



CONDOR COUNTRY CONSULTING, INC.

May 5, 2010

Ms. Shabnam Barati
Impact Sciences
555 12th Street, Suite 1650
Oakland, CA 94607

Re: Archaeological Survey and Section 106 Consultation Report for the Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory, City of Berkeley, Alameda County, California

Dear Ms. Barati:

Condor Country Consulting is pleased to provide Impact Sciences and the Lawrence Berkeley National Laboratory (LBNL) with this report that presents the results of an archaeological reconnaissance survey and consultation performed in compliance with Section 106 of the National Historic Preservation Act for the Computational Research and Theory Facility (CRT) in Berkeley, Alameda County, California.

This report is intended to provide you with a compliance document that can be used by any federal agency in complying with Section 106 of the National Historic Preservation Act.

The 2.25-acre Study Area (Figures 1 through 5) is a small portion of the surrounding LBNL parcel.

PROJECT DESCRIPTION

The Department of Energy (DOE) proposes to relocate and consolidate Advanced Scientific Computing Research-funded LBNL programs in one location on or near the LBNL site. UC proposes to construct a new building on the LBNL site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, on land owned by the University of California. The project site is located near the western entrance to the LBNL site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and primarily eucalyptus trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and

Cyclotron Road and the LBNL's Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed (see enclosures).

The CRT facility includes an approximately 139,700-gross-square-foot building and associated utilities and infrastructure, including access driveways and pedestrian access. The three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms.

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program.

STUDY AREA/ AREA OF POTENTIAL EFFECTS

The Study Area consists of a portion of LBNL, in Berkeley, California. The project site is approximately 2.25 acres. Please refer to Figure 5 for the definition of the Study Area/Area of Potential Effect. The DOE, as the lead Federal Agency has defined the Area of Potential Effects concurrent with the Study Area or project site. All project activities and construction staging are anticipated to occur within the Study Area.

SUMMARY OF FINDINGS

An archaeological survey of the Study Area was conducted on March 25, 2010. No "historic properties" as defined by Section 106 of the NHPA, were located within the Study Area. No structures in excess of 45 years old exist within the Study Area. A stairway is located on the project site which does not appear historic and appears to have been improved and/or modified in recent years.

No prehistoric or historic archaeological materials or indications of prehistoric occupation were found on the surface of the Study Area with the exception of one isolated fragment of obsidian found in a disturbed context. A portion of the Study Area is in a previously disturbed area of extensive cut and fill. Areas of open ground were subjected to intensive pedestrian survey utilizing transects spaced no more than 5 meters apart. The ground surface throughout and along the edge of the parcel was periodically scraped with a trowel and examined for evidence of cultural resources with negative results. All rodent holes and the road cuts were closely examined for any indicators of midden soils or other indicators of an archaeological deposit. Soil color and texture was consistent throughout the parcel, a light brown clayey loam with angular pebbles, and no traces of midden were noted. Since there were no surface indicators of an intact deposit, the presence of steep topography, and the extensive landform modifications within the Study Area, there is a low likelihood of buried sites within the Study Area.



ENVIRONMENTAL SETTING

Present Environment

The Study Area is located within the City of Berkeley in Alameda County (see Figure 1). The Study Area and its surroundings are dominated by early 20th century development of the Lawrence Berkeley National Laboratory. The immediate project area has been subject to extensive landform modification, including cut and fill during the construction of Building 70A and Cyclotron Road. The southern edge of the Study Area is adjacent to an unnamed intermittent tributary to Strawberry Creek.

The climate of Alameda County is classified as Mediterranean, with mild, wet winters, and hot, dry summers. Regional climate is primarily influenced by the Pacific high-pressure system over the eastern Pacific Ocean, although local climate is strongly affected by topography and delta breezes from the Pacific Ocean and San Francisco Bay. Most precipitation falls from November through April and is generally associated with winter storm systems. Any rainfall that occurs during the summer is usually light and associated with isolated showers or thundershowers.

Paleoenvironment

Central California was subjected to a series of climatic fluctuations over the past several millennia. Generally warm/dry episodes were interspersed with intermittent cool/moist periods (Moratto et al. 1978). The Altithermal Period (a warm/dry episode) ended approximately 2,900 years ago leading to changes in animal and plant populations and distributions. A subsequent climatic cooling trend was established for the next 1,400 years which was then somewhat abruptly replaced by climatic warming which continues to the present. Following the introduction of livestock by Euroamericans, the abundant and widespread native grasslands of central California were replaced by the non-native species that dominate today. It is thought Purple Needlegrass, a bunchgrass found only in California, may have been the dominant species in the project area.

Formation of the Bay (the following discussion is adapted from Morgan and Dexter 2008)

At the end of the last glacial epoch, sea levels worldwide began to rise rapidly, at the rate of about two centimeters per year. By about 10,000 years ago the rising sea flooded in through the Golden Gate to form San Francisco Bay. The bay enlarged as sea levels continued to rise until about 8,000 BP (Atwater et al. 1976, 1977). The effects of rising sea levels through inundation of formerly dry lands must have varied widely, depending on localized slope and topography along the shores of the bay.

By about 6,000 BP sea level rise had declined to a much slower rate of two millimeters per year. Between 6,000 and 5,000 years ago, this slow inundation was outstripped by sedimentation influx from bay side tributaries, and extensive mud flats and tidal marshes began to develop along the bay shores (Ingram 1995; Lightfoot 1997). Tidal marshes probably reached their maximum extent by about 2,000 years ago (J. West cited in Banks & Orlins 1984:3.2). Sea levels have continued to rise at a slower rate, with occasional reversals, into modern times.

Whether the effects of these worldwide climatic trends were felt in the Bay Region is uncertain. However, even climatic fluctuations on a small scale may have had significant--if short term--effects on the Bay Region. For instance, increased rainfall during wet epochs might have induced rapid



erosion along rivers and creeks, with increased siltation at creek mouths on the Bay. Drought years also might have changed siltation patterns by decreasing circulation in the bay.

Historic Land Changes

The greatest land changes in the surrounding area are related to early settlement by Euroamericans in the 1800s.

Agriculture and livestock were introduced to the area by 1830. The arrival of cattle and horses constituted one of the principal reasons for the disappearance of the California grasslands (Brown 1985: 88). By 1851 wild oats were introduced as a food source and dominated the valleys and foothills of the Mt. Diablo area. Today nearly 400 species have been introduced to the California grasslands brought inadvertently from the Mediterranean by Spanish explorers (Allan et al. 1997:2, 5).

Another significant land change in the Study Area vicinity is conversion of farmland into subdivisions in Oakland and the nearby city of Berkeley. The University dominated the land changes in the immediate vicinity, with the upper campus being developed by the 1920s.

In 1897 only the Strawberry Creek road was present; landform modification was limited to small hydrologic features (such as adits, spring boxes, and water conveyance systems for Berkeley). Several University developments encroached on the edges of the Study Area between the 1910s and the 1940s, which has resulted in grading of building pads, access roads, and underground utility lines.

Soils

The Study Area encompasses two soil classifications (Maymen Loam, 30 to 75 percent slopes) and (Xerorthents-Millsholm complex, 30 to 50 percent slopes) (USDA-NRCS 2007). Xerorthents-Millsholm complex is residuum weathered from sandstone and shale with the surface usually consisting of a silt to a depth of 60 inches. Maymen Loam soils are residuum weathered from sedimentary rock, usually to a depth of 10-20 inches to lithic bedrock. The entire Study Area is located on a steep slope, with little area subject to any deposition of alluvial soils. There is the possibility of paleosols being buried by landslides of colluviums, however most of the area was extensively graded in during construction of Cyclotron Road, and again for the new building 70A. There is little likelihood of intact buried paleosols within the Study Area.

CULTURAL SETTING

Prehistory

Lillard, Heizer and Fenenga (1939) developed an early systematic cultural chronology for Central California. The Central California Taxonomic System (CCTS), as their culture chronology came to be known, identified three broad divisions, or Horizons, among sites in the Sacramento Valley, based primarily upon analyses of burials and associated artifacts. The Early, Transitional (later known as Middle) and Late Horizons, were viewed as both cultural and chronological. These Horizons framed much of the cultural chronological thinking about archaeological sites in Central California for several decades.

Scholars have debated whether the Early Horizon inhabitants of the San Francisco Bay region were culturally related to more interior populations or developed independently (Bickel 1981; and Gerow



with Force 1968). The exact dynamics of cultural change and interchange between these two groups is still being unraveled by archaeologists.

The earliest time that humans first set foot in the region is unknown. Evidence of the first human visitation or occupation in the area may lie under water. There is evidence from archaeological sites in the region which point to people being in the San Francisco Bay area at least 5,000 years ago. If we look farther afield there is evidence from the Clear Lake area to the north of San Francisco of human occupation perhaps 10,000 years ago or more. Archaeological evidence in closer proximity to the proposed project suggests human occupation from as early as 389 B.C. (Moratto 1984:258).

By examining and comparing the archaeological finds from sites in the Central Valley of California, the Monterey Coastal region and the San Francisco Bay Area itself, a few generalizations can be made about the people who inhabited this region. Typically sites are found in settings adjacent to water resources which would have placed humans in close proximity to a wide variety of plant and animal resources.

These people were not farmers, nor were they highly focused on procuring a single food source such as acorns. Instead they were hunter-gatherers who could be thought of as “generalists”; that is their diet would reflect a population that collected, gathered and hunted a wide variety of foods. A diet rich in fish, shellfish, game such as deer, and gathered seeds would have been the norm for many of these people. Based on the numerous grave goods found with human burials from this early period (typically found in a prone position and facing west) some archaeologists have concluded that trade networks with other groups had already been established and ceremonialism was an important aspect of daily life. Artifacts that might be found in association with a burial might include large projectile (spear or dart) points, fishing weights, hooks, animal bone, seed grinding implements, and shell beads.

About 4,000 years ago the archaeological sites from the San Francisco Bay Area and surrounding regions begin to suggest a greater specialization. Sites from this period are found in a wider variety of environmental settings which suggests populations were focused on more specific food resources. The sites tend to contain an abundance of milling and grinding stones suggesting a greater reliance on plant resources. The chronological sequence for the project area begins with sites dating from 2,500 years ago. Earliest occupation of the area has been identified to about years ago 5,000 years ago. Unfortunately these early sites have been buried as a result of extensive deposition of alluvium accompanied by a raise in sea level in the past 15,000 years (Moratto 1984) and are not well documented in this part of California (Ragir 1972).

It has been suggested that the Early Middle Horizon (4,500 to 2,500 years ago), or now referred to as Windmiller, is associated with an influx of peoples from outside of California. The archaeological evidence suggests these Early Middle Horizon populations employed technologies adapted to river-wetland environments (Moratto 1984:207). Typical Windmiller sites are often situated in riverine, marshland and valley floors settings that offered a variety of plants and animal resources. These sites often contain burials that are extended ventrally and oriented to the west. Burial artifacts include a variety of fishing paraphernalia, (net weights, spear points and bone hooks) large projectile points as well as faunal and large and small mammal remains.

The subsequent Middle Horizon or Berkeley Pattern covers a period from 2,500 to 1,500 years ago in the northern California delta area. Sites from this period are more numerous and are better documented in the region. The sites evince an economy focused on riverine environments, but are more widely distributed than earlier patterns. As described by Allan et al (1997:9), sites from this



period include deeply stratified midden deposits, containing large assemblages of milling and grinding stones for the processing of vegetal resources, as well as smaller and lighter projectile points. Further distinguishing traits from earlier patterns include artifacts such as slate pendants, steatite beads, stone tubes and ear ornaments. A shift in burial pattern is also evident with variable directional orientation, flexed body positioning, and a general reduction in mortuary goods (Fredrickson 1973; Moratto 1984).

David Fredrickson (1973) has defined the late prehistoric period that ranges from 1,500 to 150 years ago as the Augustine Pattern in the delta region. The pattern is characterized by intensive hunting, fishing and gathering, a focus on acorn processing, large population increases, intensified trade and exchange networks, more complex ceremonial and social attributes, and the practice of cremation in addition to flexed burials. Moratto (1984:211) adds that grave goods were often burned in the burial pit before interment of the body. As pointed out by Allan et al. (1997:9), certain artifacts also typify the pattern: bone awls for use in basketry manufacture, small notched and serrated projectile points, the introduction of the bow and arrow, occasional pottery, clay effigies, bone whistles, and stone pipes. Artifact typologies suggest a southward-moving influx of Wintun populations into the Sacramento Valley during the late prehistoric period. This was apparently not a peaceful expansion as evidence from several sites evinces mutilation of skeletons and Wintuan-type barbed points imbedded in human remains (Johnson et al., 1976; Moratto 1984: 212; Ragir 1972).

The Meganos Complex intrudes into the Berkeley and Augustine Patterns (Fredrickson 1974:48; West and Welch 1996:5) in the lower San Joaquin Valley and the western Delta region. It is identified as having a large number of extended burials, but without any preference as to orientation. Also, its cemeteries are not associated with midden contexts (West and Welch 1996:5).

Ethnography

The Study Area is located within the traditional territory of the Chochenyo Ohlone (Levy 1978). There were eight languages spoken among the Costanoans. Levy (1978) suggests the ancestors of the Costanoans settled in the San Francisco Bay Area around 1450 BP. Although Costanoan languages differ from Miwok, they are classified together in the Utian language family within the Penutian stock. Evidence suggests the ancestors of the Ohlone settled in the vicinity of the Study Area during the Middle Horizon of California prehistory.

The greater territory of the Ohlone encompassed the San Francisco Bay and stretched from the Carquinez Straight southward to the Monterey Bay area. The area surrounding the Study Area is mapped as the Chochenyo, Huchiun, or Huichin-Aguasto tribelet territory according to Levy (1978:485) and Milliken (1995:243). Upon contact with the Spanish, the Ohlone were the first of the local tribes to have most of its members converted to Christianity. The first recorded baptism of a Huchiun was in 1787 at Mission San Francisco. The majority of the members of the Huchiun tribelet were missionized at the Mission San Francisco de Asis in the fall of 1794 (Milliken 1995:243).

Traditionally, the Ohlone were divided into tribelets, which were politically distinguished and exhibited cultural and linguistic variation from other tribelets within the larger Ohlone culture. Each tribelet was headed by a chief (male or female), which was a hereditary position that passed down the male lineage. On occasion, when there was no male heir, the position of chief would pass to the daughter of the former chief (Levy 1978:487).



Local subsistence was comprised of animal sources and seasonally available plant sources. Typical fauna hunted or collected by the Miwok included deer, mussels, fish, rabbit, and fowl. Some examples of plant resources were the all-important acorn, nuts (such as hazelnut, buckeye, & pine), seeds, roots, mushrooms, and plants used as greens (such as Trifolium) (Levy 1978).

The Study Area is near the northern reaches of the Ohlone territory. Milliken (1995:243) identifies the ethnographic Ohlone group of Huchiun as being a group that occupied the Berkeley - (Lake Temescal Area of) Oakland area. Three hundred and eighty four people from this group went to the Mission San Francisco de Asis between 1787 and 1811 (ibid.).

What is known is that vast grasslands, wetlands, and tule marshes along the sloughs and braids of the San Francisco Bay system dominated the environment in this area. The rich abundance of fish, waterfowl, tule roots, and shellfish in this region allowed for the settlement of permanent villages on mounds within the bay plain, and a sedentary settlement pattern.

Historic Period

The historic period of Alameda County can be divided into three major periods. The following discussion is derived from Allan, et al. (1997).

Spanish Period (in California)	1775-1822
Mexican Period	1822-1848
American Period	1848-present

Euroamerican contact with the Ohlone first occurred during a series of Spanish expeditions into the San Francisco Bay Area between 1769 and 1776. The groups near the project area were visited by Anza and Font during this period on their passage through the region in 1776 (Bolton 1930: [3]144, [4]383-383). The Spanish-colonial presence was firmly established in Alta California in 1775 when Captain Juan Manuel Ayala's expedition studied the San Francisco Bay and ventured up the Sacramento and San Joaquin Rivers in search of a suitable mission site. The first mission in the region, Mission Dolores, was established the following year in San Francisco. By 1806 to 1810 most of the Native Americans from the inner Bay Area had already been baptized and peoples who lived further from the missions began to experience the same events and processes that earlier caused the first migration to the missions. Foremost in the list of these processes were famine and diseases such as measles and syphilis (Milliken 1995:172,193,218-219). Many of the Huchiun Ohlone who lived near the project area went to the Mission San Francisco de Asis in 1794 (Milliken 1995:243).

The Mexican Period was marked by secularization as the Spanish-colonial mission system collapsed and their lands fell out of Mission control. Many Costanoans (Ohlone), Miwok and Yokut formed multiethnic communities around the Bay Area in an attempt to maintain some aspects of their traditional lifestyle. These communities gradually shrank in size. By 1845 most the land holdings were in the form of large Ranchos which was the norm until the mid-1800s. One of these, Rancho San Antonio, Vicente and Don Domingo Peralta, was centered in Berkeley and Oakland (Hendry 1940; Hendry and Bowman 1940; Smith and Elliot 1878). Deterioration of the relations between the United States and the Mexico resulted in the Mexican-American War of 1847, which resulted in Mexico relinquishing California to the United States under the Treaty of Guadalupe Hidalgo of 1848.

The discovery of gold at Sutter's Mill in 1848 brought an influx of people into the northern half of California as emigrants sought gold or jobs producing goods or services for gold miners. Land use changes resulted as livestock grazed some native grasses to extinction, woodlands were cut for



lumber and railroads, and mines and agriculture developed on nearly arable lands. Early American development from the 1850s through 1870s in the San Francisco East Bay hills included extensive redwood logging operations, grazing operations, as well as early development of water sources by a myriad of small private water companies.

The area immediately surrounding the project site has been dominated by the University of California development since the 1880s, and the later Lawrence Berkeley National Laboratory development since the 1939. Please refer to the History of the Lawrence Berkeley National Laboratory for a detailed description of the historic context of the Lab site (Helibron et. al. 1996).

RESULTS OF THE RECORD AND LITERATURE SEARCH

On March 23, 2010, Lisa Hagel conducted a records search (NWIC File # 09-0934) at the Northwest Information Center of the California Historical Resources Information System (NWIC) of the California Historical Resources Information Center, located at Sonoma State University. The record search at the NWIC included searches of archaeological site and historic property files, the National and California Registers of Historic Places, the Historic Property Data File for Contra Costa County, California Historic Landmarks, and historic General Land Office Maps.

The records search revealed that the LBNL fenced portion of the Study Area had been subject to two previous archaeological surveys (Kielusiak 2000, Roop 1986). A total of eight other studies (Busby 1995, Chavez 1985, Dexter and Cuellar 2008, Holman 1987, Holman et al 1983, Mayfield 1978, URS Corporation 2006, Windmiller 2003) have been conducted within a one-half-mile radius of the project area.

Previously recorded sites within a quarter-mile of, but outside of the Study Area

There are no previously recorded archaeological sites/historic resources within the Study Area; however, there are fifteen resources within one-half-mile of the Study Area. Of these, seven of the resources are buildings on the Lawrence Berkeley National Laboratory (Primary Numbers P-01-6941, -6942, -6943, -6944, -6945, -6946, and -10685). Two historic rock quarry features (Historic Resource Inventory Property# 124647 and 125011) are well outside of the Study Area. Two water conveyance adits (Historic Resource Inventory Property# 125012 and 125013) that were later modified for storage areas and drainage are also within ½ mile of the Study Area. A cadastral monument (P-01-2184) is located on East Bay Parks and Recreation lands ½ mile to the south. Two prehistoric sites (CA-ALA-23, and P-01-10597) are located well over 1/3 of a mile from the Study Area. Finally a prehistoric isolated projectile point (P-01-10575) was found in Strawberry Creek well outside of the Study Area.

Previously recorded sites within the Study Area

No resources were previously recorded within the Study Area.

Other sources consulted

Aerial photographs and historic maps of the area were inspected at the UC Berkeley Earth Sciences & Map Library.



ARCHAEOLOGICAL SURVEY FIELD METHODS

The entire Study Area was subject to a pedestrian archaeological survey. The result of the current cultural resources investigation was negative. All portions of the Study Area with exposed ground surface were subject to a pedestrian survey by Mr. Sean Dexter, Principal Archaeologist, and Mr. Armando Cuellar, RPA, Staff Archaeologist, of Condor Country Consulting, Inc.

Mr. Dexter and Mr. Cuellar surveyed the entire Study Area using linear transects 5 meters apart. Some portions of the Study Area have been subject to extensive landform modifications (cut and fill). The majority of the Study Area has not been subject to major landform modifications, but exceeds 25% slope. The Study Area afforded fair ground visibility (approximately 50%), with ruderal vegetation partly obscuring the ground surface. Mr. Dexter and Mr. Cuellar stopped every 10 meters to scrape the ground surface with a trowel to inspect the immediate subsurface for cultural materials or evidence of previous human occupation. Soil around rodent holes and the exposed soil along the fence line above the Creek bank were examined for any evidence of color or texture change.

