SAN LUIS OBISPO COUNTY

DEPARTMENT OF PLANNING AND BUILDING

THIS IS A NEW PROJECT REFERRAL

DATE: 5/12/2011

TO: _____

FROM: Paul Sittig, Coastal Team

PROJECT DESCRIPTION: DRC2010-00068 STATE PARKS/ ODSVRA- Minor Use Permit for state parks pilot projects. APN: 075-116-051.

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

DRC2010-00068 **STATE PARKS**

MINOR USE PERMIT

STATE PARKS PILOT PROJECTS.

GENERAL APPLICATION FORM

San Luis Obispo County Department of Planning and Buildin

SC/ RSC

LCP REC SRA TH

APPLICATION TYPE - CHECK ALL THAT APPLY

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

APPLICANT INFORMATION Check box for contact person assigned to this project

☐ Landowner Name California Department of Parks and Recreation Daytime Phone 805-773-7170
Mailing Address 340 James Way, Suite 270 Pismo Beach Zip Code 93449
Email Address: _____

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

☐ Agent Name Ronnie Glick, Senior Environmental Scientist Daytime Phone 805-773-7180
Mailing Address Same Zip Code _____
Email Address: _____

PROPERTY INFORMATION

Total Size of Site: 5,000 Acres Assessor Parcel Number(s): See Attached
Legal Description: Oceano Dunes State Vehicular Recreation Area
Address of the project (if known): _____
Directions to the site (including gate codes) - describe first with name of road providing primary access to the site, then nearest roads, landmarks, etc.: _____

Describe current uses, existing structures, and other improvements and vegetation on the property:
Off Highway Vehicle Park

PROPOSED PROJECT

Describe the proposed project (inc. sq. ft. of all buildings): See attached

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 Andrew Silva Date 4/25/11

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): N/A

Describe existing and future access to the proposed project site: Property is open to the public

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? ± 5,000 acres

Surrounding land use: What are the uses of the land surrounding your property (when applicable, please specify all agricultural uses):
North: State Park, Private RV park, Residential South: Fish + Wildlife Refuge
East: Private land, agriculture, refinery West: Pacific Ocean

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: 0 ☐ 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 N/A
☐ 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 N/A
☐ 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: Cal Fire / Oceano Fire

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

For residential projects, answer the following: N/A
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%: 5,000 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: Oso Flaco Lake, Oso Flaco Creek, Arroyo Grande Creek, Dune Wetlands
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: Ongoing Maintenance
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? N/A
   ❑ 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? _____
4. How many service connections will be required? _____
5. Do operable water facilities exist on the site?
   ❑ Yes ❑ No If yes, please describe: _____
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?

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

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

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: N/A

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

1. Name of School District: Lucia Mar
2. Location of nearest police station: Oceano Dunes SVRA Ranger Station
3. Location of nearest fire station: Cal Fire Nipomo & Oceano
4. Location of nearest public transit stop: Grover Train Depot
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:
   Off Highway Vehicle Park
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: Numerous Recorded archaeological sites within Park
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.
   Attached

Commercial/Industrial Project Information

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

N/A

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. _____ Between 4:00 to 6:00 p.m. _____
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

N/A

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

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

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: See attached
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): See attached

Other Related Permits

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

   (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.)

Project Description
Particulate Matter Pilot Projects

The California Department of Parks and Recreation (CDPR), Oceano Dunes District, working in conjunction with the San Luis Obispo Air Pollution Control District, and San Luis Obispo County, proposes to conduct three pilot projects designed to assess particulate matter pollution in southern San Luis Obispo County.

Project Description

The three temporary pilot projects would involve the collection of sand transport and windblown dust emissivity data using a small device called the Portable In-Situ Wind Erosion Lab (PI-SWERL) and the temporary installation of fencing, straw bales (at Project 2 only), and sand flux and meteorological data collection instruments. The PI-SWERL consists of a small cylindrical chamber approximately 12 inches wide by 8 inches high, a blower, and a mass flow meter. The device is transported from site to site using a small hand drawn carriage and a single test disturbs the top one to two inches of sand and takes approximately 20 minutes. The sand flux instruments that would be installed include COX sand catchers, BSNE dust samplers, and Sensit saltation sensors. The meteorological instruments that would be installed include windmill style aerovanes mounted on two-meter tripods. The sand flux and meteorological equipment would be temporarily installed in the ground using a hand auger or shovel. The sand flux instruments would not be taller than four feet above the ground surface and the meteorological instruments would be approximately seven feet above the ground surface. The Sensit saltation sensor and meteorological instruments would have data loggers to enable remote transfer of data to Park managers. The COX sand catchers and BSNE dust samplers would require daily collection of sand samples by Park staff. The sand flux and meteorological instruments would run off battery power and would have solar panels to keep the batteries charged. The three projects are described in more detail below.

Temporary Pilot Project 1 – Disturbed / Undisturbed Surface Disturbance: Project 1 would involve the collection of PI-SWERL data. PI-SWERL data would be collected at up to 50 test sites within an approximately 1,500-foot x 2,700-foot project area (93 acres) over a two day period in April 2011. Approximately half of the PI-SWERL sites would be located in the Dune Preserve and the other half would be located in the active riding area of the SVRA. A Coastal Development Permit should not be required for Pilot Project 1 because this project does not involve the installation of structures or instruments in the ground.

Access and Vehicle Trips – Access to collect data would be via the beach and the active riding area of the SVRA. No more than four vehicle trips will be required to conduct Pilot Project 1.

Biological Resources – This site is completely unvegetated and consists of open sand sheets and dunes. No vegetated areas will be impacted by this project. The project area

is located more than one mile from known nesting areas of plover and tern and would not pose a risk to nesting birds.

Temporary Pilot Project 2 – Artificial Roughness: Project 2 would involve the collection of PI-SWERL data and the temporary installation of fencing, straw bales, and sand flux and meteorological instruments. The PI-SWERL data would be collected at up to 50 test sites within an approximate 350-foot by 400-foot area (3.2 acres) over a two day period in April, 2011. Following PI-SWERL data collection, approximately 220 certified weed free straw bales (36 inches long by 18 inches wide by 14 inches tall) would be placed within the project area. The straw bales would be transported to the project area by truck or heavy equipment. The straw bales will remain within the project area for up to three months, approximately through June 30, 2011. At the end of the test period, all fencing and monitoring equipment will be removed and the straw bales will either be removed or broken up and spread around the site. The bales are intended to reduce wind speeds in the project area and, correspondingly, reduce sand transport. Thus, the placement of the bales may increase the micro-topographic features of the project area. In addition to straw bales, approximately 25 sand flux and two meteorological data collection instruments would be installed upwind of, downwind of, and within the straw bales. These instruments would remain in place for four weeks. The scientific equipment will run off battery power and will have solar panels to keep the batteries charged. The project area would be surrounded by fencing approximately four feet high to prevent vandalism. In total, Project 2 could result in the temporary loss of up to 3.3 acres of active riding area for a three-month period.

Access and Vehicle Trips – Access to collect data and maintain the equipment would be via the beach and the active riding area of the SVRA. This project will generate two trips with heavy equipment to pull the straw bales to the site, no more than 10 vehicle trips to transport equipment and materials to the site, and no more than 2 vehicle trips per day to conduct the daily instrument maintenance for the 3 week intensive data collection period.

Biological Resources – The project area is completely unvegetated and consists of bare sand sheets. The project area would not pose a risk to nesting birds or provide a predator perch. All relevant protection measures and management protocols identified in the 2011 Nesting Season Management Plan to Avoid Take of the California Least Tern and Western Snowy Plover shall be implemented during installation and operation of the straw bales, fencing, and sand transport and meteorological instruments.

