Daytime Phone
Mailing Address Zip Code
Email Address:

PROPERTY INFORMATION

Total Size of Site: 2.5 Acres Assessor Parcel Number(s): 044-071-023
Legal Description:
Address of the project (if known): 7900 Orcutt Road
Directions to the site (including gate codes) - describe first with name of road providing primary access to the site, then nearest roads, landmarks, etc.: Travel on Orcutt Road 2.8 miles South of Biddle Ranch Road. Site is on the Left.
Describe current uses, existing structures, and other improvements and vegetation on the property:
Existing Surface mine agricultive operations

PROPOSED PROJECT

Describe the proposed project (inc. sq. ft. of all buildings): Ammend COA #2 of D020053D and COA #21 to allow 20 additional years and allow a portable crusher for 15 days a year.

LEGAL DECLARATION

I, the owner of record of this property, have completed this form accurately and declare that all statements here are true. I do hereby grant official representatives of the county authorization to inspect the subject property.

Property owner signature Date 3/13/13

FOR STAFF USE ONLY

Reason for Land Use Permit:

LAND USE PERMIT APPLICATION

San Luis Obispo County Department of Planning and Building

File No _____

Type of project: ☐ Commercial ☐ Industrial ☐ Residential ☐ Recreational ☒ Other

Describe any modifications/adjustments from ordinance needed and the reason for the request (if applicable): _____

Describe existing and future access to the proposed project site: _____
Ag road extending from Orcutt Rd.

Surrounding parcel ownership: Do you own adjacent property? ☐ Yes ☐ No
If yes, what is the acreage of all property you own that surrounds the project site? _____

Surrounding land use: What are the uses of the land surrounding your property (when applicable, please specify all agricultural uses):
North: Ag - Grazing South: Ag - Grazing
East: Ag - Grazing West: Ag - Grazing

For all projects, answer the following:
Square footage and percentage of the total site (approximately) that will be used for the following:
Buildings: _____ sq. feet _____% Landscaping: _____ sq. feet _____ %
Paving: _____ sq. feet _____% Other (specify) _____
Total area of all paving and structures: _____ ☐ sq. feet ☐ acres
Total area of grading or removal of ground cover: _____ ☐ sq. feet ☐ acres
Number of parking spaces proposed: _____ Height of tallest structure: _____
Number of trees to be removed: _____ Type: _____
Setbacks: Front _____ Right _____ Left _____ Back _____

Proposed water source: ☒ On-site well ☐ Shared well ☐ Other _____
☐ Community System - List the agency or company responsible for provision: _____
Do you have a valid will-serve letter? ☐ Yes ☐ No (If yes, please submit copy)

Proposed sewage disposal: ☒ Individual on-site system ☐ Other _____
☐ Community System - List the agency or company responsible for sewage disposal: _____
Do you have a valid will-serve letter? ☐ Yes ☐ No (If yes, please submit copy)

Fire Agency: List the agency responsible for fire protection: CDF

For commercial/industrial projects answer the following:
Total outdoor use area: _____ ☐ sq. feet ☐ acres
Total floor area of all structures including upper stories: _____ sq. feet

For residential projects, answer the following:
Number of residential units: _____ Number of bedrooms per unit: _____
Total floor area of all structures including upper stories, but not garages and carports: _____
Total of area of the lot(s) minus building footprint and parking spaces: _____

ENVIRONMENTAL DESCRIPTION FORM

San Luis Obispo County Department of Planning and Building File No _____

The California Environmental Quality Act (CEQA) requires all state and local agencies to consider and mitigate environmental impacts for their own actions and when permitting private projects. The Act also requires that an environmental impact report (EIR) be prepared for all actions that may significantly affect the quality of the environment. The information you provide on this form will help the Department of Planning and Building determine whether or not your project will significantly affect the quality of the environment.

To ensure that your environmental review is completed as quickly as possible, please remember to:

a. Answer **ALL** of the questions as accurately and completely as possible.
b. Include any additional information or explanations where you believe it would be helpful or where required. Include additional pages if needed.
c. If you are requesting a land division or a re-zoning, be sure to include complete information about future development that may result from the proposed land division or rezoning.
d. Include references to any reports or studies you are aware of that might be relevant to the questions asked or the answers you provide.

Should a determination be made that the information is inaccurate or insufficient, you will be required to submit additional information upon request.

Physical Site Characteristic Information

Your site plan will also need to show the information requested here:

1. Describe the topography of the site:
   Level to gently rolling, 0-10% slopes: _____ acres
   Moderate slopes of 10-30%: 7 acres
   Steep slopes over 30%: _____ acres
2. Are there any springs, streams, lakes or marshes on or near the site? ☒ Yes ☐ No
   If yes, please describe: Small intermittent Stream South of Sight
3. Are there any flooding problems on the site or in the surrounding area? ☐ Yes ☒ No
   If yes, please describe: _____
4. Has a drainage plan been prepared? ☒ Yes ☐ No
   If yes, please include with application.
5. Has there been any grading or earthwork on the project site? ☒ Yes ☐ No
   If yes, please explain: previous mining
6. Has a grading plan been prepared? ☐ Yes ☒ No
   If yes, please include with application.
7. Are there any sewer ponds/waste disposal sites on/adjacent to the project? ☐ Yes ☒ No
8. Is a railroad or highway within 300 feet of your project site? ☐ Yes ☒ No
9. Can the proposed project be seen from surrounding public roads? ☐ Yes ☒ No
   If yes, please list: _____

Water Supply Information

1. What type of water supply is proposed?
   ❑ Individual well ❑ Shared well ❑ Community water system
2. What is the proposed use of the water?
   ❑ Residential ❑ Agricultural - Explain _____
   ❑ Commercial/Office - Explain _____
   ❑ Industrial – Explain _____
3. What is the expected daily water demand associated with the project? 0
4. How many service connections will be required? 0
5. Do operable water facilities exist on the site?
   ☒ Yes ❑ No If yes, please describe: for Ag operations
6. Has there been a sustained yield test on proposed or existing wells?
   ❑ Yes ☒ No If yes, please attach.
7. Does water meet the Health Agency's quality requirements? n/A

Bacteriological?	❑ Yes	❑ No
Chemical?	❑ Yes	❑ No
Physical	❑ Yes	❑ No
Water analysis report submitted?	❑ Yes	❑ No

8. Please check if any of the following have been completed on the subject property and/or submitted to County Environmental Health.
   ❑ Well Driller's Letter ❑ Water Quality Analysis ❑ OK or ❑ Problems
   ❑ Will Serve Letter ❑ Pump Test _____ Hours_____G.P.M.
   ❑ Surrounding Well Logs ❑ Hydrologic Study ❑ Other _____

Please attach any letters or documents to verify that water is available for the proposed project.

Sewage Disposal Information

n/A

If an on-site (individual) subsurface sewage disposal system will be used:

1. Has an engineered percolation test been accomplished?
   ❑ Yes ❑ No If yes, please attach a copy.
2. What is the distance from proposed leach field to any neighboring water wells? _____ feet
3. Will subsurface drainage result in the possibility of effluent reappearing in surface water or on adjacent lands, due to steep slopes, impervious soil layers or other existing conditions?
   ❑ Yes ❑ No
4. Has a piezometer test been completed?
   ❑ Yes ❑ No
5. Will a Waste Discharge Permit from the Regional Water Quality Control Board be required?
   ❑ Yes ❑ No *(a waste discharge permit is typically needed when you exceed 2,500 gallons per day)*

If a community sewage disposal system is to be used:

1. Is this project to be connected to an existing sewer line? ❑ Yes ❑ No
   Distance to nearest sewer line: _____ Location of connection: _____
2. What is the amount of proposed flow? _____ G.P.D.
3. Does the existing collection treatment and disposal system have adequate additional capacity to accept the proposed flow? ❑ Yes ❑ No

Solid Waste Information

n/A

1. What type of solid waste will be generated by the project?
   ☐ Domestic ☐ Industrial ☐ Agricultural ☐ Other, please explain? _____
2. Name of Solid Waste Disposal Company: _____
3. Where is the waste disposal storage in relation to buildings? _____
4. Does your project design include an area for collecting recyclable materials and/or composting materials? ☐ Yes ☐ No

Community Service Information

n/A

1. Name of School District: _____
2. Location of nearest police station: _____
3. Location of nearest fire station: _____
4. Location of nearest public transit stop: _____
5. Are services (grocery/other shopping) within walking distance of the project? ☐ Yes ☒ No
   If yes, what is the distance? _____ feet/miles

Historic and Archeological Information

1. Please describe the historic use of the property:
   Ag and Mining operations
2. Are you aware of the presence of any historic, cultural or archaeological materials on the project site or in the vicinity? ☐ Yes ☒ No
   If yes, please describe: _____
3. Has an archaeological surface survey been done for the project site? ☐ Yes ☒ No
   If yes, please include two copies of the report with the application.