SECTION 106 CONSULTATION

Letters to the Berkeley Historical Society, Alameda County Historical Society, the California Native American Heritage Commission, and eight individuals listed on the California Native American Heritage Commission's contact list were sent for this study. Please see a copy of the attached letters (enclosure). No substantive response to these letters of interest have been received to date, other than one comment from Irene Zwierlin recommending that if an archaeological monitor is recommended and/or artifacts are located, a Native American monitor should be contacted. No other comments have been received as of August 11, 2010.

RESULTS

The results of the survey in all sections of the Study Area were negative for archaeological resources, with the exception of an isolated fragment of obsidian (P-01-011007). Soil color and texture was consistent throughout the parcel, a light brown clayey loam with angular pebbles, and no traces of midden were noted.

No resources defined by CEQA as "cultural resources" or "historic properties" as defined by Section 106 of the NHPA, were located within the Study Area. No structures in excess of 45 years old exist within the Study Area.

It is Condor Country Consulting's recommendation to the lead federal agency that a *No Historic Properties Affected* determination for this undertaking be transmitted to the California Office of Historic Preservation.



REMARKS

No further archaeological work is recommended within the current Study Area. If in the future the project expands to other parcels, then additional archaeological work may be necessary.

There is a very low potential for buried archaeological deposits to exist within the parcel.

If buried cultural materials are encountered during ground disturbing activity associated with the development of this parcel, it is recommended that all work in the vicinity of the discovery halt until a qualified archaeologist makes an assessment of the find and follows the proper protocol for the specific type of cultural material.

Sincerely,



Sean D. Dexter
Principal Archaeologist, Condor Country Consulting

Peer reviewed by:



Armando A. Cuellar, M.A., R.P.A.
Staff Archaeologist, Condor Country Consulting

SDD:sdd

enclosures: Figures
 Résumés of researchers
 Copies of Native American and Historical Society Consultation



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1878 Illustrations of Contra Costa County, California, with an Historical Sketch. Smith and Elliot, Oakland.

URS Corporation

2006 Cultural Resources Technical Report, Fire Mitigation, The Regents of the University of California, PDMC-PJ-09-CA 2005-003 & 11. Manuscript on file (file #S-31361) at the Northwest Information Center of the Historical Resources Information System, Rohnert Park, CA.

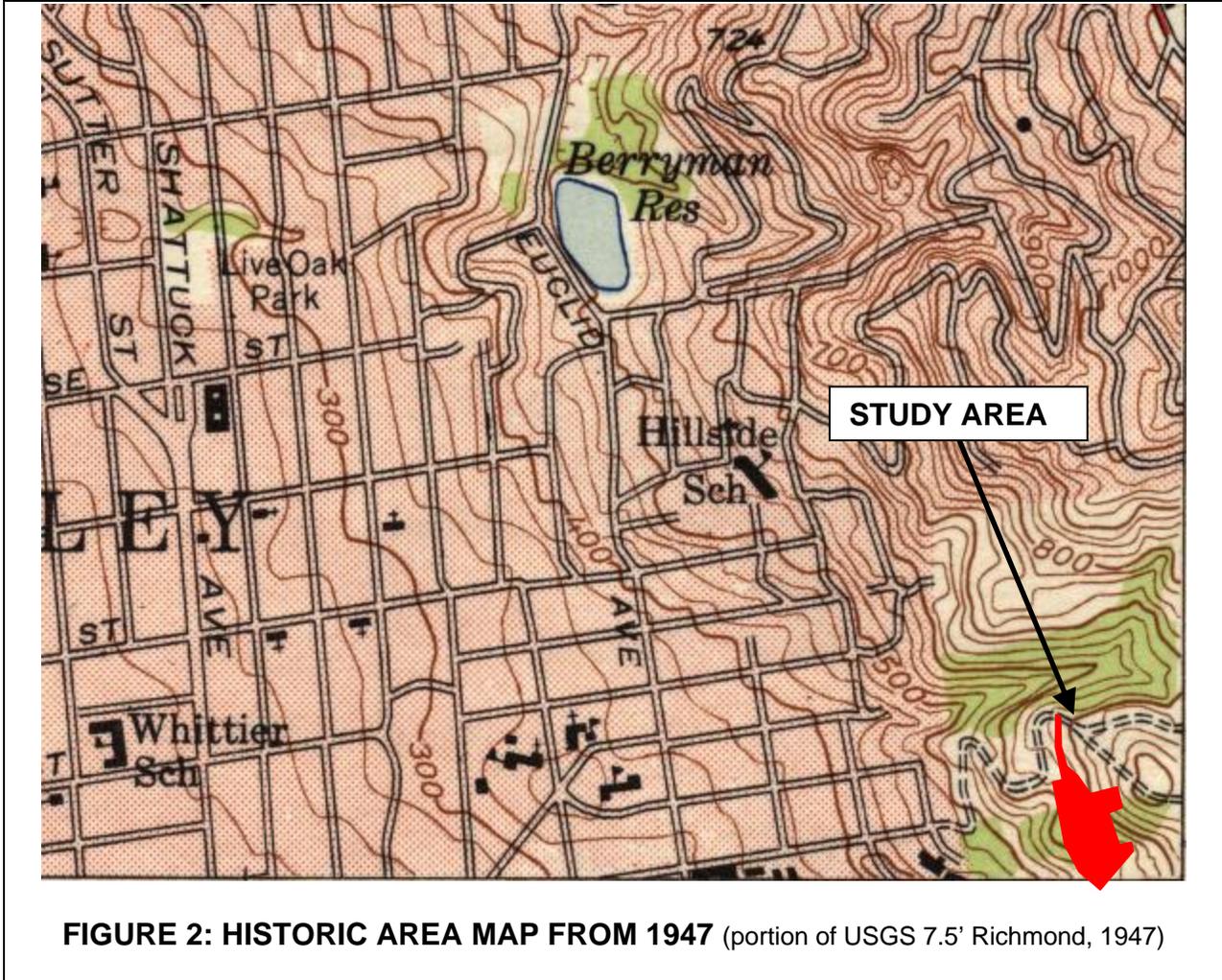
United States Department of Agriculture – Natural Resource Conservation Service

2007 Web Soil Survey, Alameda County, California, Western Part Version date: 12/14/2007

Windmiller, Ric

2001 Historic Architectural Survey Report, AT&T Wireless Services Site ID# 9600063581 Lawrence Berkeley Lab (Bldg 50), Cyclotron Road, Berkeley, Alameda County, California. Manuscript on file (file #S-8719) at the Northwest Information Center of the Historical Resources Information System, Rohnert Park, CA.





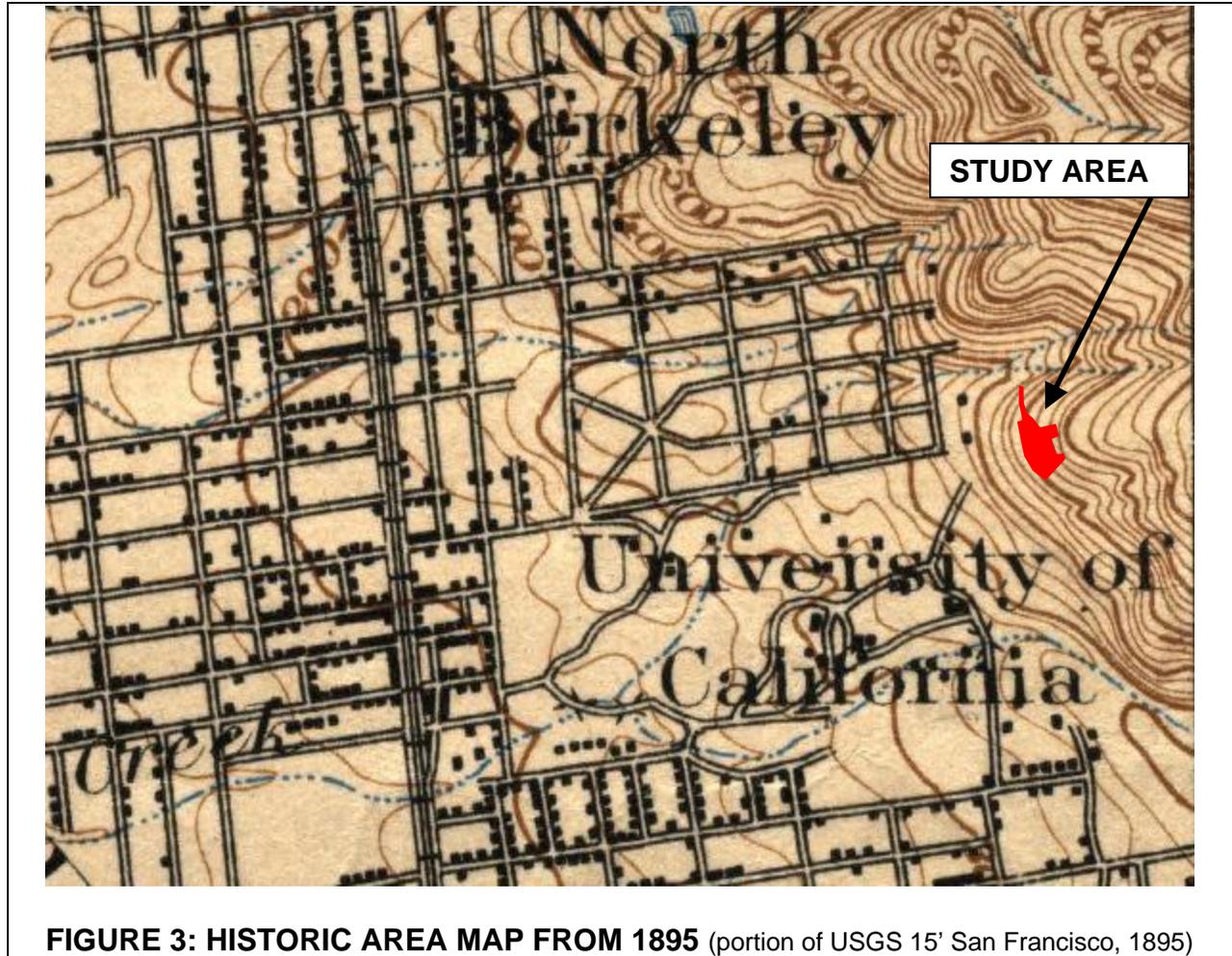
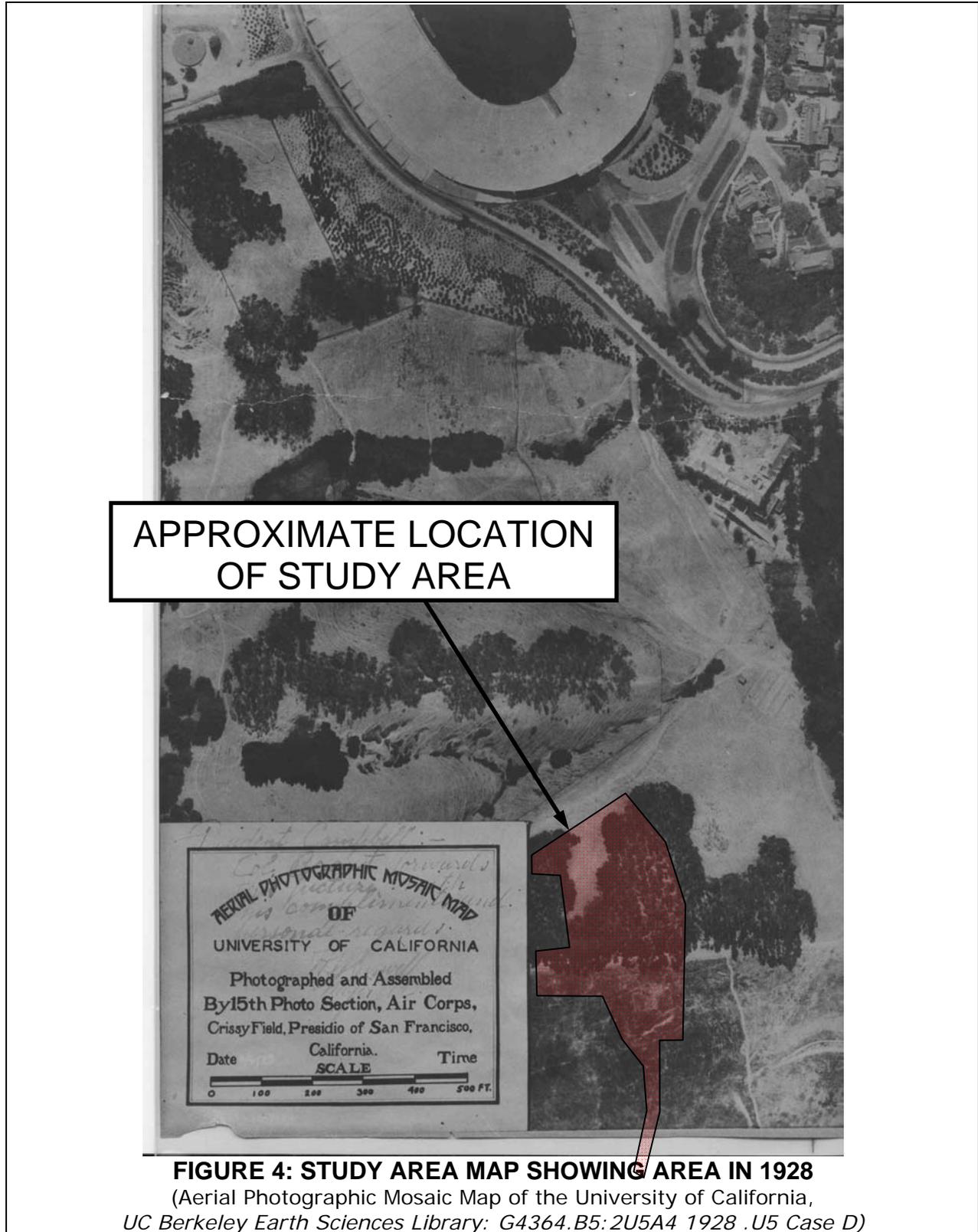


FIGURE 3: HISTORIC AREA MAP FROM 1895 (portion of USGS 15' San Francisco, 1895)





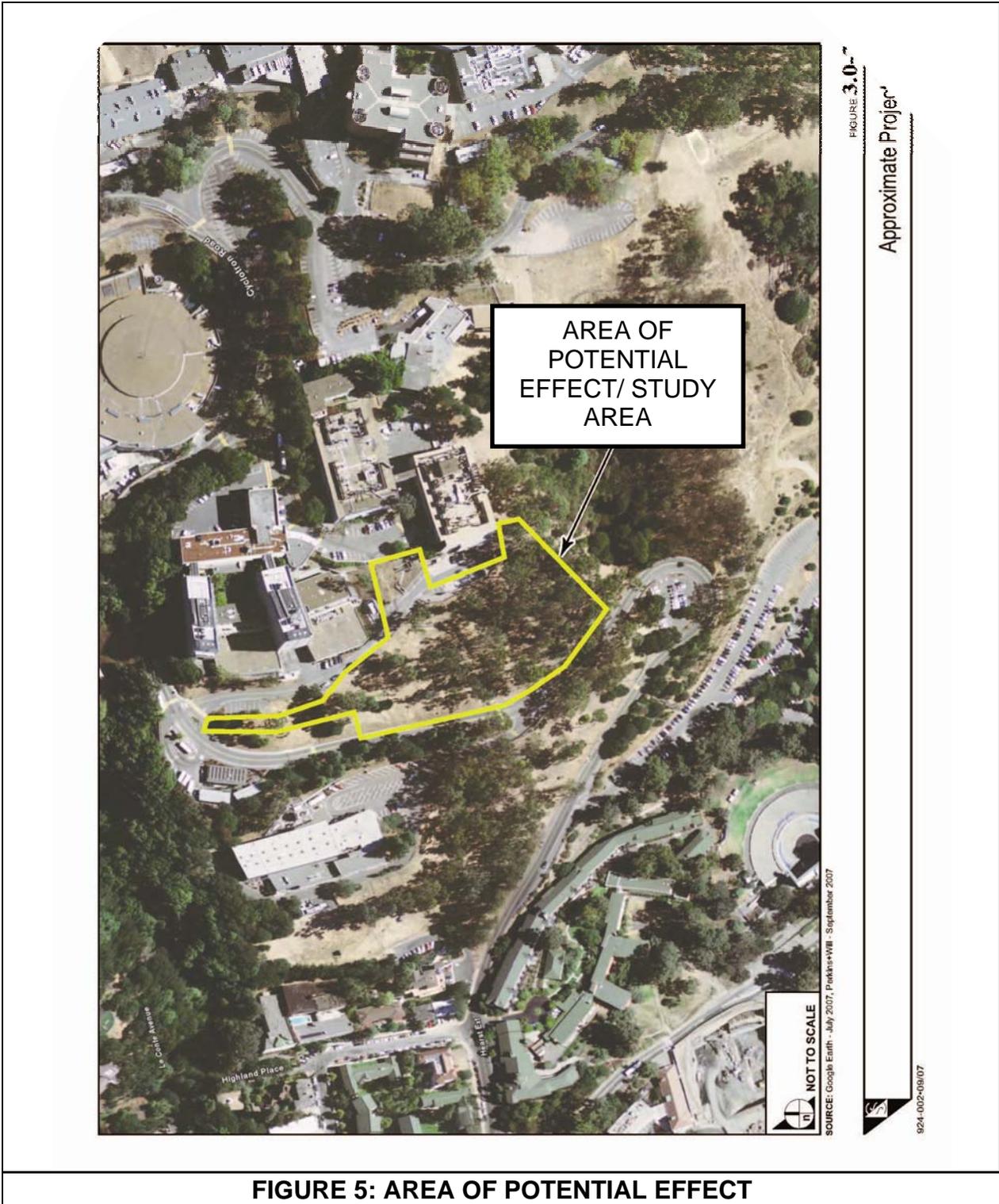


FIGURE 5: AREA OF POTENTIAL EFFECT



Résumés of Researchers



Mr. Dexter has eighteen years of experience in the cultural resource management field with specialization in prehistoric and historic archaeology, and has been with Condor Country Consulting since 2005.

Mr. Dexter has directed archaeological site testing programs and data recovery excavations, large-scale archaeological reconnaissance surveys, numerous record searches, as well as the monitoring of construction projects. He has held responsibility for managing large projects in California Nevada and Florida, as well as the responsibility for consultation with the Nevada and California State Historic Preservation Offices. He has extensive experience as an interdisciplinary team member on numerous projects, and made significant contributions to a number of Environmental Assessments and Environmental Impact Statements to support National Environmental Policy Act activities. He has handled Native American Consultations with numerous federally and non-federally recognized Tribes throughout California and Nevada. He has also successfully managed Section 106 (National Historic Preservation Act) compliance/evaluation/review, contract development and administration, preparing/managing heritage resource inventories, preparing Civil Rights Impact Analyses, preparing heritage resource specialist reports for archaeological surveys & site evaluations, and producing interpretive displays. Mr. Dexter has authored specialist reports and selected chapters of California Environmental Quality Act documents including Environmental Impact Reports, fatal flaw analyses, negative declarations, and initial studies.

EDUCATION University of California, Santa Cruz, B.A., Anthropology, 1992
California State University, Chico, Anthropology (M.A. graduate coursework complete, ABT) 1994-1998

WORK HISTORY

- **Principal Archaeologist/Chief Financial Officer**, Condor Country Consulting, Martinez, CA (07/05-Present)
Mr. Dexter is responsible for business management and development, project management, biological support, and archaeological aspects of our consulting business.
- **Senior Archaeologist/Project Manager**, URS Corporation (formerly Woodward Clyde Consultants), Oakland, CA (04/97-07/05)
- **Archaeologist (GS-9)**, USDA-Forest Service-Lake Tahoe Basin Management Unit, South Lake Tahoe, CA. (05/95 - 03/97)
- **Archaeological Technician**, Dames & Moore, Chico, CA (03/96 - 06/96)
- **Staff**, Department of Anthropology, Archaeological Research Facility & Northeast Information Center of the California Historical Resource Information System, California State University, Chico, CA (10/93 - 05/95)
- **Archaeologist (GS-7)**, USDA-Forest Service-Lassen National Forest, Almanor & Eagle Lake Ranger Districts, Chester & Susanville, CA (06/94 - 05/95)
- **Archaeologist (GS-5, 7)**, USDA-Forest Service-Eldorado National Forest, Amador Ranger District, Pioneer, CA (06/92 - 09/93)

PROJECT SPECIFIC EXPERIENCE

Linear Facilities – Pipelines, Transmission Lines, Transportation Projects

- **Principal Archaeologist, Vasco Road Safety Improvements, Byron, CA, Contra Costa County Public Works Department, 2006-10, 600k.** Principal Archaeologist and Project Manager for archaeological and biological reconnaissance of a highway improvement project.
- **Principal Archaeologist, State Route 4 Willow Ramp Realignment, Hercules, CA, City of Hercules, 2009, 10k.** Principal Archaeologist for archaeological reconnaissance of a highway improvement project.



