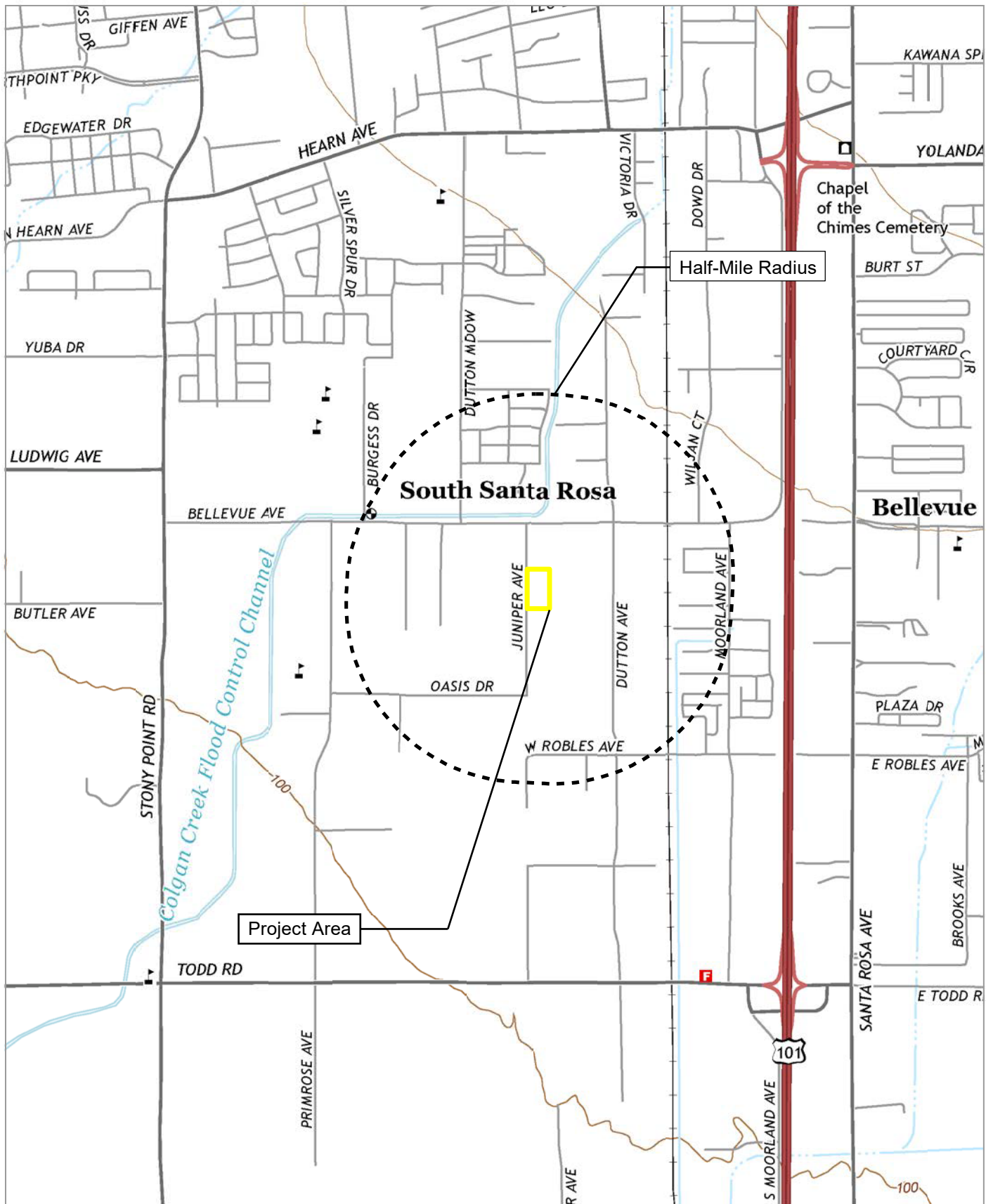


Appendix C: Cultural Resources Supporting Information

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C.1 - NWIC Records Search Results

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Source: USGS Santa Rosa 7.5' Quadrangle / T6N,R8W,sec3