Temporary Pilot Project 3 – Vegetation: Project 3 would involve the collection of PI-SWERL data and the temporary installation of sand flux and meteorological instruments. PI-SWERL data would be collected at up to 50 test sites within an approximate 1,000 ft x 1,200 ft area (27.6 acres) over a two day period in April. This pilot project would be located in a portion of the SVRA that was re-vegetated within the last five years and not in the riding area of the SVRA. The PI-SWERL testing would occur in a vegetated area but would not affect vegetation. Following PI-SWERL data collection, approximately 20 sand transport and two meteorological data collection instruments would be installed in an array within the project area and remain in place for four weeks. If deemed necessary,

each sand flux and meteorological device would be enclosed by approximately 50-foot by 50-foot of fencing to prevent vandalism. The fence would be four feet high. Project 3 would not result in the temporary loss of active riding area.

Access and Vehicle Trips – Access to collect data and maintain the equipment could be via the beach and the active riding area of the SVRA or via Oso Flaco Lake road. Pedestrian Access would be via existing paths of travel or over bare sand. No more than 10 vehicle trips will be generated to install the monitoring devices and no more than 2 vehicle trips per day will be generated to maintain and operate monitoring devices.

Biological Resources – Even though this project will be installed in a vegetated area of the park, no long term impacts are anticipated. Instruments will be installed in bare sand areas within the project area. Access to the test areas will have minimal impact to vegetation. No vehicles would be used in this area. A more detailed discussion of vegetative resources in Project Area 3 can be found below. No testing would occur within known nesting areas for plover. All relevant protection measures and management protocols identified in the 2011 Nesting Season Management Plan to Avoid Take of the California Least Tern and Western Snowy Plover shall be implemented during installation and operation of the fencing, and sand transport and meteorological instruments.

Figure 1 shows a tentative map of the project area. Figure 2 shows a tentative site map for the three pilot projects. Precise project locations will be identified in the field based on topography and other physical constraints. Further details and methodology for the pilot projects can be found in the attached "Design, Implementation, & Measurement of Stage I Pilot Projects to Reduce Fugitive Particulate Emissions, " from Desert Research Institute dated March 15, 2011.

Timing

The three pilot projects were installed in April 2011. Data collection is occurring on a daily basis in Project Areas 2 and 3. Data collection activities will be complete in May 2011. The straw bales in Project Area 2 will remain in place until the summer of 2011.

These projects were initially deemed to be temporary and not subject to a Coastal Development Permit by San Luis Obispo County Planning. During the installation of the pilot projects, an appeal was filed with the California Coastal Commission. The Coastal Commission, San Luis Obispo County Planning, San Luis Obispo Air Pollution Control District and State Parks agreed to seed a Coastal Development Permit for these projects as a result of the appeal. All parties will work toward a solution that allows the pilot projects to remain in place while this MUP/CDP is processed.

Location

Pilot Project #2 is located on Assessor's Parcel Number 092-391-013
Pilot Project #3 is located on Assessor's Parcel Number 092-391-031

Access to Pilot Project Sites

Pilot Project Areas #1 and 2 will be accessed through the riding and camping area of Oceano Dunes SVRA. Monitoring instruments and straw will be transported to the site with trucks and heavy equipment. All travel to and from the site will be accomplished using existing paths of travel.

Pilot Project Area #3 will be accessed either through the riding and camping area or by the existing access road from Oso Flaco Lake. Monitoring equipment will be brought close to the project area by trucks and be carried by hand to the project area.

All three project sites are accessed from existing paths of travel established within the park. All of the pilot projects can be completed without exceeding the existing use restrictions in place for the park (maximum of 1,000 registered campers per night and 4,300 day use vehicles) [Coastal Commission Permit 4-82-300 A – A5].

Grading Estimates

Total estimated grading (cut and fill) for this project is less than 2 cubic yards. The Cox sandcatchers will be installed using a shovel or auger. Less than one cubic foot of sand will be excavated for each sand catcher.

Environmental Review

CDPR is the California Environmental Quality Act lead agency for these projects. These projects were reviewed in March 2011. A Notice of Exemption was filed on March 17, 2011 under CEQA Section 15306.

Impacts to Earth, Air, Water, Plant Life, Animal Life, Cultural Resources, Aesthetic Resources, and Recreational Resources were examined in the attached Project Evaluation Form.

Topography – The topography of the subject properties is moderate slopes of 10-30% grade.

Water Resources – Numerous water resources are on the property including Oso Flaco Lake and Arroyo Grande Creek. Access to the SVRA will require crossing the mouth of Arroyo Grande Creek. There are numerous creek crossing protocols in place to reduce impacts to sensitive species when the creeks are crossed.

Grading – The site has experienced grading in the past for routine maintenance of features including fencing, beach access ramps, and ongoing sand movement projects near Strand Way in Oceano.

On-Site Sewer – The park currently maintains a number of vault restroom buildings on the site for visitor use. On busy weekends, additional chemical toilets are brought to the property.

Historic and Archaeological Information

The park has conducted numerous archaeological investigations to identify and protect sensitive cultural resources and sites. CDPR analyzed potential impacts to cultural resources and determined that the projects had no potential for impacts. The pilot projects will not be installed near archaeological sites. In the event that cultural resources are found during excavation, project activities will cease until an archaeological monitor can assess the area. Reference the attached California Department of Parks and Recreation Archaeological Review prepared specifically for these pilot projects.

Unique, Rare or Endangered Species

Oceano Dunes SVRA supports sensitive habitats including coastal foredune and dune scrub. The pilot projects will not be installed in areas that support sensitive or rare vegetation. Pilot Project #2 will be installed in an open sand sheet that does not support native dune vegetation. Pilot Project #3 will be installed in an area that was restored to dune scrub vegetation in 2008. Common species in the Pilot Project #3 area include bush lupine (*Lupinus chamissonis*), willow (*Salix* sp.), Senecio (*Senecio blochmaniae*), Monardella (*Monardella crispa*), Achillea (*Achillea millefolium*), beach bur (*Ambrosia chamissonis*), beach evening primrose (*Camissonia cherianthifolia*), mock heather (*Ericameria ericoides*), Phacelia (*Phacelia ramosissima*), and other common dune scrub species. Work will be conducted within open sand areas of the vegetated area and no impacts to native dune species are anticipated.

Oceano Dunes SVRA supports breeding western snowy plover and California least tern. CDPR has determined that the installation and operation of the Pilot Projects can be accomplished under existing protocols to protect these two species without causing harm to nesting or over-wintering birds.

Previous Environmental Determinations

Numerous small projects and events have been subject to CEQA review in Oceano Dunes SVRA. CDPR analyzed cumulative impacts from past projects and the proposed pilot projects and did not identify cumulative impacts. Most previous environmental determinations were made for special events or for minor maintenance and operation activities within the SVRA.

Other Related Permits

The proposed project will not require permits or approvals from other regulatory agencies.

Estimates of impacts from Pilot Projects
Glick, Ronnie
to:
mjanssen@co.slo.ca.us
05/02/2011 01:16 PM
Show Details

History: This message has been replied to.

Matt, as we discussed today, here are my estimates on the impact areas associated with our Pilot Projects. I hope the formatting makes sense.

Straw Bale Project

210 Straw Bales	Impacts of 8 square feet per bale	1680 sq ft
24 Cox Sandcatchers	Impacts of 1 square foot per catcher	15 sq ft
3 BSNE Samplers	Impacts of ½ square foot per sampler	1.5 sq ft
2 Sensits	Impacts of 15 square feet per sensit	30 sq ft
1 Anemometer	Impacts of 1 square foot per instrument	1 sq ft
50 Fencing posts	Impacts of 1 square foot per post	50 sq ft

Total Impact from Straw Bale Project 1777.5 square feet

Vegetation Project

15 Cox Sandcatchers	Impacts of 1 square foot per catcher	15 sq ft
3 BSNE Samplers	Impacts of ½ square foot per sampler	1.5 sq ft
2 Sensits	Impacts of 15 square feet per sensit	30 sq ft
1 Anemometer	Impacts of 1 square foot per instrument	1 sq ft

Total Impact from Vegetation Project 47.5 square feet

Total impact from Pilot Projects 1825 square feet
(call it 3,000 square feet of total impact)

Also, we hope to have that check by the end of the week.