Commercial/Industrial Project Information

Only complete this section if you are proposing a commercial or industrial project or zoning change.

1. Days of Operation: _____ Hours of Operation: _____
2. How many people will this project employ? _____
3. Will employees work in shifts? ☐ Yes ☐ No
   If yes, please identify the shift times and number of employees for each shift _____
4. Will this project produce any emissions (i.e., gasses, smoke, dust, odors, fumes, vapors)?
   ☐ Yes ☐ No If yes, please explain: _____
5. Will this project increase the noise level in the immediate vicinity? ☐ Yes ☐ No
   If yes, please explain: _____
   (If loud equipment is proposed, please submit manufacturers estimate on noise output.)
6. What type of industrial waste materials will result from the project? Explain in detail: _____
7. Will hazardous products be used or stored on-site? ☐ Yes ☒ No
   If yes, please describe in detail: _____
8. Has a traffic study been prepared? ☐ Yes ☒ No If yes, please attach a copy.

9. Please estimate the number of employees, customers and other project-related traffic trips to or from the project: Between 7:00 - 9:00 a.m. 0-100 max Between 4:00 to 6:00 p.m. 0-100 max
10. Are you proposing any special measures (carpooling, public transit, telecommuting) to reduce automobile trips by employees ☐ Yes ☐ No
    If yes, please specify what you are proposing: _____
11. Are you aware of any potentially problematic roadway conditions that may exist or result from the proposed project, such as poor sight distance at access points, connecting with the public road?
    ☐ Yes ☒ No If yes, please describe: _____

Agricultural Information

Only complete this section if your site is: 1) Within the Agricultural land use category, or 2) currently in agricultural production.

1. Is the site currently in Agricultural Preserve (Williamson Act)? ☒ Yes ☐ No
2. If yes, is the site currently under land conservation contract? ☐ Yes ☒ No
3. If your land is currently vacant or in agricultural production, are there any restrictions on the crop productivity of the land? That is, are there any reasons (i.e., poor soil, steep slopes) the land cannot support a profitable agricultural crop? Please explain in detail: _____

Special Project Information n/a

1. Describe any amenities included in the project, such as park areas, open spaces, common recreation facilities, etc.(these also need to be shown on your site plan): _____
2. Will the development occur in phases? ☐ Yes ☐ No
   If yes describe: _____
3. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? ☐ Yes ☐ No If yes, explain: _____
4. Are there any proposed or existing deed restrictions? ☐ Yes ☐ No
   If yes, please describe: _____

Energy Conservation Information n/a

1. Describe any special energy conservation measures or building materials that will be incorporated into your project *: _____

   *The county's Building Energy Efficient Structures (BEES) program can reduce your construction permit fees. Your building must exceed the California State Energy Standards (Title 24) in order to qualify for this program. If you are interested in more information, please contact the Building Services Division of the Department of Planning and Building at (805) 781-5600.

Environmental Information n/a

1. List any mitigation measures that you propose to lessen the impacts associated with your project: _____

2. Are you aware of any unique, rare or endangered species (vegetation or wildlife) associated with the project site? ☐ Yes ☐ No
   If yes, please list: _____
3. Are you aware of any previous environmental determinations for all or portions of this property?
   ☐ Yes ☐ No
   If yes, please describe and provide "ED" number(s): _____

Other Related Permits

1. List all permits, licenses or government approvals that will be required for your project (federal, state and local): _____

   (If you are unsure if additional permits are required from other agencies, please ask a member of the Planning Department staff currently assigned in either Current Planning or the Environmental Division.)

RECLAMATION PLAN APPLICATION

San Luis Obispo County Department of Planning and Building File No. _____

NOTE: Instructions for completing this form are contained in the county Department of Planning and Building publication, Reclamation Plan Guidelines. The numbers in parentheses are used in the Guidelines to show which portion of this form is being explained. If additional space is necessary to complete this application, attach additional sheets.

GENERAL INFORMATION

(1) Mine Name: 3/S Ranch (Spreafico Pit) (2) CA Mine ID# 91-40-0039

(3) Existing Land Use Permit Number: D870600M

(4) Estimated Life of Operation: 25 years (5) Date of Mine Opening: 1930's ±

(6) If public ownership (BLM or USFS), has Plan of Operations been prepared? ☐ Yes ☐ No If YES, attach evidence.

MINE INFORMATION

(7) Raw Materials Mined: Sand & gravel (8) Yield (in tons or cu. yds./year): ~~25,000~~ 50,000 yds³

(9) Type of Mine: Borrow Pit ☒ Stream Bed Skimming ☐ Quarry ☒ Underground ☐ Clay Pit ☐

Other (Specify) ☐ _____

(10) Geologic Group, Formation and Member: franciscan

(11) On-site processing? ☒ Yes ☐ No

(12) Total acreage affected by mining :

Mining: ~~2~~ 7.0+ or - Waste disposal: -

Processing: - Settling ponds: N/A

Roads: ~~[illegible]~~ Support Facilities: N/A

Stockpiles: - Total acreage in plan: ~~2.5~~ 7.0+ or -

(13) The operation is (or will be): Continuously active ☐ Intermittently active ☒ Idle ☐

Abandoned ☐ Undeveloped ☐ Other (specify) ☐ _____

(14) Total acreage affected by mining prior to January 1, 1976 and not mined after that date: 1 acre

(15) Drainage: unnamed (16) Tributary to: Pismo creek

(17) Will mining progress in separate phases? ☐ Yes ☒ No

(18) Will groundwater be encountered during mining (including any perched, regional or artesian flow)? ☐ Yes ☒ No

(19) Is soil salvage and replacement proposed? ☒ Yes ☐ No

(20) Will water be used for mining or processing? ☐ Yes ☒ No

(21) Will settling basins be used? ☐ Yes ☒ No

(22) Will water be discharged from the affected area? ☐ Yes ☒ No

If YES, has a permit been obtained from Regional Water Quality Control Board? ☐ Yes ☐ No

(23) Will the operation involve relocation, blockage or alteration of any water course or stream? ☐ Yes ☒ No

If YES, has the Department of Fish and Game been notified. ☐ Yes ☐ No

(24) Use of site prior to mining and will the use continue during mining: Agriculture/grazing - yes

(25) Proposed use following reclamation: Rangeland

(26) Total acreage included in proposed reclamation plan: ~~2.5~~ 7.0 + or -

(27) Estimated costs of reclamation for the first year of operation (attach financial assurance cost estimate worksheet). Express costs in today's dollars: 4,630

COSTS AND GUARANTEES OF RECLAMATION

(28) Proposed type(s) of guarantee of reclamation:

Performance bond ☐ Letter of Credit ☐

Certificate of deposit ☒ Other (Specify) ☐ _____

(29) Acres of affected area previously covered by guarantee of reclamation: 2.5

REQUIRED SUPPORTING DOCUMENTS

(30) Please make sure you have attached the following items to this application:

- ☐ Notarized statements/possessory interest in lands
- ☐ 7 ½ min. USGS Quadrangle
- ☐ Site Geologic map/cross sections
- ☐ Development and Mining Plan/Cross Sections
- ☐ For pit and hill side mines, drawings showing before and after contours.
- ☐ Revegetation Plan or alternate proposal
- ☐ Reclamation plan map/cross sections
- ☐ Typical soil profile
- ☐ Diagram of Mineral Processing
- ☐ Reclamation narrative
- ☐ Reclamation Plan Application Supplements (A through J)
- ☐ Financial Assurance Cost Estimate
- ☐ Other documents-list

VERIFICATION

(31) Documents prepared by: ☐ Applicant ☐ Other

(32) Telephone: _____

If Other, provide name, address, and number and type of license:

Mailing Address _____ License Number: _____

(33) Print or type name to be signed on line below

I, James Spreafico state under penalty of perjury that I (am the applicant) (am an officer or official of the applicant). That the documents, and statements submitted as part of this application are true and correct to the best of my knowledge and belief, and that I hereby accept the responsibility for reclaiming the mined lands described herein in the manner described herein and attached, forming the reclamation plan for the 3-S Ranch, Inc (mine or project)

Affidavit:

State of California)
County of) SS

Signature

I, Lynn A. Dotter a Notary Public in and for the State of California, do hereby certify that on the 19th day of August, 2002 before me personally appeared James Spreafico and subscribed and swore this instrument. Witness my hand and seal this 19th day of August, 2002

Notary Public
Title

Signed in the County of:
San Luis Obispo, CA

LYNN A. DOTTER
Commission # 1304166
Notary Public - California
San Luis Obispo County
My Comm. Expires May 11, 2005

INSTRUCTIONS:

1. There must be signed by an individual on his or her own behave or a company officer (title of officer must be provided) for an incorporated company accepting responsibility. Any signature for a partnership or trust must be accompanied by proof of authorization to sign on behave of the partnership or trust.

