

BILLING CODE 4310-55-C

Family Asteraceae: *Lasthenia conjugens* (Contra Costa Goldfields)

(1) Critical habitat units are depicted for Alameda, Contra Costa, Mendocino,

Napa, and Solano counties, California, on the map below.

(2) The primary constituent elements of critical habitat for *Lasthenia*

conjugens (Contra Costa goldfields) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described below in paragraph (2)(ii), providing for dispersal and promoting hydroperiods of adequate length in the pools;

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and

nonnative upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands;

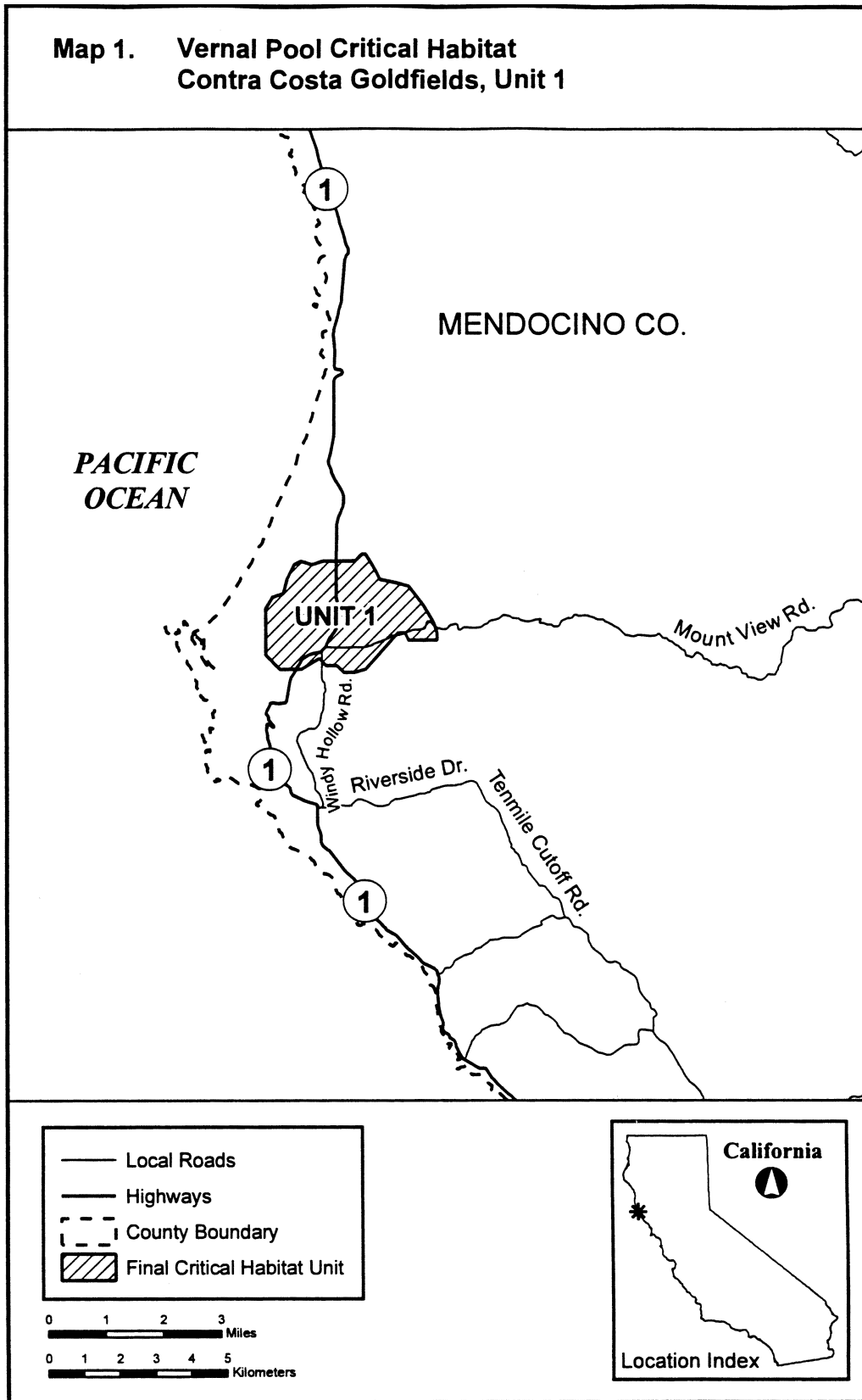
(3) Existing manmade features and structures, such as buildings, roads, railroads, airports, runways, other paved areas, lawns, and other urban landscaped areas do not contain one or more of the primary constituent elements. Federal actions limited to those areas, therefore, would not trigger a consultation under section 7 of the Act unless they may affect the species and/or primary constituent elements in adjacent critical habitat.

(4) Unit 1: Mendocino County, California. From USGS 1:24,000 scale quadrangle Point Arena. Land bounded

by the following UTM Zone 10, NAD 83 coordinates (E,N): 441300, 4314200; 441600, 4313700; 441700, 4313500; 442200, 4313400; 442500, 4313300; 442900, 4312800; 443200, 4312300; 443300, 4312000; 443300, 4311800; 442500, 4311800; 442400, 4312000; 442200, 4312000; 441300, 4311000; 441000, 4310900; 440700, 4310900; 440500, 4311100; 440200, 4311100; 440000, 4311300; 439500, 4311000; 438900, 4311000; 438500, 4311400; 438500, 4311800; 438500, 4312500; 438500, 4312700; 438700, 4313000; 439000, 4313100; 439100, 4313500; 439300, 4313900; 439500, 4314000; 439800, 4313900; 440100, 4314000; 441000, 4314000; 441200, 4314200; returning to 441300, 4314200.

(5) **Note:** Unit 1 (Map 1) follows:

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(6) Unit 2: Napa County, California.
From USGS 1:24,000 scale quadrangles
Yountville, Capell Valley. Land

bounded by the following UTM Zone
10, NAD 83 coordinates (E,N): 566800,
4250900; 567300, 4250500; 568100,
4250500; 568300, 4250100; 568100,

4250000; 568400, 4249400; 568500,
4249300; 568300, 4249100; 567800,
4249000; 567500, 4248900; 567400,
4248600; 567300, 4248100; 567200,

4248300; 567000, 4249800; 566700, 4250000; 566400, 4250300; 566100, 4250400; 566000, 4250500; 565500, 4250500; 565100, 4250500; 565100, 4250800; 565400, 4251200; 566000, 4251800; 566600, 4251600; returning to 566800, 4250900.

(7) Unit 3: Napa County, California. From USGS 1:24,000 scale quadrangles Napa, Cuttings Wharf. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 564800, 4233300; 564800, 4233100; 564600, 4233200; 564100, 4232800; 563800, 4233000; 563800, 4233600; 563800, 4235100; 563800, 4235200; 563900, 4235300; 564200, 4235400; 564400, 4235300; 564500, 4235100; 564700, 4235000; 564700, 4234900; 564800, 4234700; 564700, 4234400; 564800, 4234200; 564700, 4234100; 564700, 4234000; 564800, 4233800; returning to 564800, 4233300.

(8) Unit 4: Solano County, California.

(i) Unit 4A: Solano County, California. From USGS 1:24,000 scale quadrangle Fairfield South. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 577600, 4229700; 577700, 4229600; 578100, 4229800; 578100, 4229700; 577900, 4229100; 577300, 4229400; 577200, 4229800; 577400, 4230000; 577600, 4229800; returning to 577600, 4229700.

(ii) Unit 4B: Solano County, California. From USGS 1:24,000 scale quadrangles Fairfield South. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 583778, 4233214; 583700, 4232900; 583100, 4231900; 582700, 4231800; 582400, 4231500; 582300, 4230700; 582000, 4230700; 581900, 4230400; 581700, 4230400; 581700, 4231100; 581800, 4231100; 581800, 4231600; 581300, 4231600; 581300, 4232000; 581500,

4232200; 581500, 4231900; 581700, 4231900; 581700, 4232900; 581900, 4232900; 582800, 4233000; 583100, 4233000; 583112, 4232993; 583156, 4233006; 583545, 4233137; 583619, 4233161; 583629, 4233165; 583725, 4233196; returning to 583778, 4233214.