- **Principal Archaeologist, Golden Gate Bridge Security Project – North Side, Sausalito, CA, Golden Gate Bridge Highway and Transportation District, 2006, 15k.** Performed archival research, surveys, site recordation and evaluations, authored National Park Service 5x review documents, and monitored activities near Lime Point.
- **Principal Archaeologist, Golden Gate Bridge Retrofit Cleanup Project – South Side, San Francisco, CA, Golden Gate Bridge Highway and Transportation District, 2007-8, 7.5k.** Performed archival research and monitored activities at Fort Point.
- **Co-Principal Investigator, Field Director and Assistant Project Manager, San Francisco-Oakland Bay Bridge East Span Seismic Safety Project, California Department of Transportation, San Francisco, CA, Parsons Brinkerhoff/California Department of Transportation, Subcontract, 1997-2009, 1.5M+:** Authored Extended Phase I Testing Report, Determinations of Eligibility, Research Design & Treatment Plan for sites on Yerba Buena Island. Field Director and Co-Principal Investigator for large-scale data recovery project on Yerba Buena Island (CA-SFR-04/H). Authored sections of Phase III excavation report.
- **Project Manager, State Route 4 Bypass Segment 3, Brentwood, CA, State Route 4 Bypass Authority, 2006-7, 75k.** Project Manager for biological monitoring program of a highway construction project in the Delta.
- **Co-Principal Investigator, Field Director, Lake Tahoe Environmental Improvement Program, California Department of Transportation, Sacramento, CA, URS/California Department of Transportation, Subcontract, 2006-Present, 75k:** Field Director and Co-Principal Investigator for large-scale archaeological survey project for US50 and SR89 within El Dorado County. Authored technical report.
- **Co-Principal Investigator, Field Director, State Route 299 Buckhorn Grade Improvement Program, California Department of Transportation, Sacramento, CA, URS/California Department of Transportation, Subcontract, 2006-Present, 75k:** Field Director and Co-Principal Investigator for large-scale archaeological survey and Extend Phase I testing programs at CA-SHA-4169 and -4171 project for SR299 within Shasta County. Authored technical reports.
- **Principal Archaeologist, Byron Airport Master Plan, Byron, CA, Contra Costa County Division of Airports, 2005, 10k.** Principal Archaeologist and Project Manager for archaeological reconnaissance of an airport improvement project. Authored technical report.
- **Project Manager, Orwood Bridge Replacement, Brentwood, CA, Contra Costa County Public Works Department, 2004 75k, 2010 10k.** Project Manager for archaeological reconnaissance and architectural evaluation of an historic bridge in the Delta. Authored technical report.
- **Task Manager/Cultural Resource Specialist, Cal Park Hill Tunnel Rehabilitation and Bikeway Design Project, San Rafael, CA, Marin County Department of Public Works, 2002-2004, 350k.** Task manager for the archaeological and architectural reconnaissance of an abandoned railroad corridor and tunnel. Authored technical report.
- **Assistant Project Manager/Field Director, Vallejo Mill Excavation – State Route 238 (Mission Boulevard) Improvement Project, Fremont, CA, Alameda County Transportation Agency, 1994-2005, 300k+** Jointly authored technical report and directed historic archaeological excavation at General Vallejo's 1860s mill site in Fremont (Niles), California.
- **Task Manager, Eureka/Arcata US 101 Corridor Safety Improvement Project, California Department of Transportation, Eureka, CA, California Department of Transportation, Environmental On-Call, 2002-2005, 1M:** Task Manager for archaeological reconnaissance between Eureka and Arcata, and Extend Phase I testing program at CA-HUM-48.
- **Cultural Resource Specialist, UC Merced, University of California, Merced, CA, University of California, Merced, 2001-2004, 1M+:** Performed Class I inventory for new campus site. Participated in preparation of cultural resources section of EIR.
- **Cultural Resource Specialist, Merced Campus Parkway, Merced County Department of Public Works, 2001 – 2003, 1.4M:** Directed Class I surveys for proposed Merced Campus Parkway transportation project. Supervised crews, evaluated sites, and managed architectural historian survey efforts.
- **Cultural Resource Specialist, Florida Overland Express (FOX) High-Speed Rail, St. Petersburg, FL, State of Florida - Department of Transportation, 1998-2000, 2M+:** Designed, performed, and authored fatal flaw

analysis for archaeological and built environment resources along study, corridors for entire FOX system. Performed field inventories and located sites/historic buildings using GPS.

- **Cultural Resource Specialist, Tasman Light Rail Line Extension, , Mountain View, CA, Santa Clara Valley Transportation Authority, 1995-2000, 100k+:** Performed archaeological monitoring during phases of construction of light rail system. Coordinated and performed archaeological testing program at prehistoric site within light rail corridor.
- **Cultural Resource Specialist, Malin-Round Mountain Power Transmission Line, Malin, OR - Round Mountain, CA, US Department of Energy - Western Area Power Administration, 1995-1997, 100k:** Comprehensive cultural resources overview and survey, and author of technical report for a 96-mile transmission line in Northeastern California.
- **Cultural Resource Specialist, Otay Mesa Generating Project, Otay Mesa, CA, U.S. Generating Company, 1999, 500k+:** Responsible for preparing portions of cultural resources, paleontological resources, and air quality chapters of Application for Certification (AFC) for the California Energy Commission (CEC).

Water Resources

- **Assistant Task Manager, Lower Guadalupe River Flood Control Project, Santa Clara Valley Water District, San Jose, California, Santa Clara Valley Water District, 1995-2005, 2M:** Directed field reconnaissance, archival research, managed subcontractors, authored numerous reports and Programmatic Agreement. Responsible for all Section 106 responsibilities, including OHP consultation, for this large-scale project by US Army Corps of Engineers.
- **Assistant Task Manager, Calaveras Dam Conceptual Engineering Project, Milpitas, CA, San Francisco Public Utilities Commission, 2004-2005, 1M+.** Directed field surveys and authored technical report for reconnaissance survey in southeastern Alameda County and northeastern Santa Clara County.
- **Task Manager, Paradise Dam Raising Environmental Fatal Flaw Review, Paradise, CA, Paradise Irrigation District, 2002, 50k.** Prepared environmental review document for biological, water quality/floodplain, air quality, hazardous waste, cultural resources, and relocation sections of review document.
- **Task Manager/Lead Cultural Resources Specialist, Almaden Dam Intake Valve Replacement and Seepage Mitigation Project, San Jose, CA, Santa Clara County Valley Water District, 2002-2005, 500k.** Author of cultural resources technical report and EIR section for a dam modification project in Santa Clara County.
- **Cultural Resources Specialist, Chowchilla Flood Control Project, Chowchilla, CA, Federal Emergency Management Agency, 1998-2005, 500k+.** Directed field surveys, evaluated historic properties, and authored technical report for reconnaissance survey in the San Joaquin Valley.
- **Cultural Resources Specialist, Susanville Flood Control Project, Susanville, CA, Federal Emergency Management Agency, 1998, 500k+.** Performed auger testing program for proposed floodwall and stream channel reconstruction in Susanville, California. Authored technical report for FEMA and the California Office of Historic Preservation.
- **Cultural Resources Specialist, Ferndale Flood Control Projects, Ferndale, CA, Federal Emergency Management Agency, 1998, 500k.** Performed historic archival research, and archaeological and architectural surveys for proposed stream channel reconstruction and sewage treatment plant relocation in Ferndale, California. Authored technical reports for FEMA and the California Office of Historic Preservation. These projects involved impacts to several contributing elements of the Ferndale National Register Historic District.

Other City, State, Federal Agencies

- **Principal Archaeologist, Lawrence Berkeley National Laboratory, Oakland and Berkley, CA, 2009-2010, 15k.** Performed archival research and surveys for a two new research facilities.
- **Principal Archaeologist, Gallery at Central Park, City of Santa Clara Planning Department, 2009, 1.5k.** Performed archival research and survey for a new 806 housing unit development in the City of Santa Clara.
- **Project Manager, Bay Street Emeryville Phase B, Emeryville, CA, City of Emeryville, 2005, 30k.** Project Manager for archaeological reconnaissance and geotechnical boring monitoring program at the expansion of a commercial development site in Emeryville, CA. Authored technical report.

- **Assistant Project Manager, Baker Beach Disturbed Areas Restoration Project, San Francisco, CA, Presidio Trust, 2004-Present, 250k.** Assistant project manager for inventory, evaluation, testing program, and treatment of National Landmark historic batteries on the coastal bluffs of San Francisco.
- **Project Manager, Castle Rock State Park Rock Art Survey, Woodside, CA, California Department of Parks and Recreation, Fixed Fee, 2002, 50k:** Project Manager for archaeological reconnaissance of rock art sites in the Coast Range near Woodside, CA.
- **Field Director, Emeryville Shellmound (CA-ALA-309) Data Recovery Excavation Project, City of Emeryville, CA, City of Emeryville Redevelopment Agency, 2000-2005, 1.3M:** Field Director for large scale six-month excavation of one of the largest prehistoric shell mounds in the San Francisco Bay Area. Site Safety Officer for excavation phase – site was contaminated with hazardous substances and all work had to be conducted following OSHA rules for hazardous waste workers. Currently completing lithic analysis and authoring several sections of overall site report.
- **Task Manager/Lead Cultural Resource Specialist, East Bay Regional Parks District Fire Mitigation Projects Surveys, Oakland, CA, Federal Emergency Management Agency, 2000-2002, 750k:** Directed field surveys, evaluated historic properties, and authored technical report for 1,400 acre reconnaissance survey.
- **Task Manager/Lead Cultural Resource Specialist, Montezuma Ridge Fire Mitigation Project, Nevada City, CA, Federal Emergency Management Agency, 2000-2002, 750k:** Directed field surveys, evaluated historic properties, and authored technical report for project.
- **Task Manager/Lead Cultural Resource Specialist, Oakland Army Base Redevelopment Area Environmental Impact Report, City of Oakland, CA, City of Oakland, 2002-2003, 1M+:** Lead cultural resource specialist for EIR effort. Performed class I efforts, manages architectural historian, and authored cultural resources sections of programmatic EIR for the redevelopment area.
- **Lead Cultural Resource Specialist, Treasure Island/Yerba Buena Island Environmental Impact Report, City of San Francisco, CA, City of San Francisco, 2002-2003, 75k:** Lead cultural resource specialist for programmatic EIR efforts. Authored cultural resources sections.
- **Resource Specialist, Cave Rock Management Plan, Lake Tahoe Basin Management Unit, South Lake Tahoe, CA:** As an employee of the US Forest Service, Mr. Dexter assisted in preparation of Civil Rights Impact Analysis and National Environmental Policy Act documentation to implement Forest closure of Traditional Cultural Property to rock climbing.
- **Crew Chief, Secret Cove Cabin Passport-In-Time Project, Lake Tahoe Basin Management Unit, South Lake Tahoe, CA:** As an employee of the US Forest Service, Mr. Dexter acted as crew chief on excavation of two overseas Chinese cordwood cutter cabin sites on east shore of Lake Tahoe in Nevada. Mapped site locations and boundaries using GPS.
- **Task Manager, Pioneer Ecosystem Management Project, Lake Tahoe Basin Management Unit, South Lake Tahoe, CA:** Supervised in-service field activities, and administered all phases of external survey contract for large scale Ecosystem Management project. Recorded a complex of overseas Chinese cordwood cutter cabin sites, and recorded locations using GPS.

Industrial Plants/Facilities

- **Principal Archaeologist, Lawrence Berkeley National Laboratory, Oakland and Berkley, CA, 2008-2010, 15k.** Performed archival research, surveys, and authored Section 106 compliance documents for the Helios and Computational Research and Theory facilities.
- **Principal Archaeologist, Emergency Discovery, Ironhouse Sanitation District, Oakley, CA, 2009, 1k.** Identified and recovered inadvertently discovered human remains in Oakley, CA during a pipeline project.
- **Principal Archaeologist, Storm Water Runoff Improvement Project, University of California at Santa Cruz, Physical Planning and Construction, Santa Cruz, CA, 2008, 5k.** Performed archival research and recorded archaeological sites at UC Santa Cruz campus.
- **Principal Archaeologist, Palos Verde Mall, Carstens Realty, Walnut Creek, CA, 2007, 2k.** Performed archival research and survey for redevelopment of commercial property.

- **Principal Archaeologist, Bay Point Subdivision, Ed Johnston, Bay Point, CA, 2006, 1 k.** Performed archival research and survey for redevelopment of residential property.
- **Principal Archaeologist, Cupertino Capital Subdivision, Cupertino Capital, Bay Point, CA, 2008, 1k.** Performed archival research and survey for redevelopment of residential property.
- **Principal Archaeologist, Davis Park Project, City of San Pablo, San Pablo, CA, 2008, 4k.** Performed archival research and survey for redevelopment of city park.
- **Principal Archaeologist, Ticonderoga Subdivision, San Mateo County, San Mateo, CA, 2007, 2.5k.** Performed archival research and survey for redevelopment of residential property.
- **Principal Archaeologist, Sacramento Natural Gas Storage Project, California Public Utilities Commission, Sacramento and West Sacramento, CA, 2007-8, 2k.** Performed peer review of applicant technical report and authored sections of Initial Study/Mitigated Negative Declaration.
- **Principal Archaeologist, Central Valley Natural Gas Storage Project, California Public Utilities Commission, Princeton, CA, 2008, 2k.** Performed peer review of applicant technical report and authored sections of Initial Study/Mitigated Negative Declaration..
- **Principal Archaeologist, Morrison Creek Substation, California Public Utilities Commission, Smith River, CA, 2007, 2k.** Performed peer review of applicant technical report and authored sections of Initial Study/Mitigated Negative Declaration.
- **Cultural Resources Specialist, Golden Gate Bridge Seismic Safety & Lead Abatement Project, San Francisco and Sausalito, CA, Golden Gate Bridge Highway and Transportation District, 1999-2001, 100k.** Performed archival research, surveys, site recordation and evaluations, authored National Park Service 5x review documents, and monitored activities near Fort Point and Lime Point.
- **Task Manager/Cultural Resource Specialist, Emergency Response Team, Richmond, CA, Chevron, On-Call, 2000-2005, 100k:** Currently part of the on-call response team for the Chevron global oil-spill response team. Certified for Shoreline Cleanup and Assessment (SCAT), and have participated in joint US Coast Guard/Chevron oil-spill drill (PrepEx) exercises in SF Bay and Eureka, CA, and the Spill of National Significance (SONS) exercise in Long Beach, CA as a Cultural Resource Specialist.
- **Task Manager/Cultural Resource Specialist, Valero Benicia Cogeneration Project, Benicia, CA, Valero Energy Corporation, 2002, 250k.** Responsible for preparing portions of cultural resources report for Application for Certification (AFC) for the California Energy Commission (CEC).
- **Cultural Resource Specialist, Pittsburg District Energy Facility (Los Medanos Energy), Pittsburg, CA, Enron Corporation, 1998-2000, 750k:** Conducted field surveys, historic property evaluation, and construction monitoring. Responsible for preparing portions of cultural chapter of the AFC for the CEC.
- **Cultural Resource Specialist, Verizon Wireless Cell Tower Sites, Various locations in California, Verizon Wireless, 2003-Present, 100k+.** Conducted archaeological surveys for numerous cell tower site locations in Northern California. Authored technical reports to comply with FCC requirements for permits.

SPECIALIZED TRAINING

- 1997-Present/Hazardous Waste Operations and Emergency Response Certificate
- 1993/Forest Service and Preservation Law/University of Nevada, Reno
- 1990/Archaeological Field School/University of California, Davis
- Proficient use of Trimble Global Positioning System, ESRI ArcGIS, and Microsoft Word/Excel.

PROFESSIONAL MEMBERSHIPS

- Association of Environmental Professionals (California)
- Society for California Archaeology
- Society for American Archaeology

PUBLICATIONS AVAILABLE UPON REQUEST

Mr. Cuellar has worked for Condor Country Consulting for five years as a construction monitor, principal investigator, and surface surveyor. He worked for over ten years on historic and prehistoric sites with other firms.

Mr. Cuellar prepares cultural resource surveys and investigations, coordinates with the California Office of Historic Preservation, conducts and/or supervises mitigation monitoring, photodocumentation and complete recordation of archaeological resources.

EDUCATION California State University, East Bay: M.A., Anthropology (archaeology), 2007
California State University, San Francisco: B.S., Business Management, 1994
Skyline College: A.A., Business, 1992

WORK EXPERIENCE

Staff Archaeologist, Condor Country Consulting, Martinez, CA (09/05-Present)
Archaeologist, URS Corporation, Oakland, CA (06/02-09/06)
Staff Archaeologist, Pacific Legacy, Berkeley, CA (06/00-12/01)
Staff Archaeologist, Ohlone Indian Tribe, Fremont, CA (09/98-05/00)

PROJECT SPECIFIC EXPERIENCE

- **Gordon Water Line, Fairfield, CA**
Mr. Cuellar directed the archaeological survey of a pipeline project in Solano County, and recorded prehistoric and historic archaeological sites.
- **Vasco Road Emergency Road Improvements Study, Byron, CA**
Under the direction of the principal investigator at Condor Country Consulting, he participated in the archaeological survey of a road improvement project in Contra Costa County, and recorded prehistoric and historic archaeological sites.
- **Byron Airport Master Plan Archaeological Surveys, Byron, CA**
Under the direction of the principal investigator at Condor Country Consulting, he participated in the archaeological survey of the airport parcel and recordation of prehistoric and historic archaeological sites.
- **Caltrans Lake Tahoe Environmental Improvement Program, El Dorado County, CA**
Under the direction of the principal investigator at Condor Country Consulting, he participated in the archaeological survey of the airport parcel and recordation of prehistoric and historic archaeological sites for all Caltrans State Route 89 and U.S. Highway 50 rights-of-way in the Lake Tahoe Basin of El Dorado County.
- **Golden Gate Bridge Highway & Transportation District Security Project, Marin County, CA**
Principal archaeological monitor for buried prehistoric and historic sites potentially affected by construction activities under the Golden Gate Bridge. Coordinated with construction crews and engineers on monitoring needs and schedule and maintained daily monitoring logs.
- **Caltrans State Route 299 Buckhorn Grade Realignment Project, Shasta and Trinity Counties, CA**
Under the direction of the principal investigator at Condor Country Consulting, he participated in the archaeological survey of the large study area as well as recordation of prehistoric and historic archaeological sites.

- **The Presidio Trust of San Francisco, CA**
As the principal Archaeologist he supervised a crew of about six during the excavation of 120 cubic yards of lead-contaminated soil around Building 49 in San Francisco's Presidio. Due to the high archaeological sensitivity around Building 49, all soils were screened and artifacts collected. This project required extensive report writing as well as the recording, measuring and drawing of newly discovered archaeological features.
- **Guadalupe River Flood Control Project**
Principal archaeological monitor for buried prehistoric and historic sites potentially affected by levee construction and biological mitigation along the river. Coordinated with construction crews and engineers on monitoring needs and schedule, maintained daily monitoring logs, responded to emergency discoveries, coordinated with Native American monitors.
- **Mission Boulevard Widening Project**
Principal archaeological monitor for road construction. Coordinated with construction crews, Native American monitor, addressed Native American concerns about potential discoveries, imposed a stop work order when engineering impinged on identified sensitive area, responded to emergency discoveries.
- **Yerba Buena Island Archaeological Project**
Archaeological excavator and mechanical excavation monitor on prehistoric site. In addition to archaeological excavation tasks, directed mechanical excavation of overburden and stratigraphic trenches, monitored for discoveries of human bone, coordinated with Native American monitors, responded to emergency discoveries.
- **Thesis Research at La Gobernaduria de Yucatan**
This has been ongoing research for the last four years. It involves research of Spanish Colonial documents found in various libraries and churches in the City of Merida in Yucatan. The research is aimed at collecting historical information about the cathedral of Merida, the oldest cathedral in the American Continent. The research involves the translation of old Spanish manuscripts into English, and extensive interaction with Mexican Government officials and members of the Mexican clergy.
- **Staff Archaeologist/Native American Representative for the Ohlone Indian Tribe**
Under the direction of the principal investigator he participated in the exposure and removal of over 300 Native American burials as recommended by the Mostly Likely Descendent (MLD) for CA-ALA-343 AND CA-ALA-600. He recorded inhumation data, sketched important features, and trained field technicians. Other duties included, extensive fiber optic monitoring within the Greater San Francisco Bay Region, burial washing for osteological studies, and the monitoring of heavy equipment for material cultural, human, and faunal remains.

CERTIFICATIONS/TRAINING

- Registered Professional Archaeologist (RPA) – Society for American Archaeology
- OSHA-HAZWOPER certification

Isolate Record P-01-011007

May 5, 2010



Condor Country Consulting, Inc.
411 Ferry St., Suite 6, Martinez, CA 94553
<http://www.condorcountry.com> tel:(925) 335-9308

PRIMARY RECORD

Primary # P-01-011007

HRI # _____

Trinomial _____

NRHP Status Code _____

Other _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

Resource Name or #: (Assigned by recorder) ISO-1

P1. Other Identifier: _____

*P2. Location: Not for Publication Unrestricted *a. County Alameda

and (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Richmond Date 1995 T 1S; R 3W; Portions of Rancho San Antonio, Vicente and Don Domingo Peralta; Mount Diablo B.M.

c. Address Vicinity of Building 70A, LBNL, Cyclotron Road City Berkeley Zip 94720

d. UTM: (Give more than one for large and/or linear resources) Zone 10, 565,777 mE/ 4,192,266 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

Isolated obsidian is located approximately 100 feet south (downslope) of the southwest corner of Lawrence Berkeley National Lab building 70A.