2. A Notary Public must witness the signature.

RECLAMATION PLAN APPLICATION SUPPLEMENTS

San Luis Obispo County Department of Planning and Building File No. _____

SUPPLEMENT A: OWNERS, OPERATOR & AGENT

(A-1) Operator Name James Spreafico Daytime Phone: 543-1555

Mailing Address 7900 Orcutt Rd Zip: 93401

Agent of Process Name N/A (person designated by operator as his agent for the service of process) Daytime Phone: _____

Mailing Address _____ Zip: _____

(A-2) List names, titles and addresses of all partners in the case of a partnership or all officers in the case of a corporation

Name _____ Title: _____

Mailing Address _____ Zip: _____

Name _____ Title: _____

Mailing Address _____ Zip: _____

Name _____ Title: _____

Mailing Address _____ Zip: _____

(A-3) List all names under which the applicant has previously operated mines in the County of San Luis Obispo _____

(A-4) Names and addresses of all owners of surface rights

Name James Spreafico

Mailing Address see above Zip: _____

Name _____

Mailing Address _____ Zip: _____

(A-5) Names and addresses of all owners of mineral rights

Name James Spreafico

Mailing Address see above Zip: _____

Name _____

Mailing Address _____ Zip: _____

(A-6) Name and address of lessee

Name N/A

Mailing Address _____ Zip: _____

(A-7) Provide evidence that all owners of a possessory interest in the land have been notified of the proposed mining use(s) or potential use(s). (Attach copy(ies) of notarized statement(s) of acknowledgment.)

SUPPLEMENT B: CONSENT OF LANDOWNER FOR INSPECTIONS & RECLAMATION

We the undersigned, the owners of land located at _____

_____

Assessor's Parcel Number(s) _____, upon which

_____ is to conduct a mining operation, and for which application
(Name of Operator)

for approval of a Reclamation Plan is being made, and of which application this consent is a part, do hereby irrevocably grant to the operator, the State of California, County of San Luis Obispo or any of its authorized agents, the right to enter upon the land affected by the operator for annual Surface Mining and Reclamation Act (SMARA) inspections and for the purpose of backfilling, planting and reclamation, or for inspection and evaluation as to the satisfactory completion of such measures in accordance with the provisions of the Surface Mining and Reclamation Act of 1975 and San Luis Obispo County Code, Section 22.08.180 or Section 23.08.180, as amended.

_____ _____, 19____
(Signature of Landowner) (Date)

Affidavit:
State of California)
County of) SS

I, _____ a Notary Public in and for the State of California, do hereby certify that on the _____ day of _____, 19____, before me personally appeared _____ and subscribed and swore this instrument. Witness my hand and seal this _____ day of _____, 19_____.

_____
Title

Signed in the County of:

_____

INSTRUCTIONS:

1. If the land is owned by one or more persons, all owners must sign.
2. File one (1) copy for each landowner.
3. If owned by an estate, authority for signing must be established.
4. A Notary Public must witness the signature.

SUPPLEMENT C: MINE LOCATION AND ACCESS

(C-1) The mining site is located on the Arroyo Grande, NE United States Geographic Survey (USGS) 7 ½ minute quadrangle. Attach copy of appropriate quadrangle with the mining site and the parcel(s) on which the site is located accurately plotted.

(C-2) Longitude and Latitude: _____

(C-3) Describe the access route to the mining site and indicate the number of truck trips per day, week, months or year.

Access Route: Ag road from Orcutt

Truck trips per day: 100± Truck trips per week: _____

Truck trips per month: _____ Truck trips per year: ~~2500~~ 5000

SUPPLEMENT D: GEOLOGY, SOILS, HYDROLOGY & ENVIRONMENT

(D-1) Mineral or product (to be) mined "redrock" gravel for roadbase/fill

(D-2) Brief description of the regional geologic setting

Franciscan Formation - melange

(D-3) Detailed geologic description of mineral deposit (to be) mined Melange of greywacke, pervasively sheared greenish-black claystone. Includes exotic fragments of conglomerate, blueschist, schist, metavolcanics, white, red or green chert, serpentine

(D-4) Using the mine site map or aerial photograph as a base, prepare a detailed geologic site map with two or more intersecting geologic stratigraphic cross sections (one perpendicular to the average site), to show the following information within the current and designated future mining and overburden disposal areas.

a. The known surface and sub-surface extent and thickness of the mineral deposit to be mined.
b. Extent and thickness of overburden (or waste rock).
c. Detailed description of basic soil types to be encountered on the mining site.
d.* Geologic formations.
e.* Detailed description of all rock types to be encountered on the mine site.
f.* Description (with strike and dip measurements) of bedrock within 200 feet of mining or proposed mining area(s).
g. Faults with location and relative movement.
h.* Additional field measurements sufficient to determine the basic rock structure and fabric.
i.* Orientation of the principle rock structure and fabric.
j.* Delineation of any rock units that can be easily weathered.
k. Delineation on the cross sections of the elevation of the average and seasonal high ground table(s).
l. Any other geologic information necessary to describe the mineral deposit and the geologic engineering basis for the proposed mining and reclamation plans.

*For hard rock operations only

(D-4) Has exploratory or development drilling been used on the mining site? ☐ Yes ☐ No

If YES, show the location, by number, of all test holes on the "geologic site map" attached to the application. Also, for each test hole, show in feet and decimals the thickness and rock unit for each stratum overlying the mineralized zones or economic mineral deposit if the zone is discontinuous, also describe the intervening strata. Attach the report that includes the technical data for each hole that includes a table showing unit and thickness and the amount of overburden and commercial mineral deposit.

(D-6) Attach a description of the typical soil profile(s) (from ground surface to a minimum depth of ten feet) encountered on the site. If more than one profile, show extent of each on an aerial photograph overlay.

(D-7) What is the direction of groundwater flow in the area affected by the mining or processing operations? Unknown

(D-8) Describe the environmental setting of the mining site using the Environmental Description Form.

SUPPLEMENT E: MINERAL PROCESSING & WASTE DISPOSAL

(E-1) Attach a diagrammatic sketch of the entire mineral processing system.

(E-2) Indicate if there will be any waste material result from the processing operations and how much volume. ☐ Yes ☒ No

If YES, how will this material be disposed of? _____

(E-3) FOR WET PROCESSING OPERATIONS: N/A

a. Estimate quantity (gallons per day) and quality of water required by the (proposed) processing operation, specifying (proposed) sources of this water, methods of its conveyance to the property, and the quantity and method of disposal and used and/or surplus water.

b. Submit a diagrammatic flow chart of the process water handling system and attach a narrative explanation of the system.

c. Type of collection basins used: Concrete ☐ Wood ☐ Steel ☐ Earthen ☐

Size of basins: _____ Attach calculations for basin sizing (storm interval/intensity)

d. For earthen basins only, explain how the bottom and sides will be made impervious and the slopes stabilized to prevent erosion.

e. Will sludge be removed from the settling basins? ☐ Yes ☐ No

If YES, describe the method and frequency of sludge removal and disposal. _____

f. Is there is any discharge from the process water system? ☐ Yes ☐ No

If YES, submit a Regional Water Quality Control Board approval for the project

SUPPLEMENT F: DEVELOPMENT OF THE MINE

(F-1) Using the mine site map or aerial photograph as a base, provide a detailed mine development plan map and cross sections clearly detailing the following:

a. The accurate perimeter and total acreage of the area covered by this Reclamation Plan Application.

b. The perimeter and acreage(s) of each area designated for current or future (specify) mining, processing, stockpiling, overburden disposal or storage, waste disposal, settling ponds, water storage, and/or any other use relevant to the operation.

c. The directions in which mining will progress, the anticipated height of any rock or soil faces or cuts and the anticipated depth of mine excavation and development. Reference benchmarks used to determine depth of excavation.

d. Depiction of separate mining phases, if applicable. These phases should be integrated with concurrent or phased reclamation as described in Supplement "J".

e. Indicate location of reference benchmarks used to determine depth of excavation.

f. Any other information relevant to an understanding of Applicant's mining plans.