Ronnie

Oceano Dunes SVRA
Pilot Project Sites

- Particulate Monitoring Station
- S1 Windtower
- Riding Area
- Seasonal Exclosoure

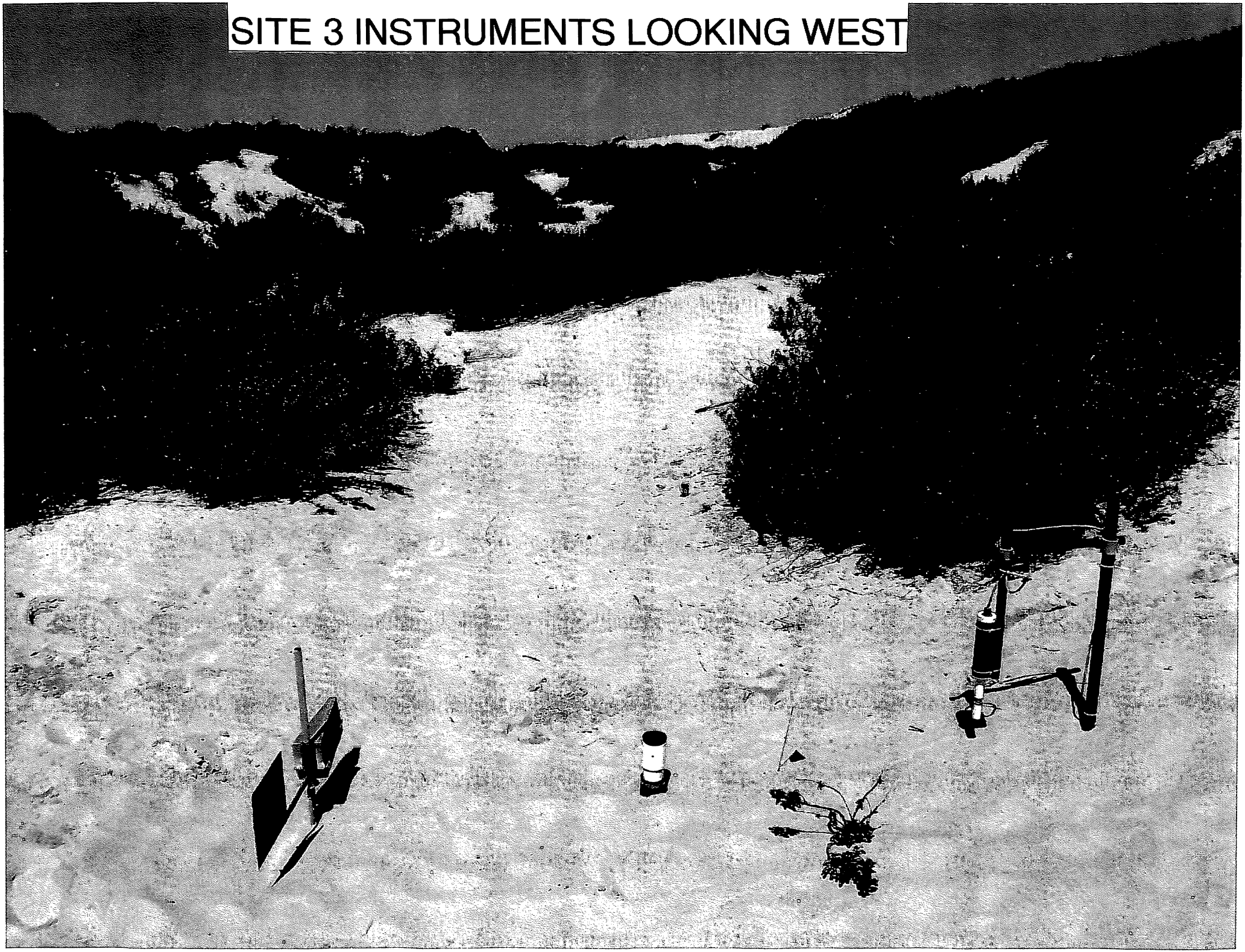
Pilot Project Sites

- P-1 - Riding & non-riding, PI-SWERL testing
- P-2 - Haybales, PI-SWERL & sand flux
- P-3 - 40 acrew reveg location, PI-SWERL & sand flux