FIRSTCARBON
SOLUTIONS™



2,000 1,000 0 2,000
Feet

Juniper Ave
Record Search Map

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-49-002834	CA-SON-002322H	Resource Name - Northwestern Pacific Railroad; Voided - formerly C-876; Voided - P-49-002897; Voided - P-49-002906; Voided - P-49-000052; Other - NWPRR-1 Segments B and C; Other - NWPRR/Greenwood; Other - Footing 15; Other - TP1; Other - Abandoned Grade; Other - Old Railroad Grade; Other - Open Deck Trestles; Other - C-Sears Point-2; Other - NWP Railroad; Other - (San Francisco & Northern Pacific RR- historic); Other - Timbered Pile Open Deck trestle; OHP PRN - 7.171-04 Railroad Yards: Main line (NWP) to Eureka; National Register - NPS 79000561-0007; OHP Property Number - 002277	Building, Structure, Object	Historic	AH02; AH04; AH07; AH15; HP11; HP17; HP19; HP39	1990 (Roger Werner, [none]); 1993 (J. Lloyd, Tom Origer & Associates); 1999 (Hannah Ballard, Elena Reese, Pacific Legacy); 2000 (J. Nelson,S. Nicholson, Jones & Stokes); 2000 (J. Nelson,S. Nicholson, Jones & Stokes); 2000 (J. Nelson, Jones & Stokes); 2002 (Steven M. Hilton, Parsons Corporation); 2002 (Sara E. Palmer, GANDA); 2003 (Jim Jenks, Daniel Hart, David Lemon, GANDA); 2004 (Daniel Hart, GANDA); 2004 (Andrew Hope, Caltrans); 2004 (John Kelley, LSA); 2005 (N. Thompson, Tom Origer & Associates); 2005 (R. Douglass, Tom Origer & Associates); 2006 (V. Beard, Tom Origer & Associates); 2010 (Jennifer Lang, GANDA); 2010 (V. Beard, Tom Origer & Associates); 2011 (Erica Schultz, GANDA); 2011 (John A. Loez, Tremaine & Associates, Inc.); 2013 (Stephen Mikesell, ICF International); 2016 (James Stark, Jennifer Thomas, FWARG)	S-013217, S-022483, S-022736, S-025066, S-025104, S-025217, S-025396, S-028098, S-029658, S-030485, S-030495, S-030869, S-031737, S-031869, S-032023, S-033228, S-033511, S-033897, S-037602, S-038125, S-039496, S-044394, S-044543, S-045663, S-046406, S-047399, S-047935, S-048535, S-048626, S-048798, S-049084, S-049135, S-049166
P-49-003336		Other - 2957 Dutton Meadows; Resource Name - ARS 05-099-01	Building	Historic	HP33	2005 (Sally R. Evans, Archaeological Resource Service)	S-031619
P-49-004810		Resource Name - ARS 92-56; CA-SON-ISO-69; Voided - CA-SON-ISO-69	Other	Prehistoric	AP02	1992 (Stephen Bryne, ARS)	S-014653

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-000848	Agency Nbr - Contract AA550-CT6- 52	1977	David A. Fredrickson	A Summary of Knowledge of the Central and Northern California Coastal Zone and Offshore Areas, Vol. III, Socioeconomic Conditions, Chapter 7: Historical & Archaeological Resources	The Anthropology Laboratory, Sonoma State College; Winzler & Kelly Consulting Engineers	
S-002399		1980	Dee Beattie	Petroglyphs of Sonoma County	Anthropology Department, Sonoma State University	49-000046, 49-000126, 49-000213, 49-000237, 49-000238, 49-000239, 49-000240, 49-000241, 49-000341, 49-000344, 49-000351, 49-000363, 49-000364, 49-000423, 49-000430, 49-000469, 49-000479, 49-000489, 49-000531, 49-000533, 49-000534, 49-000535, 49-000543, 49-000544, 49-000550, 49-000555, 49-000556, 49-000558, 49-000563, 49-000572, 49-000574, 49-000604, 49-000629, 49-000729, 49-000785, 49-000786, 49-000787, 49-000788, 49-000789, 49-000790, 49-000848, 49-000868, 49-000885, 49-000939, 49-000941, 49-000945, 49-000957, 49-000960, 49-000975, 49-001004, 49-001006, 49-001007, 49-001040, 49-001041, 49-001045, 49-001082, 49-001087, 49-001141, 49-001166, 49-001186, 49-001187