(F-2) Describe the development of the mining operation, including timetable for phasing and concurrent reclamation as detailed in Supplement "J".

Mining will proceed to the ~~south~~ north and west, with benches formed as mining proceeds. Topsoil/overburden will be stripped as encountered and ~~sto~~ stored onsite. Revegetation will not occur until mining is complete.

(If additional space is necessary, attach additional sheets.)

(F-3) Describe the method of mining.

Material is ripped loose, screened, and loaded on trucks, or stockpiled for future use. Blasting is required for some of the material as needed. (approx. 3-5 times per year)

(If additional space is necessary, attach additional sheets.)

(F-4) Describe method of soil salvage and storage for future mine reclamation. Show location(s) on plan map and identify in field. Indicate volume and describe how soil stockpile(s) will be protected from erosion.

Topsoil will be removed and salvaged as encountered. Soil will be placed on site in a designated area, and re-seeded, as necessary, to prevent erosion.

Topsoil is minimal in the immediate site: less than 100 yards available.

(If additional space is necessary, attach additional sheets.)

(F-5) Describe method of removing, handling and storing topsoil.

Topsoil will be moved and piled by bulldozer. It will be stored on site and untouched (except possible seeding), until reclamation commences.

(If additional space is necessary, attach additional sheets.)

(F-6) What will be done with non-usable material (impure, oversize, etc.) encountered during mining? If it is permanently placed, indicate what the compaction will be (in percent) and how it will it be obtained.

Any non-usable material will be crushed and compacted on site with bulldozers and a sheepsfoot roller if necessary.

(If additional space is necessary, attach additional sheets.)

SUPPLEMENT G: STREAMS

(G-1) Will this operation involve the relocation, blockage, and/or alteration of any watercourse or stream? ☐ Yes ☒ No

If YES, what is the drainage area of the watershed above the operation? _____

(G-2) If YES to (G-1)

a. Have you obtained a streambed alteration agreement from the California Department of Fish and Game ? ☐ Yes ☒ No

If YES, Agreement # _____ and Expiration Date _____ (Attach a copy)

b. Have you contacted the Regional Water Quality Control Board and Army Corps of Engineers regarding their requirements?

☐ Yes ☒ No If YES, attach evidence of approvals obtained

(G-3) Will any mining and/or the placing of spoil be:

a. Within 10 feet of any watercourse or stream? ☐ Yes ☒ No

b. 100 Year Floodplain? ☐ Yes ☒ No

If YES, what measures will be taken to prevent this material from entering the stream or watercourse by erosion, siltation, or sliding?

(G-4) Have provisions been made to prevent the possible redirection of any stream into the operation? ☐ Yes ☒ No

If YES, what are they and if structures have been placed, are they engineered? Site is above an the watercourse

(G-5). If the stream supports sensitive species or resource (ex. Red legged frog, indigenous fishery), what steps will be taken to protect these species? N/A

(If additional space is necessary, attach additional sheets.)

SUPPLEMENT H: WATER, EROSION & SEDIMENTATION CONTROL

(H-1) SURFACE WATER

a. How will surface water be handled in order to prevent its entrance into the actual excavation/mining area? Runoff above the site is contained in a stockpond above mine site & drains to stream below

b. If there is off-site discharge, has a plan been prepared for the Regional Water Quality Control Board and their approval obtained?
☐ Yes ☒ No If YES, attach evidence of the approval.

(H-2) GROUNDWATER

a. What is the highest groundwater elevation in this area? unknown Date: 8/14/02

b. What is the direction of groundwater movement in the affected area? unknown

c. In consolidated material, what are the orientations of the major fractures or joints sets? ~~unconsolid~~ pervasive sheared, little to no consistent orientation

d. Will groundwater be encountered during the course of mining (including any perched, regional or artesian flow)? ☐ Yes ☒ No
If YES, how will this water be handled? _____

e. Will the method explained in d. (above) result in discharge from the operation? ☐ Yes ☐ No
If YES, attach evidence of a Regional Water Quality Control Board approval.

(H-3) DATA TO BE SUBMITTED FOR SETTLING BASINS See Drainage Plan

a. Surface Water Erosion Control

1. Maximum total surface area to be drained by the basin(s) _____ acres.
2. Maximum disturbed area to be drained by the basin(s) _____ acres.
3. Minimum retention time _____ hours.
4. Basin sizing based on: storm? ☐ interval? ☐ intensity? ☐
5. Discharge Point protected from erosion? ☐ Yes ☐ No
   If YES, attach figure showing basin and related facilities design including erosion protected discharge point.
6. Attach calculations verifying at least adequate capacity for a 1 hour/20 year storm event.
7. Has the Regional Water Quality Control Board approved the surface water erosion control plans? ☐ Yes ☐ No
   If YES, attach evidence of approval.

b. Quarry Dewatering

1. The maximum anticipated discharge is _____ GPM; _____ MGD.
2. Minimum retention time in the pit sump or settling basin(s) _____ hours.
3. Will the method outlined in (H-2d. above) result in a discharge from the operation? ☐ Yes ☐ No
   If YES, show location of collection basins for settling and neutralization on the mining plan. Also, attach evidence of a Regional Water Quality Control Board and Army Corps of Engineer's approval.

c. Sludge

1. Will sludge be removed from the settling basins? ☐ Yes ☐ No

   If YES, describe the method and frequency of sludge removal and disposal. If there is a potential for hazardous material to be located in the basins it must be tested by a state certified laboratory and appropriate treatment established. (Locate disposal site(s) on the Mine Development Plan). _____

2. If sludge is not to be removed, describe method to be used to reclaim settling basins after reaching their design capacity. _____

3. Attach both cross-section and plan views of the proposed settling basin(s) (or pit sump) and specify the length, width, depth, slope ratios and sludge storage capacity.

SUPPLEMENT I: PUBLIC & PRIVATE WATER SUPPLY INFORMATION

(I-1) List all public water supplies within three (3) miles of the closest discharge point of the proposed mining operation. Key and locate each public source on the USGS quadrangle.

KEY	NAME	ADDRESS	TYPE OF SUPPLY
	Terminal Reservoir	Lopez Water Treatment Plant	Public

(I-2) List all private sources of water supply on and within 1,000 feet of the mining area. Key and locate each source on the USGS quadrangle or mine development plan map. None

KEY	NAME	ADDRESS	TYPE OF SUPPLY

SUPPLEMENT J: MINE RECLAMATION PROPOSAL

RECLAMATION PLAN MAP INSTRUCTIONS

(J-1) Using the mine site map or aerial photograph as a base, provide a detailed reclamation plan map and cross sections to show the following:

a. The areas covered by the plan.
b. Mining and reclamation phase boundaries.
c. Location of all drainage features, including ditches, ponds, berms, dikes, stream diversions, and natural drainages.
d. Indicate the finished grade and profiles after reclamation.
e. Areas to be revegetated, mulched, resoiled, decompacted or fertilized.
f. All other pertinent reclamation information that is discussed in J-2 and can be shown graphically.

RECLAMATION NARRATIVE INSTRUCTIONS:

(J-2) Attach a "reclamation narrative" describing the proposed methods of reclamation, their phasing and timing, to be used in bringing the reclamation of the affected area to its end state. Also, describe how reclamation will be integrated with the mining plan (Supplement "F"). Include in the discussion those of the following topics which are applicable to the particular mine being reclaimed:

a. Backfilling, grading, and slope treatments.
b. Stabilization of all slopes. Include mined area, permanent waste dumps, tailings, settling ponds, etc. (Provide geotechnical stability analysis if final slope approaches the critical gradient.)
c. Removal, disposal, or utilization of residual equipment, structures, refuse, etc.
d. Control of contaminants, (if applicable) especially with regard to surface runoff and groundwater.
e. Removal or minimization of residual hazards.
f. Treatment of streambeds and streambanks to control erosion and sedimentation.
g. Rehabilitation of pre-mining drainage.
h. Resoiling, revegetation with evidence that proposed (and specified) plants can survive given the site topography, soil and climate, and given the time of year for revegetation. List species to be planted.
i. Indicate surface preparation, plant installation and seed application rate and method.
j. Provide revegetation performance standards if native species will be used. If reclamation is to agricultural use, provide anticipated yields, crops, etc. (See CCR Section 3707 State mining & Geology Board Reclamation Regulations)
k. All other aspects of the proposed reclamation plan.