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

One fragment of red and black obsidian found on a steep side slope in a highly disturbed sheetwash. Despite looking intensively for over an hour in the immediate vicinity of this isolate, no other indicators of a prehistoric site were noted. It is probable that this is an imported item and/or deposited from the construction of Building 70A that is located upslope. The side of this hill is highly disturbed.

*P3b. Resource Attributes: (List attributes and codes) AP2 Lithics

*P4. Resources Present: Building Structure Object Site District Element of District
 Other (Isolates, etc.) Isolate

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Detail of isolate

*P6. Date Constructed/Age and Sources: Historic

Prehistoric Both

*P7. Owner and Address: Lawrence Berkeley National Laboratory
NEPA/CEQA Program
LBNL, Mail Stop 90K
1 Cyclotron Road
Berkeley, California 94720

*P8. Recorded by: (Name, affiliation, and address)
Sean Dexter, Armando Cuellar
Condor Country Consulting, Inc.
411 Ferry St., Suite 6
Martinez, CA 94553-1145

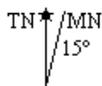
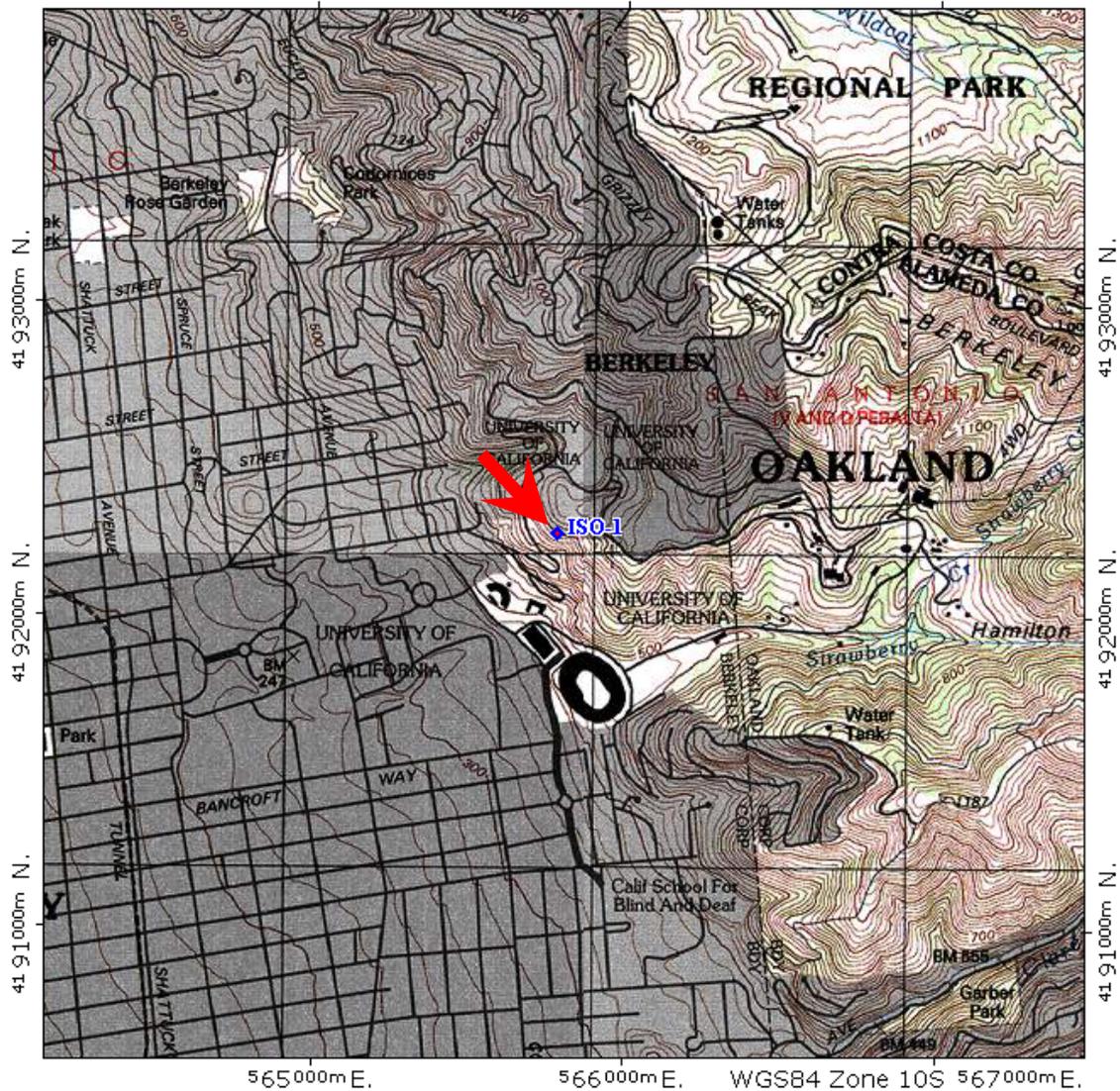
*P9. Date Recorded: 2/23/2010

*P10. Survey Type: (Describe)
Intensive Pedestrian
Reconnaissance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Dexter, Sean and Armando Cuellar, 2010, Archaeological Survey Report for Lawrence Berkeley National Laboratory CRT Project, City of Berkeley, Alameda County, California.

*Attachments: NONE Location Map Continuation Sheet Building, Structure, and Object Record
 Archaeological Record District Record Linear Feature Record Milling Station Record Rock Art Record
 Artifact Record Photograph Record Other (List): _____

Richmond, Oakland West, Oakland East, Briones Valley USGS Quadrangles
565000m E. 566000m E. WGS84 Zone 10S 567000m E.



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Section 106 Consultation Package

May 5, 2010



Condor Country Consulting, Inc.
411 Ferry St., Suite 6, Martinez, CA 94553
<http://www.condorcountry.com> tel:(925) 335-9308

04/15/2010 15:17 FAX 916 657 5390

NAHC

001/002

STATE OF CALIFORNIAArnold Schwarzenegger, Governor**NATIVE AMERICAN HERITAGE COMMISSION**

915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-6251
Fax (916) 657-5390
Web Site www.nahc.ca.gov
e-mail: ds_nahc@pacbell.net



April 15, 2010

Sean Dexter
Condor Country
411 Perry St.
Martinez, CA 94553

Sent by Fax: 925-231-0571
Number of Pages: 2

Re: Proposed Project # 00104, Alameda County

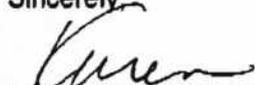
Dear Mr. Dexter:

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 653-4038.

Sincerely,

For

Debbie Pilas-Treadway
Environmental Specialist III

04/15/2010 15:17 FAX 916 657 5390

NAHC

002/002

Native American Contacts
Alameda County
April 14, 2010

Jakki Kehl
720 North 2nd Street
Patterson , CA 95363
jakki@bigvalley.net
(209) 892-1060

Ohlone/Costanoan

Muwekma Ohlone Indian Tribe of the SF Bay Area
Rosemary Cambra, Chairperson
PO Box 360791
Milpitas , CA 95036
muvekma@muvekma.org
408-434-1668
408-434-1673

Ohlone / Costanoan

Katherine Erolinda Perez
PO Box 717
Linden , CA 95236
(209) 887-3415

Ohlone/Costanoan
Northern Valley Yokuts
Bay Miwok

The Ohlone Indian Tribe
Andrew Galvan
PO Box 3152
Fremont , CA 94539
chochenyo@AOL.com
(510) 882-0527 - Cell
(510) 687-9393 - Fax

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

Amah/Mutsun Tribal Band
Irene Zwiertein, Chairperson
789 Canada Road
Woodside , CA 94062
amah_mutsun@yahoo.com
(650) 851-7747 - Home
(650) 851-7489 - Fax

Ohlone/Costanoan

Trina Marine Ruano Family
Ramona Garibay, Representative
16010 Halmar Lane
Lathrop , CA 95330
soaprootmo@msn.com
209-629-8619

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

Amah/Mutsun Tribal Band
Jean-Marie Feyling
19350 Hunter Court
Redding , CA 96003
amah_mutsun@yahoo.com
530-243-1633

Ohlone/Costanoan

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28
Hollister , CA 95024
ams@indiaqn.canyon.org
831-637-4238

Ohlone/Costanoan

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed project # 00104, Alameda County


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	Delivery Address	Package Info	Service	Price
1 of 9	MUWEKMA OHLONE INDIA PO BOX 360791 MILPITAS, CA 95036-0791	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7362 69				
2 of 9	KATHERINE PEREZ PO BOX 717 LINDEN, CA 95236-0717	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7363 37				
3 of 9	ANDREW GALVAN PO BOX 3152 FREMONT, CA 94539-0315	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7363 44				
4 of 9	ROMONA GARIBAY 16010 HALMAR LN LATHROP, CA 95330-9757	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7362 52				
5 of 9	MS. JAKKI KEHL 720 N 2ND ST PATTERSON, CA 95363-2154	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
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6 of 9	IRENE ZWIERLEIN 789 CANADA RD WOODSIDE, CA 94062-4106	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7362 90				
7 of 9	ANN MARIE SAYERS INDIAN CANYON MUTSUN PO BOX 28 HOLLISTER, CA 95024-0028 ams@garlic.com Ref#: 88-VASCO	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7362 76				
8 of 9	JEAN-MARIE FEYLING AMAH/MUTSUN TRIBAL B 19350 HUNTER CT REDDING, CA 96003-8638	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7362 83				
9 of 9	BERKELEY HISTORICAL PO BOX 1190 BERKELEY, CA 94701-1190	Ship Date: 03/31/10 Weight: 0lbs 2oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00 Label Total \$4.75
Delivery Confirmation™ Label Number: 9405 5036 9930 0190 7363 51				

Domestic Order Total: \$42.75



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Printed Domestic Labels

Transaction #: 165301777
 Charged to: VISA *****8793
 Labels Included: 1
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	Delivery Address	Package Info	Service	Price
1 of 1	MS. ANALEE ALLAN ALAMEDA COUNTY HISTO 484 LAKE PARK AVE PMB 307 OAKLAND, CA 94610-2730 Ref#: 104-CRT	Ship Date: 03/31/10 Weight: 0lbs 3oz From: 94553	Priority Mail Flat Rate Env Delivery Confirm.	\$4.75 \$0.00
			Label Total	\$4.75

Delivery Confirmation™ Label Number: **9405 5036 9930 0190 7622 68**

Domestic Order Total: \$4.75



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Ms. Katherine Erolinda Perez
PO Box 717
Linden, CA 95236-0717

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Perez,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL's Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

Ms. Katherine Erolinda Perez

March 31, 2010

Page 2

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley's academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

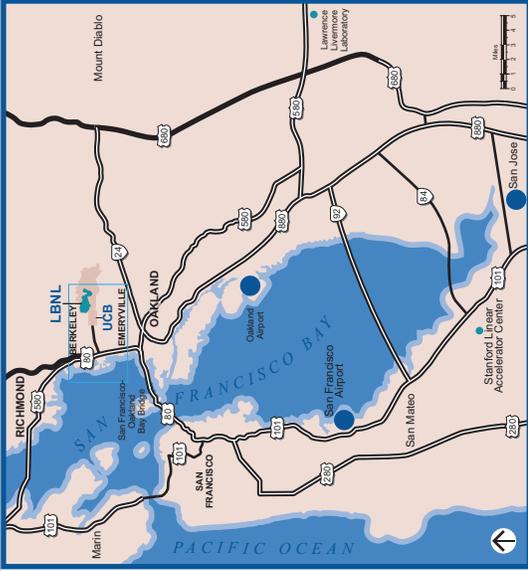
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

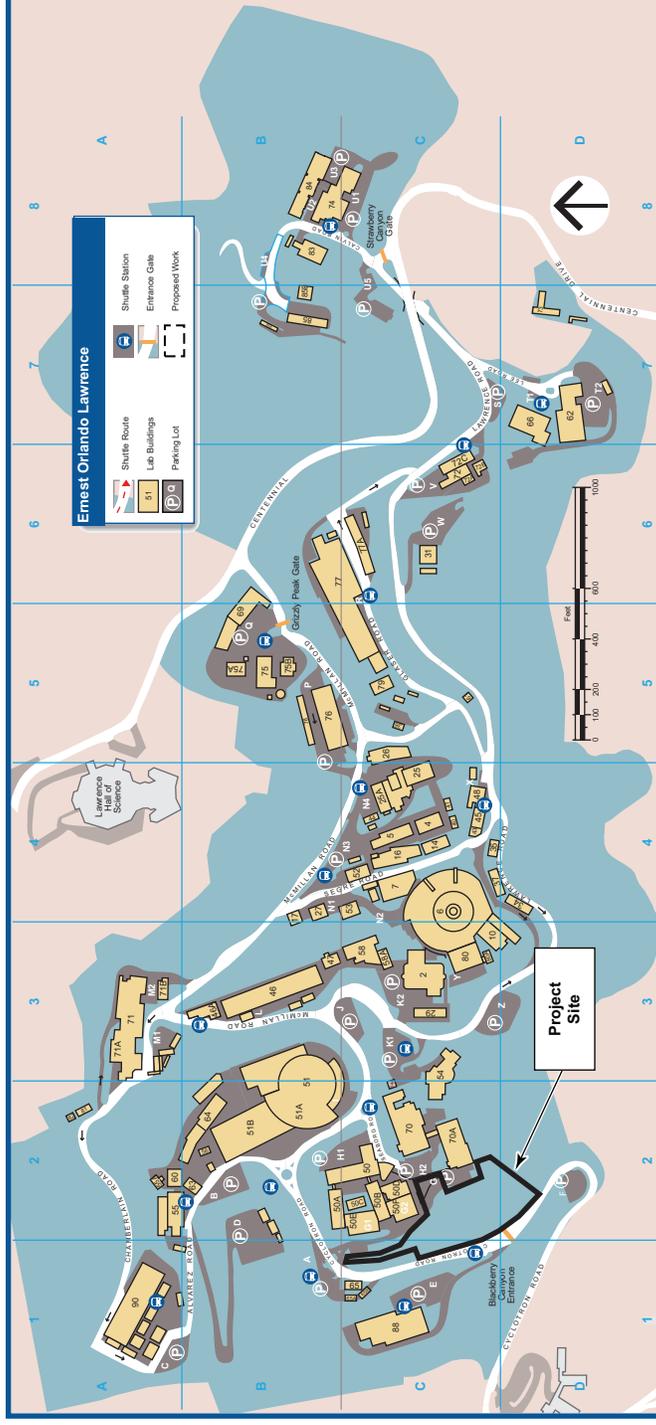
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

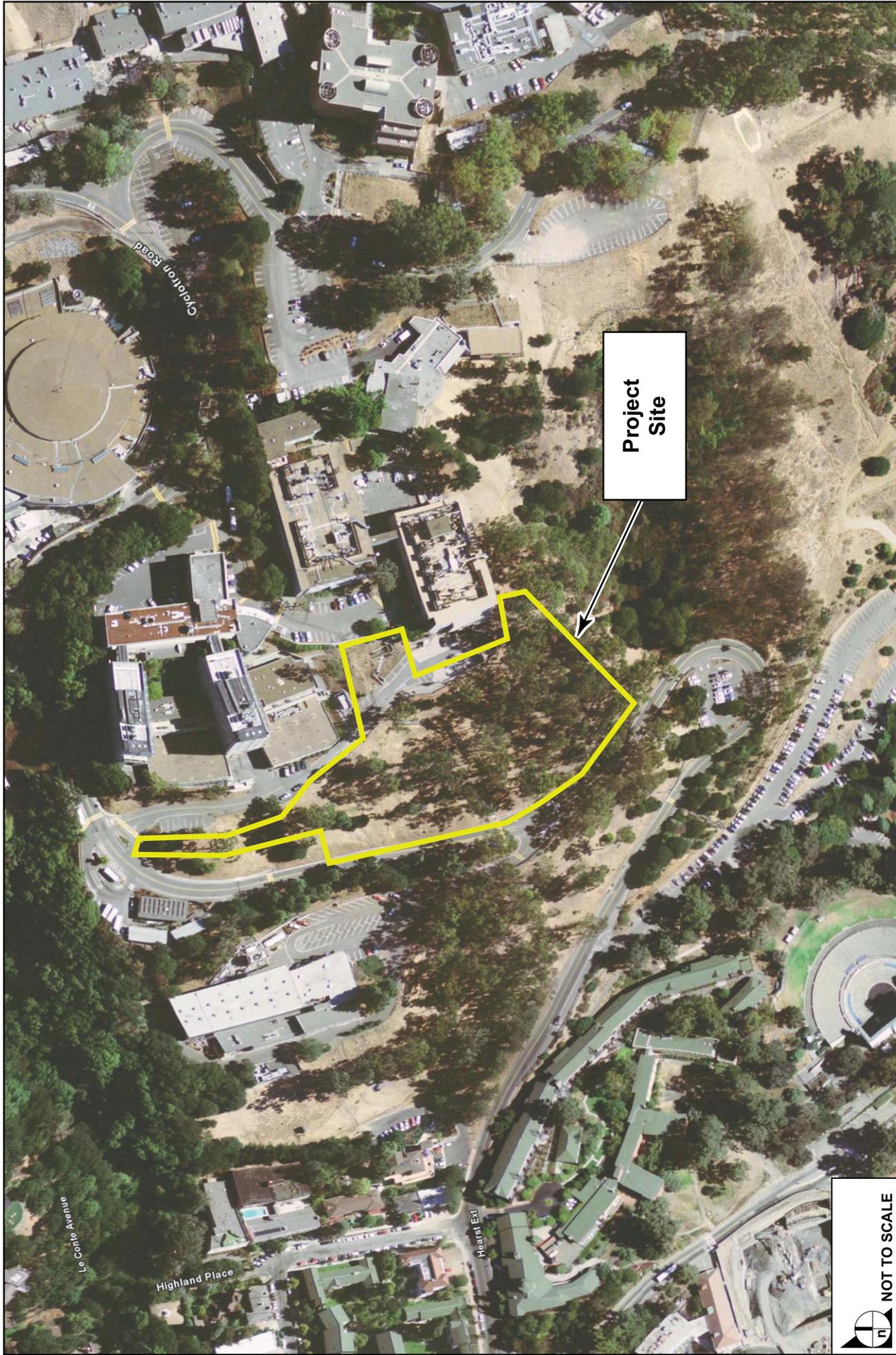


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



Project Site

SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

NOT TO SCALE

FIGURE 3.0-2

Approximate Project Site





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KATHERINE PEREZ
PO BOX 717
LINDEN, CA 95236-0717

Search Results

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Class: **Priority Mail®**
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Your item was delivered at 7:25 AM on April 1, 2010 in LINDEN, CA 95236.

Detailed Results:

- **Delivered, April 01, 2010, 7:25 am, LINDEN, CA 95236**
- **Arrival at Post Office, April 01, 2010, 7:16 am, LINDEN, CA 95236**
- **Processed through Sort Facility, April 01, 2010, 4:54 am, STOCKTON, CA 95213**
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United States Postal Service

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT building

DATE 3/30/10 TIME 2:38 PM
VIA Telephone WITH Katherine Erolinda Perez
COMPANY Ohlone/ Costanoan
ADDRESS PO Box 717 Linden, Ca 95236 PHONE NO. (209) 887-3415
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called Ms. Katherine Erolinda Perez on the 30th of March, 2010. He left a message asking if she received the packet sent to her by Mr. Sean Dexter regarding the Lawrence Berkeley National Laboratory CRT Building. Mr. Ratcliff also asked that Ms. Erolinda-Perez call Condor County Consulting, Inc. if she has any questions or comments on the project.

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT building

DATE 5/3/2010 TIME 2:31 PM
VIA Telephone WITH Katherine Erolinda Perez
COMPANY Ohlone/ Costanoan
ADDRESS PO Box 717 Linden, Ca 95236 PHONE NO. (209) 887-3415
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff made a follow-up call to Ms. Katherine Erolinda Perez on the Monday May 3, 2010. Nobody answered the phone, so he left a message asking Ms. Erolinda Perez to call Condor Country Consulting, Inc. if she had any questions regarding the packet sent to her by Sean Dexter. Also he said that if she didn't reply it would be assumed she had no comment on the project.