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-002458		1981	Neil Ramiller, Suzanne Ramiller, Roger Werner, and Suzanne Stewart	Overview of Prehistoric Archaeology for the Northwest Region, California Archaeological Sites Survey: Del Norte, Humboldt, Mendocino, Lake, Sonoma, Napa, Marin, Contra Costa, Alameda	Anthropological Studies Center, Sonoma State University	01-000080, 01-000084, 01-000086, 01-000104, 01-000119, 01-000124, 01-000125, 01-000126, 01-000127, 01-000137, 01-000139, 01-002053, 01-002104, 07-000047, 07-000079, 07-000080, 07-000081, 07-000082, 07-000083, 07-000092, 07-000093, 07-000105, 07-000131, 07-000146, 07-000147, 07-000148, 07-000149, 07-000150, 07-000151, 07-000168, 07-000173, 07-000175, 07-000177, 07-000185, 07-000186, 07-000190, 07-000323, 07-000440, 07-000447, 07-000448, 07-000449, 07-000462, 07-000470, 07-000474, 07-000476, 07-000481, 07-000674, 07-000710, 07-000724, 07-004621, 08-000015, 08-000018, 08-000021, 08-000090, 12-000125, 12-000175, 12-000186, 12-000194, 12-000199, 12-000202, 12-000207, 12-000209, 12-000210, 12-000211, 12-000263, 12-000264, 12-000266, 12-000336, 12-000442, 12-000445, 12-000458, 12-000824, 17-000006, 17-000026, 17-000035, 17-000072, 17-000114, 17-000177, 17-000286, 17-000287, 17-000289, 17-000290, 17-000307, 17-000320, 17-000392, 17-000407, 17-000437, 17-000446, 17-000470, 17-000531, 17-000535, 17-000546, 17-000550, 17-000551, 17-000554, 17-000572, 17-000610, 17-000639, 17-000640, 17-000673, 17-000787, 17-000812, 21-000017, 21-000034, 21-000039, 21-000051, 21-000053, 21-000057, 21-000058, 21-000106, 21-000143, 21-000163, 21-000177, 21-000217, 21-000221, 21-000235, 21-000242, 21-000245, 21-000252, 21-000262, 21-000283, 21-000290, 21-000291, 21-000295, 21-000332, 21-000335, 21-000342, 21-000346, 21-000347, 21-000368, 21-000369, 21-000370, 21-000651, 21-000653, 21-002539, 23-000143, 23-000450, 23-000475,

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
						23-000478, 23-000492, 23-000534, 23-000535, 23-000536, 23-000537, 23-000539, 23-000590, 23-000786, 23-000789, 23-000790, 23-000791, 23-000792, 23-000793, 23-000796, 23-000835, 23-001034, 23-001060, 23-001063, 23-001520, 23-002898, 23-002915, 23-002936, 23-002945, 28-000015, 28-000027, 28-000028, 28-000029, 28-000032, 28-000045, 28-000061, 28-000063, 28-000066, 28-000077, 28-000088, 28-000092, 28-000093, 28-000097, 28-000123, 28-000125, 28-000150, 28-000199, 28-000209, 28-000218, 28-000222, 28-000310, 28-000311, 28-000329, 28-000330, 28-000362, 28-000418, 28-000419, 28-000420, 28-000421, 28-000422, 28-000428, 28-000828, 28-000912, 49-000073, 49-000079, 49-000112, 49-000135, 49-000194, 49-000228, 49-000264, 49-000265, 49-000271, 49-000291, 49-000292, 49-000295, 49-000318, 49-000329, 49-000330, 49-000340, 49-000342, 49-000360, 49-000362, 49-000363, 49-000369, 49-000371, 49-000423, 49-000424, 49-000434, 49-000483, 49-000512, 49-000521, 49-000548, 49-000620, 49-000653, 49-000671, 49-000682, 49-000683, 49-000730, 49-000731, 49-000732, 49-000733, 49-000846, 49-000860, 49-000887, 49-000913, 49-000914, 49-000915, 49-000916, 49-000917, 49-000959, 49-000970, 49-000976, 49-000978, 49-000981, 49-000982, 49-000983, 49-000990, 49-000992, 49-001081, 49-001082, 49-001083, 49-001084, 49-001085, 49-001086, 49-001087, 49-001109, 49-001121
S-002458a		1982	Suzanne Ramiller	Prehistoric Archaeology Overview Northwest Region; California Archaeological Inventory, Volume I: Humboldt and Del Norte Counties	Anthropological Studies Center, Sonoma State University	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-002458b		1982	Roger H. Werner	Archaeological Overview of Mendocino and Lake Counties	Anthropological Studies Center, Sonoma State University	
S-002458c		1982	Suzanne Stewart	Prehistoric Archaeology Overview Northwest Region; California Archaeological Inventory, Volume I: Napa and Sonoma Counties	Anthropological Studies Center, Sonoma State University	
S-002458d		1982	Suzanne B. Stewart	Archaeological Overview of Alameda, Contra Costa, and Marin Counties	Anthropological Studies Center, Sonoma State University	
S-002458e		1982	Neil Ramiller	Environmental Overview of The Northwest Region	Anthropological Studies Center, Sonoma State University	
S-007888		1973	David Allen Fredrickson	Early Cultures of the North Coast Ranges, California.	University of California, Davis	17-000006, 17-000072, 28-000125