(J-3) If this plan does not provide for revegetation on all or part of the area, describe in detail alternate procedures proposed to prevent soil erosion and/or siltation.

(J-4) Prepare a detailed cost estimate, based on the financial assurance guidelines adopted by the state mining and geology board in today's dollars, for the first year of disturbance and removal of equipment and stockpiles. (The financial assurance cost estimate worksheet developed by the office of mine reclamation can be used.)

See FAE form

(J-5) Describe the ultimate physical conditions of the site and specify proposed use(s) and potential use(s) of the mined lands as reclaimed.

Rangeland

(J-6) Describe how reclamation of this site, in this manner, may affect future mining at this site and in the surrounding area.

No effect. Mining could resume after closure.

Revised 7/9/99

Reclamation Narrative (J-2) - Spreafico Pit (3/S Ranch)

a. Existing mine slopes/ benches will be reduced as mining progresses, eventually reaching a 3:1 slope for the entire site. Benches will be flattened. No benches will remain when reclamation is complete.

b. Slopes of 3:1 in this material will not require stabilization.

c. All equipment other than that also used for agricultural purposes will be removed after mine closure.

d. Site will be reseeded to prevent erosion.

e. N/A

f. N/A

g. Runoff generally does not leave site. Water percolates or evaporates before it can leave the site. Area will be reseeded to prevent erosion, and natural drainage conditions will develop over time.

h. Salvaged topsoil will be spread on the site upon mine closure. Seeding with the "SLO Burn Mix" will occur prior to the rainy season. This mix is similar to exisitng vegetation utilized on the surrounding property, and is appropriate for grazing/rangeland.

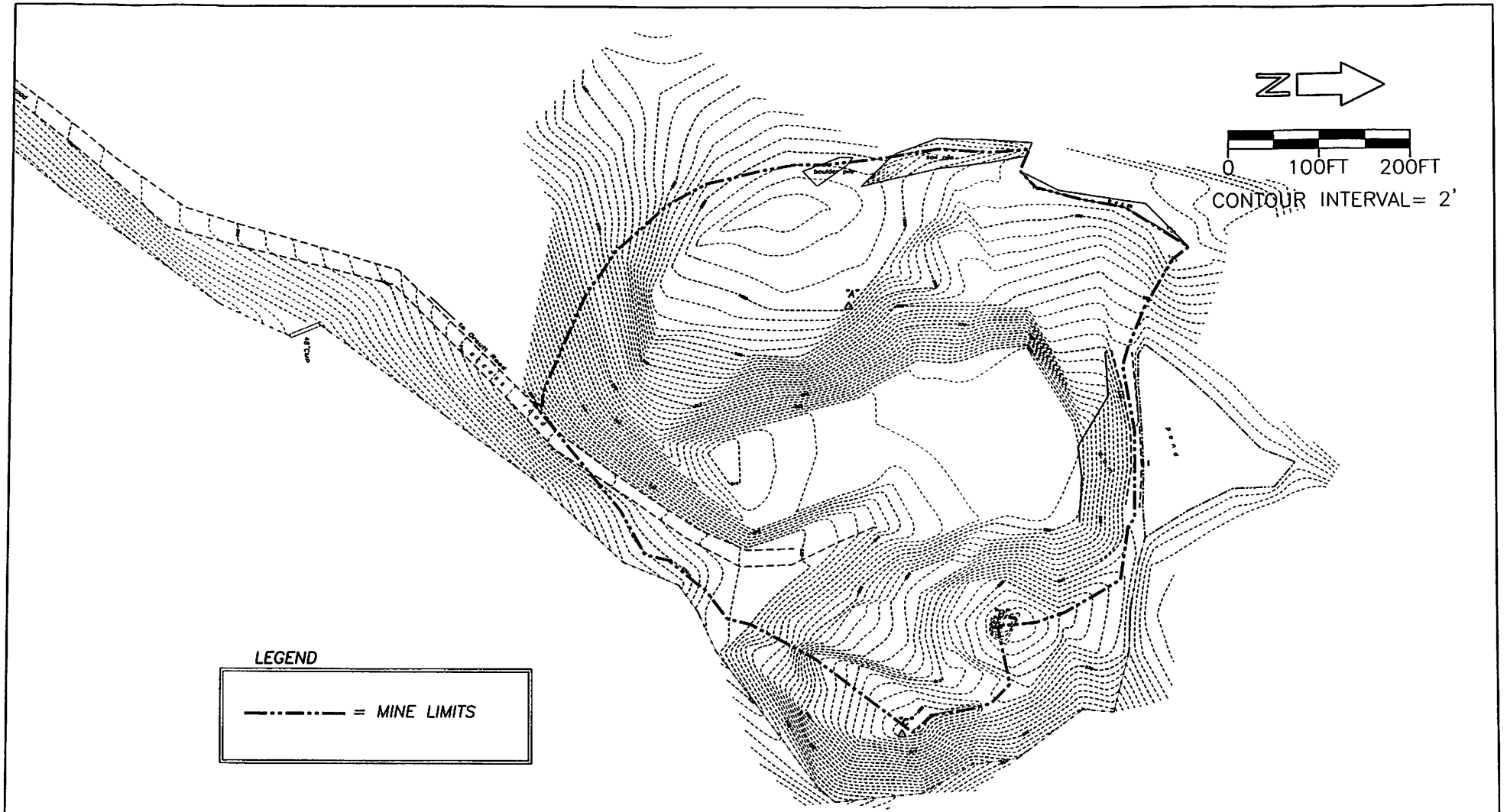
i. Topsoil will be spread over disturbed areas with a D-8 dozer. Seed will be spread at a rate of 20 lbs. Per acre and will be planted (punched) with a seed drill.

j. With the combination of seeding just prior to the rainy season, and effect of natural vegetation returning, the site should achieve enough growth to prevent erosion in the first year, and cattle will return by year three.

In renewing the use permit for the 3/S ranch one item that would greatly improve the site is the ability to crush some of the overburden rock left over from making the current red rock material. This would not only benefit the reclamation process, It would also give the county of SLO a source for sized gravel to use on county maintained roads, which is something they have shown great interest in.

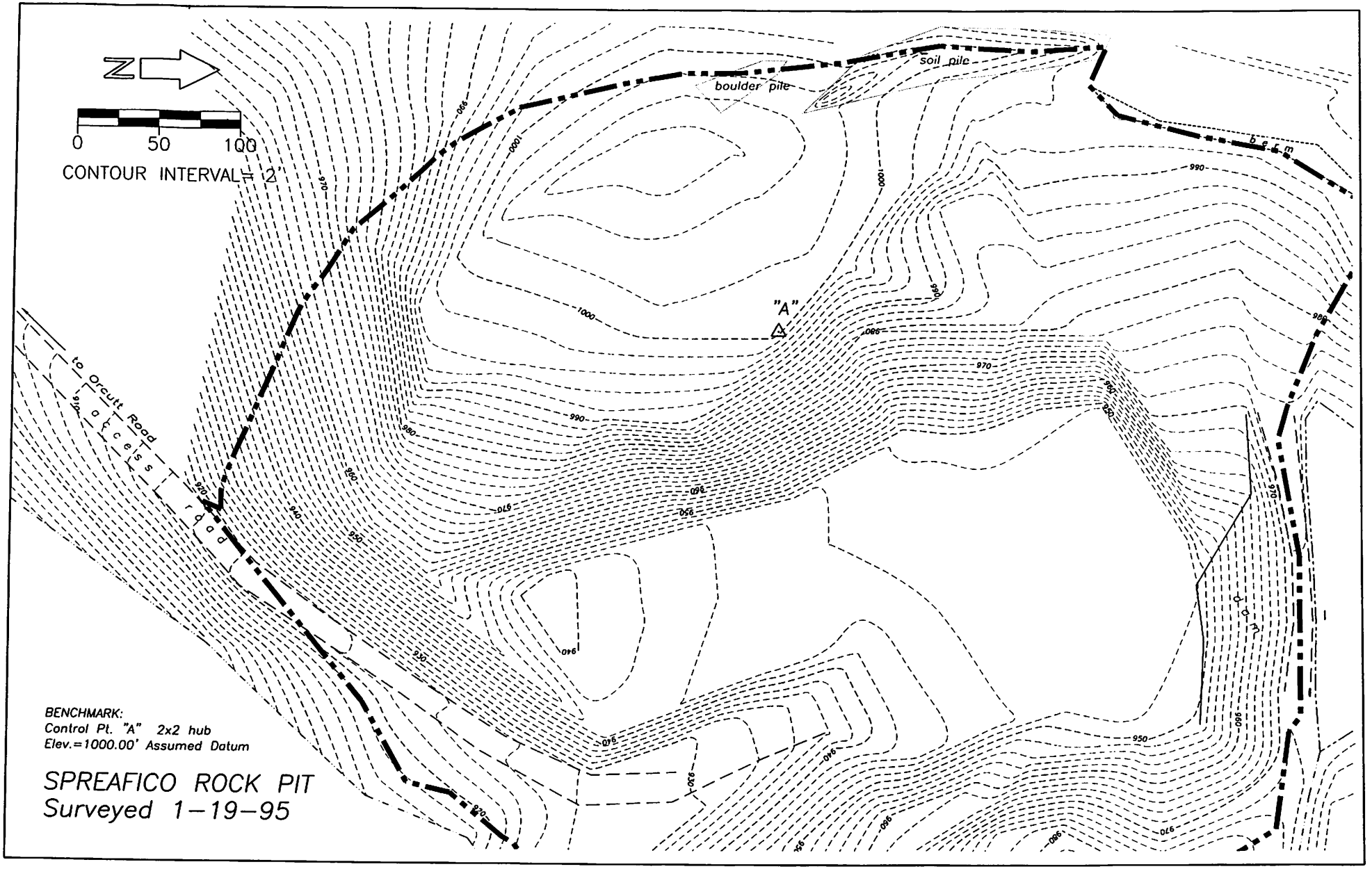
This process would be limited to only portable lower profile crushing Equipment (no permanent structures), and would only be necessary for a very few days annually.