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Mr. Andrew Galvan
The Ohlone Indian Tribe
PO Box 3152
Fremont, CA 94539-0315

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Mr. Galvan,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL's Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

Mr. Andrew Galvan
March 31, 2010
Page 2

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley's academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

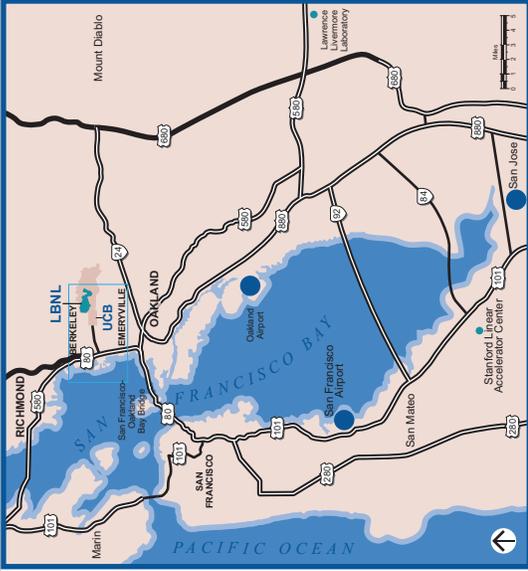
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

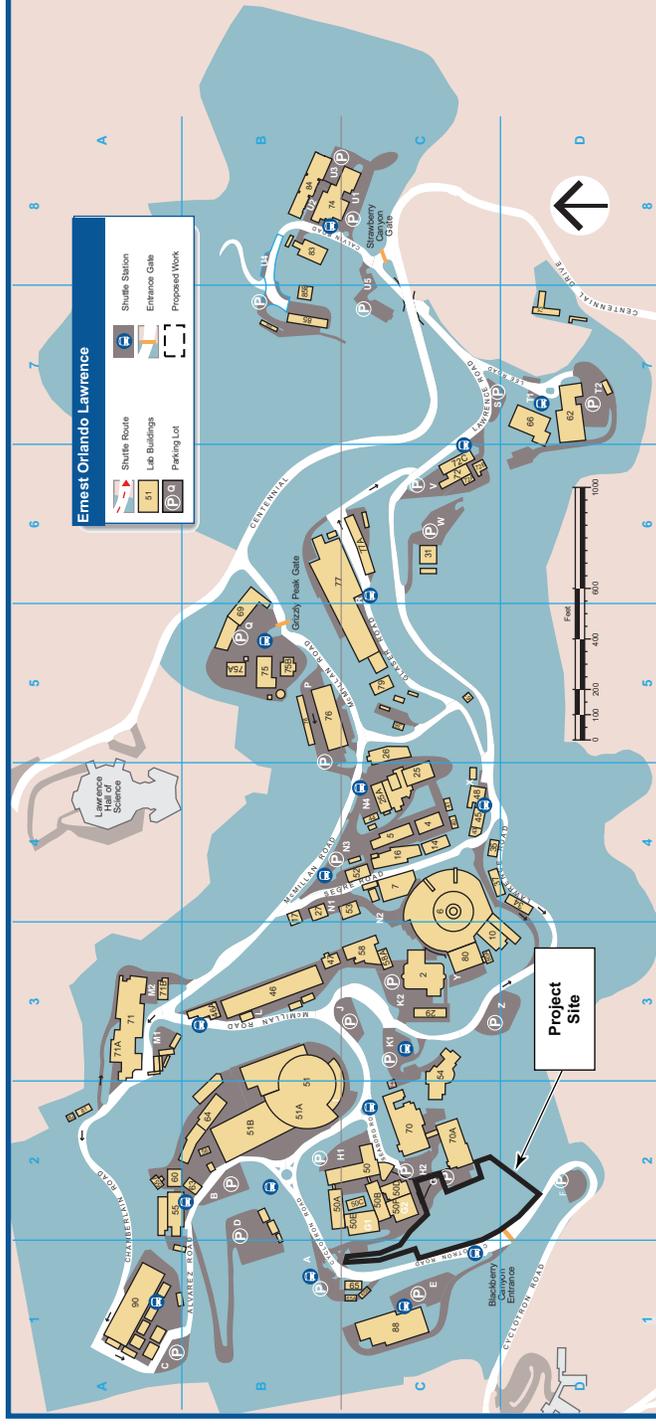
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

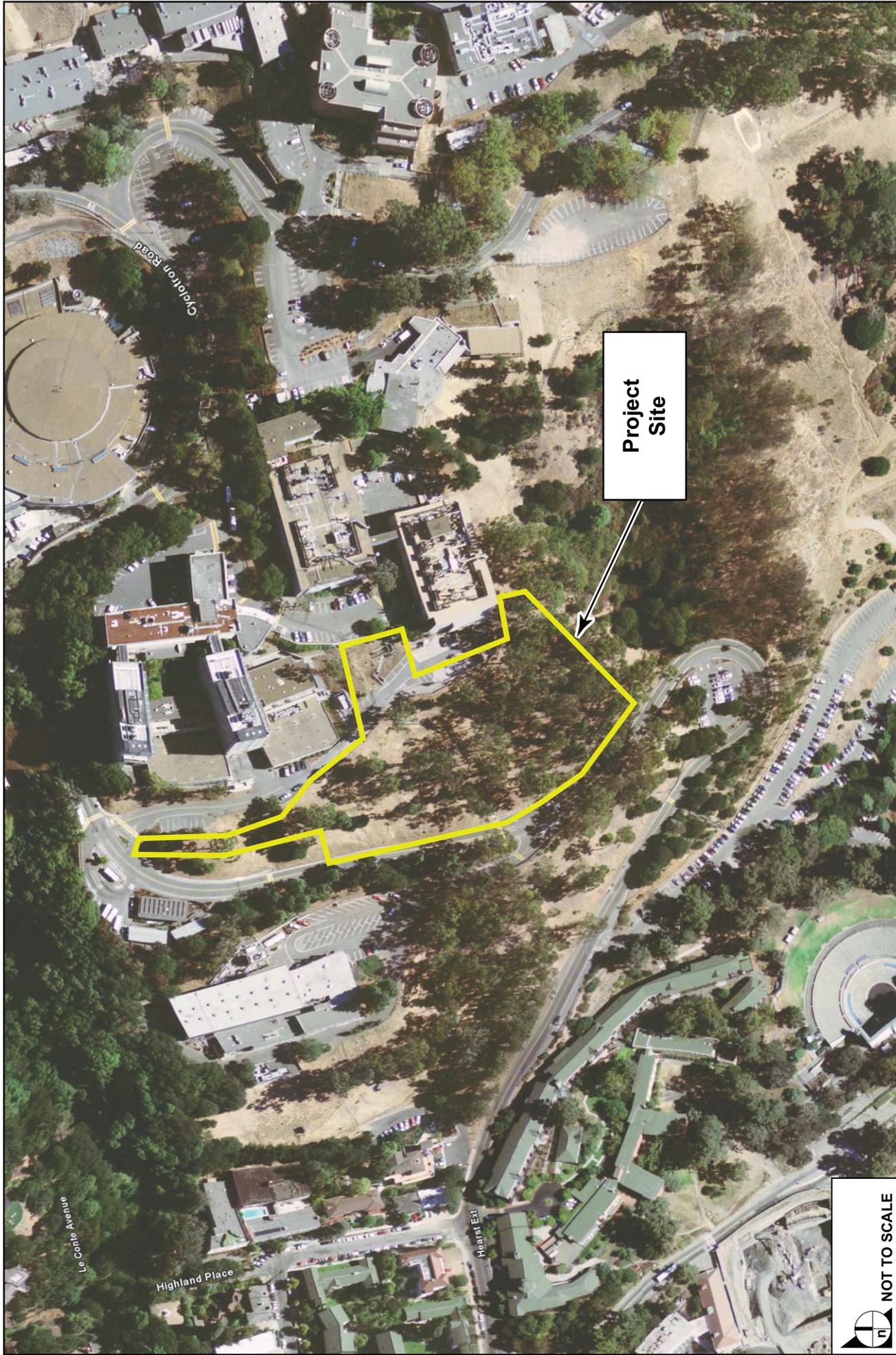


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



Project Site

SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

NOT TO SCALE

FIGURE 3.0-2

Approximate Project Site





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ANDREW GALVAN
PO BOX 3152
FREMONT, CA 94539-0315

Search Results

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Status: **Delivered**

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Detailed Results:

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- **Arrival at Post Office, April 01, 2010, 6:32 am, FREMONT, CA 94539**
- **Processed through Sort Facility, April 01, 2010, 12:12 am, OAKLAND, CA 94615**
- **Electronic Shipping Info Received, March 31, 2010**

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TELEPHONE CONVERSATION RECORD



Condor Country Consulting

411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104: LBNL CRT Building

DATE 5/3/2010 TIME 2:03 PM
VIA Telephone WITH Andrew Galvan
COMPANY The Ohlone Indian Tribe
ADDRESS PO Box 3152 Fremont, Ca 94539 PHONE NO. (510) 882-0527
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called Mr. Andrew Galvan at 2:03 on Monday May 3, 2010 to ask if he had any questions on the package sent to him by Mr. Sean Dexter regarding the Lawrence Berkeley National Laboratory CRT Building. Mr. Galvan wanted to know if a literature search and foot survey were completed, and if so what was found. Mr. Ratcliff told Mr. Galvan that both were completed and that a small piece of obsidian was found in a disturbed area on the project site. Mr. Galvan then asked what Mr. Sean Dexter's recommendation was, and Mr. Ratcliff told him, that the recommendation was "no further action necessary." To which Mr. Galvan replied, "I agree with Sean then."



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Representative Ramona Garibay
Trina Marine Ruano Family
16010 Halmar Lane
Lathrop, CA 95330-9757

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Representative Garibay,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

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Representative Ramona Garibay

March 31, 2010

Page 2

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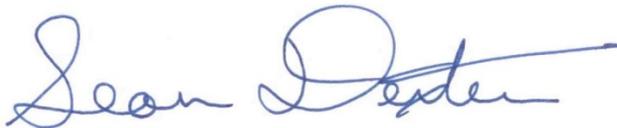
There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

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Thank you in advance for any assistance you can provide.

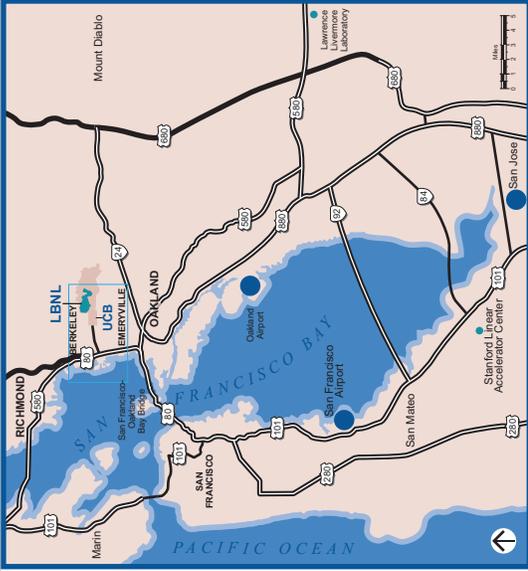
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

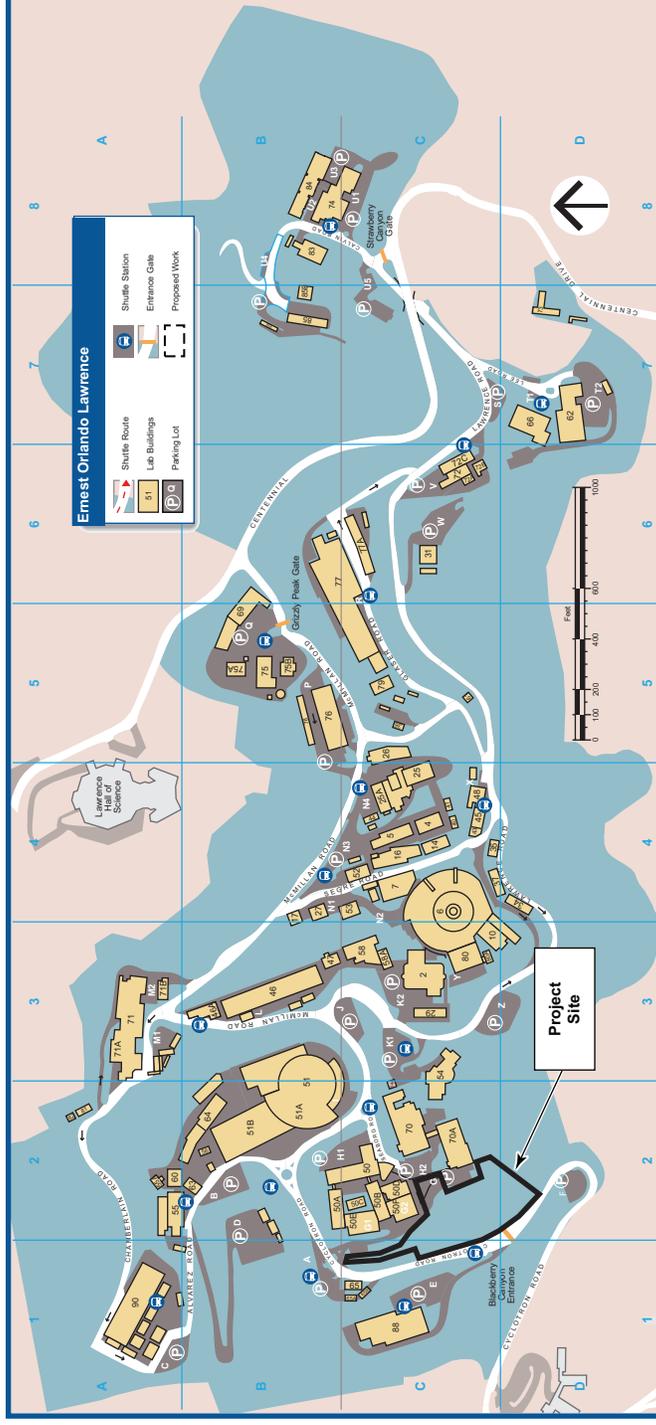
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

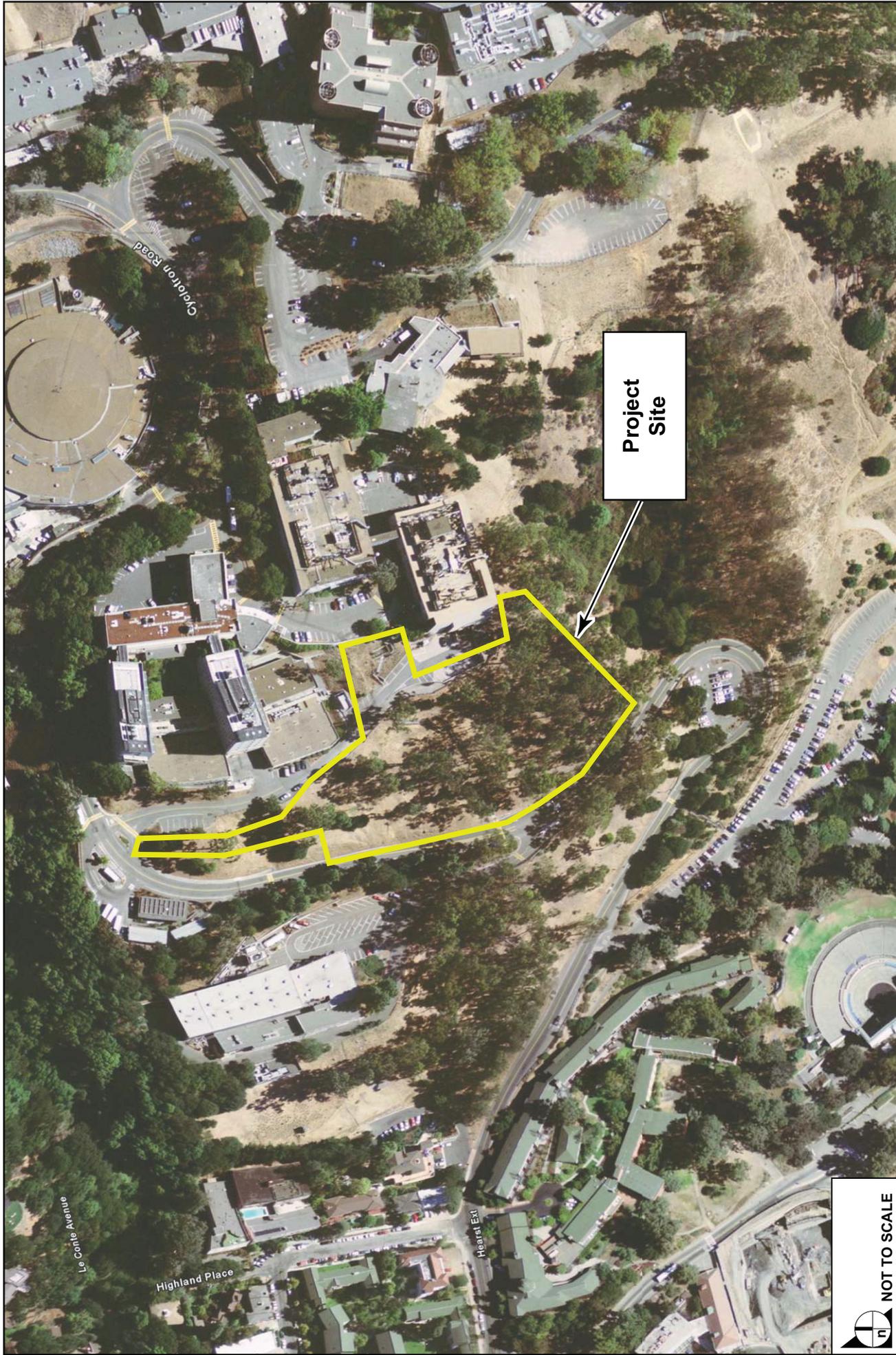


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

FIGURE 3.0-2

Approximate Project Site



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ROMONA GARIBAY
16010 HALMAR LN
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- **Arrival at Post Office, April 01, 2010, 5:51 am, LATHROP, CA 95330**
- **Processed through Sort Facility, April 01, 2010, 4:53 am, STOCKTON, CA 95213**
- **Electronic Shipping Info Received, March 31, 2010**

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TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT Building

DATE 3/30/10 TIME 2:44 PM
VIA Telephone WITH Ramona Garibay
COMPANY Trina Marine Ruano Family
ADDRESS 16010 Halmar Lane PHONE NO. 209 629-8619
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called Ms. Ramona Garibay to ask if she received the package sent to her by Mr. Sean Dexter about the Lawrence Berkeley National Laboratory CRT Building. Mr. Ratcliff left a message on a machine asking Ms. Garibay to call the Condor Country Consulting office if she has any questions or comments on the package sent to her.

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT Building

DATE 5/3/2010 TIME 2:39 PM
VIA Telephone WITH Ramona Garibay
COMPANY Trina Marine Ruano Family
ADDRESS 16010 Halmar Lane PHONE NO. 209 629-8619
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff made a follow- up call to Ms. Ramona Garibay on Monday May 3, 2010 to ask if she received the package sent to her by Mr. Sean Dexter about the Lawrence Berkeley National Laboratory CRT Building. Mr. Ratcliff left a message on a machine asking Ms. Garibay to call the Condor Country Consulting office if she has any questions or comments on the package sent to her, and saying that if she didn't respond it would be assumed that she had no comment on the project.