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-008226		1986	E. Breck Parkman	Status of Archeological Resources in the Northern Region, California Department of Parks and Recreation	California Department of Parks & Recreation	08-000007, 08-000015, 08-000018, 08-000019, 08-000022, 08-000023, 08-000025, 08-000026, 08-000029, 08-000030, 08-000031, 08-000032, 08-000033, 08-000034, 08-000035, 08-000036, 08-000037, 08-000038, 08-000040, 08-000043, 08-000055, 08-000092, 08-000244, 12-000175, 12-000176, 12-000177, 12-000178, 12-000179, 12-000180, 12-000181, 12-000182, 12-000184, 12-000185, 12-000186, 12-000190, 12-000193, 12-000197, 12-000199, 12-000205, 12-000256, 12-000257, 12-000258, 12-000259, 12-000260, 12-000261, 12-000384, 12-000460, 12-000467, 12-000468, 12-000469, 12-000663, 12-000664, 12-000702, 12-001060, 17-000004, 17-000070, 17-000436, 17-000437, 17-000535, 17-000954, 21-000040, 21-000072, 21-000073, 21-000074, 21-000075, 21-000139, 21-000140, 21-000143, 21-000218, 21-000231, 21-000255, 21-000269, 21-000270, 21-000548, 28-000240, 49-000086, 49-000149, 49-000150, 49-000164, 49-000211, 49-000266, 49-000319, 49-000323, 49-000324, 49-000325, 49-000488, 49-000620, 49-000628, 49-000701, 49-001041, 49-001203, 49-001349, 49-001358
S-009462		1977	Teresa Ann Miller	Identification and Recording of Prehistoric Petroglyphs in Marin and Related Bay Area Counties	San Francisco State University	07-000323, 21-000087, 21-000376, 21-000378, 21-000379, 21-000380, 21-000381, 21-000382, 21-000383, 21-000384, 21-000386, 21-000387, 21-000388, 21-000389, 21-000390, 21-000391, 21-000392, 21-000393, 21-000394, 21-000395, 21-000396, 21-000397, 21-000398, 21-000399, 21-000400, 21-000401, 21-000402, 21-000546, 23-000434, 23-000789, 23-000790, 49-000629, 49-000785, 49-000787

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-009795		1986	Thomas Lynn Jackson	Late Prehistoric Obsidian Exchange in Central California	Stanford University	06-000025, 07-000047, 07-000080, 07-000188, 07-000440, 17-000320, 17-000601, 21-000163, 21-000218, 21-000235, 21-000242, 21-000283, 21-000290, 21-000368, 21-000423, 21-000628, 23-001589, 23-001659, 23-003068, 23-003119, 28-000015, 28-000068, 28-000199, 28-000205, 28-000828, 49-000135, 49-000360, 49-000423, 49-000424, 49-000518, 49-000521, 49-000533, 49-000536, 49-000558, 49-000801, 57-000114
S-016554		1982	Charles Monroe Slaymaker	A Model for the Study of Coast Miwok Ethnogeography	University of California, Davis	21-000012, 21-000017, 21-000051, 21-000058, 21-000143, 21-000163, 21-000164, 21-000165, 21-000166, 21-000167, 21-000183, 21-000193, 21-000217, 21-000218, 21-000235, 21-000242, 21-000244, 21-000245, 21-000252, 21-000262, 21-000266, 21-000278, 21-000283, 21-000290, 21-000291, 21-000345, 21-000354, 21-000369, 21-000635, 21-000640, 21-000642, 21-000643, 21-000644, 21-002539, 28-000264, 49-000032, 49-000256, 49-000258, 49-000259, 49-000260, 49-000261, 49-000262, 49-000264, 49-000265, 49-000266, 49-000267, 49-000268, 49-000269, 49-000270, 49-000271, 49-000272, 49-000273, 49-000274, 49-000275, 49-000276, 49-000277, 49-000278, 49-000279, 49-000280, 49-000281, 49-000282, 49-000283, 49-000284, 49-000285, 49-000287, 49-000288, 49-000289, 49-000290, 49-000291, 49-000292, 49-000293, 49-000294, 49-000295, 49-000296, 49-000297, 49-000298, 49-000299, 49-000301, 49-000302, 49-000304, 49-000305, 49-000306, 49-000307, 49-000308, 49-000309, 49-000310, 49-000311, 49-000312, 49-000319, 49-000328, 49-000368, 49-000369