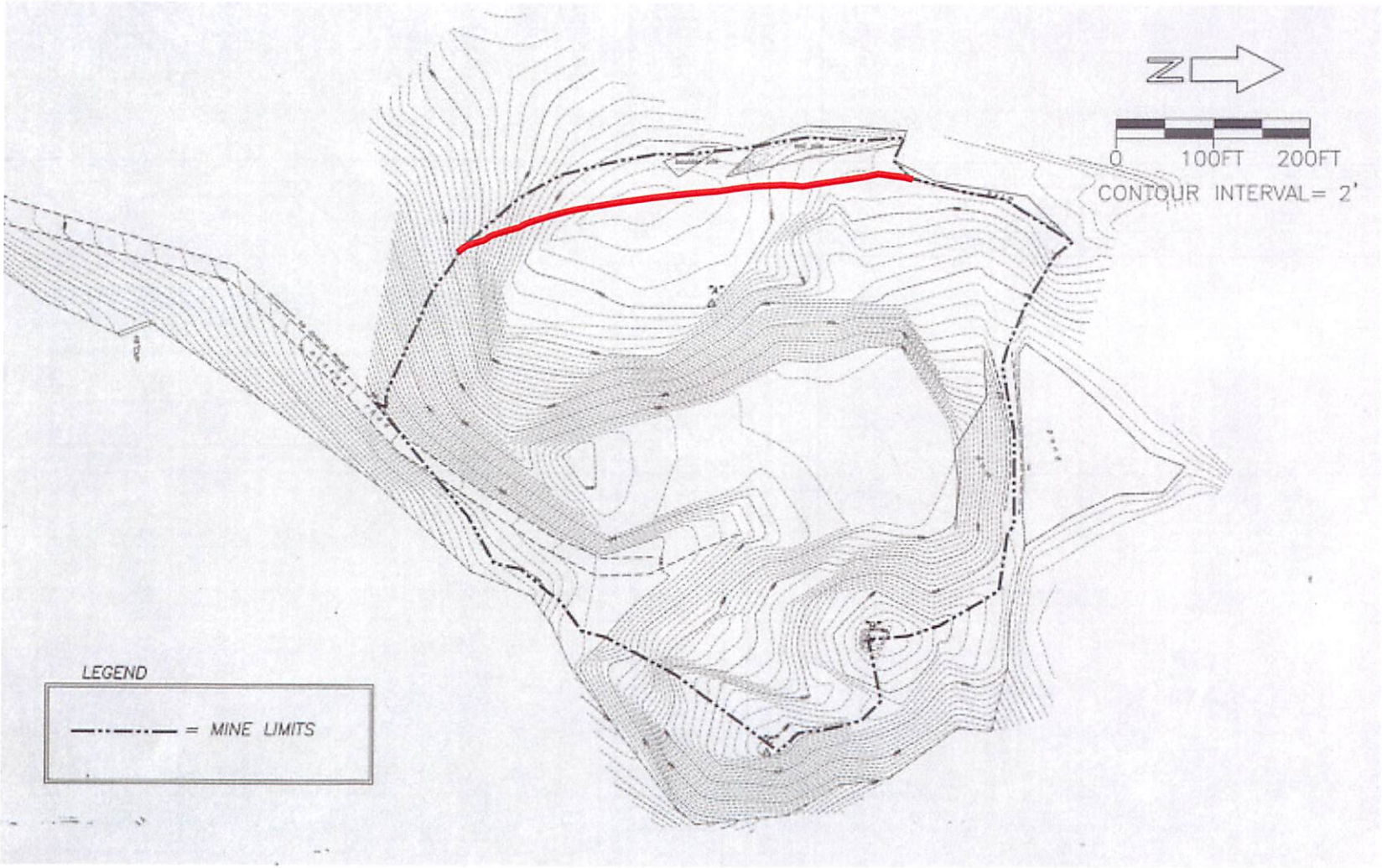
This would only require a small change to COA # 21 on the current permit to allow a portable crusher/screen for a period of 15 working days or less annually. This process would cut down on handling of the current product therefore lowering the total carbon footprint and total emission on the site.