(iii) Unit 4C: Solano County, California. From USGS 1:24,000 scale quadrangles Elmira, Denverton. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 594915, 4234098; 594916, 4233314; 595044, 4233310; 595068, 4233296; 595131, 4233266; 595174, 4233226; 595189, 4233210; 595239, 4233151; 595322, 4232978; 595423, 4232778; 595483, 4232667; 595553, 4232524; 595699, 4232243; 595966, 4231717; 594927, 4231710; 594445, 4231707; 594409, 4231673; 594410, 4231616; 594434, 4231540; 594474, 4231494; 594495, 4231457; 594497, 4231414; 594510, 4231370; 594543, 4231356; 594575, 4231342; 594603, 4231341; 594614, 4231338; 594616, 4231325; 594618, 4231311; 594614, 4231290; 594605, 4231284; 594583, 4231275; 594573, 4231268; 594557, 4231245; 594550, 4231209; 594543, 4231179; 594500, 4231200; 593800, 4231200; 593600, 4230500; 593291, 4230515; 593291, 4230514; 589300, 4230700; 589179, 4230901; 589179, 4230901; 589240, 4230894; 589274, 4230890; 589315, 4230894; 589321, 4230909; 589313, 4231179; 589015, 4231215; 589100, 4231300; 589100, 4231700; 588600, 4231600; 588440, 4231680; 588417, 4232400; 588500, 4232400; 588500, 4232500; 588600, 4232500; 588600, 4232800; 588400, 4233000; 588600, 4233300; 588700, 4233500; 589300, 4233500; 589983, 4233500; 590000, 4233500; 590100, 4233500; 590100,

4233300; 590600, 4233300; 591100, 4232800; 591138, 4232825; 591143, 4232820; 591184, 4232856; 591700, 4233200; 592513, 4233290; 592594, 4233291; 592594, 4233299; 592600, 4233300; 592600, 4233800; 592900, 4233700; 592900, 4233751; 592901, 4233751; 592900, 4233754; 592900, 4233800; 593400, 4234100; 594200, 4234100; 594300, 4234900; 594500, 4234900; 594890, 4235396; returning to 594915, 4234098.

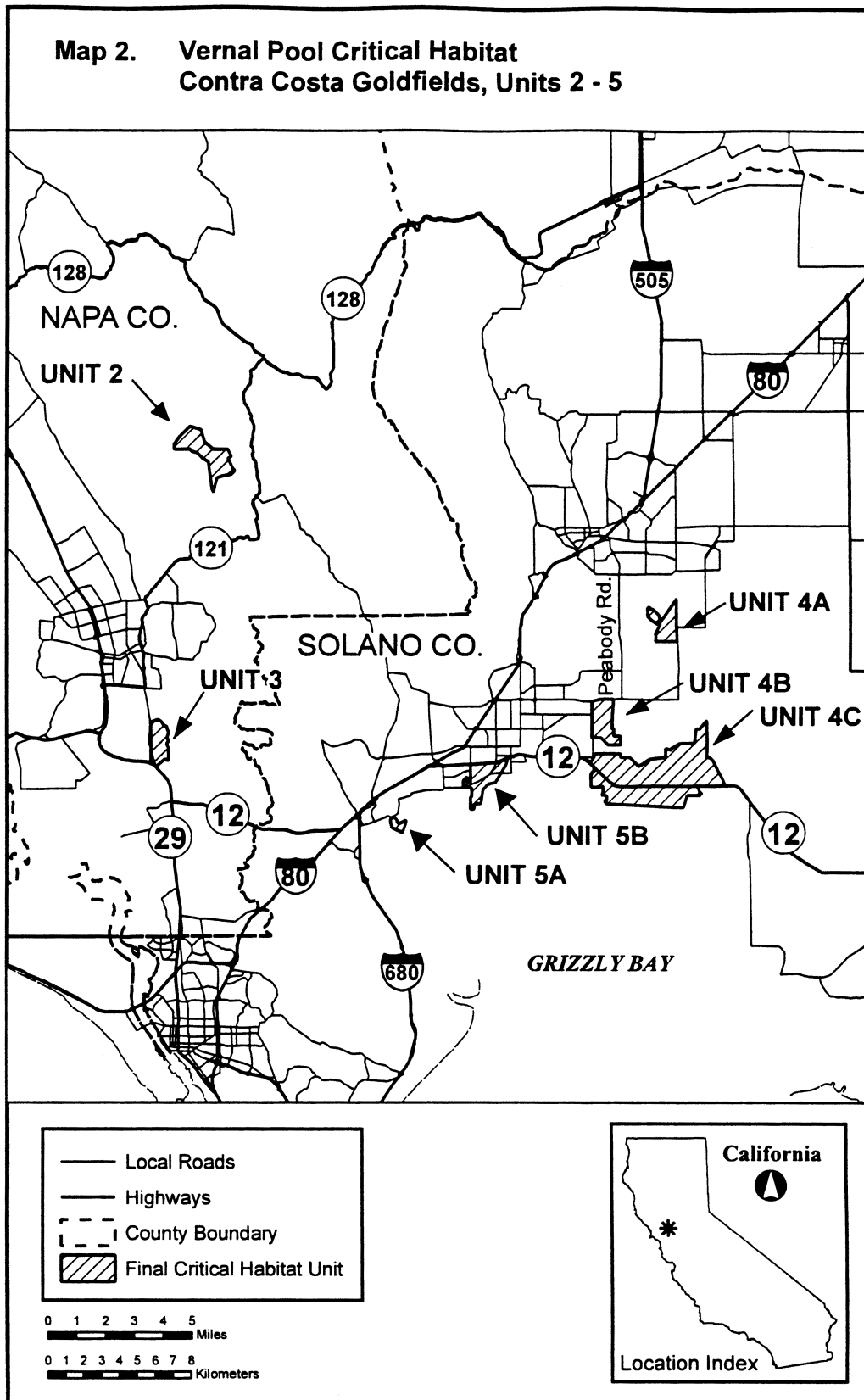
(9) Unit 5: Solano County, California.

(i) Unit 5A: Solano County, California. From USGS 1:24,000 scale quadrangle Elmira. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 593200, 4242200; 593200, 4240600; 593211, 4240600; 593255, 4239807; 592030, 4239793; 592062, 4240126; 592044, 4240137; 592026, 4240170; 592026, 4240181; 592030, 4240261; 592300, 4240800; 592100, 4240800; 591800, 4241000; 591700, 4241100; 591600, 4241200; 591600, 4241300; 591600, 4241700; 591700, 4241700; 591800, 4241600; 591900, 4241600; 592000, 4241500; 592200, 4241300; 592300, 4240900; returning to 593200, 4242200.

(ii) Unit 5B: Solano County, California. From USGS 1:24,000 scale quadrangles Elmira, Denverton. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 589698, 4236560; 589600, 4234900; 589700, 4234900; 589700, 4234500; 590100, 4234500; 590100, 4234064; 590100, 4234000; 589400, 4234000; 589000, 4234400; 588500, 4234400; 588500, 4236400; 588549, 4236449; 588944, 4236551; 589524, 4236558; 589670, 4236559; returning to 589698, 4236560.