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-017171		1995	Leigh Jordan	Petroglyphs of the Southern North Coast Ranges: A Study of Style and Meaning	Sonoma State University	17-000037, 17-000038, 17-000068, 17-000069, 17-000070, 17-000071, 17-000107, 17-000114, 17-000117, 17-000129, 17-000148, 17-000149, 17-000163, 17-000167, 17-000170, 17-000181, 17-000184, 17-000185, 17-000186, 17-000252, 17-000255, 17-000258, 17-000409, 17-000419, 17-000494, 17-000535, 17-000536, 17-000657, 17-000708, 17-000800, 17-000848, 17-001207, 17-001315, 17-001316, 17-001456, 17-001742, 17-001760, 17-001771, 17-002121, 23-000438, 23-000469, 23-000470, 23-000475, 23-000476, 23-000728, 23-000730, 23-000731, 23-000796, 23-000809, 23-000810, 23-000883, 23-001249, 23-001272, 23-001286, 23-001327, 23-001422, 23-001487, 23-001644, 23-001646, 23-001669, 23-001725, 23-001726, 23-001727, 23-001728, 23-001791, 23-001792, 23-001797, 23-001798, 23-001799, 23-001800, 23-001801, 23-001802, 23-001803, 23-001804, 23-001805, 23-001806, 23-001809, 23-001836, 23-001837, 23-001867, 23-001872, 23-001891, 23-001915, 23-001930, 23-001942, 23-001946, 23-001950, 23-001963, 23-002014, 23-002015, 23-002016, 23-002907, 23-002908, 23-002909, 23-002910, 23-002927, 23-003062, 49-000033, 49-000126, 49-000238, 49-000240, 49-000344, 49-000364, 49-000423, 49-000469, 49-000479, 49-000531, 49-000533, 49-000534, 49-000535, 49-000536, 49-000543, 49-000544, 49-000550, 49-000556, 49-000558, 49-000563, 49-000574, 49-000629, 49-000776, 49-000848, 49-000885, 49-000939, 49-000941, 49-000945, 49-001006, 49-001007, 49-001045, 49-001186, 49-001187, 49-001238, 49-001239, 49-001240, 49-001326, 49-001328, 49-001355, 49-001357, 49-001412,

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
						49-001530, 49-001867, 49-001872, 49-001877, 49-001885, 49-001904, 49-001905, 49-001906, 49-001907, 49-001908, 49-001909, 49-001910, 49-001911, 49-001912, 49-001913, 49-001914, 49-001915, 49-001916, 49-001917, 49-001918, 49-001919, 49-001920, 49-001921, 49-002121, 49-002283, 49-002291, 49-002292, 49-002383, 49-002385, 49-002421, 49-002424
S-018217		1996	Glenn Gmoser	Cultural Resource Evaluations for the Caltrans District 04 Phase 2 Seismic Retrofit Program, Status Report	California Department of Transportation	01-000014, 01-000023, 01-000227, 07-000108, 07-000119, 38-000002, 38-000004, 41-000273, 43-000106, 43-000297, 43-000624, 43-001078, 44-000010, 44-000201, 44-000300, 49-000195
S-020395		1998	Donna L. Gillette	PCNs of the Coast Ranges of California: Religious Expression or the Result of Quarrying?	California State University, Hayward	07-000094, 07-000323, 12-000050, 17-000071, 17-001315, 21-000087, 21-000376, 21-000378, 21-000379, 21-000381, 21-000382, 21-000383, 21-000384, 21-000386, 21-000387, 21-000388, 21-000389, 21-000390, 21-000391, 21-000392, 21-000393, 21-000394, 21-000395, 21-000396, 21-000397, 21-000398, 21-000399, 21-000400, 21-000401, 21-000402, 21-000419, 21-000433, 21-000546, 21-000620, 21-000621, 21-000624, 21-000661, 23-000434, 23-000809, 23-000810, 23-001698, 23-001725, 23-001792, 23-001798, 23-001799, 23-001803, 23-001804, 23-001930, 23-001942, 23-001950, 23-001963, 35-000013, 43-000067, 43-000080, 43-000287, 43-000289, 43-000504, 49-000046, 49-000240, 49-000533, 49-000550, 49-000629, 49-000785, 49-000787, 49-000868, 49-000960, 49-000975, 49-001004, 49-001087, 49-001239, 49-002121