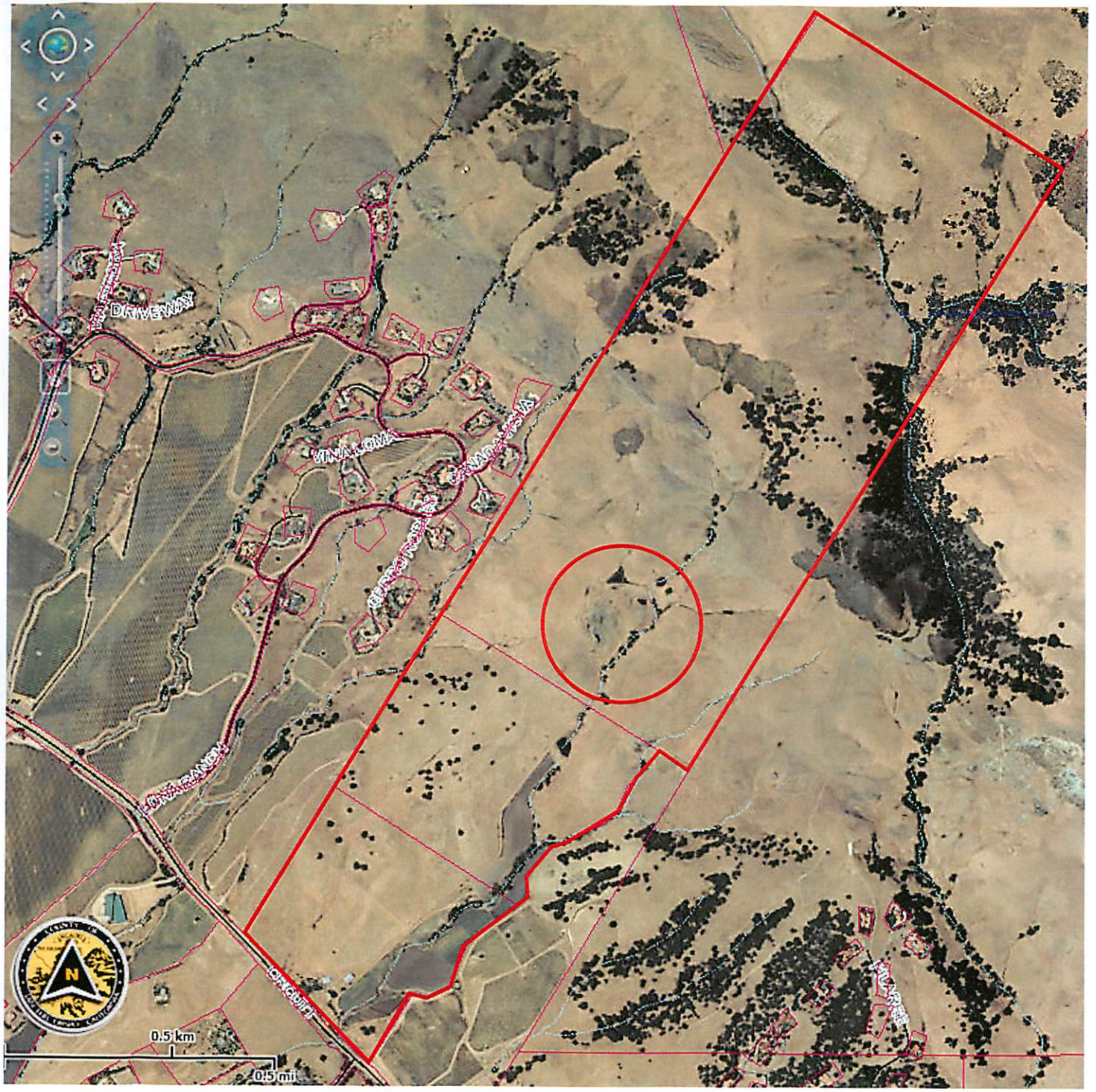


BENCHMARK:
Control Pt. "A" 2x2 hub
Elev.=1000.00' Assumed Datum

SPREAFICO ROCK PIT	
SITE PLAN	
SAN LUIS OBISPO COUNTY PUBLIC WORKS DEPT.	W.O. No. P12B501


N
0
50
100
CONTOUR INTERVAL = 2'
boulder pile
soil pile
berm
"A"
to Orcutt Road
access road
BENCHMARK:
Control Pt. "A" 2x2 hub
Elev.=1000.00' Assumed Datum
SPREAFICO ROCK PIT
Surveyed 1-19-95