N

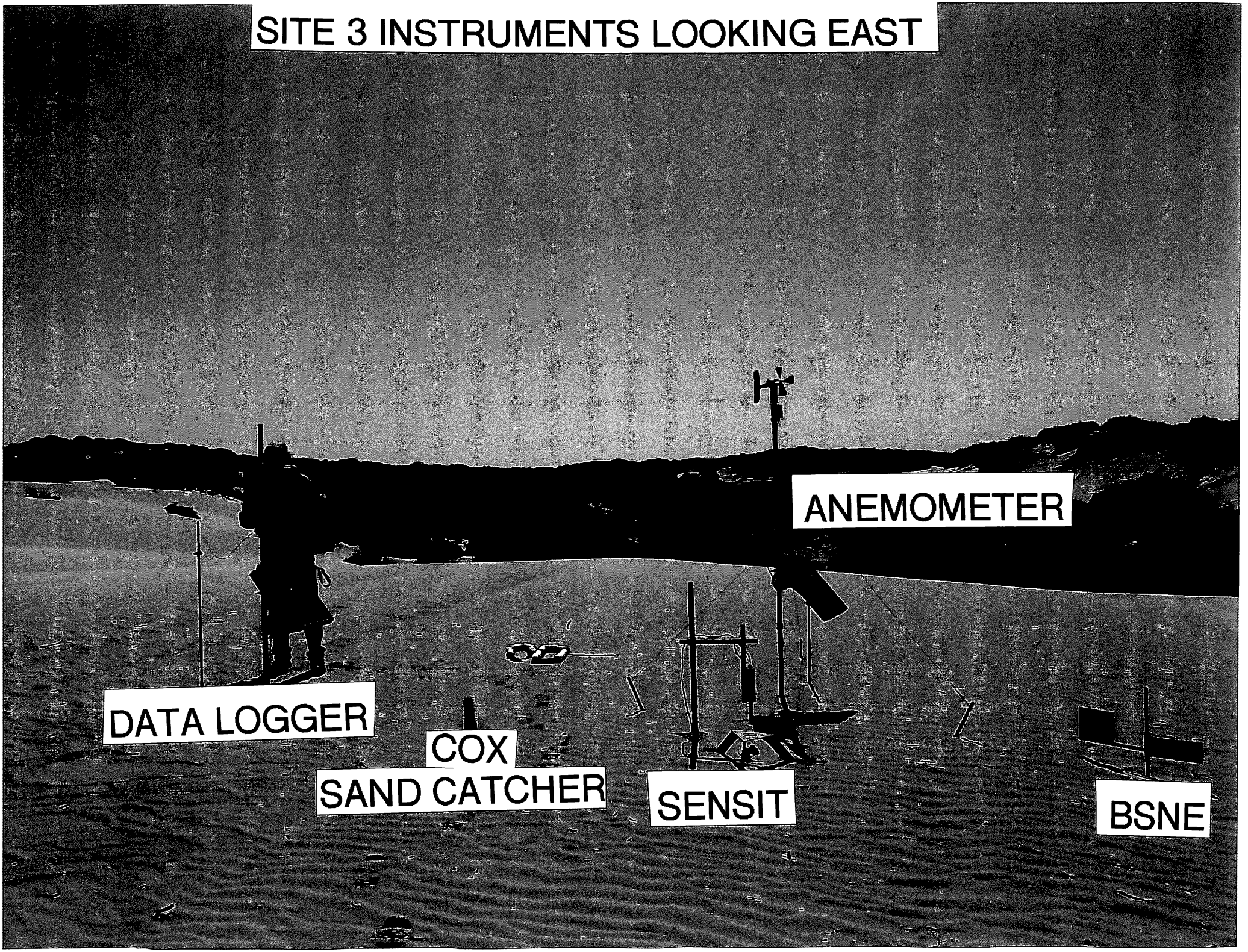
0 0.5 1
Miles

1:18,000

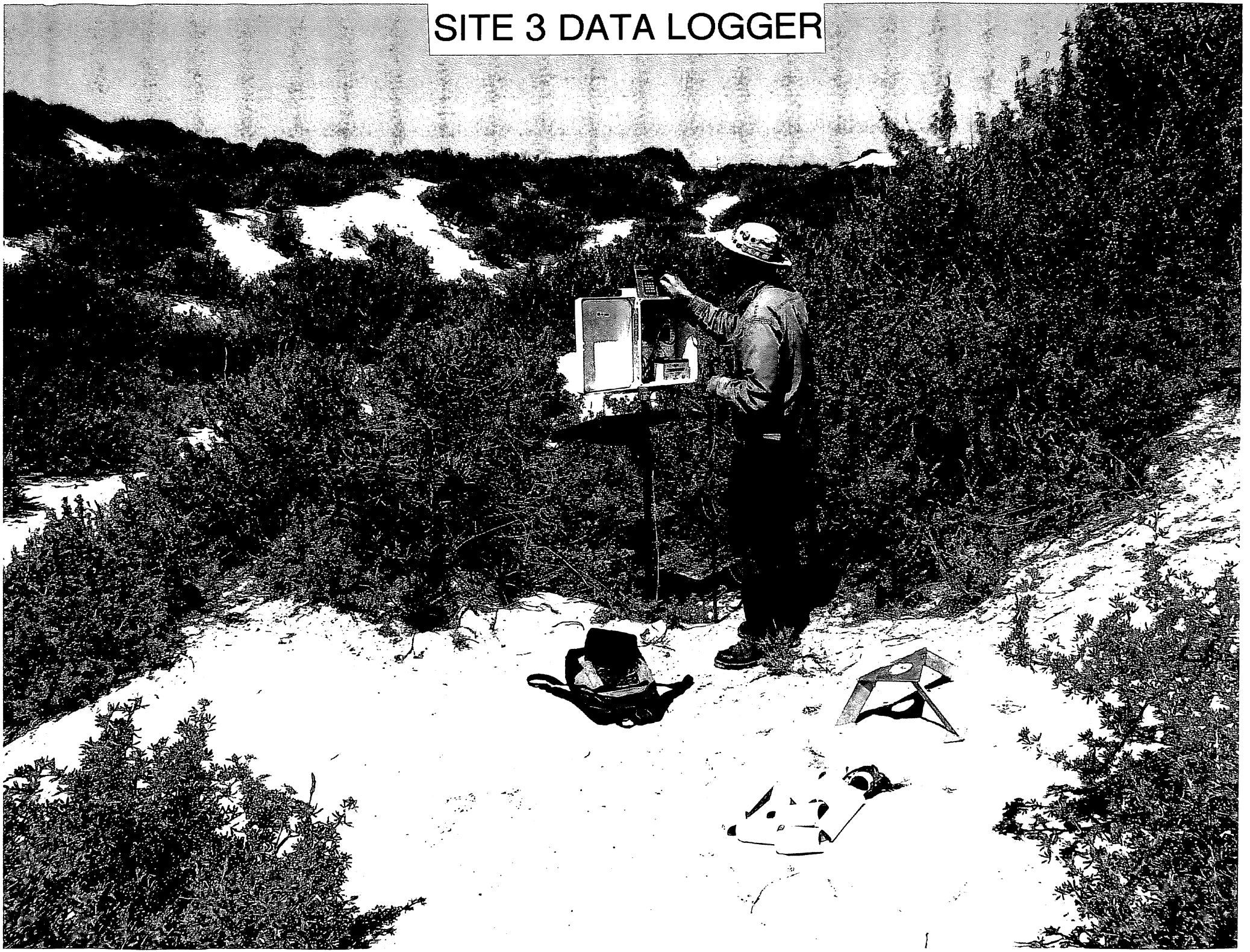

SITE 3 INSTRUMENTS LOOKING WEST

SITE 3 PI-SWERL

SITE 3 PI-SWERL LOOKING WEST


SITE 3 INSTRUMENTS LOOKING EAST
ANEMOMETER
DATA LOGGER
COX
SAND CATCHER
SENSIT
BSNE

SITE 3 DATA LOGGER

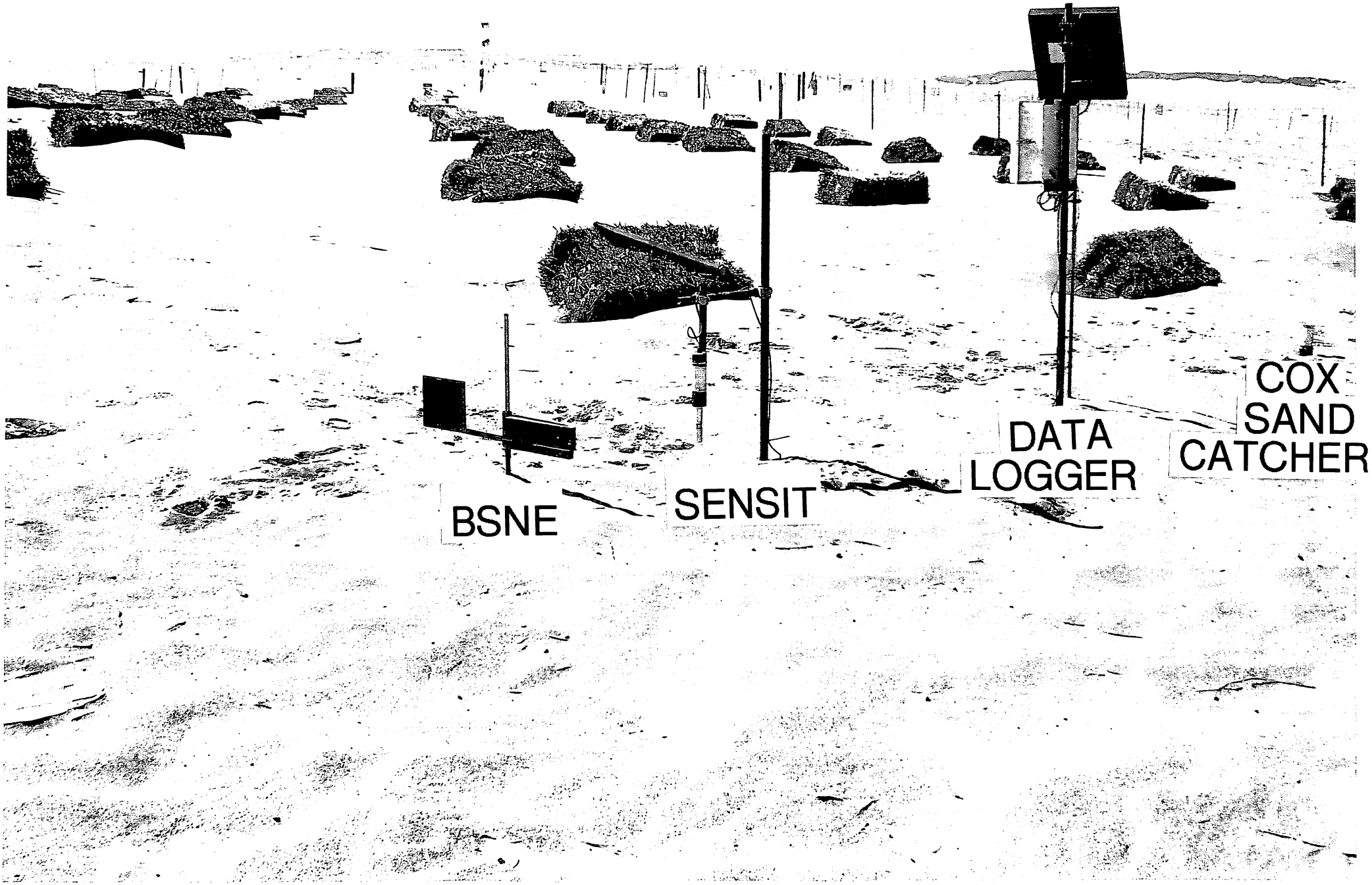


OVERVIEW SITE 3 LOOKING EAST

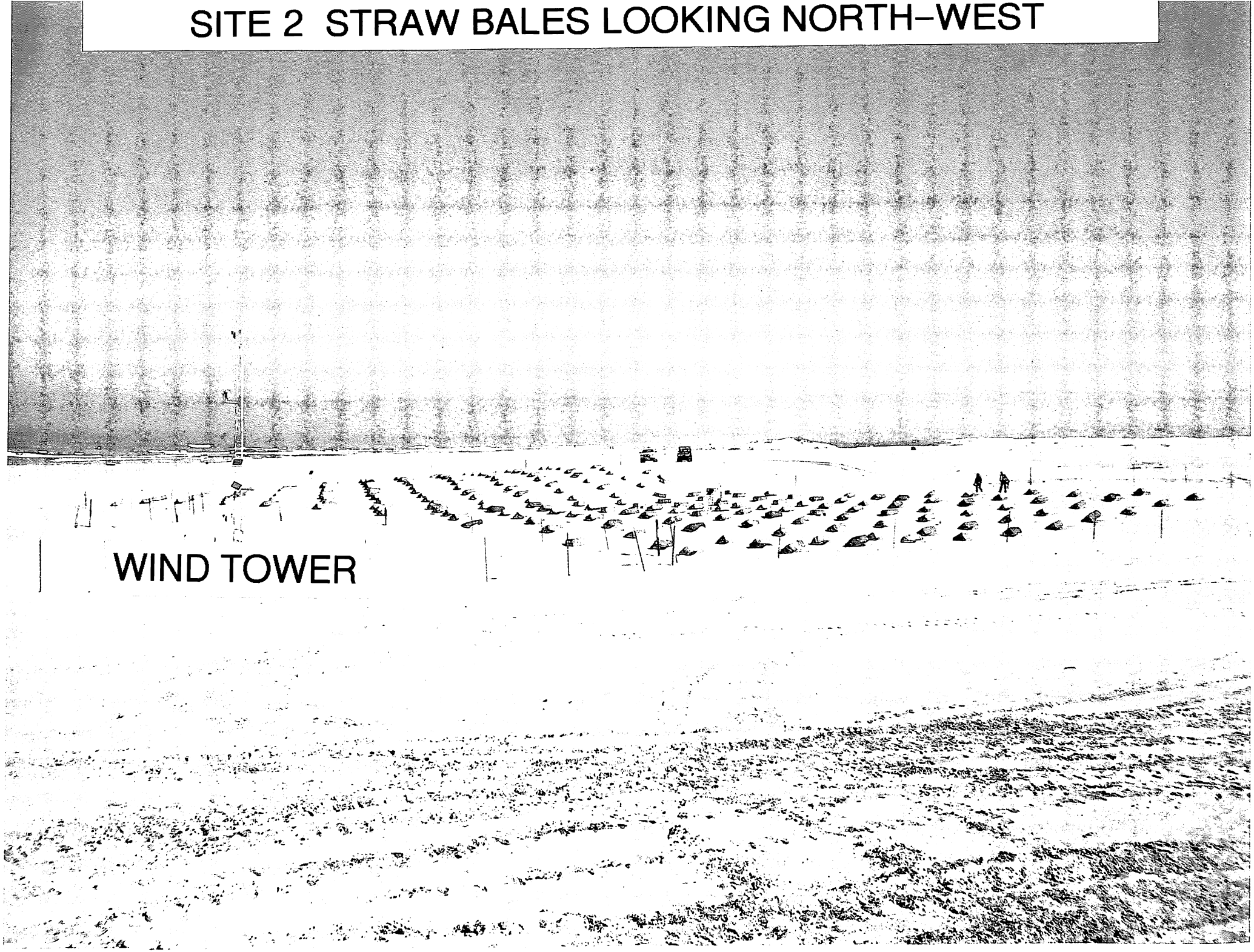
OVERVIEW SITE 3 LOOKING EAST

OVERVIEW SITE 3 LOOKING EAST

SITE 2 INSTRUMENT ARRAY