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-022086		1999	Michael Newland	Cultural Resource Record Search and Literature Review for stations, sidings and bridges on the Northwestern Pacific Railroad, between Cloverdale and Larkspur, Sonoma and Marin Counties (letter report)	Anthropological Studies Center, Sonoma State University	
S-030204		2003	Donna L. Gillette	The Distribution and Antiquity of the California Pecked Curvilinear Nucleated (PCN) Rock Art Tradition.	University of California, Berkeley	01-002148, 21-000384, 23-000810
S-030400		2005	Sue Doherty	Sonoma Stories and the Song Wong Bourbeau Collection: A Model for an Exhibition and a Public Outreach Program - An Innovative Approach to CRM	Sonoma State University	
S-032596	Caltrans - EA No. 447600; Other - Contract #04A2098	2006	Randall Milliken, Jerome King, and Patricia Mikkelsen	The Central California Ethnographic Community Distribution Model, Version 2.0, with Special Attention to the San Francisco Bay Area, Cultural Resources Inventory of Caltrans District 4 Rural Conventional Highways	Consulting in the Past; Far Western Anthropological Research Group, Inc.	
S-033600	Agency Nbr - Contract No. 04A2098; Caltrans - EA No. 447600	2007	Jack Meyer and Jeff Rosenthal	Geoarchaeological Overview of the Nine Bay Area Counties in Caltrans District 4	Far Western Anthropological Research Group, Inc.	01-000001, 01-000002, 01-000014, 01-000063, 01-000064, 01-000067, 01-000080, 01-000124, 01-000139, 01-000140, 01-001795, 01-002110, 01-002160, 01-002162, 01-002245, 07-000019, 07-000024, 07-000037, 07-000047, 07-000075, 07-000079, 07-000088, 07-000089, 07-000108, 07-000182, 07-000185, 07-000186, 07-000217, 07-000239, 07-000401, 07-000721, 21-000010, 21-000048, 21-002615, 28-000009, 28-000028, 28-000301, 28-000967, 38-000006, 38-000028, 38-000101, 38-000102, 38-000119, 41-000080, 41-000284, 43-000016, 43-000189, 43-000296, 43-000308, 43-000310, 43-000423, 43-000424, 43-000448, 43-000451, 43-000485, 43-000561, 43-000604, 43-000608, 43-000614, 43-000623, 43-001015, 43-001058, 43-001080, 43-001163, 43-001194, 43-001576, 48-000007, 48-000157

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-048159		2016	Lacey Klopp	Archaeological Resources Review of 10 Acres at 3858 and 3874 Santa Rosa Avenue, Santa Rosa, Sonoma County, California (letter report)	Anthropological Studies Center, Sonoma State University	
S-048927		1997	Donald Scott Crull	The Economy and Archaeology of European-made Glass Beads and Manufactured Goods Used in First Contact Situations in Oregon, California and Washington	University of Sheffield, England	

C.2 - NAHC and Tribal Correspondence

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Local Government Tribal Consultation List Request

Native American Heritage Commission

1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Type of List Requested



CEQA Tribal Consultation List (AB 52) – *Per Public Resources Code § 21080.3.1, subs. (b), (d), (e) and 21080.3.2*



General Plan (SB 18) – *Per Government Code § 65352.3.*

Local Action Type:

___ **General Plan** ___ **General Plan Element** ___ **General Plan Amendment**

___ **Specific Plan** ___ **Specific Plan Amendment** ___ **Pre-planning Outreach Activity**

Required Information

Project Title: 3192 Juniper Avenue Project

Local Government/Lead Agency: City of Santa Rosa

Contact Person: Dr. Dana DePietro

Street Address: 1350 Treat Boulevard, Ste. 380

City: Walnut Creek **Zip:** 94597

Phone: 530-219-1432

Fax:

Email: ddepietro@fcs-intl.com

Specific Area Subject to Proposed Action

County: Sonoma County

City/Community: Santa Rosa

Project Description:

The 2.05-acre project site is located at 3192 Juniper Avenue and is surrounded by Juniper Avenue (west), Pacific Coast Drilling (north), a large multi-tenant industrial building (east), and a rural residential property (south). The project site contains five one-story structures totaling 4,964 square feet. The structures include a converted residence and outbuildings. Vehicular access is provided from two unpaved driveway connections with Juniper Avenue. There is a 0.16 acre of wetland within the project site. The project applicant is proposing to develop a commercial medical cannabis operation on the project site. Activities would include manufacturing, indoor cultivation, nursery, and distribution with transportation. Phase 1 of the project involves re-purposing the existing buildings on the project site to support cannabis production activities and install security measures including a masonry wall around the project site. Phase 2 entails the construction of a new 15,000 square-foot building in the southeast corner of the project site.