N
0
100FT
200FT
CONTOUR INTERVAL= 2'
LEGEND
= MINE LIMITS

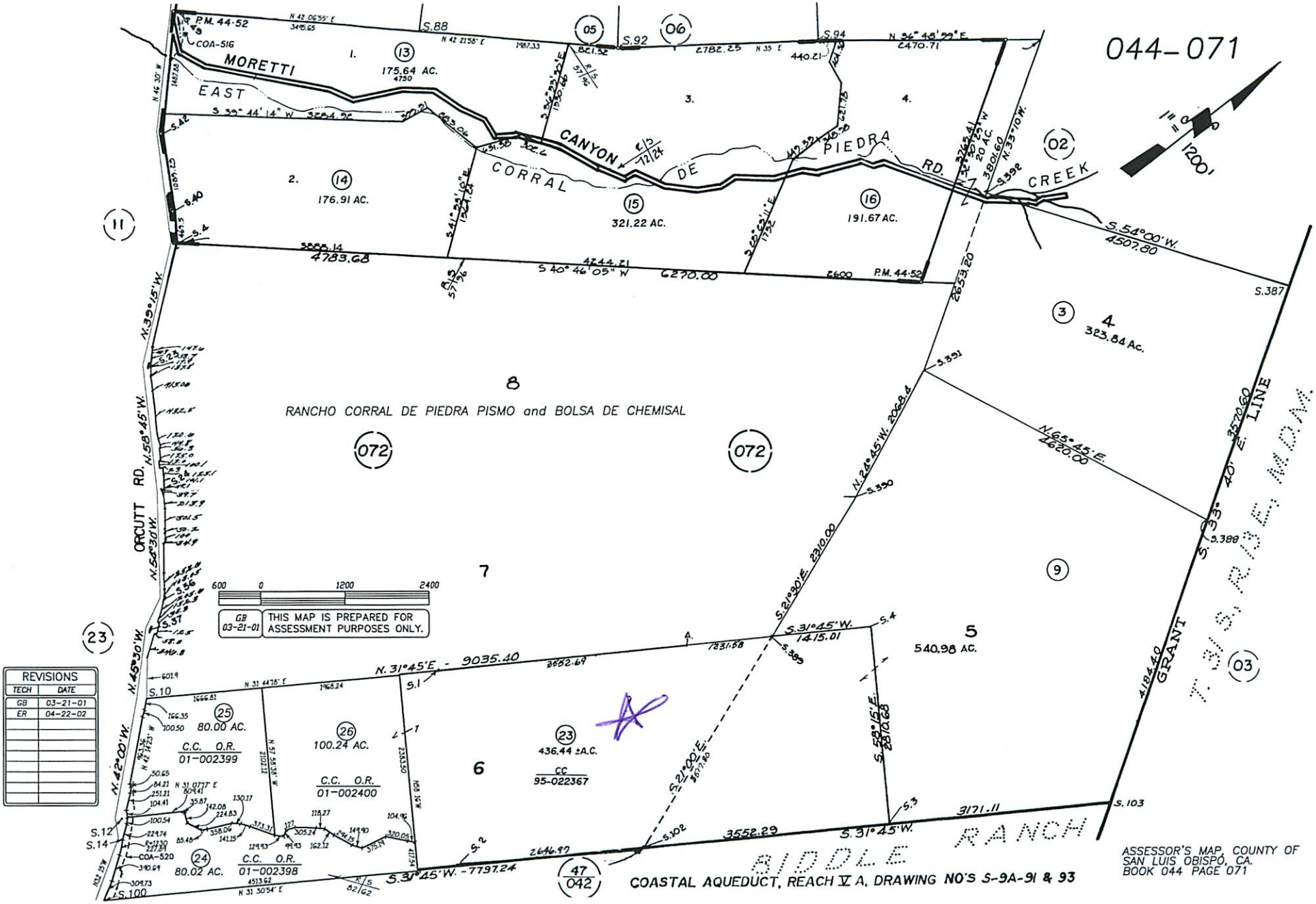


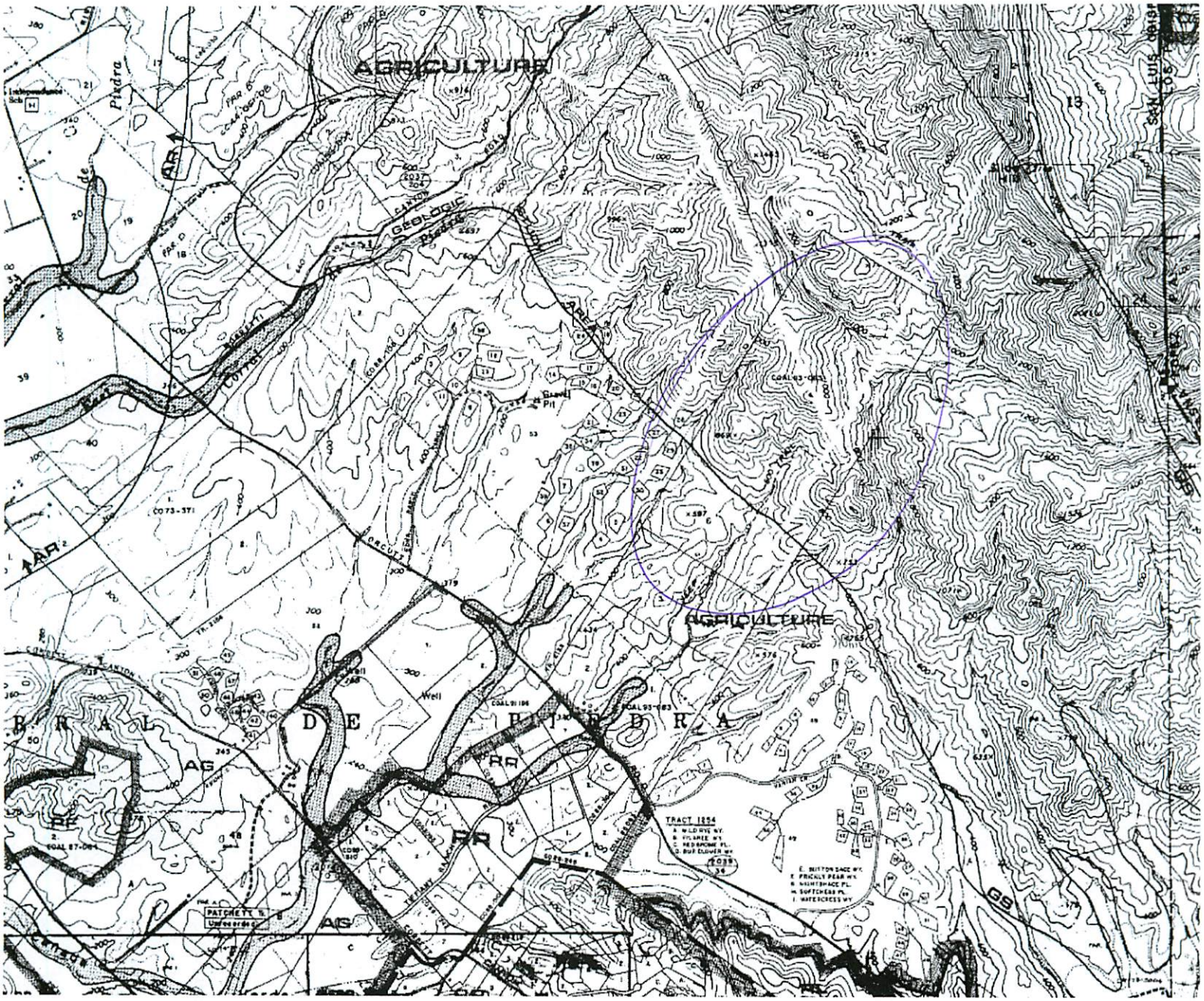
Overall Site Map

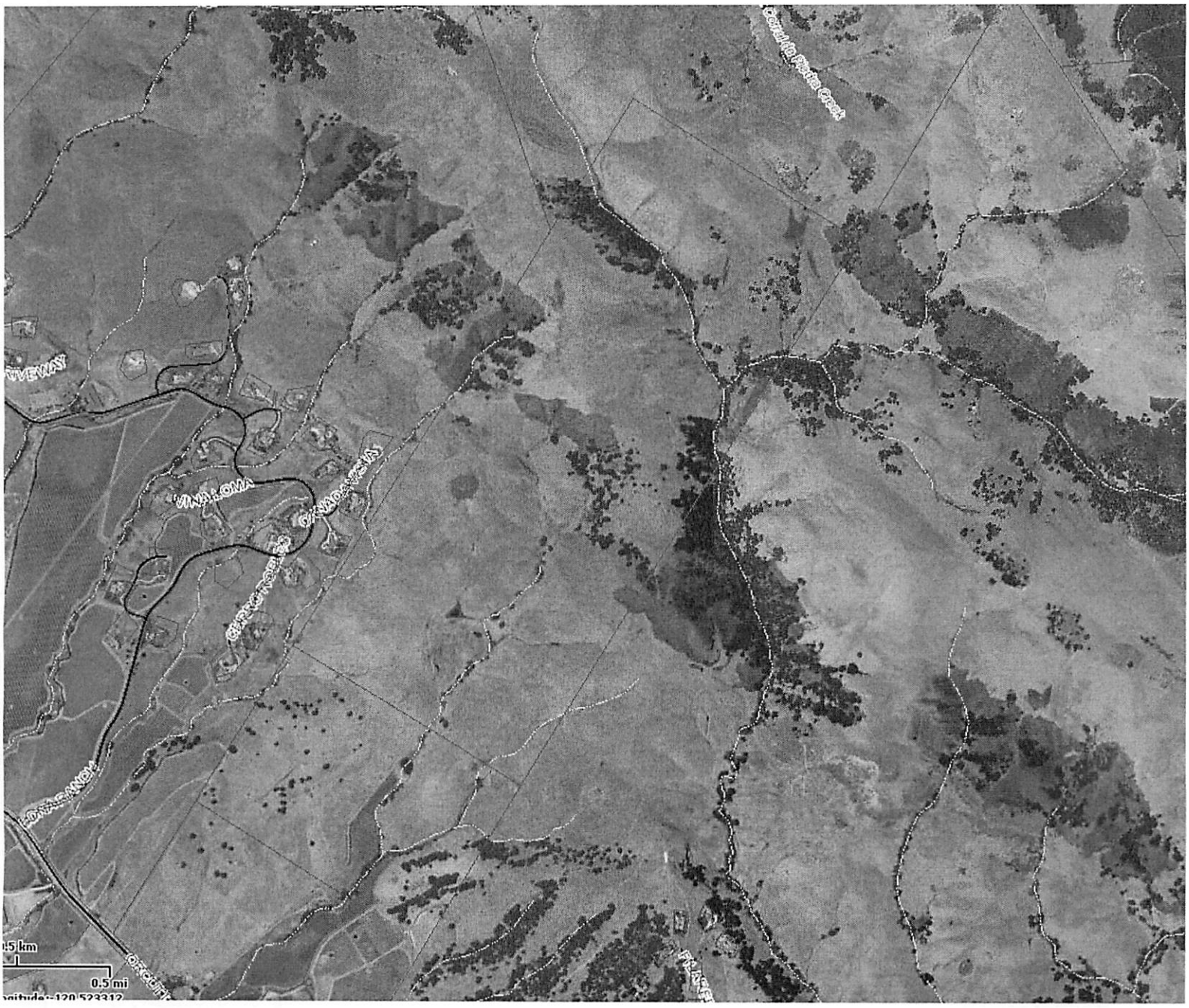
Area of mining associated with 91-40-0039 (D020053D)

Aerial Photo – Summer 2011 Extents of Mining

Aerial Photo – Summer 2011 Contours and Extents of Mining


044-071
MORETTI
EAST
CANYON
CORRAL
DE
PIEDRA
RD.
CREEK
175.64 AC.
176.91 AC.
321.22 AC.
191.67 AC.
323.84 Ac.
540.98 AC.
80.00 AC.
100.24 AC.
80.02 AC.
436.44 ±A.C.
RANCHO CORRAL DE PIEDRA PISMO and BOLSA DE CHEMISAL
ORCUTT RD.
GRANT LINE
T. 31 S. R. 13 E. M.D.M.
BIDDLE RANCH
C.C. O.R. 01-002399
C.C. O.R. 01-002400
C.C. O.R. 01-002398
CC 95-022367
GB 03-21-01
THIS MAP IS PREPARED FOR ASSESSMENT PURPOSES ONLY.
REVISIONS
TECH DATE
GB 03-21-01
ER 04-22-02
COASTAL AQUEDUCT, REACH V A, DRAWING NO'S S-9A-91 & 93
ASSESSOR'S MAP, COUNTY OF SAN LUIS OBISPO, CA.
BOOK 044 PAGE 071


AGRICULTURE
AGRICULTURE
GEOLOGIC
Piedra
Gravel Pit
Well
TRACT 1254
PATCHETT
Unrecorded
AR
AG
RR
GS
SAN LUIS OBISPO



Corvallis Platte Creek
VINALOMA
0.5 mi

Parcel Summary Report For Parcel # 044-071-023

3/26/2013
4:28:47PM

San Luis Obispo County Department of Planning and Building
County Government Center San Luis Obispo, California 93408 Telephone: (805) 781-5600

People Information

Role	Name and Address
OWN	3/S RANCH INC 7900 ORCUTT RD SLO CA 93401-8341

Address Information

Status	Address
	00000 ORCUTT RD RSLO
P	07900 ORCUTT RD

Lot Information:

Tract / Twnshp	Block / Range	Section	Community:	Plan/Area:	Lue 1:	Lue 2:	Lue 3:	Lot:	Flags:	Misc
COAL93-	083	0004	San Luis Obisp	San Luis Obis	AG	GS		Y		

Parcel Information

Status	Description
Active	RHO COR DE P PTN LT 6 & P TN LT 5

Notes

Tax Districts

SAN LUIS COASTAL UNIFIED SCHOOL
SAN LUIS OBISPO JT(27,40) COMM. COLLEGE
SAN LUIS PORT & HARBOR
NO. 04 ROAD-CO/SUPVR
AREA NO. 21 COUNTY SERVICE

Case Information

Case Number: **Case Status:**

Parcel Summary Report For Parcel # 044-071-023

San Luis Obispo County Department of Planning and Building
County Government Center San Luis Obispo, California 93408 Telephone: (805) 781-5600

D020053D ISP Primary Parcel

Description:

SURFACE MINING (SEE D870600)

D870456M WIT Primary Parcel

Description:

RECLAM PLAN FOR COUNTY USE MINE PIT

DRC2012-00083 REC Primary Parcel

Description:

CUP TO AMMEND CONDITION OF APPROVAL #2 AND #21 OF D020053D TO ALLOW ADDITIONAL 20 YEARS AND ALLOW PORTABLE CRUSHER FOR 15 DAYS A YEAR. NO CHANGE TO MINING BOUNDARIES REQUESTED.

S910013C RDD Primary Parcel

Description:

PROPOSED 4 CERTIFICATES OF COMPLIANCE

S930023L CMP Primary Parcel

Description:

LOT LINE ADJUSTMENT OF 4 PARCELS