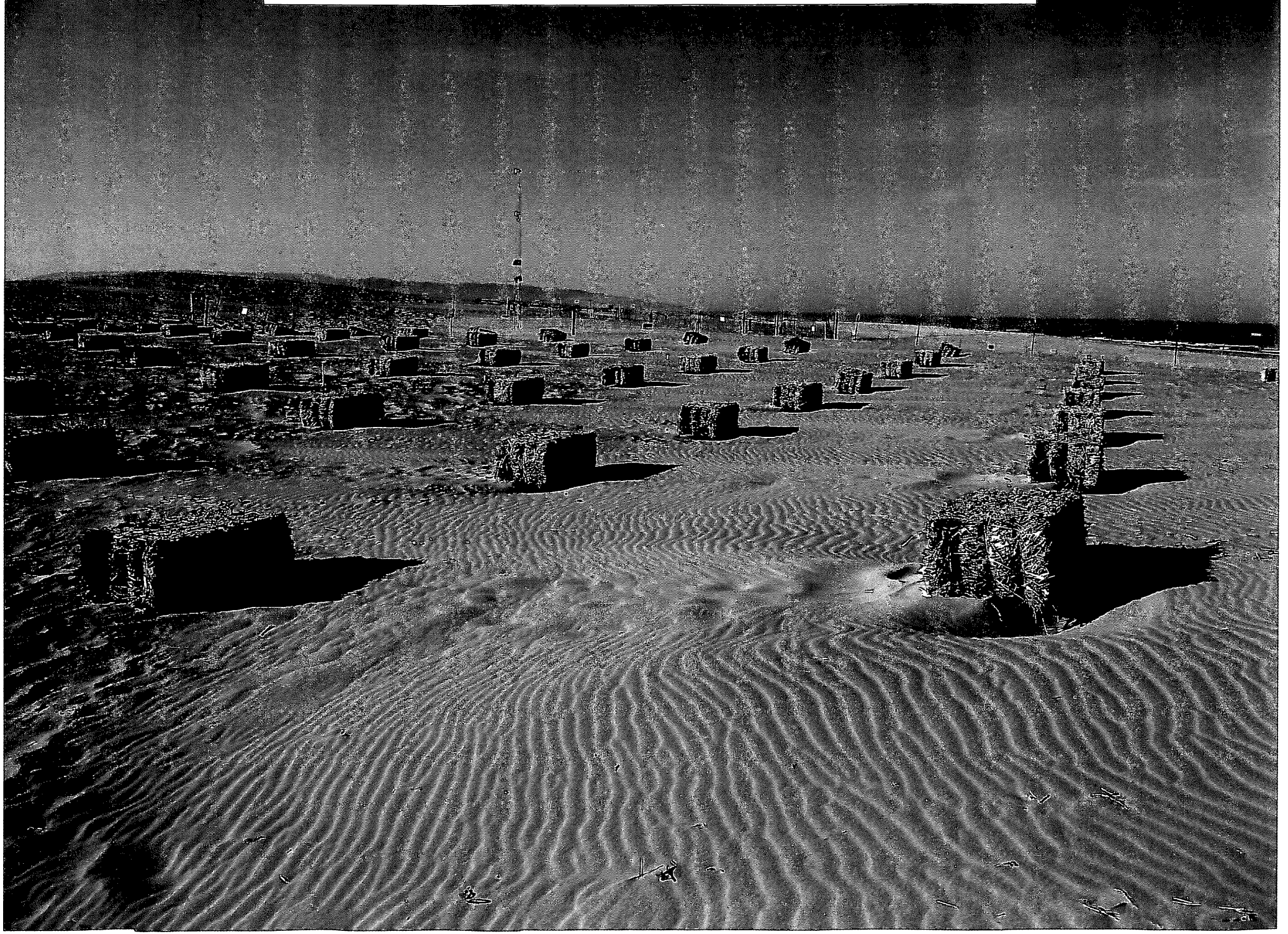


SITE 2 STRAW BALES LOOKING NORTH-WEST

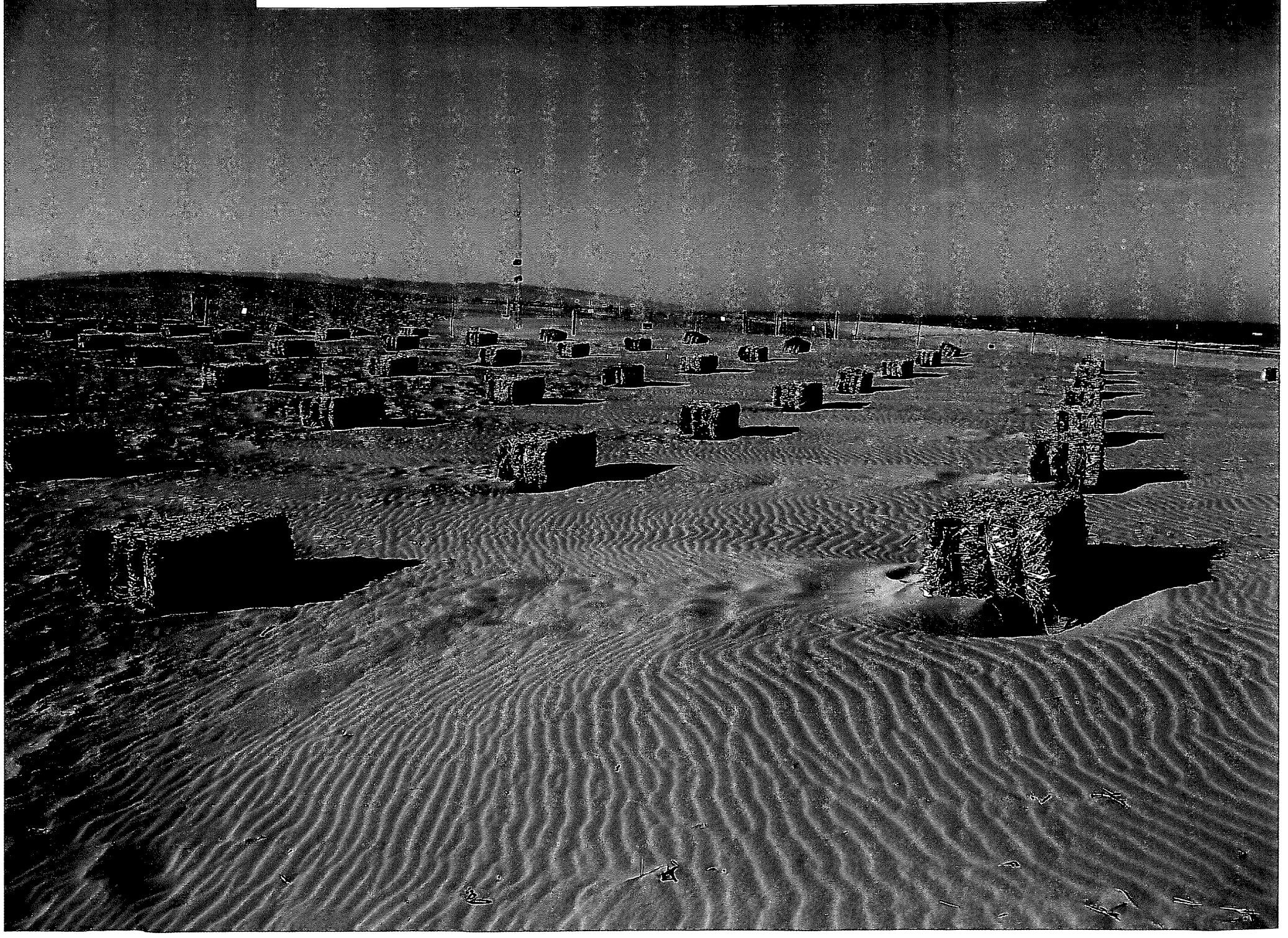


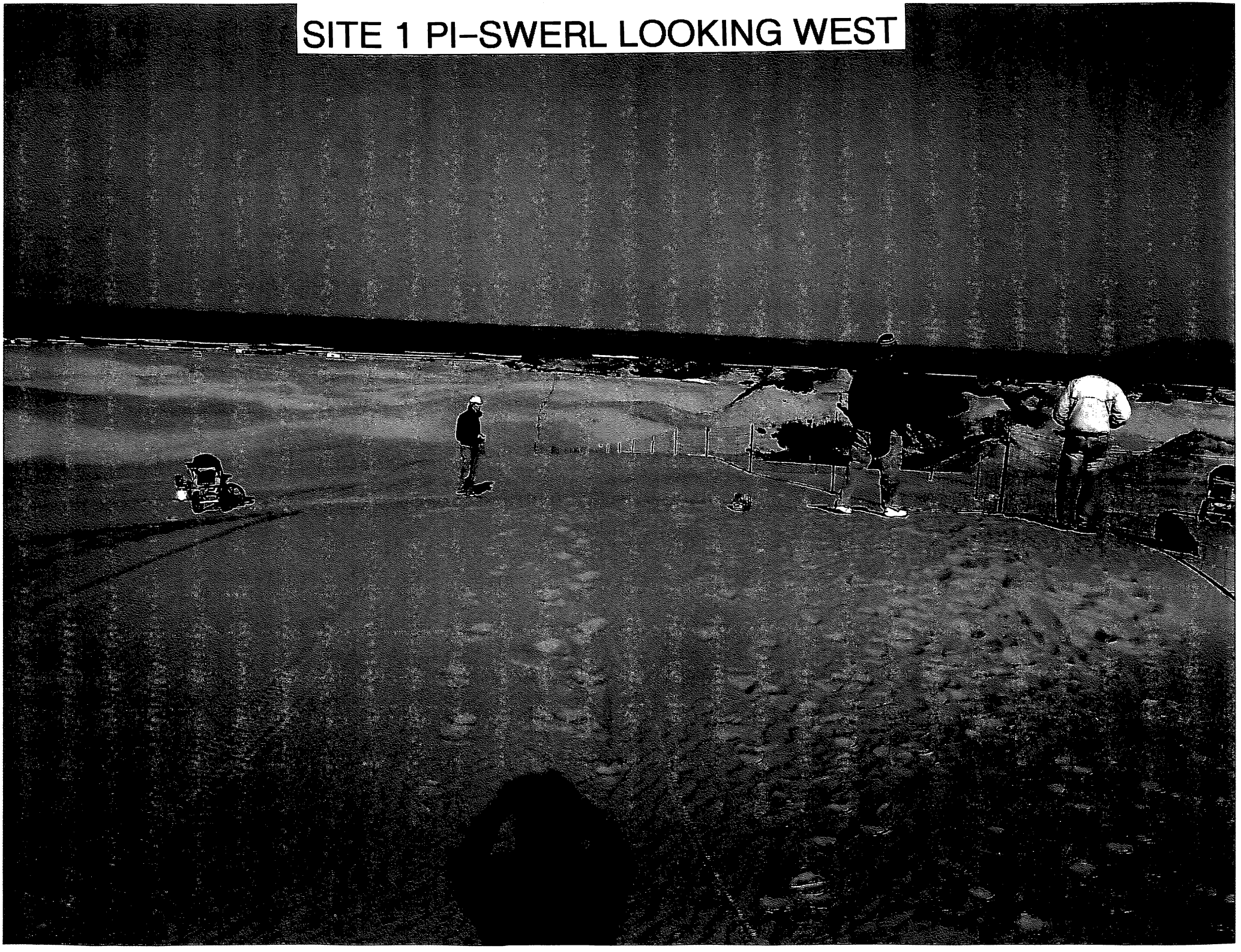
SITE 2 STRAW BALES LOOKING SOUTH

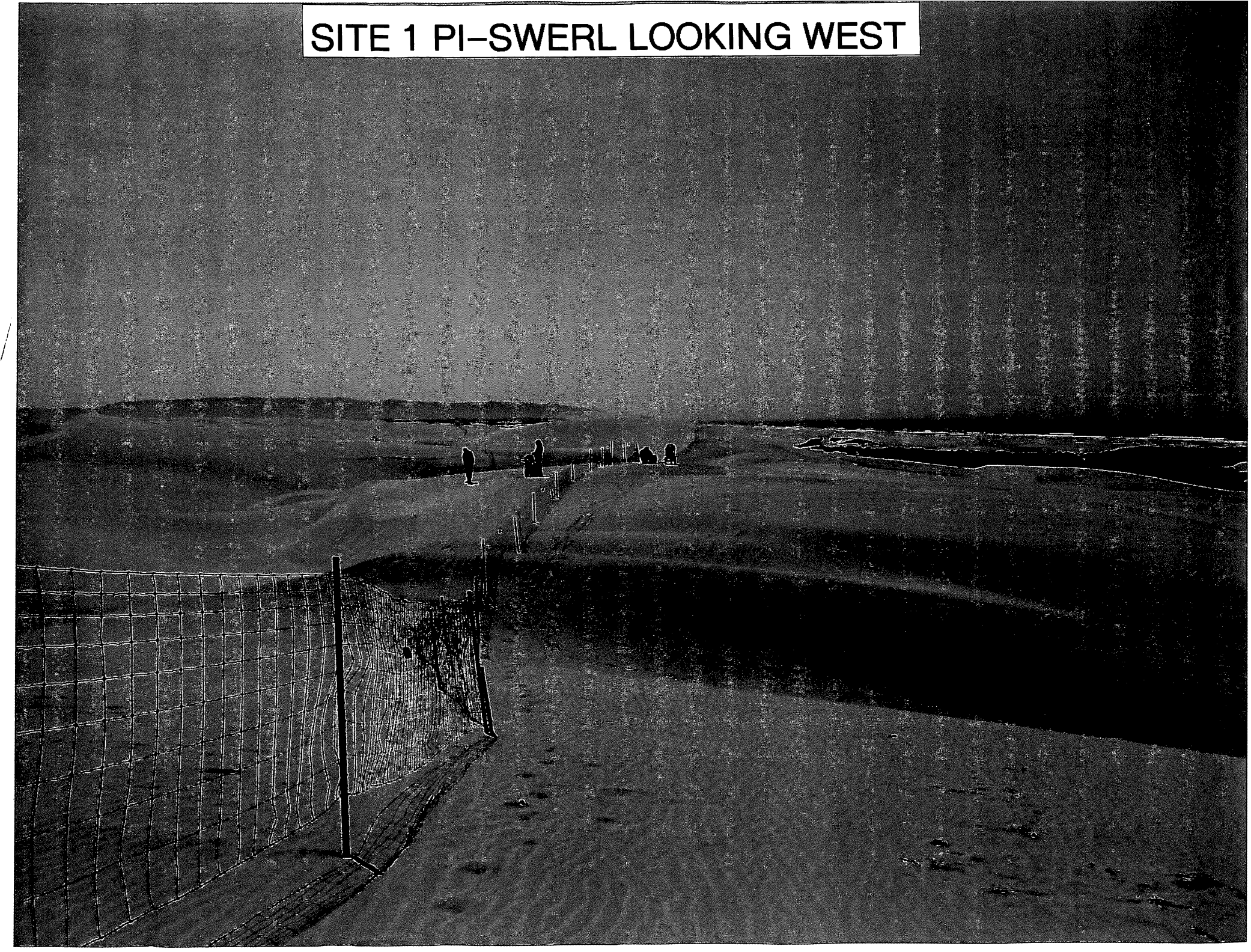
SITE 2 STRAW BALES LOOKING SOUTH



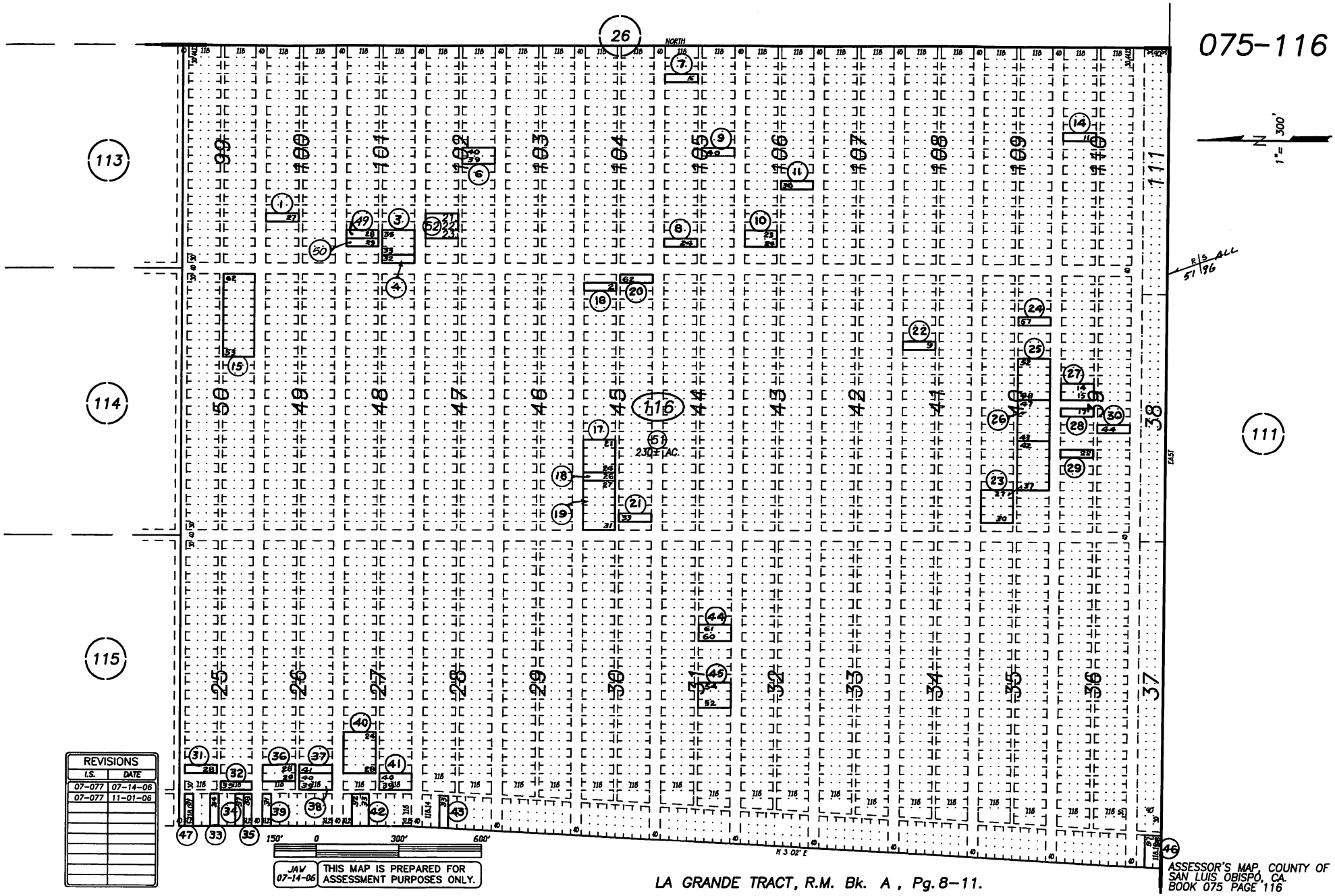
SITE 2 STRAW BALES LOOKING SOUTH




SITE 1 PI-SWERL LOOKING WEST


SITE 1 PI-SWERL LOOKING WEST

075-116



REVISIONS	
I.S.	DATE
07-077	07-14-06
07-077	11-01-06