Additional Request

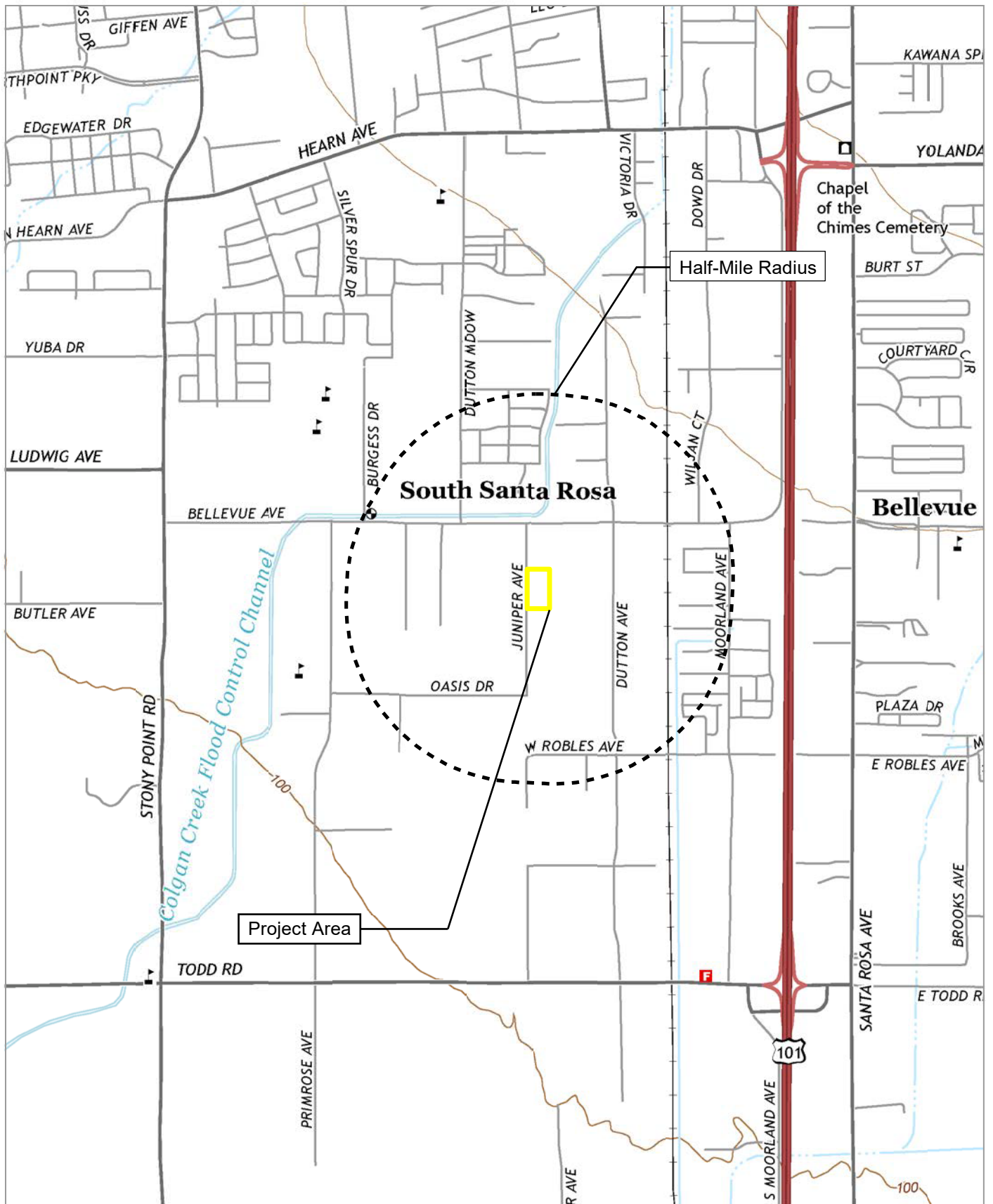


Sacred Lands File Search - Required Information:

USGS Quadrangle Name(s): Placerville

Township: 6N **Range:** 8W

Section(s): 3



Source: USGS Santa Rosa 7.5' Quadrangle / T6N,R8W,sec3

FIRSTCARBON
SOLUTIONS™



2,000 1,000 0 2,000
Feet

Juniper Ave
Record Search Map

C.3 - UCMP Database Search

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Kenneth L. Finger, Ph.D.
Consulting Paleontologist