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Ms. Jakki Kehl
720 N 2ND ST
Patterson, CA 95363-2154

Subject: **Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.**

Dear Ms. Kehl,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL's Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

Ms. Jakki Kehl
March 31, 2010
Page 2

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley's academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

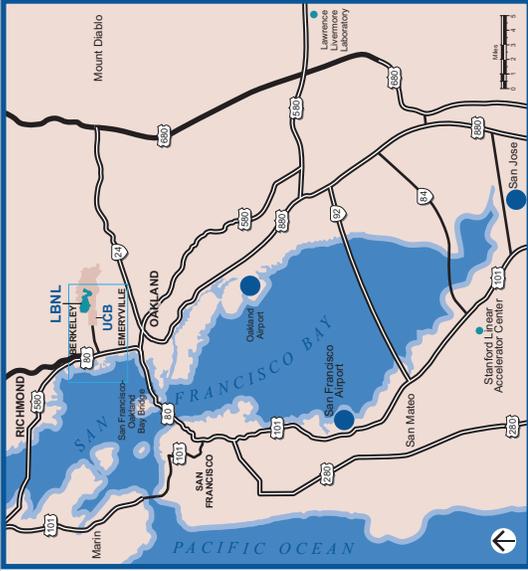
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

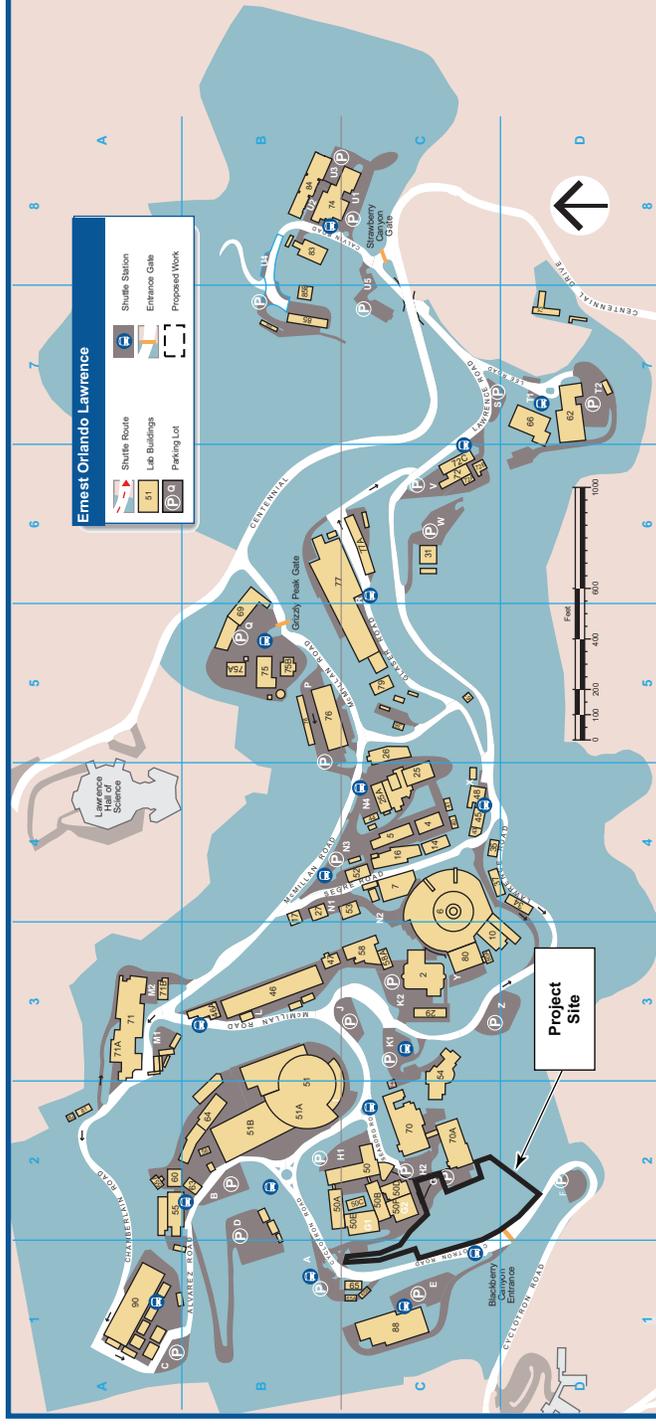
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

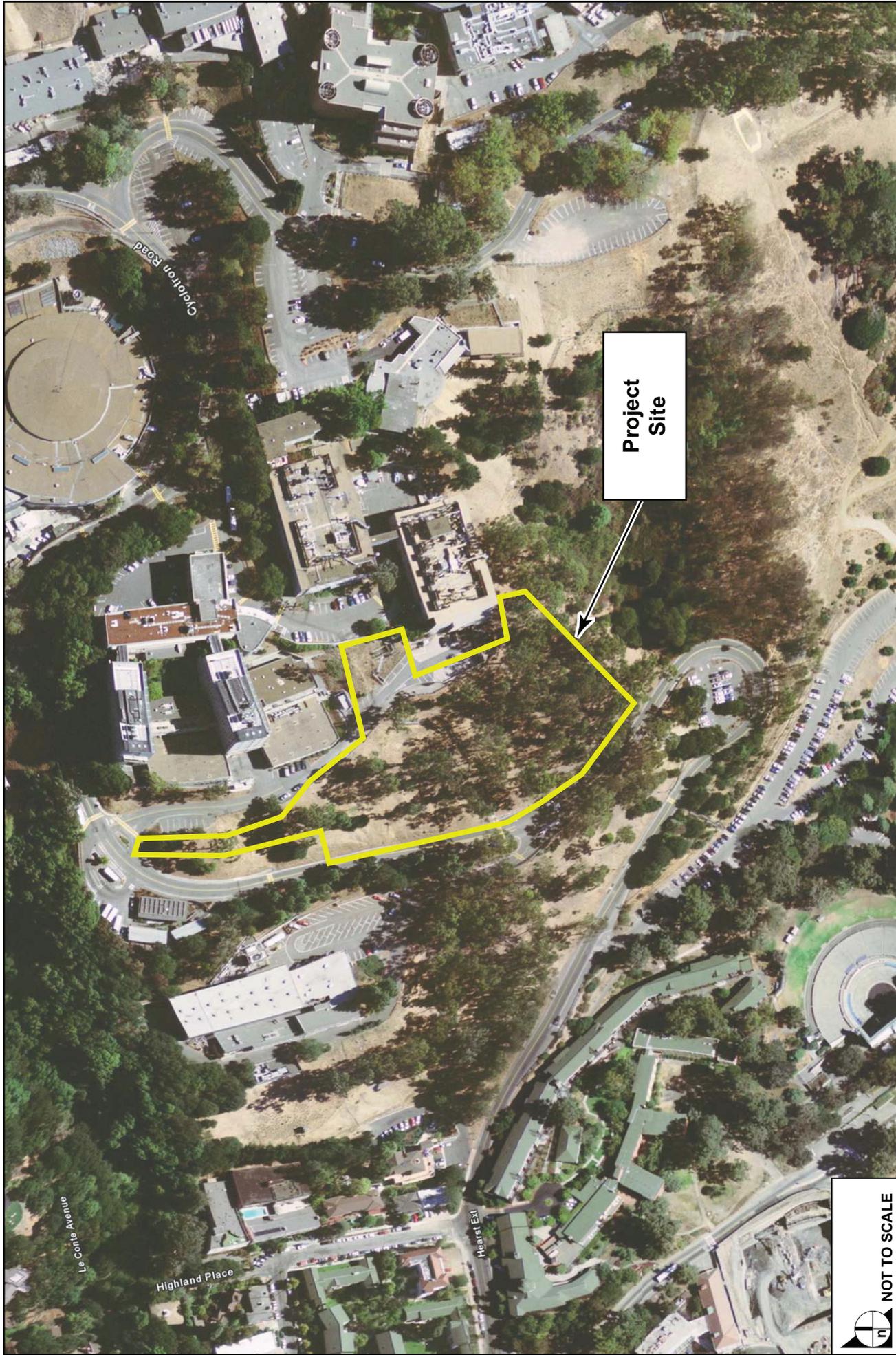


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



Project Site

SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

NOT TO SCALE

FIGURE 3.0-2

Approximate Project Site





[Track & Confirm](#)

[FAQs](#)

Track & Confirm

MS. JAKKI KEHL
720 N 2ND ST
PATTERSON, CA 95363-2154

Search Results

Label/Receipt Number: **9405 5036 9930 0190 7363 13**
Class: **Priority Mail®**
Service(s): **Delivery Confirmation™**
Status: **Delivered**

Your item was delivered at 9:19 AM on April 1, 2010 in PATTERSON, CA 95363.

Detailed Results:

- **Delivered, April 01, 2010, 9:19 am, PATTERSON, CA 95363**
- **Arrival at Post Office, April 01, 2010, 8:28 am, PATTERSON, CA 95363**
- **Processed through Sort Facility, April 01, 2010, 4:53 am, STOCKTON, CA 95213**
- **Electronic Shipping Info Received, March 31, 2010**

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1-800-ASK-USPS



1-800-4USPS

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT
Building

DATE 4/20/2010 TIME 15:55 PM
VIA Telephone WITH Jakki Kehl
COMPANY Ohlone/ Costanoan
ADDRESS 720 North 2nd St., Patterson, Ca 95363 PHONE NO. Cell (510) 701-3975
PROJ NAME Lawrence Berkeley Lab CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called Ms. Jakki Kehl on Tuesday April 20, 2010 to ask if she received the packet sent to her by Mr. Sean Dexter. She did not answer so a message was left on her answering machine asking that she call Condor Country Consulting, Inc. if she had any questions or about the Lawrence Berkeley Laboratory CRT Building.

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT
Building

DATE 5/3/2010 TIME 2:21 PM
VIA Telephone WITH Jakki Kehl
COMPANY Ohlone/ Costanoan
ADDRESS 720 North 2nd St., Patterson, Ca 95363 PHONE NO. Cell (510) 701-3975
PROJ NAME Lawrence Berkeley Lab CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called Ms. Jakki Kehl on Monday May 3, 2010 to ask if she received the packet sent to her by Mr. Sean Dexter. Ms. Kehl said that she did receive the packet and had looked at it, but not in detail. She asked if there were any Native American sites that would be impacted and Mr. Ratcliff told her that a record search was done and no sites were found within ¼ mile of the proposed construction. Ms. Kehl said that she would not comment on the project until she was better informed and would therefore review the packet sent to her by Mr. Sean Dexter and call Condor Country Consulting, Inc. if she had any questions or comments.



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Ms. Ramona Garabay
Muwekma Ohlone Indian Tribe of the SF Bay Area
PO Box 360791
Milpitas, CA 95036

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Garabay,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL's Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

Ms. Ramona Garabay
March 31, 2010
Page 2

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley's academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

There are several known prehistoric and historic archaeological sites within ½-mile of the study area. However, no previous archaeological and/or historical resources have been identified within the study area. There are no current plans to evaluate and/or to impact known sites or potentially historic buildings. In March of 2010, archaeologists from Condor Country Consulting inspected and surveyed the study area to assess the potential for any intact archaeological sites to be present within the project area. No archaeological or historic resources were encountered other than one isolated fragment of obsidian found in a highly-disturbed context on the side of a steep slope.

At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

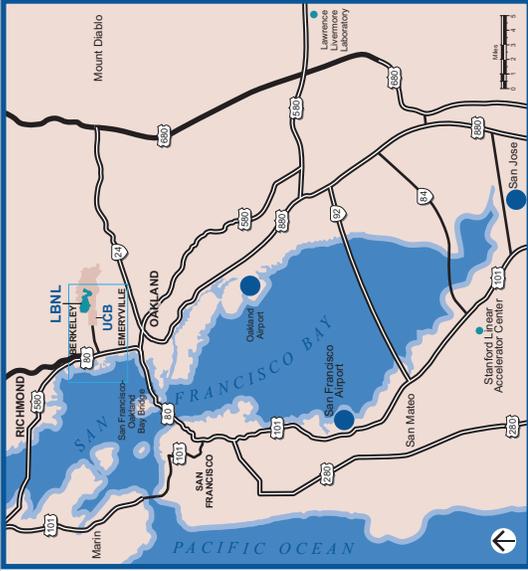
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

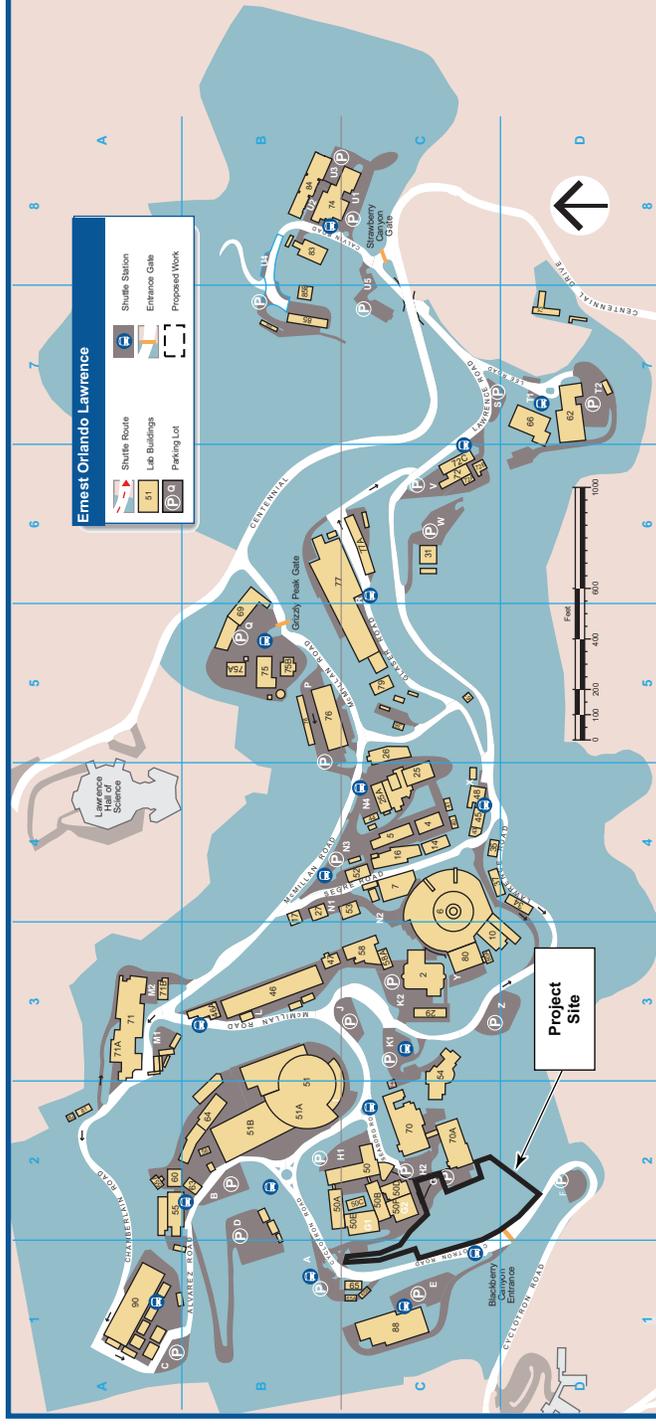
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

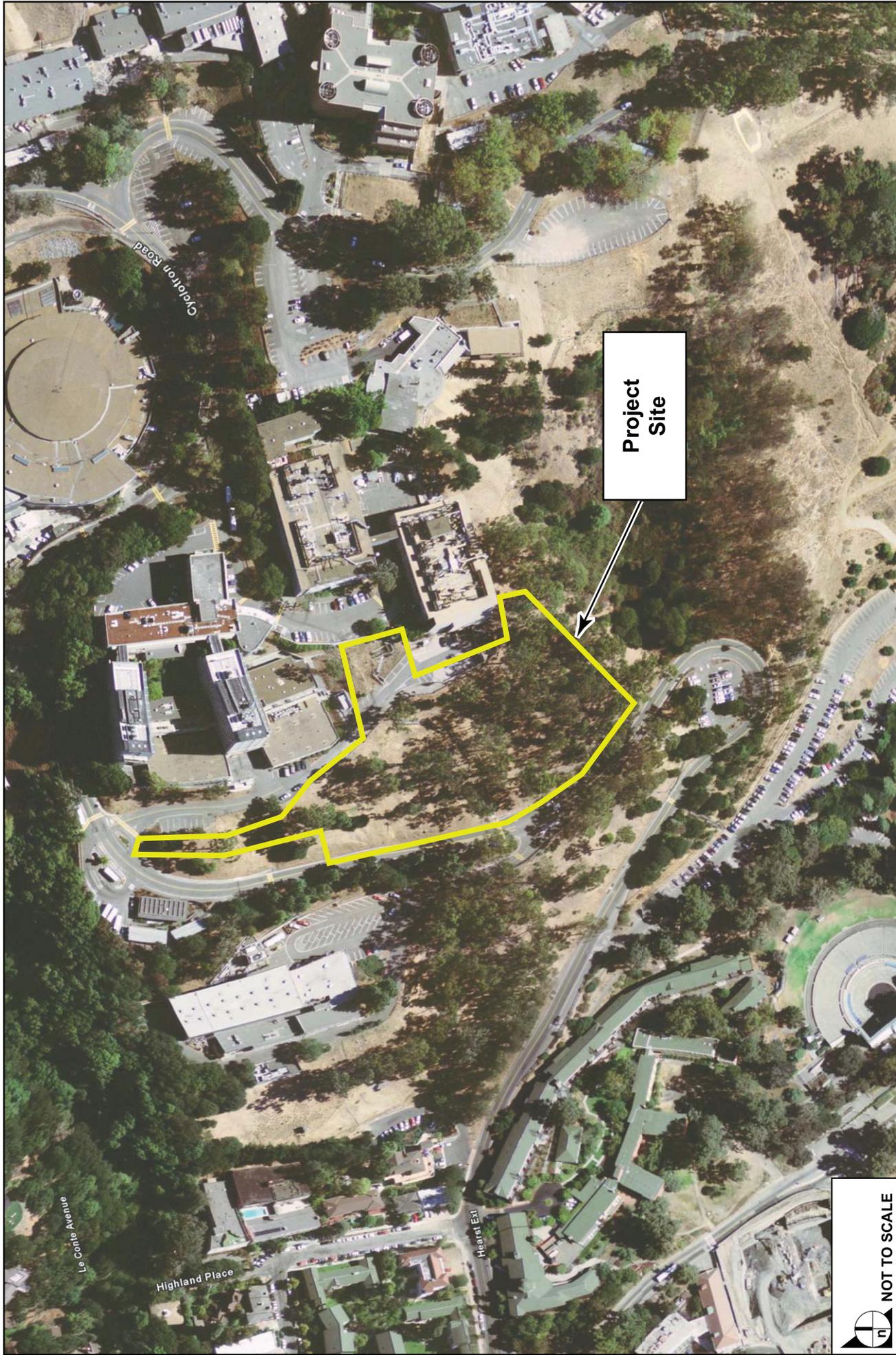


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

FIGURE 3.0-2

Approximate Project Site





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[FAQs](#)

Track & Confirm

MUWEKMA OHLONE INDIA
PO BOX 360791
MILPITAS, CA 95036-0791

Search Results

Label/Receipt Number: **9405 5036 9930 0190 7362 69**

Class: **Priority Mail®**

Service(s): **Delivery Confirmation™**

Status: **Delivered**

Your item was delivered at 9:17 AM on April 1, 2010 in MILPITAS, CA 95036.

Detailed Results:

- **Delivered, April 01, 2010, 9:17 am, MILPITAS, CA 95036**
- **Arrival at Post Office, April 01, 2010, 7:39 am, MILPITAS, CA 95035**
- **Processed through Sort Facility, March 31, 2010, 8:23 pm, OAKLAND, CA 94615**
- **Electronic Shipping Info Received, March 31, 2010**

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United States Postal Service



United States Postal Service

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT Building

DATE 3/30/10 TIME 2:44 PM
VIA Telephone WITH Ramona Garibay
COMPANY Trina Marine Ruano Family
ADDRESS 16010 Halmar Lane PHONE NO. 209 629-8619
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

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TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT Building

DATE 5/3/2010 TIME 2:39 PM
VIA Telephone WITH Ramona Garibay
COMPANY Trina Marine Ruano Family
ADDRESS 16010 Halmar Lane PHONE NO. 209 629-8619
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

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CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Chairperson Irene Zwierlein
Amah/Mutsun Tribal Band
789 Canada Rd
Woodside, CA 94062

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Chairperson Zwierlein,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

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The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

Chairperson Irene Zwierlein

March 31, 2010

Page 2

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A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

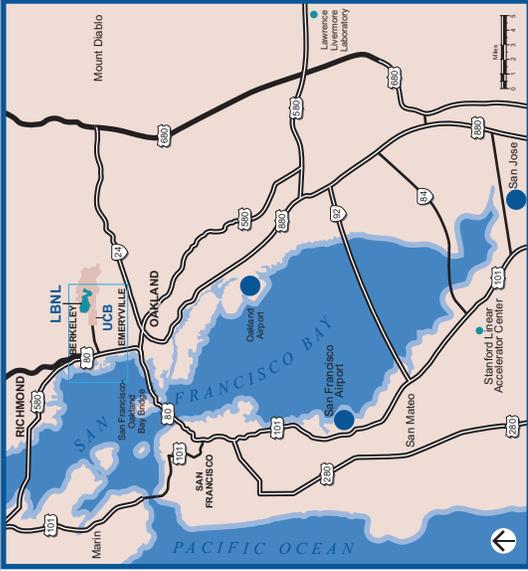
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

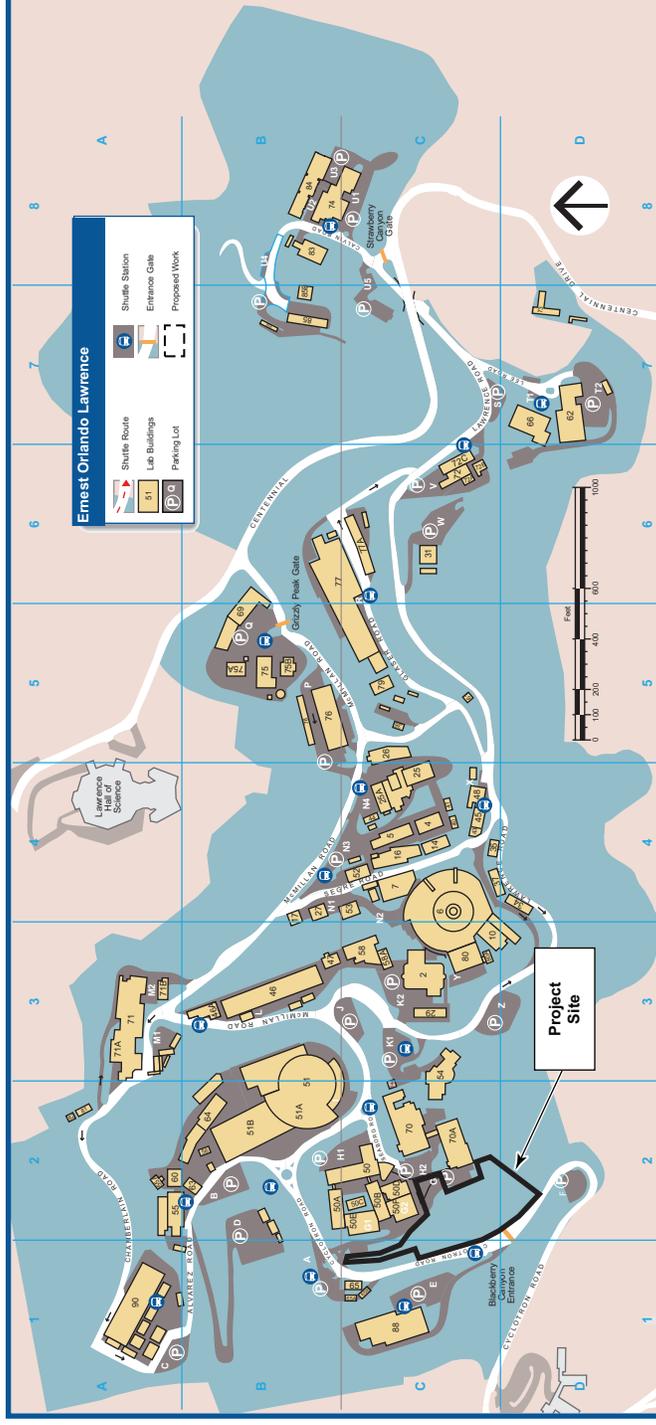
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