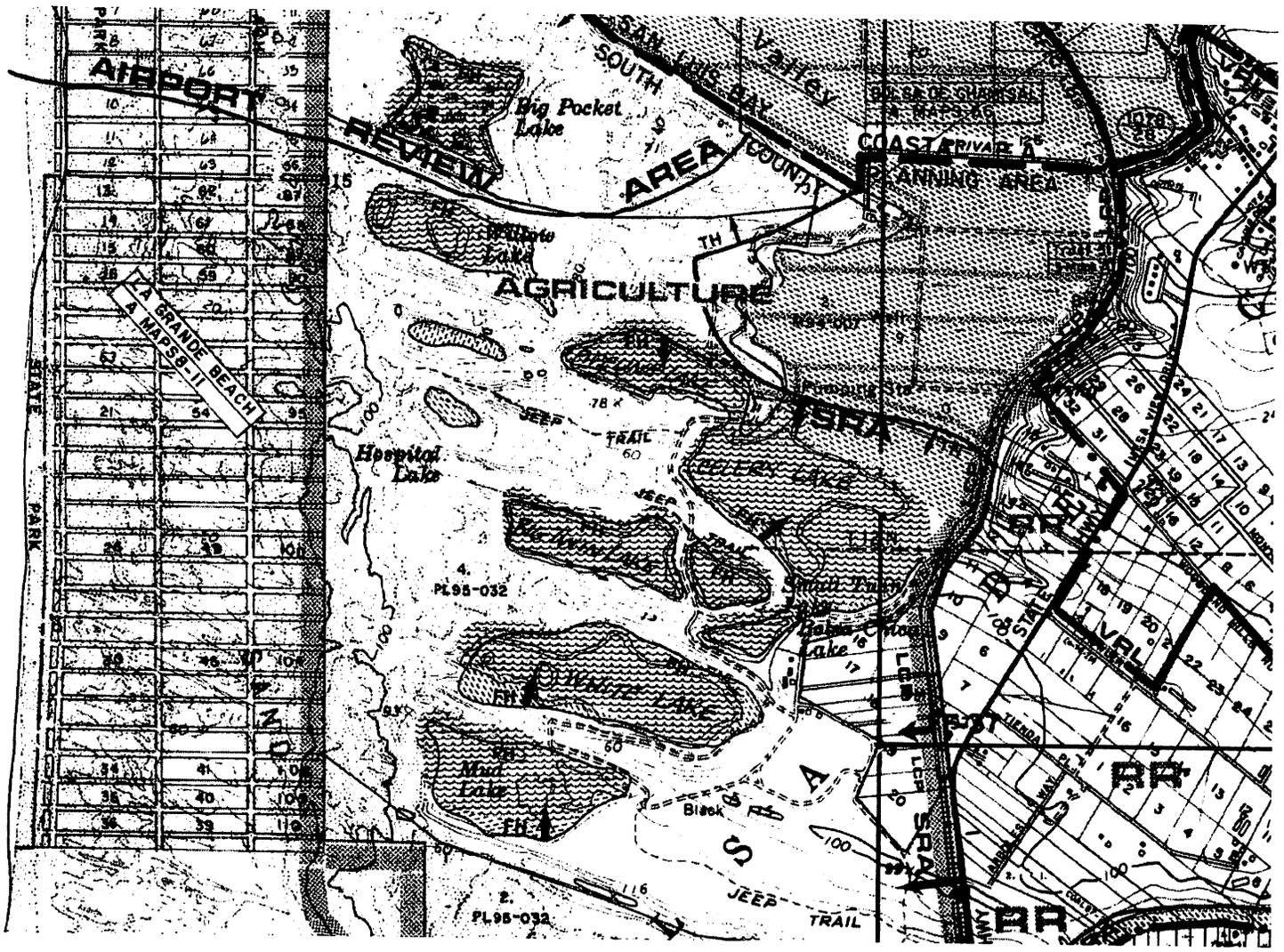
JAW 07-14-06 THIS MAP IS PREPARED FOR ASSESSMENT PURPOSES ONLY.

LA GRANDE TRACT, R.M. Bk. A, Pg. 8-11.

ASSESSOR'S MAP, COUNTY OF SAN LUIS OBISPO, CA.
BOOK 075 PAGE 116

T12N

R35W


AIRPORT
REVIEW
AREA
SAN LUIS BAY
SOUTH
COUNTY
Valley
Big Pocket Lake
COASTAL
PLANNING AREA
AGRICULTURE
LA GRANDE BEACH
A MAPS8-11
STATE
PARK
Hospital Lake
JEEP
TRAIL
SRA
CELERY LAKE
WHITE LAKE
Mud Lake
Black
PL95-032
RR
VRL
SRA
JEEP
TRAIL

Parcel Summary Report For Parcel # 075-116-051