18208 Judy St., Castro Valley, CA 94546-2306

510.305.1080

klfpaleo@comcast.net

May 30 , 2018

Dana DePietro
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

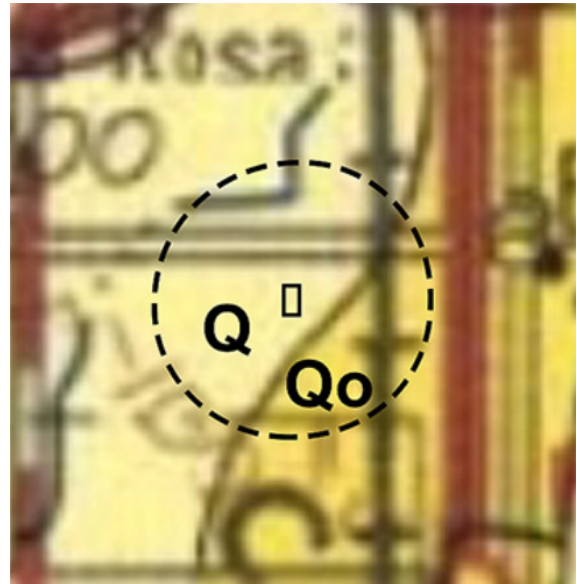
Re: Paleontological Records Search for the Juniper Avenue Project (5129.0001), South Santa Rosa, Sonoma County, California

Der Dr. DePietro:

As per your request, I have performed a records search on the University of California Museum of Paleontology (UCMP) database for the Juniper Avenue project in South Santa Rosa. The project site is on the east side of Juniper Avenue, approximately midway between Bellevue Avenue and Oasis Drive. Its PRS location is Sec. 3, T6N, R8W, Santa Rosa quadrangle (USGS 7.5-series topographic map). Google Earth imagery shows that the project site is currently occupied by a building, several trees, and barren ground that appears to be heavily disturbed.

Geologic Units

According to the part of the geologic map of McLaughlin et al. (2008) shown here, the surface of the area of the project site (black rectangle at center) consists of Holocene alluvium (Q). The half-mile search area (dashed circle) also includes Pleistocene alluvium (Qo). Although Holocene deposits are too young to be fossiliferous, Pleistocene alluvium has a high paleontological sensitivity and it is most likely to be present in the subsurface of the site. No other geologic units are in the area of the map shown here.



UCMP Records Search

A records search was performed on the University of California Museum of Paleontology (UCMP) database for Pleistocene vertebrate localities in the Santa Rosa quadrangle. There are four localities, all of which have yielded elements of the Rancholabrean fauna of late Pleistocene age.

Nearest to the project site is V3650 (Crandall), about 1.5 miles to the northeast, which yielded the neural spine of a ground sloth *Glossotherium* cf. *G. robustus*.

Remarks and Recommendations

A paleontological walkover survey of the site prior to construction is not recommended because the surface is disturbed. It would be prudent, however, to have paleontological monitoring during all construction-related excavations. Alternatively, a minimal mitigation measure of having a professional paleontologist periodically inspect the site during excavations may suffice. Should any vertebrate bones or teeth be unearthed by the construction crew, they should not attempt to remove the find, which could be extremely fragile and therefore prone to crumbling; instead, all work in the immediate vicinity of the find should cease until a paleontologist evaluates the fossil for its scientific value. If deemed significant, it should be salvaged in an appropriate manner and deposited in an accredited and permanent scientific institution (e.g., UCMP) where it will be properly curated and preserved for the benefit of current and future generations.

If I can be of further assistance on this project, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "Ken Finger". The signature is written in a cursive, flowing style.

Reference Cited

McLaughlin, R.J., Langenheim, V.E., Sarna-Wojcicki, A.M., Fleck, R.J., McPhee, D.K., Roberts, C.W., McCabe, C.A., and Wan, E., 2008, Geologic and geophysical framework of the Santa Rosa 7.5' quadrangle, Sonoma County, California. U.S. Geological Survey Open-File Report 2008-1009 .

C.4 - Pedestrian Survey Photos

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Photograph 1: View of the project area from the southwest corner; facing northeast.



Photograph 2: View of the project area from the southeast corner; facing northwest.



Photograph 3: View of the project area from the northeast corner; facing southwest.



Photograph 4: View of the project area from the northwest corner; facing southeast.



Photograph 5: View of largely undeveloped southern half of the project area; facing south.



Photograph 6: Detail of representative soil composition and visibility within the project area.

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