(iii) **Note:** Units 2–5 (Map 2) follow:

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(10) Unit 6: Contra Costa County, California. From USGS 1:24,000 scale quadrangle Benicia. Land bounded by

the following UTM Zone 10, NAD 83 coordinates (E,N): 566800, 4208500; 566800, 4208000; 566900, 4208000; 566900, 4207900; 566900, 4207800;

567100, 4207800; 567100, 4207900; 567000, 4207900; 567000, 4208000; 567100, 4208100; 567200, 4208200; 567500, 4207800; 567900, 4207400;

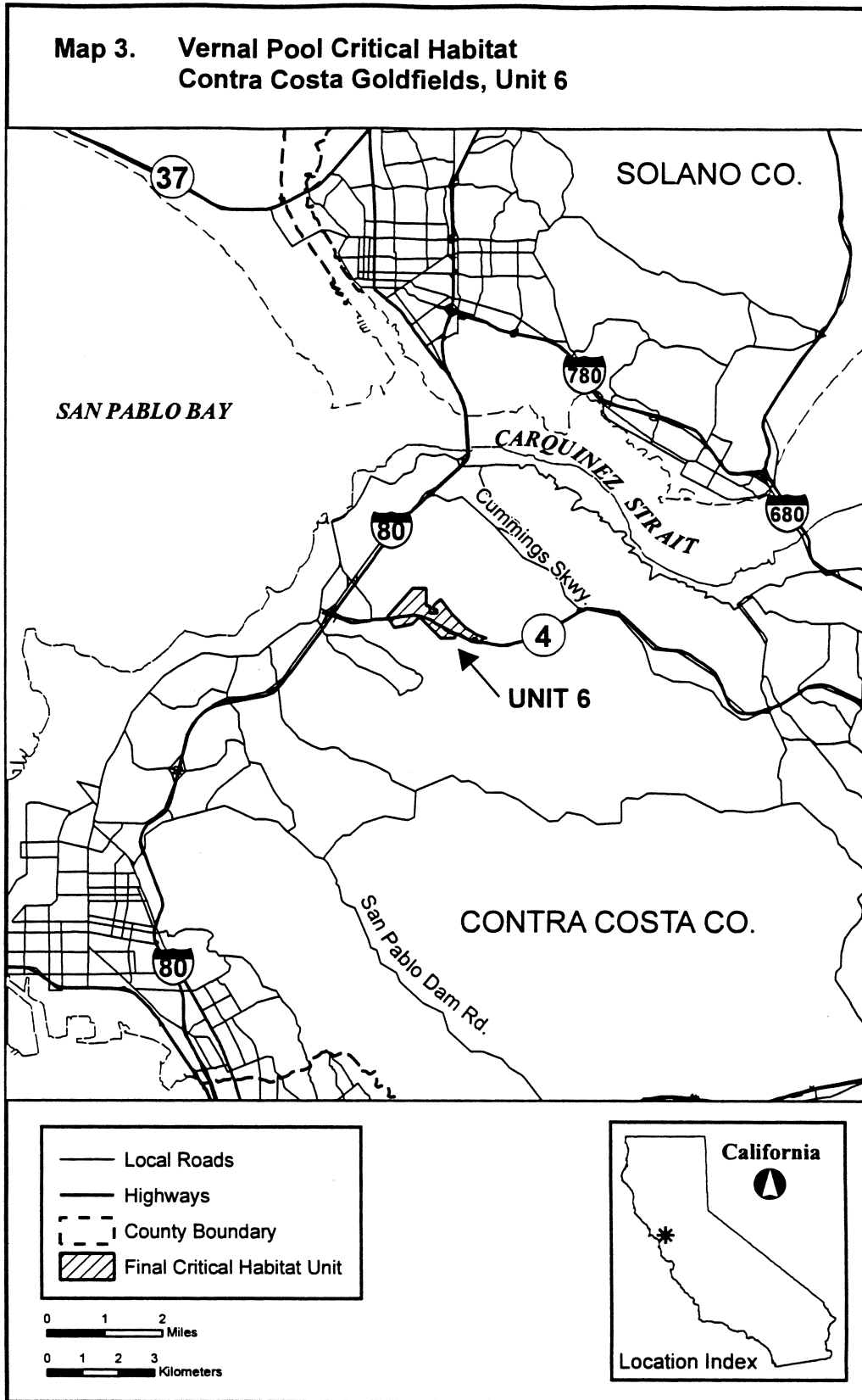
568200, 4207200; 568500, 4207100;
568400, 4207100; 568300, 4207000;
568200, 4207000; 568200, 4207100;
568100, 4207100; 568100, 4207000;
567900, 4207100; 567700, 4207200;

567600, 4207200; 567600, 4207100;
567500, 4207100; 567200, 4207100;
566600, 4207700; 566400, 4207500;
565900, 4207400; 565700, 4207700;

566411, 4208500; returning to 566800,
4208500.

(11) **Note:** Unit 6 (Map 3) follows:

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(12) Unit 7: Contra Costa County, California. From USGS 1:24,000 scale quadrangles Byron Hot Springs, Clifton

Court Forebay. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 621800, 4191200; 622200, 4190700; 622300, 4190400;

622275, 4190400; 621200, 4190400; 621100, 4190400; 621100, 4188700; 620900, 4188700; 620600, 4188400; 620400, 4188600; 620400, 4188100;

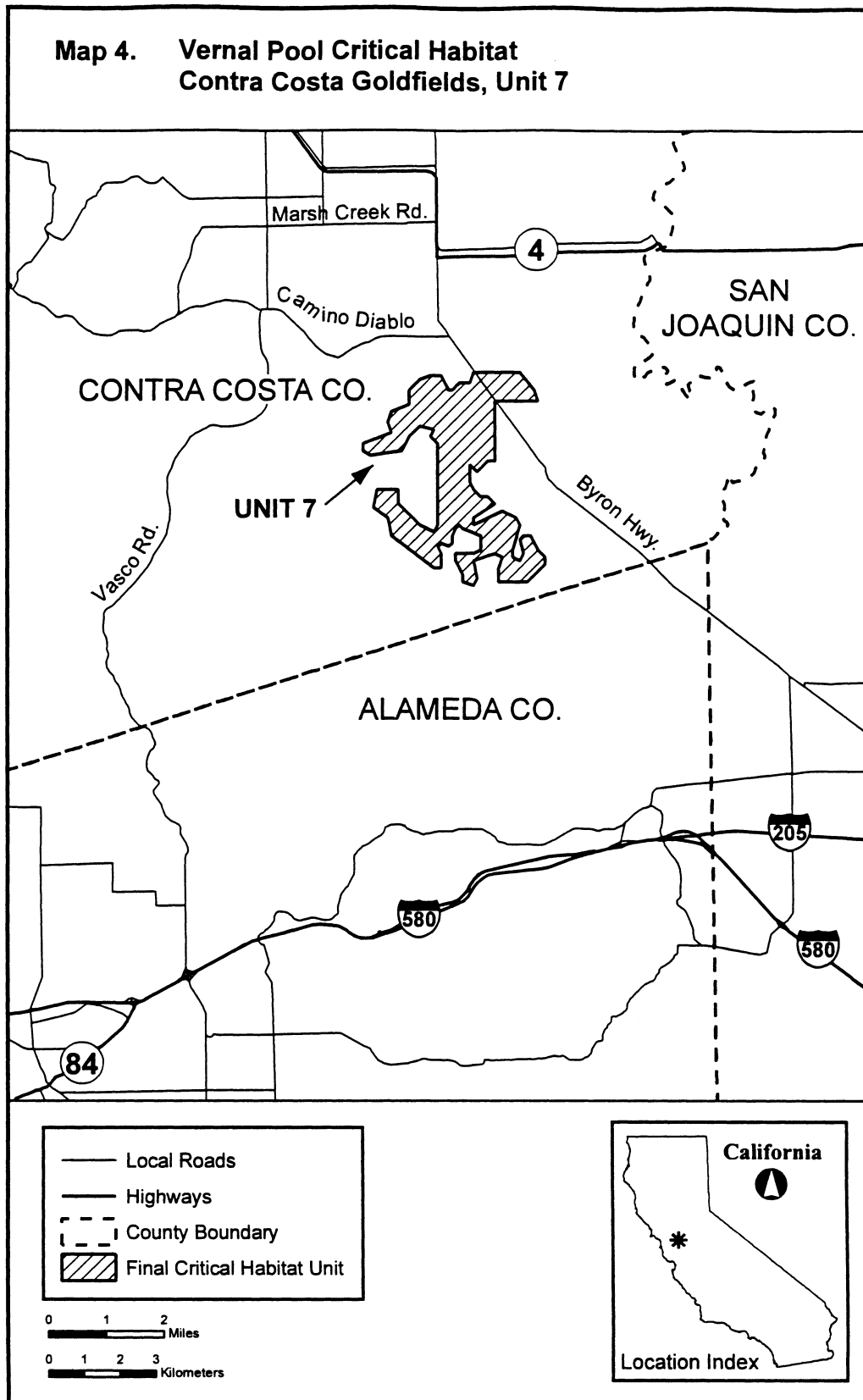
620500, 4187900; 620600, 4187800;
620700, 4187700; 620900, 4187700;
621100, 4187500; 620500, 4187100;
620500, 4186900; 621300, 4187300;
621321, 4187289; 621338, 4187281;
621700, 4187100; 621800, 4186900;
621600, 4186200; 621600, 4186000;
621800, 4185900; 621900, 4186100;
621800, 4186500; 621900, 4186600;
622100, 4186600; 622200, 4186400;
622300, 4186200; 622500, 4186000;
622500, 4185800; 622000, 4185300;
621200, 4185300; 621200, 4185700;
621300, 4186000; 621100, 4186100;
620500, 4185900; 620600, 4185400;