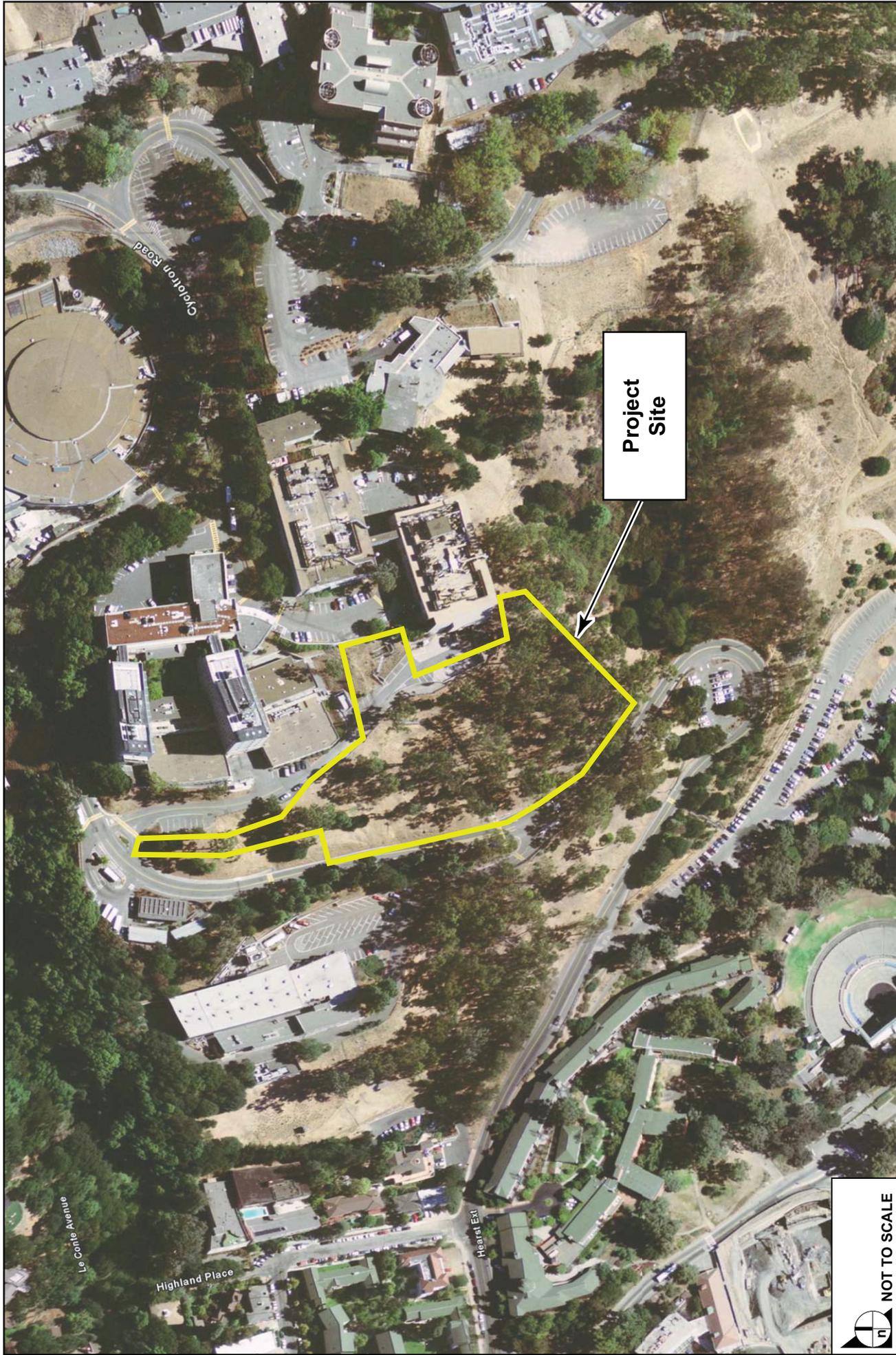


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



Project Site

SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

NOT TO SCALE

FIGURE 3.0-2

Approximate Project Site




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Track & Confirm

IRENE ZWIERLEIN
789 CANADA RD
WOODSIDE, CA 94062-4106

Search Results

Label/Receipt Number: **9405 5036 9930 0190 7362 90**

Class: **Priority Mail®**

Service(s): **Delivery Confirmation™**

Status: **Delivered**

Your item was delivered at 11:10 AM on April 1, 2010 in REDWOOD CITY, CA 94062.

Detailed Results:

- **Delivered, April 01, 2010, 11:10 am, REDWOOD CITY, CA 94062**
- **Out for Delivery or Available at PO Box, April 01, 2010, 8:52 am, REDWOOD CITY, CA 94063**
- **Sorting Complete, April 01, 2010, 8:22 am, REDWOOD CITY, CA 94063**
- **Arrival at Post Office, April 01, 2010, 8:14 am, REDWOOD CITY, CA 94063**
- **Processed through Sort Facility, April 01, 2010, 2:58 am, SAN FRANCISCO, CA 94188**
- **Electronic Shipping Info Received, March 31, 2010**

Notification Options

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Notice of Nondiscrimination



Accessibility
Notice of Nondiscrimination

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104: LBNL CRT Building

DATE 4/20/2010 TIME 10:46 AM
VIA Telephone WITH Irene Zwerlein
COMPANY Amah/Mutsun Tribal Band
ADDRESS 789 Canada Road PHONE NO. (650) 851-7747
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 000104

Mr. Felix Ratcliff called Ms. Irene Zwerlein at 10:46 on Tuesday April 20, 2010. She was not available, so he left a message with a receptionist asking Ms. Zwerlein to call Condor Country Consulting, Inc. if she had any questions or comments about the Lawrence Berkeley National Laboratory CRT building project outlined in the package sent to her by Mr. Sean Dexter.

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104: LBNL CRT Building

DATE 5/3/2010 TIME 2:13 PM
VIA Telephone WITH Irene Zwerlein
COMPANY Amah/Mutsun Tribal Band
ADDRESS 789 Canada Road PHONE NO. (650) 851-7747
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 000104

Mr. Felix Ratcliff made a follow-up call to Ms. Irene Zwerlein at 2:13 PM on Monday May 3, 2010. She was not available, so he left a follow up message with a receptionist asking Ms. Zwerlein to please call Condor Country Consulting, Inc. if she had any questions or comments about the Lawrence Berkeley National Laboratory CRT building project outlined in the package sent to her by Mr. Sean Dexter.



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Chairperson Ann Marie Sayers
Indian Canyon Mutsun Band of Ohlone
PO Box 28
Hollister, CA 95024

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Chairperson Sayers,:

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Chairperson Ann Marie Sayers
March 31, 2010
Page 2

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley's academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

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A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

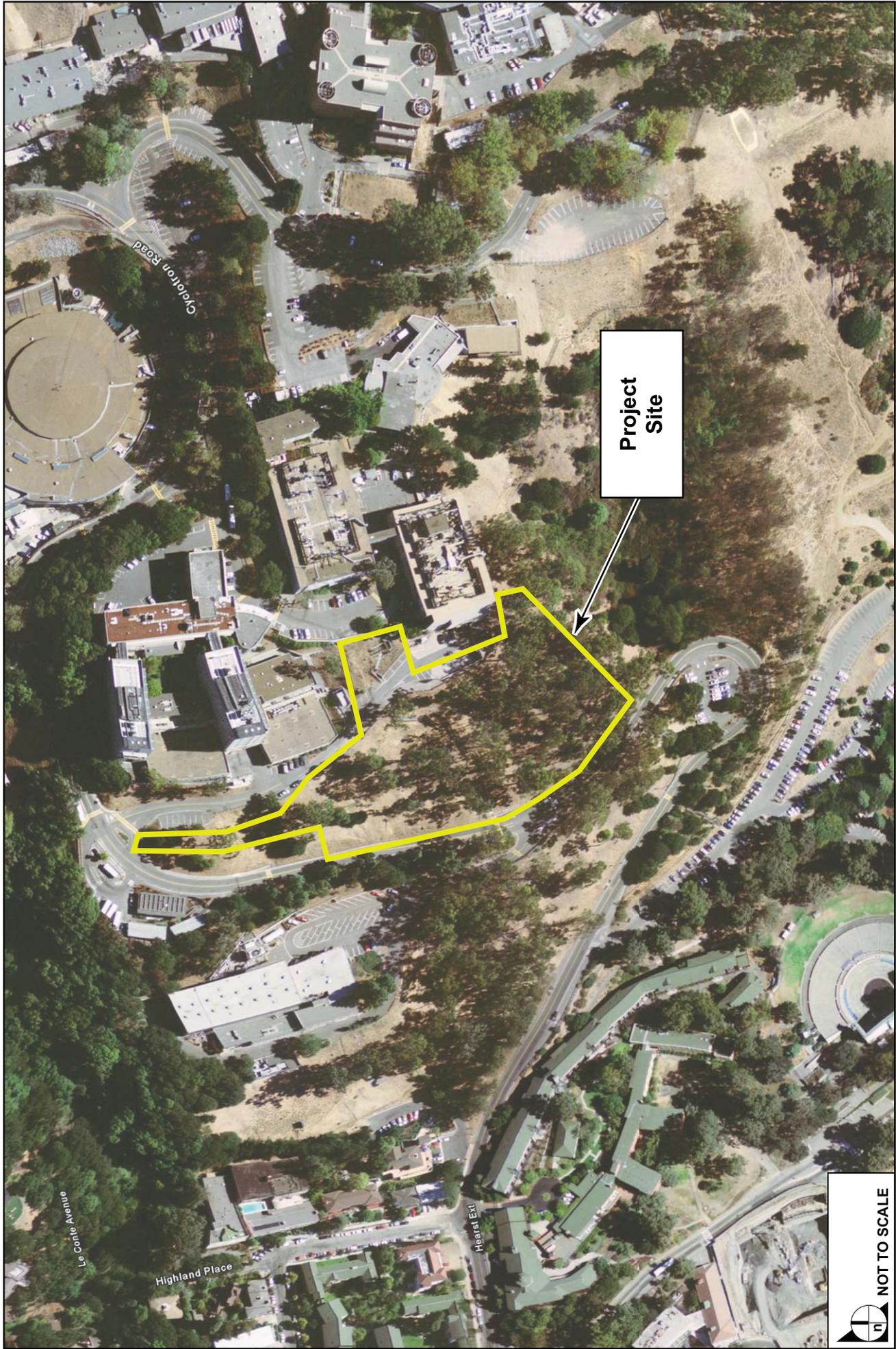
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

FIGURE 3.0-2

Approximate Project Site





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ANN MARIE SAYERS
INDIAN CANYON MUTSUN
PO BOX 28
HOLLISTER, CA 95024-0028

Search Results

Label/Receipt Number: **9405 5036 9930 0190 7362 76**

Class: **Priority Mail®**

Service(s): **Delivery Confirmation™**

Status: **Delivered**

Your item was delivered at 10:14 AM on April 1, 2010 in HOLLISTER, CA 95024.

Detailed Results:

- **Delivered, April 01, 2010, 10:14 am, HOLLISTER, CA 95024**
- **Arrival at Post Office, April 01, 2010, 7:23 am, HOLLISTER, CA 95023**
- **Processed through Sort Facility, April 01, 2010, 2:30 am, SAN JOSE, CA 95101**
- **Processed through Sort Facility, March 31, 2010, 8:23 pm, OAKLAND, CA 94615**
- **Electronic Shipping Info Received, March 31, 2010**

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TELEPHONE CONVERSATION RECORD



Condor Country Consulting

411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104: LBNL CRT Building

DATE 3/30/10 TIME 2:59 PM
VIA Telephone WITH Ann Marie Sayers
COMPANY Indian Canyon Mutsun Band of Costanoan
ADDRESS PO Box 28 Hollister, CA 95024 PHONE NO. (831) 637-4238
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called Ms. Ann Marie Sayers at 2:59 PM on Tuesday March 30, 2010 to ask if she had any comments on the package sent to her by Sean Dexter regarding the Lawrence Berkeley National Laboratory CRT Building. She had not read the document and asked if there were any recorded sites within ¼ mile, to which Mr. Ratcliff replied “no”. She was also concerned with how much earth was going to be moved to which Mr. Ratcliff replied “quite a bit as the project is situated on a steep hillside,” and if there were any creeks in the immediate area. At the end of the conversation she said that she would review the document and if any questions or concerns arose, she would call Condor Country Consulting, Inc.



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Ms. Jean Marie Feyling
AMAH/MUTSUN TRIBAL BAND
19350 Hunter Ct.
Redding, CA 96003-8638

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Feyling,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL's Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

Ms. Jean Marie Feyling
March 31, 2010
Page 2

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley's academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

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At this time we would like to know whether you are aware of any traditional cultural places, traditional plant gathering areas, or sites of historic interest in or immediately adjacent to the project area. We understand that such information is sensitive and confidential and we will not release this information to unauthorized persons. Your involvement is valuable to us and we will do our best to ensure that any concerns you may have about the project are addressed.

A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

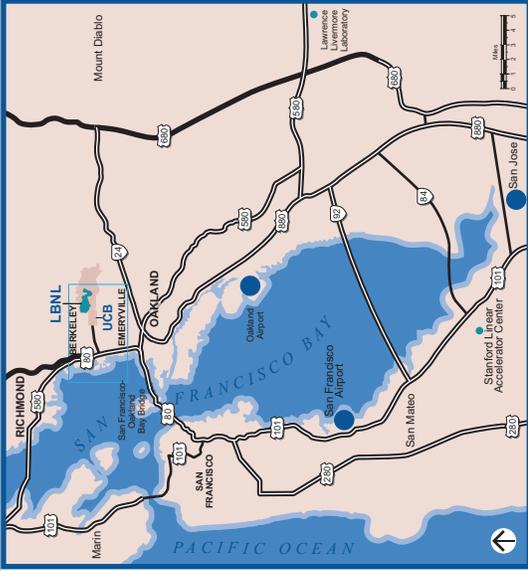
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

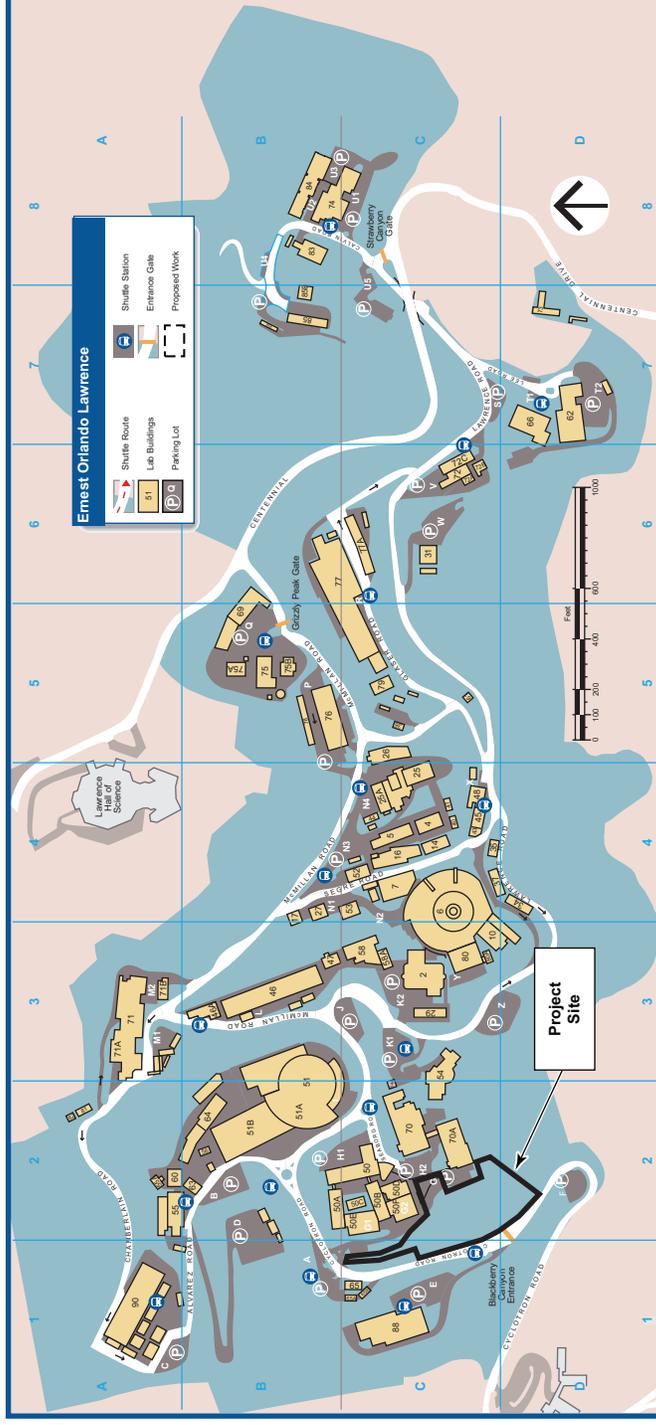
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

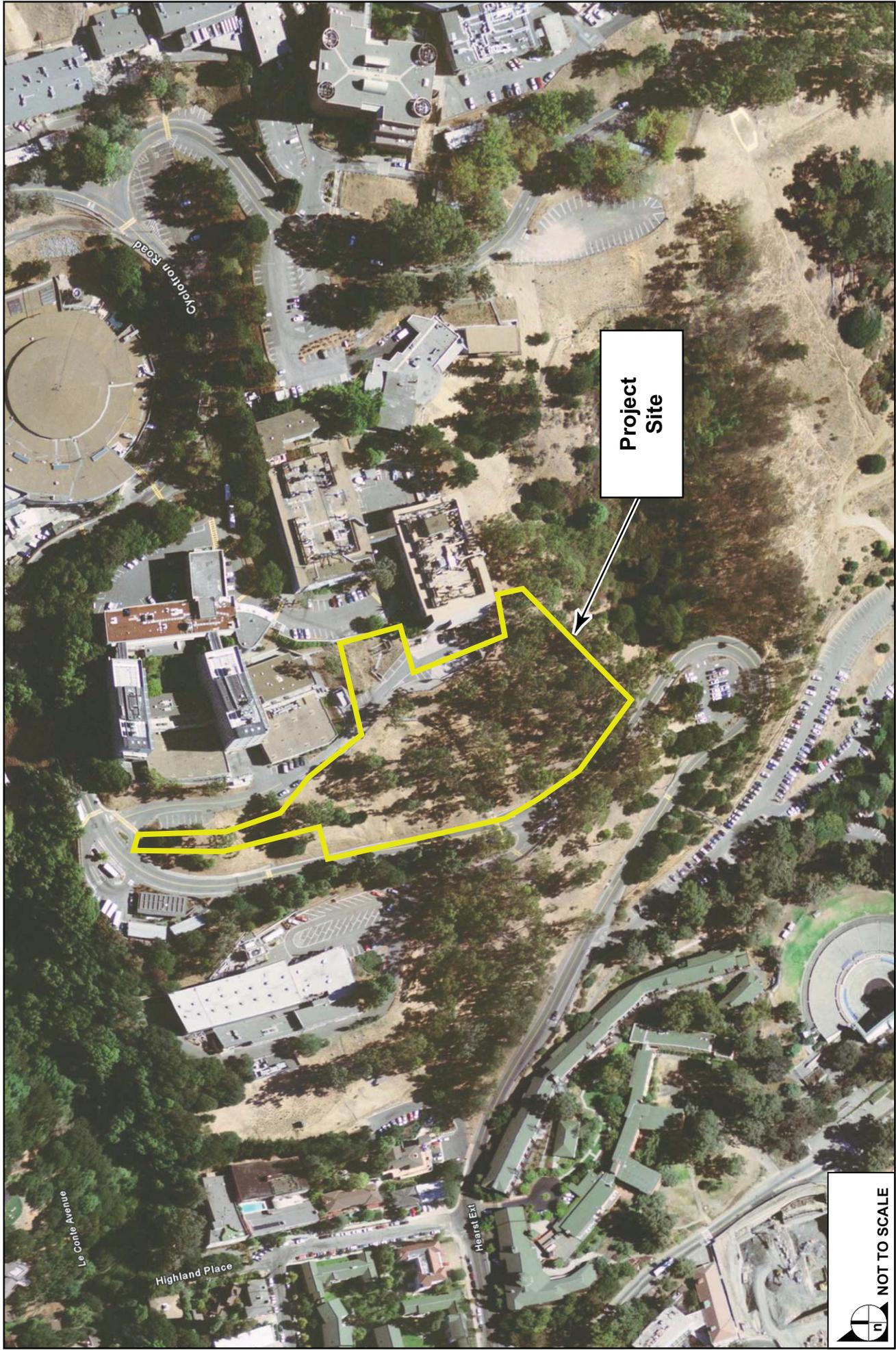


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

FIGURE 3.0-2

Approximate Project Site





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[FAQs](#)

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JEAN-MARIE FEYLING
AMAH/MUTSUN TRIBAL BAND
19350 HUNTER CT
REDDING, CA 96003-8638

Search Results

Label/Receipt Number: **9405 5036 9930 0190 7362 83**

Class: **Priority Mail®**

Service(s): **Delivery Confirmation™**

Status: **Delivered**

Your item was delivered at 12:00 PM on April 2, 2010 in REDDING, CA 96003.