5/5/2011
4:46:59PM

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	SLO CO OF

Address Information

Status	Address

Lot Information:

Tract / Twnshp	Block / Range	Section	Community:	Plan/Area:	Lue 1:	Lue 2:	Lue 3:	Lot:	Flags:	Misc
LAGRBCH	0000	PTN	South County R	South County	REC	SRA	LCP	U	IP / DC	
075116	051	0001	South County R	South County	TH			N		

Parcel Information

Status	Description
Active	230.00 AC

Notes

Tax Districts

LUCIA MAR UNIFIED SCHOOL
SAN LUIS OBISPO JT(27,40) COMM. COLLEGE
ARROYO GRANDE CEMETERY
COASTAL SAN LUIS RESOURCE CONSV.
COUNTY-ZONE NO. 03 FLOOD CONTROL
SAN LUIS PORT & HARBOR
NO. 04 ROAD-CO/SUPVR
AREA NO. 21 COUNTY SERVICE

Parcel Summary Report For Parcel # 075-116-051

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

Case Information

Case Number:	Case Status:	
DRC2010-00068	REC	Primary Parcel

Description:
STATE PARKS PILOT PROJECTS.

DRC2006-00180	APV	Related Parcel

Description:
MUP TO REPLACE 1 BATHROOM AND ADD 5 NEW BATHROOMS