620500, 4185200; 620200, 4185300;
620200, 4185500; 620000, 4185900;
620000, 4186100; 620500, 4186100;
620700, 4186200; 620700, 4186600;
620200, 4186800; 620100, 4186900;
620000, 4186800; 619900, 4186600;
619900, 4186400; 619800, 4186300;
619600, 4186400; 619500, 4186300;
619600, 4186100; 619600, 4185700;
619400, 4185700; 618200, 4186600;
618100, 4187100; 617700, 4187400;
617800, 4187900; 618400, 4187900;
618400, 4187500; 619000, 4186900;
619400, 4186700; 619500, 4186900;
619500, 4189200; 619300, 4189400;

619400, 4189600; 619000, 4189700;
618700, 4189400; 618500, 4189000;
617800, 4188900; 617618, 4188855;
617400, 4189000; 617400, 4189200;
618200, 4189500; 618100, 4189800;
618200, 4190100; 618700, 4190300;
618700, 4190700; 619000, 4191000;
619300, 4191100; 619600, 4191100;
619800, 4190700; 619900, 4190700;
620100, 4190900; 620400, 4190900;
620400, 4190900; 620400, 4190900;
620500, 4191200; returning to 621800,
4191200.

(13) **Note:** Unit 7 (Map 4) follows:

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(14) Unit 8: Alameda County, California.

(i) Unit 8A: Alameda County, California. From USGS 1:24,000 scale quadrangles Milpitas, Niles. Land bounded by the following UTM Zone

10, NAD 83 coordinates (E,N): 590100, 4150400; 590481, 4150210; 590452, 4150159; 590383, 4150201; 590320, 4150230; 590312, 4150216; 590309,

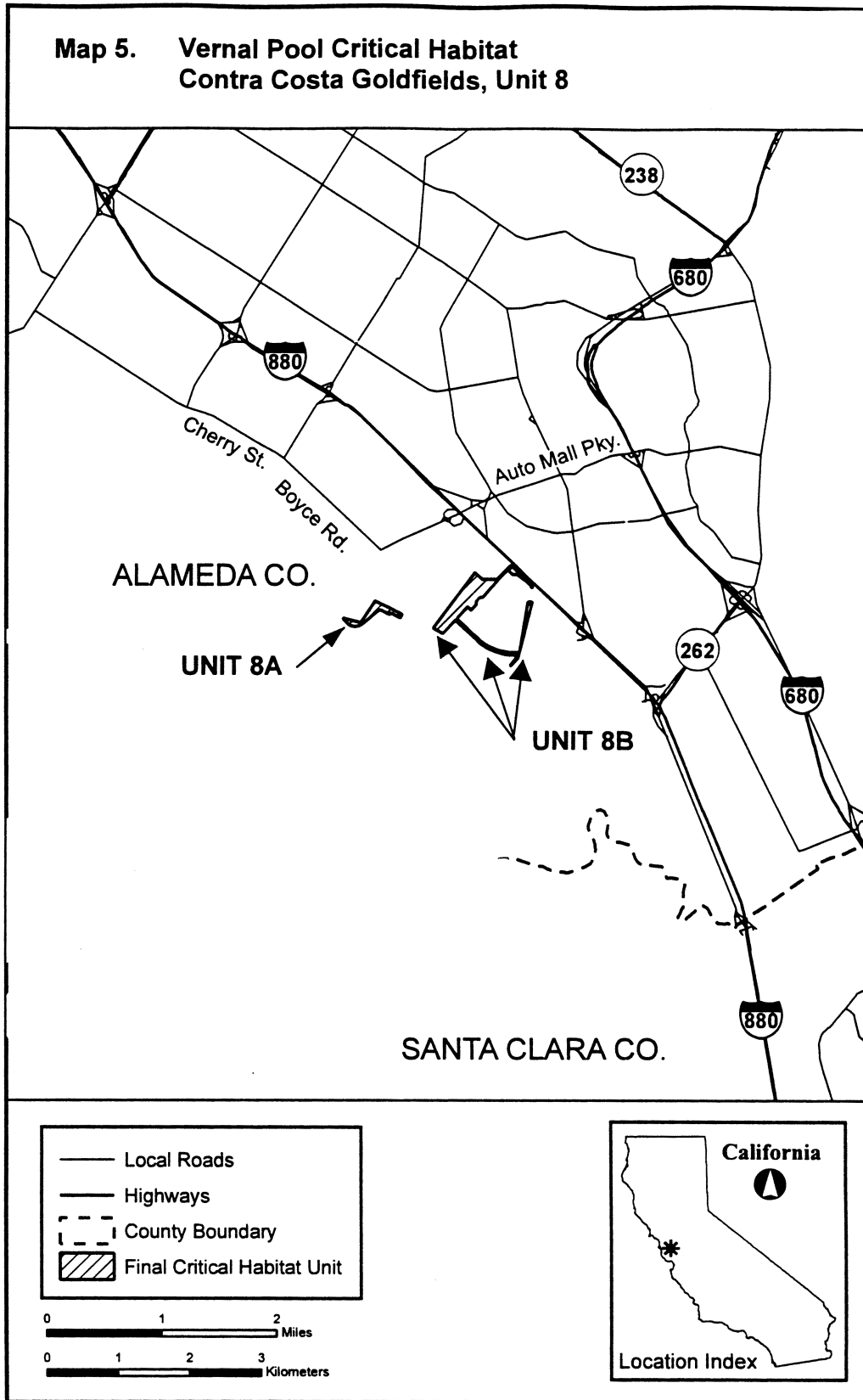
4150216; 590306, 4150215; 590303, 4150215; 590300, 4150214; 590297, 4150213; 590294, 4150212; 590291, 4150212; 590202, 4150262; 590201, 4150263; 590199, 4150264; 590197, 4150265; 590195, 4150266; 590193, 4150267; 590191, 4150267; 590189, 4150268; 590187, 4150269; 590185, 4150269; 590183, 4150269; 590180, 4150270; 590178, 4150270; 590176, 4150270; 590174, 4150270; 590172, 4150270; 590170, 4150270; 590168, 4150270; 590165, 4150270; 590163, 4150270; 590161, 4150269; 590159, 4150269; 590157, 4150269; 590155, 4150268; 590153, 4150267; 590151, 4150266; 590149, 4150266; 590147, 4150265; 590145, 4150264; 590143, 4150263; 590141, 4150262; 590140, 4150261; 590138, 4150260; 590136, 4150258; 590134, 4150257; 590133, 4150256; 589930, 4150084; 589926, 4150080; 589921, 4150076; 589916, 4150073; 589911, 4150070; 589906, 4150066; 589901, 4150064; 589896, 4150061; 589891, 4150059; 589885, 4150056; 589880, 4150054; 589874, 4150052; 589869, 4150050; 589863, 4150049; 589857, 4150048; 589852, 4150046; 589846, 4150045; 589840, 4150045; 589834, 4150044; 589829, 4150044; 589823, 4150044; 589817, 4150044; 589811, 4150044; 589805, 4150045; 589799, 4150045; 589794, 4150046; 589788, 4150047; 589782, 4150048; 589776, 4150050; 589771, 4150052; 589765, 4150053; 589760, 4150055; 589754, 4150058; 589749, 4150060; 589744, 4150063; 589739,