Detailed Results:

- **Delivered, April 02, 2010, 12:00 pm, REDDING, CA 96003**
- **Sorting Complete, April 02, 2010, 9:14 am, REDDING, CA 96049**
- **Arrival at Post Office, April 02, 2010, 7:41 am, REDDING, CA 96049**
- **Electronic Shipping Info Received, March 31, 2010**

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TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104—LBNL CRT Building

DATE 3/30/10 TIME 2:29 PM
VIA Telephone WITH Jean-Marie Feyling
COMPANY Amah/Mutsun Tribal Band
ADDRESS 19350 Hunter Court PHONE NO. (530) 243-1633
PROJ NAME Lawrence Berkeley Lab CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called Ms. Feyling to ask if she had received the package sent to her from Condor Country Consulting Inc. regarding the proposed project at Lawrence Berkeley National Laboratory. Ms. Feyling had not read the materials but had these concerns: Did we check with Sonoma State to see if there were any records there? We answered "Yes". Ms. Feyling's recommendation is that if an archaeologist is requested for the project that Irene Zwerlein be contacted and a Native American monitor be sent in.



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Ms. Judy Kennedy, Secretary
Berkeley Historical Society
PO Box 1190
Berkeley, CA 94701

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Kennedy,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

The DOE proposes to relocate and consolidate all Advanced Scientific Computing Research-funded LBNL programs in one location on the LBNL hill site. UC proposes to construct a new building on the LBNL hill site where these programs could be relocated and consolidated. The new building and associated infrastructure would be constructed and owned by UC and would be called the Computational Research and Theory (CRT) facility. The facility would be operated and maintained by the University.

The approximately 2.25-acre CRT project site is located on the LBNL hill site. LBNL is located east of the main campus of UC Berkeley, within the cities of Berkeley and Oakland in Alameda County, and is located on land owned by the University of California. The project site is located near the western entrance to the LBNL hill site in the city of Berkeley and has frontage on Seaborg Road. The project site comprises steeply sloped terrain and is vegetated with non-native grasses and eucalyptus, immature redwood, bay, and oak trees; much of the area appears to have been previously disturbed. The CRT project site is flanked on three sides by LBNL Buildings 70 and 70A to the east, the Building 50 complex to the north, and Cyclotron Road and the LBNL's Blackberry Canyon entrance gate to the west. Maps showing the project area are enclosed for your reference (see enclosures).

The CRT facility includes an approximately 126,000-gross-square-foot building and associated infrastructure, including access driveways and pedestrian access, and a central plant. The approximately 126,000-gross-square-foot (gsf), three-story building would include a supercomputer equipment floor and two floors of offices, with space for computing, offices, and conference rooms. The proposed building abuts a steep hillside, and the upper floor of the building would be accessible from the existing parking lot that connects the Building 50 and 70 complexes.

Ms. Judy Kennedy
March 31, 2010
Page 2

The facility would accommodate (1) the National Energy Research Scientific Computing (NERSC) Center, including NERSC's high performance computing systems, (2) researchers from the LBNL's Computational Research Division, and (3) researchers and students from the joint UC/Berkeley Lab Computational Science and Engineering program. The new advanced computational equipment and office space would support UC Berkeley's academic programs in computational science and engineering and the needs of computer scientists, mathematicians, and theoreticians who are currently engaged in high performance computing and high performance production computing and computational research.

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A primary contact for information you may have related to Traditional Cultural Properties, traditional plant gathering areas, and/or sites of historic interest, is the LBNL's consultant, Mr. Sean Dexter, at Condor Country Consulting, 411 Ferry Street, Suite 6, Martinez, CA 94553-1145; tel. (925) 335-9308; fax (925) 231-0571.

Thank you in advance for any assistance you can provide.

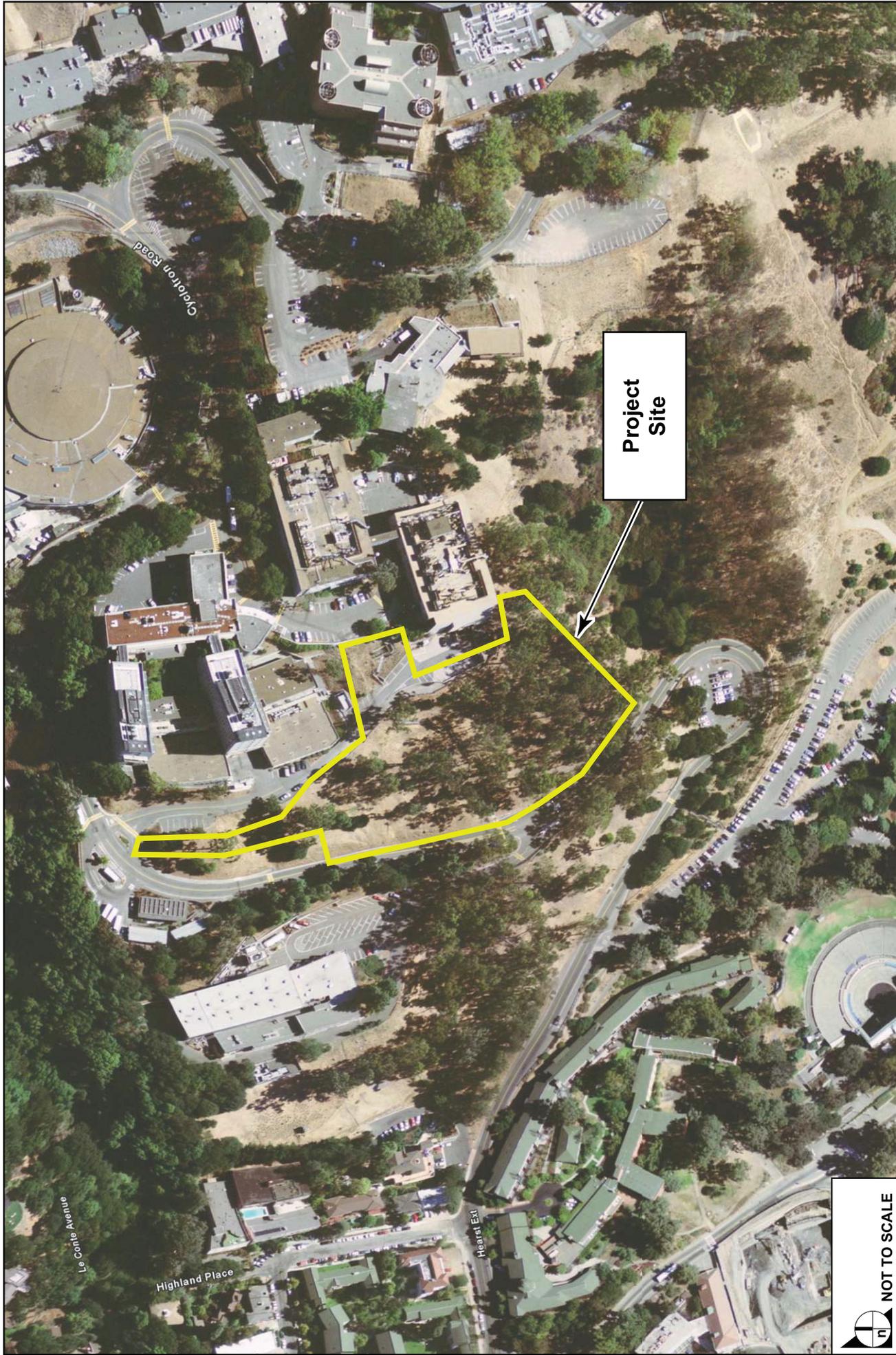
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

FIGURE 3.0-2

Approximate Project Site



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BERKELEY HISTORICAL SOCIETY
PO BOX 1190
BERKELEY, CA 94701-1190

Search Results

Label/Receipt Number: **9405 5036 9930 0190 7363 51**
Class: **Priority Mail®**
Service(s): **Delivery Confirmation™**
Status: **Delivered**

Your item was delivered at 9:46 AM on April 1, 2010 in BERKELEY, CA 94701.

Detailed Results:

- **Delivered, April 01, 2010, 9:46 am, BERKELEY, CA 94701**
- **Arrival at Post Office, April 01, 2010, 9:33 am, BERKELEY, CA 94704**
- **Processed through Sort Facility, April 01, 2010, 12:12 am, OAKLAND, CA 94615**
- **Electronic Shipping Info Received, March 31, 2010**

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TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104: LBNL CRT Building

DATE 03/30/2010 TIME 3:11 PM
VIA _____ WITH Ms. Margo Lindo
COMPANY Berkeley Historical Society
ADDRESS P.O. Box 1190, Berkeley, CA 94701 PHONE NO. (510) 848-0181
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff called and left a message for Ms. Margo Lindo asking her to call Condor Country Consulting if she has any questions or comments about the information sent to her regarding the Lawrence Berkeley National Laboratory CRT Building.

TELEPHONE CONVERSATION RECORD



Condor Country Consulting
411 Ferry St., Suite 6, Martinez, CA 94553-1145

COPIES TO:

File: 00104: LBNL CRT Building

DATE 5/3/2010 TIME 2:50 PM
VIA _____ WITH Ms. Margo Lindo
COMPANY Berkeley Historical Society
ADDRESS P.O. Box 1190, Berkeley, CA 94701 PHONE NO. (510) 848-0181
PROJ NAME Lawrence Berkeley National Laboratory CRT Building PROJ/TASK NO. 00104

Mr. Felix Ratcliff made a follow-up call to Ms. Margo Lindo on Monday May 3, 2010. Nobody answered so Mr. Ratcliff left a message asking Ms. Lindo to call Condor Country Consulting, Inc. if she had any questions or comments about the information sent to her regarding the Lawrence Berkeley National Laboratory CRT Building. Also Mr. Ratcliff said that if she did not call back it would be assumed that she had no comment.



CONDOR COUNTRY CONSULTING, INC.

Memo

To: Ms. Analee Allan, Alameda Historical Society

From: Sean Dexter

CC: Shabnam Barati, Impact Sciences

Date: March 31, 2010

Re: Slight change in project description for Computational Research and Theory Facility (CRT),
Lawrence Berkeley National Laboratory

Dear recipient, I erroneously mailed out a letter dated March 30, 2010 for the CRT building project in Berkeley with the incorrect project description. Here is an updated consultation letter with the corrected building square footage and other revisions to better describe the proposed project.

Please disregard the previous letter and respond to the letter dated March 31, 2010.

I apologize for this error and duplicate mailing.

Please contact me at 925-335-9308 should you have any comments on this project.

Sincerely,

Sean Dexter, Principal



CONDOR COUNTRY CONSULTING, INC.

March 31, 2010

Ms. Analee Allen
Alameda County Historical Society
PMB 307
484 Lake Park Ave.
Oakland, CA 94610-2730

Subject: Cultural Resources Consultation for the proposed Computational Research and Theory Facility (CRT), Lawrence Berkeley National Laboratory.

Dear Ms. Allen,:

The US Department of Energy (DOE) and the University of California (UC) are in the process of planning a new research facility at the Lawrence Berkeley National Laboratory (LBNL), in Alameda County, California. As the federal lead agency, the DOE is analyzing the potential environmental effects of the proposed project in compliance with the National Environmental Policy Act. The DOE, through its subcontractors UC, Impact Sciences, Inc., and Condor Country Consulting, Inc., is offering you the opportunity to comment on this project.

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Ms. Analee Allen
March 31, 2010
Page 2

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Thank you in advance for any assistance you can provide.

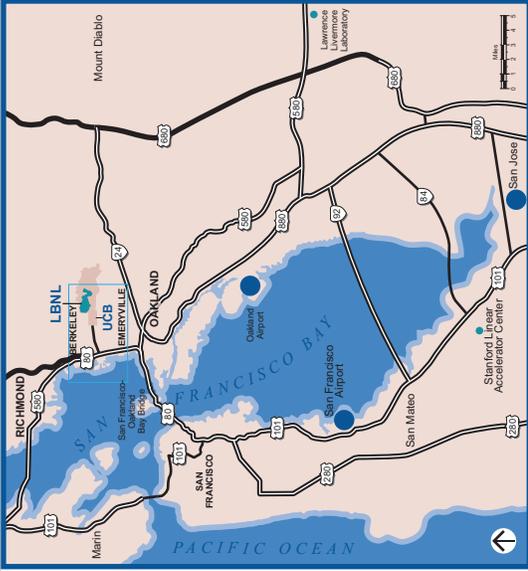
Sincerely,



Sean Dexter
Principal Archaeologist
Condor Country Consulting, Inc.

Enclosures: Project Area Maps (2)

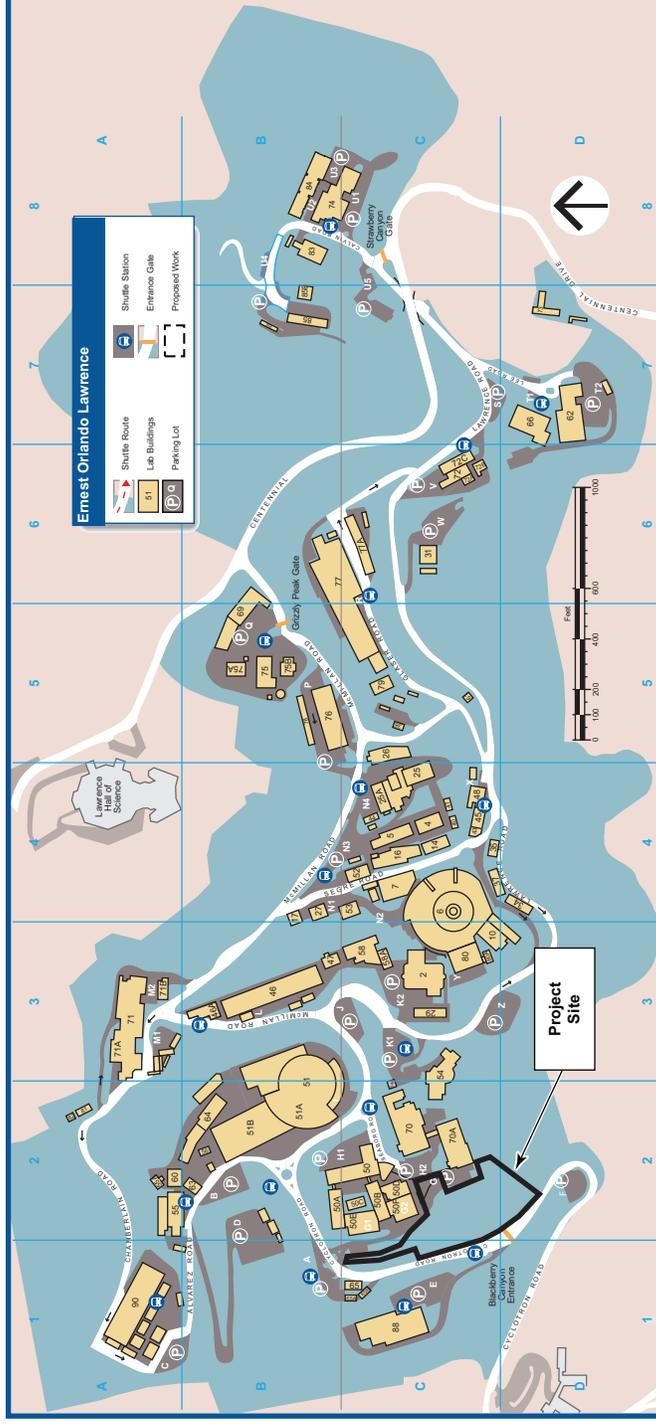
cc: Ms. Shabnam Barati, Project Manager, Impact Sciences, Inc., 555 12th Street
Suite 1650, Oakland, CA 94607



LBNL Regional Location



LBNL Local Location

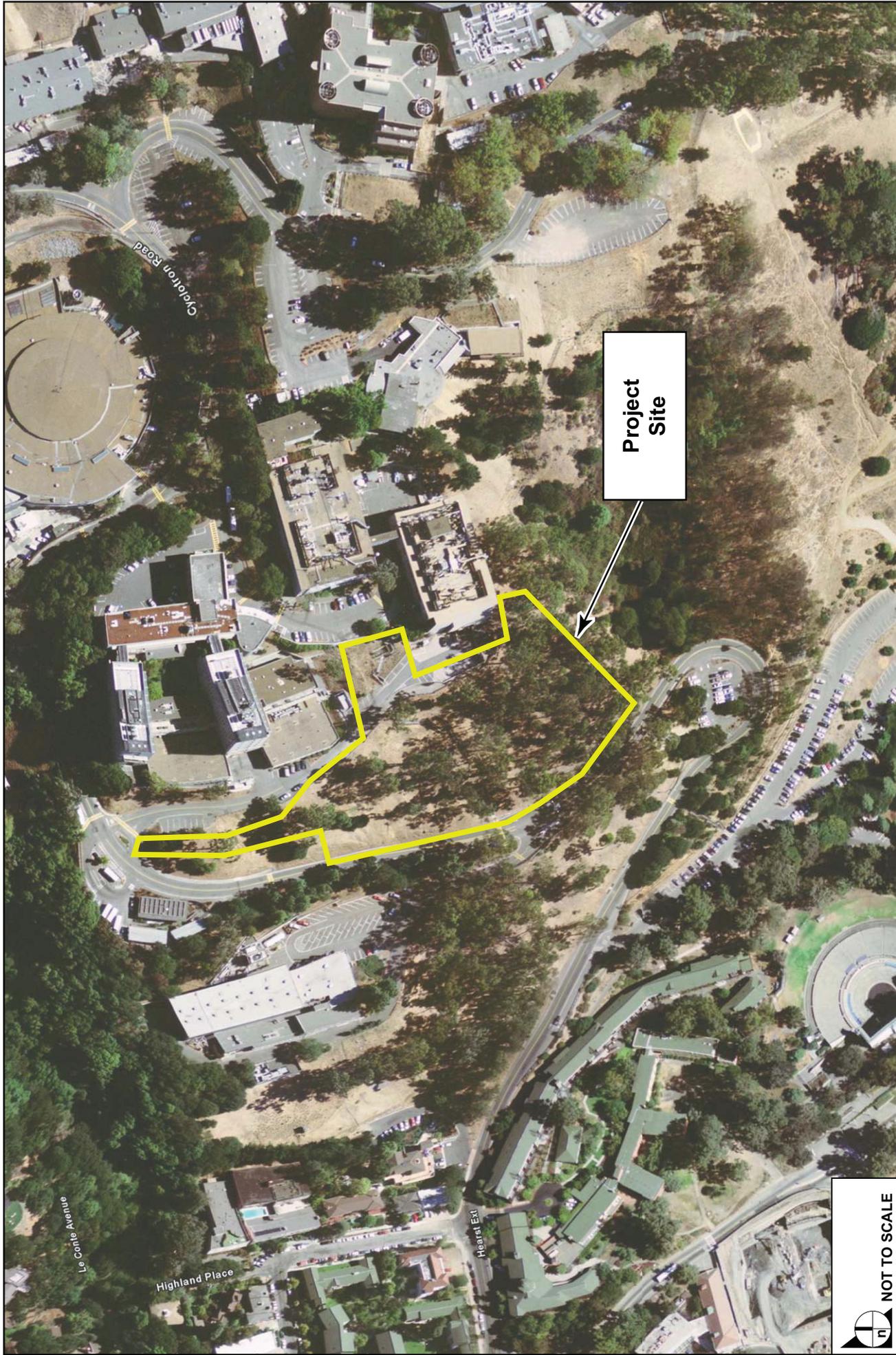


LBNL Site

NOT TO SCALE

SOURCE: Lawrence Berkeley National Laboratory, 2004

FIGURE 3.0-1



Project Site

NOT TO SCALE

SOURCE: Google Earth - July 2007, Perkins+Will - September 2007

FIGURE 3.0-2

Approximate Project Site


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MS. ANALEE ALLAN
ALAMEDA COUNTY HISTO
484 LAKE PARK AVE
PMB 307
OAKLAND, CA 94610-2730
Ref#: 104-CRT

Search Results

Label/Receipt Number: **9405 5036 9930 0190 7622 68**

Class: **Priority Mail®**

Service(s): **Delivery Confirmation™**

Status: **Delivered**

Your item was delivered at 2:47 PM on April 1, 2010 in OAKLAND, CA 94610.

Detailed Results:

- **Delivered, April 01, 2010, 2:47 pm, OAKLAND, CA 94610**
- **Out for Delivery or Available at PO Box, April 01, 2010, 9:00 am, OAKLAND, CA 94612**
- **Sorting Complete, April 01, 2010, 8:30 am, OAKLAND, CA 94612**
- **Arrival at Post Office, April 01, 2010, 6:19 am, OAKLAND, CA 94612**
- **Processed through Sort Facility, April 01, 2010, 12:12 am, OAKLAND, CA 94615**
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