4150066; 589734, 4150068; 589729, 4150072; 589724, 4150075; 589719, 4150078; 589715, 4150082; 589710, 4150086; 589706, 4150090; 589702, 4150094; 589698, 4150098; 589694, 4150103; 589641, 4150165; 589900, 4150100; returning to 590100, 4150400; (ii) Unit 8B: Alameda County, California. From USGS 1:24,000 scale quadrangles Milpitas, Niles. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N):592000, 4150900; 592300, 4150600; 592300, 4150582; 592274, 4150603; 592276, 4150615; 592213, 4150675; 592195, 4150689; 592081, 4150769; 592026, 4150768; 591957, 4150835; 591831, 4150703; 591824, 4150696; 591604, 4150449; 591601, 4150449; 591598, 4150449; 591595, 4150449; 591592, 4150449; 591589, 4150448; 591586, 4150448; 591583, 4150448; 591581, 4150447; 591578, 4150446; 591575, 4150446; 591572, 4150445; 591569, 4150444; 591567, 4150443; 591564, 4150441; 591561, 4150440; 591559, 4150439; 591556, 4150437; 591554, 4150436; 591552, 4150434; 591549, 4150433; 591547, 4150431; 591545, 4150429; 591542, 4150427; 591540, 4150425; 591538, 4150423; 591536, 4150421; 591534, 4150419; 591533, 4150416; 591531, 4150414; 591529, 4150412; 591528, 4150409; 591526, 4150407; 591525, 4150404; 591523, 4150401; 591522, 4150399; 591521, 4150396; 591520, 4150393; 591519, 4150391; 591518, 4150388; 591518, 4150385; 591517, 4150382; 591516,

4150379; 591516, 4150376; 591516, 4150374; 591515, 4150371; 591515, 4150368; 591515, 4150365; 591515, 4150362; 591515, 4150359; 591516, 4150356; 591516, 4150354; 591442, 4150273; 591396, 4150319; 591243, 4150156; 591255, 4150145; 591269, 4150133; 591300, 4150104; 591331, 4150075; 591473, 4149942; 591550, 4149873; 591589, 4149840; 591620, 4149817; 591665, 4149787; 591688, 4149775; 591721, 4149761; 591777, 4149738; 591825, 4149720; 591872, 4149707; 591913, 4149697; 591958, 4149690; 592001, 4149686; 592064, 4149684; 592119, 4149689; 592237, 4150383; 592245, 4150384; 592244, 4150388; 592251, 4150389; 592252, 4150385; 592298, 4150392; 592200, 4150000; 592100, 4149600; 592000, 4149500; 591984, 4149500; 592103, 4149649; 592088, 4149647; 592058, 4149645; 592030, 4149647; 591994, 4149650; 591954, 4149655; 591886, 4149666; 591844, 4149677; 591783, 4149697; 591717, 4149723; 591651, 4149757; 591594, 4149794; 591557, 4149824; 591530, 4149850; 591453, 4149920; 591310, 4150053; 591279, 4150082; 591248, 4150110; 591235, 4150123; 591222, 4150134; 591220, 4150131; 591045, 4149947; 590916, 4150021; 591500, 4150800; 591600, 4150700; 591800, 4150700; returning to 592000, 4150900;

(iii) **Note:** Unit 8 (Map 5) follows:

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Family Limnanthaceae: *Limnanthes floccosa* ssp. *californica* (Butte County Meadowfoam)

(1) Critical habitat units are depicted for Tehama and Butte Counties, California, on the map below.

(2) The primary constituent elements of critical habitat for *Limnanthes floccosa* ssp. *californica* (Butte County meadowfoam) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (2)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and nonnative upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

(3) Existing manmade features and structures, such as buildings, roads, railroads, airports, runways, other paved areas, lawns, and other urban landscaped areas do not contain one or more of the primary constituent elements. Federal actions limited to those areas, therefore, would not trigger a consultation under section 7 of the Act unless they may affect the species and/or primary constituent elements in adjacent critical habitat.

(4) Unit 1: Tehama and Butte Counties.

(i) Unit 1A: Tehama and Butte Counties, California. From USGS 1:24,000 scale quadrangles Richardson Springs NW, Campbell Mound, Richardson Springs. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 597100, 4416400; 597100, 4415600; 597044, 4415525; 596800, 4415200; 597100, 4415000; 597800, 4415500; 598100, 4415200; 597600, 4414600; 597600, 4414400; 597300, 4413800; 597300, 4413300; 598200, 4413900; 598400, 4413900; 598400, 4413600; 597422, 4411938; 597281, 4412382; 596959, 4413403;

596640, 4414416; 596620, 4414481; 596305, 4415484; 596303, 4415489; 596130, 4416040; 596091, 4416160; 596028, 4416358; 596011, 4416411; 595993, 4416465; 595982, 4416500; 596000, 4416500; 596100, 4416400; 596200, 4416500; 596300, 4416600; 596400, 4416700; 596500, 4416700; 596500, 4416800; 596600, 4416800; returning to 597100, 4416400.

(ii) Unit 1B: Butte County, California. From USGS 1:24,000 scale quadrangle Richardson Springs. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 598900, 4411800; 599400, 4411700; 599800, 4411700; 599800, 4411000; 599300, 4410700; 599100, 4410800; 599000, 4410800; 598800, 4410600; 598500, 4410400; 598300, 4410100; 598100, 4410000; 598070, 4409970; 598051, 4409993; 598038, 4410010; 598014, 4410083; 597806, 4410737; 597725, 4410990; 597461, 4411816; 597434, 4411900; 597600, 4411900; 598300, 4412700; 598500, 4413300; 598900, 4413300; returning to 598900, 4411800.

(5) Unit 2: Butte County, California. From USGS 1:24,000 scale quadrangle Richardson Springs. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 600300, 4406000; 601200, 4405600; 601800, 4405600; 602000, 4405500; 602200, 4405200; 602500, 4405200; 602700, 4404900; 603300, 4404700; 604500, 4404200; 605200, 4404200; 605600, 4404000; 605600, 4403600; 605100, 4403300; 604700, 4403400; 604500, 4403300; 604475, 4403175; 604400, 4403100; 604300, 4403100; 604200, 4403000; 604100, 4402900; 604000, 4402900; 603800, 4402800; 603800, 4402600; 603600, 4402400; 603400, 4402400; 603200, 4402500; 603100, 4402400; 602900, 4402400; 602900, 4402100; 602700, 4402100; 602300, 4402600; 602300, 4402700; 601800, 4403300; 601714, 4403300; 601553, 4403500; 601501, 4403499; 601465, 4403621; 601319, 4403663; 601226, 4403595; 601089, 4403571; 600979, 4403503; 600901, 4403569; 600860, 4403446; 600704, 4403566; 600542, 4403475; 600507, 4403530; 600473, 4403563; 600453, 4403580; 600369, 4403651; 600344, 4403642; 600232, 4403605; 599983, 4403679; 599973, 4403678; 599801, 4403662; 599725, 4403718; 599651, 4403697; 599493, 4403839; 599328, 4403862; 599302, 4403865; 599269, 4403870; 599084, 4403634; 599024, 4403611; 598987, 4404400; 598980, 4404543; 598971, 4404723; 598955, 4405388; 598953, 4405458; 598951, 4405529; 598947, 4405677; 598934, 4405719; 598919, 4405750; 598913, 4405762; 598884, 4405795; 598842, 4405846; 598785, 4405905;

598773, 4405921; 598722, 4405972; 598711, 4405983; 598694, 4406000; 598635, 4406058; 598598, 4406103; 598583, 4406127; 598567, 4406159; 598549, 4406210; 598544, 4406234; 598540, 4406255; 598533, 4406421; 598522, 4406815; 598516, 4407133; 598511, 4407496; 598513, 4407515; 598525, 4407568; 598527, 4407571; 598527, 4407589; 598580, 4407812; 598800, 4407900; 598900, 4408100; 599200, 4408400; 600200, 4408900; 600300, 4408800; 600300, 4408400; 600000, 4408100; 600400, 4407600; 599500, 4406700; 599500, 4406200; returning to 600300, 4406000.

(6) Unit 3: Butte County, California. From USGS 1:24,000 scale quadrangle Richardson Springs, Paradise West, Chico. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 607600, 4401300; 607800, 4401100; 607500, 4400800; 606900, 4400800; 605100, 4399800; 605100, 4399600; 606500, 4399500; 606797, 4399330; 606777, 4399300; 606724, 4399252; 606568, 4399265; 606528, 4399272; 606479, 4399279; 606478, 4399279; 606394, 4399264; 606362, 4399238; 606329, 4399210; 606274, 4399169; 606209, 4399135; 606125, 4399122; 606060, 4399122; 605967, 4399131; 605899, 4399134; 605857, 4399134; 605822, 4399130; 605789, 4399116; 605781, 4399138; 605775, 4399149; 605764, 4399152; 605763, 4399152; 605701, 4399142; 605589, 4399116; 605504, 4399107; 605432, 4399110; 605319, 4399064; 605233, 4399045; 605173, 4399034; 605135, 4399023; 605134, 4399023; 605127, 4399023; 605109, 4399023; 605080, 4399025; 605063, 4399025; 605002, 4399051; 604957, 4399069; 604907, 4399092; 604029, 4399508; 603896, 4399435; 603886, 4399435; 603879, 4399436; 603300, 4399523; 603300, 4399600; 602900, 4399600; 603500, 4399800; 604700, 4400200; 604300, 4401300; 604400, 4401400; 604500, 4401300; 604600, 4401300; 604600, 4401400; 604800, 4401400; 604900, 4401400; 604800, 4401600; 605300, 4401900; 605900, 4402000; 606400, 4401800; 607100, 4401400; returning to 607600, 4401300.

(7) Unit 4: Butte County, California. From USGS 1:24,000 scale quadrangles Oroville, Shippee. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 616900, 4376000; 616900, 4375800; 616600, 4375800; 615900, 4375800; 615900, 4377000; 616300, 4377000; 616300, 4378100; 614900, 4378100; 614900, 4378300; 614700, 4378300; 614700, 4378500; 614500, 4378500; 614500, 4378800; 614600, 4378900; 614600, 4379700;

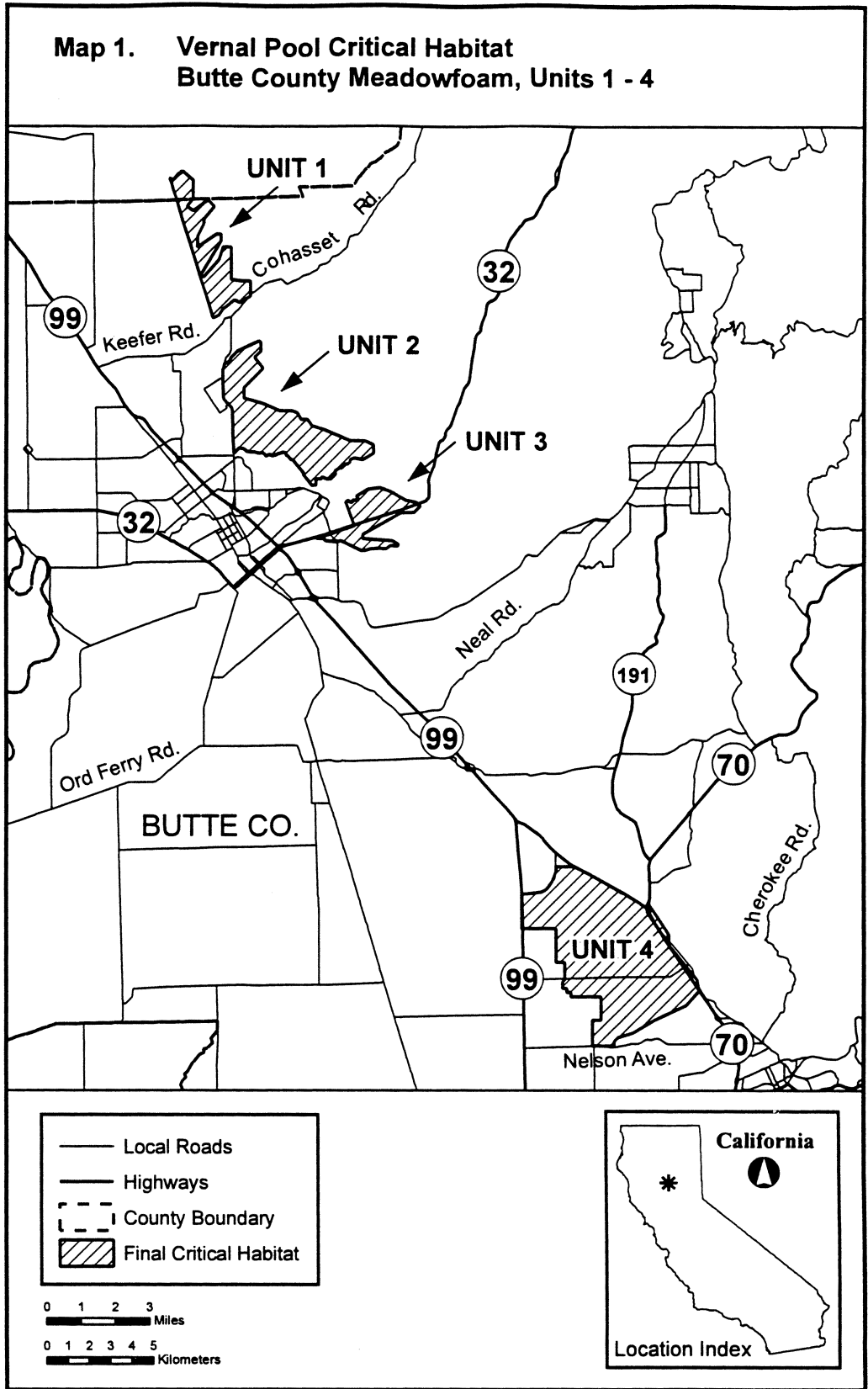
614200, 4379700; 614200, 4381300;
612600, 4381300; 612600, 4382900;
613500, 4383000; 613700, 4383100;
613800, 4383200; 614000, 4383500;
614200, 4384000; 614200, 4384200;
614800, 4384200; 615073, 4384200;
615806, 4383804; 616704, 4383304;

617266, 4382991; 617327, 4382957;
617563, 4382829; 617589, 4382812;
617987, 4382563; 618347, 4382330;
618368, 4382306; 618445, 4382277;
618444, 4382301; 618457, 4382372;
618463, 4382408; 618500, 4382501;
618500, 4382500; 619300, 4381300;

619500, 4381000; 619500, 4380500;
620800, 4378900; 620900, 4378400;
620300, 4377700; 618800, 4377000;
617800, 4376400; 617100, 4376200;
returning to 616900, 4376000.

(8) **Note:** Units 1–4 (Map 1) follow:

BILLING CODE 4310–55–P



BILLING CODE 4310-55-C

Family Poaceae: *Neostapfia colusana*
(Colusa Grass)

(1) Critical habitat units are depicted for Mariposa, Merced, Stanislaus,

Tuolumne, and Yolo Counties, California, on the map below.

(2) The primary constituent elements of critical habitat for *Neostapfia*

colusana (Colusa grass) are the habitat components that provide:

(i) Topographic features characterized by isolated mound and intermound complex within a matrix of surrounding uplands that result in continuously, or intermittently, flowing surface water in the depressional features including swales connecting the pools described in paragraph (2)(ii) of this section, providing for dispersal and promoting hydroperiods of adequate length in the pools; and

(ii) Depressional features including isolated vernal pools with underlying restrictive soil layers that become inundated during winter rains and that continuously hold water or whose soils

are saturated for a period long enough to promote germination, flowering, and seed production of predominantly annual native wetland species and typically exclude both native and nonnative upland plant species in all but the driest years. As these features are inundated on a seasonal basis, they do not promote the development of obligate wetland vegetation habitats typical of permanently flooded emergent wetlands.

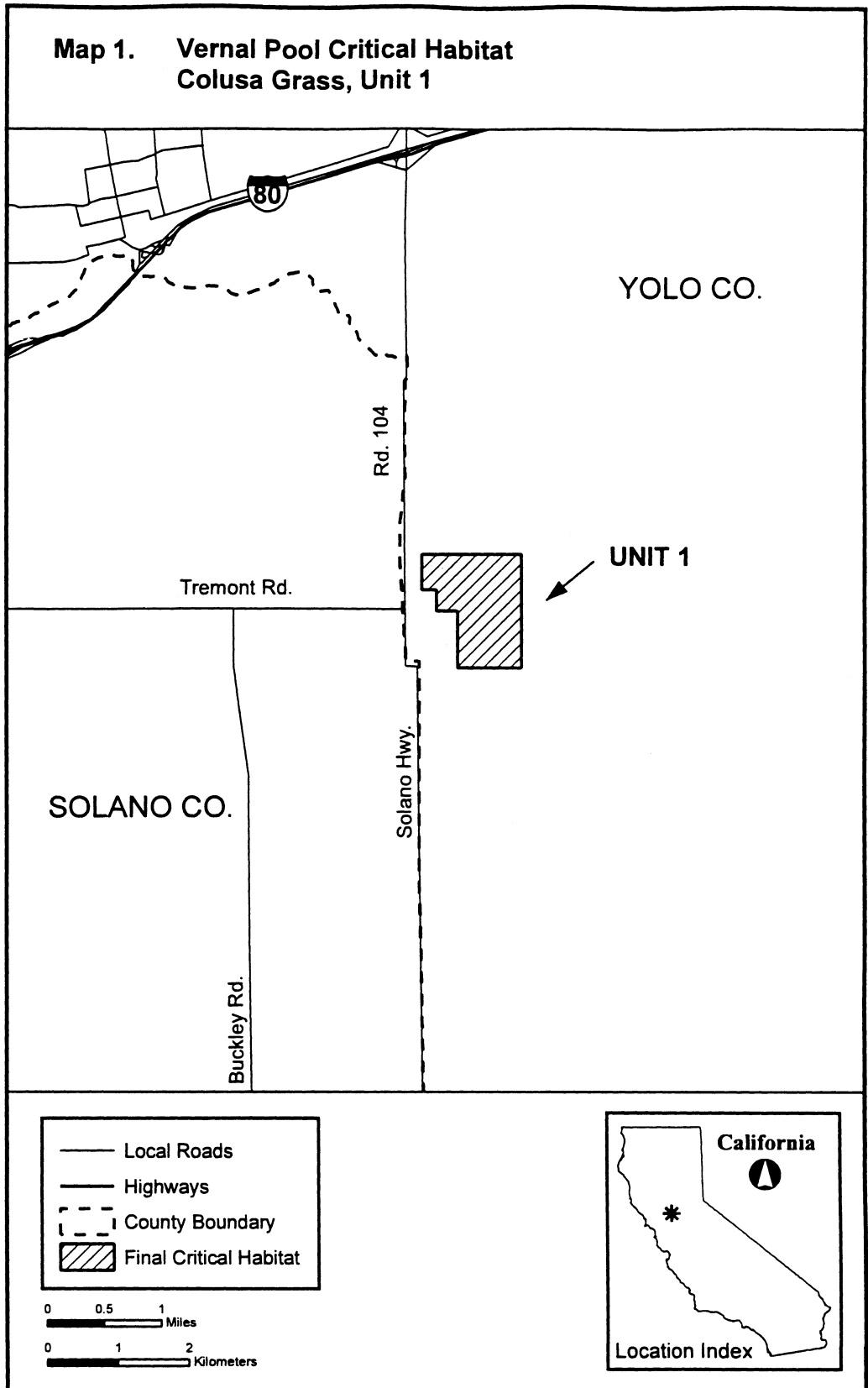
(3) Existing manmade features and structures, such as buildings, roads, railroads, airports, runways, other paved areas, lawns, and other urban landscaped areas do not contain one or

more of the primary constituent elements. Federal actions limited to those areas, therefore, would not trigger a consultation under section 7 of the Act unless they may affect the species and/or primary constituent elements in adjacent critical habitat.

(4) Unit 1: Yolo County, California. From USGS 1:24,000 topographic quadrangles Davis and Saxon: 615400, 4262300; 615400, 4260700; 614500, 4260700; 614500, 4261500; 614200, 4261500; 614200, 4261800; 614000, 4261800; 614000, 4262300; returning to 615400, 4262300.

(5) **Note:** Map Unit 1 (Map 1) follows:

BILLING CODE 4310-55-P



BILLING CODE 4310-55-C

(6) Unit 4: Tuolumne and Stanislaus Counties, California.

(i) Unit 4A: Tuolumne and Stanislaus Counties, California. From USGS 1:24,000 topographic quadrangles Knights Ferry and Keystone. Land bounded by

the following UTM Zone 10, NAD 83 coordinates (E,N): 709919, 4186841; 709913, 4186795; 709477, 4187175; 709275, 4187351; 708435, 4188084;

708351, 4188158; 708264, 4188233;
708132, 4188349; 707999, 4188465;
707639, 4188779; 707607, 4188807;
707900, 4189100; 708400, 4189600;
708700, 4190000; 709200, 4189300;
709200, 4188600; 710100, 4188200;
returning to 709919, 4186841.

(ii) Unit 4B: Stanislaus County, California. From USGS 1:24,000 topographic quadrangles Waterford and Paulsell. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 701282, 4176830; 701345, 4176765; 701756, 4176778; 701600, 4176700; 701600, 4176500; 701600, 4176200; 701700, 4175900; 701800, 4175800; 702000, 4175800; 702000, 4175100; 701600, 4175100; 701600, 4174200; 701900, 4173700; 701800, 4173600; 701700, 4173500; 701700, 4173300; 701700, 4173200; 701600, 4173200; 701500, 4173100; 701500, 4173000; 701600, 4173000; 701600, 4172800; 701500, 4172600; 701300, 4172500; 701100, 4172600; 700700, 4172600; 700600, 4172600; 700500, 4172700; 700500, 4172900; 700400, 4172900; 700400, 4172800; 700100, 4172700; 699600, 4172700; 699500, 4172800; 699300, 4172800; 699100, 4172500; 698800, 4172500; 698700, 4172600; 698400, 4172400; 698100, 4172800; 698200, 4173000; 697400, 4174300; 697300, 4174300; 697300, 4174500; 697800, 4174500; 697800, 4176300; 697700, 4176300; 697700, 4176437; 698090, 4176397; 698085, 4176613; 698084, 4176642; 699300, 4176684; 700500, 4176726; 701204, 4176750; returning to 701282, 4176830.

(iii) Unit 4C: Stanislaus County, California. From USGS 1:24,000 topographic quadrangle Paulsell. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 702000, 4171800; 702000, 4169800; 702200, 4169800; 702200, 4169700; 702200, 4169658; 701000, 4169612; 701000, 4169700; 700700, 4169700; 700700, 4170400; 700700, 4170500; 700550, 4170500; 700500, 4170533; 700500, 4170900; 700300, 4170900; 700300, 4171100; 700300, 4171800; 701200, 4171800; returning to 702000, 4171800.

(iv) Unit 4D: Tuolumne County Stanislaus Counties, California. From USGS 1:24,000 topographic quadrangles Paulsell, Cooperstown, La Grange, Keystone. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 715600, 4180900; 715400, 4180400; 716600, 4180400; 716900, 4179900; 717482, 4180046; 717700, 4180100; 718500, 4180000; 718700, 4179200; 719300, 4178700; 719455, 4178273; 719700, 4177600; 720126, 4177671; 720300, 4177700; 720700, 4177700; 720745, 4177115; 720800, 4176400; 721400, 4175900;

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722800, 4173600; 723000, 4173500;
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724000, 4173300; 724100, 4172300;
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721571, 4170643; 721500, 4170500;
721400, 4170400; 721200, 4170300;
721000, 4170100; 721000, 4169600;
720900, 4169600; 720000, 4168500;
718900, 4168000; 718700, 4168100;
718100, 4168500; 718000, 4168500;
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715900, 4168500; 715600, 4168300;
715500, 4168200; 715400, 4168300;
715400, 4169400; 714900, 4169900;
714900, 4170000; 715100, 4170000;
715200, 4170200; 715300, 4170200;
715300, 4170400; 715300, 4170407;
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715200, 4171000; 715100, 4171000;
715100, 4170700; 714900, 4170700;
714900, 4170300; 713900, 4169800;
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712000, 4169600; 711500, 4169900;
711300, 4169900; 710500, 4169100;
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703200, 4171500; 703400, 4171500;
703400, 4171800; 703600, 4171800;
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703900, 4179200; 703588, 4179200;
703586, 4179240; 704434, 4179184;
705229, 4179481; 706142, 4179326;
708062, 4179408; 708659, 4178568;
709277, 4179043; 709879, 4179505;
709905, 4179525; 711259, 4179578;
711250, 4179933; 711628, 4179987;
711599, 4180753; 711578, 4180885;
713039, 4181325; 713440, 4181474;
714003, 4181741; 714540, 4182019;
714627, 4182073; 714700, 4182000;
715200, 4181600; returning to 715600, 4180900.

(v) Unit 4E: Stanislaus County, California. From USGS 1:24,000 topographic quadrangle Paulsell. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 703100, 4177500; 703000, 4177300; 702911, 4177359; 702906, 4177503; 703100, 4177507; returning to 703100, 4177500.

(7) Unit 5: Stanislaus County, California

(i) Unit 5A: Stanislaus County, California. From USGS 1:24,000 topographic quadrangles Paulsell and

Montpelier: Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 704200, 4166200; 704000, 4166200; 703800, 4166400; 703400, 4166600; 703400, 4166800; 703500, 4166800; 703600, 4166900; 703700, 4167000; 703700, 4167200; 704600, 4167600; 704700, 4167600; 704800, 4167500; 705000, 4167400; 705300, 4167400; 705300, 4166400; 705000, 4166300; 704400, 4166300; returning to 704200, 4166200.

(ii) Unit 5B: Stanislaus and Merced Counties, California. From USGS 1:24,000 topographic quadrangles Paulsell, Cooperstown, La Grange, Montpelier, Turlock Lake, Snelling, Merced Falls. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 720900, 4167500; 721100, 4167400; 721300, 4167700; 721700, 4167700; 722000, 4167600; 722500, 4167600; 723200, 4167100; 723500, 4166300; 723000, 4166100; 723200, 4165600; 723400, 4165700; 723600, 4165600; 723600, 4165100; 723700, 4164900; 724300, 4164900; 725000, 4163700; 725300, 4163800; 724900, 4162800; 725100, 4162700; 725400, 4162700; 726000, 4164100; 726300, 4163500; 726200, 4163100; 726000, 4163000; 726100, 4162700; 726199, 4160629; 726200, 4160600; 725800, 4160600; 725000, 4160200; 725300, 4159800; 726300, 4160200; 727000, 4159500; 727000, 4160400; 727223, 4160623; 727246, 4160646; 727300, 4160700; 727312, 4160647; 727317, 4160625; 727500, 4159800; 727600, 4159800; 727800, 4160400; 728300, 4160400; 728752, 4160658; 728773, 4160670; 729000, 4160800; 729244, 4160678; 729261, 4160670; 730400, 4160100; 730300, 4160500; 730600, 4160600; 730905, 4160871; 731500, 4161400; 731900, 4161400; 732000, 4160800; 731700, 4160700; 732000, 4160000; 733500, 4159000; 733700, 4158700; 733300, 4158600; 733300, 4158300; 733800, 4157700; 733400, 4157100; 731700, 4156900; 730900, 4156500; 728900, 4156600; 728700, 4156700; 728700, 4156800; 728600, 4156900; 728300, 4156900; 728100, 4156800; 727900, 4156800; 727100, 4156800; 726900, 4156600; 726700, 4156500; 726300, 4156500; 726100, 4156600; 725800, 4156500; 725600, 4156400; 725500, 4156300; 725400, 4156200; 725100, 4156100; 725000, 4156000; 724900, 4156000; 724800, 4156100; 724300, 4156100; 724300, 4155700; 723800, 4155700; 723900, 4155300; 723300, 4155400; 722700, 4155100; 722700, 4155400; 722300, 4155400; 722300, 4156800; 722900, 4156800; 722900, 4157400; 723500, 4157400; 723500, 4157000;

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722400, 4164155; 722400, 4165300;
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721500, 4165400; 721500, 4166100;
721000, 4166300; 720700, 4166500;
720900, 4166600; 721000, 4166700;
721100, 4166900; 721000, 4167000;
720300, 4167000; 720100, 4166900;
720200, 4166700; 720200, 4166600;
720100, 4166500; 720000, 4166500;
719800, 4166800; 719500, 4167400;
719500, 4167600; 719700, 4167800;
720500, 4167800; 720700, 4167700;
returning to 720900, 4167500.

(iii) Unit 5C: Merced County, California. From USGS 1:24,000 topographic quadrangle Turlock Lake. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 713800, 4155400; 712600, 4155200; 712600, 4156800; 712900, 4156800; 712900, 4157100; 714800, 4157200; 714800, 4156800; 714300, 4156300; 714200, 4156200; 714000, 4155500; 714000, 4155400; returning to 713800, 4155400.

(iv) Unit 5D: Merced County, California. From USGS 1:24,000 topographic quadrangle Merced Falls. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 734700, 4158000; 734500, 4157900; 734700, 4158000; 734900, 4158300; returning to 734700, 4158000.

(v) Unit 5E: Merced County, California. From USGS 1:24,000 topographic quadrangles Merced Falls. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 735600, 4158100; 736171, 4157529; 735600, 4158100; returning to 735600, 4158100.

(8) Unit 6: Merced and Mariposa Counties, California. From USGS 1:24,000 topographic quadrangles Winton, Yosemite Lake, Snelling, Merced Falls, Haystack Mtn., Indian Gulch. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 737800, 4155000; 738200, 4154200; 738300, 4153300; 739000, 4152800; 739100, 4152200; 740200, 4151800; 740800, 4151500; 740800, 4150300; 741100, 4149900; 741700, 4149400; 742100, 4148500; 742100, 4147100; 743400, 4146100; 744000, 4145600; 744400, 4144600; 744300, 4143900; 743900, 4142700; 744000, 4142000; 744200, 4141700; 745500, 4140300; 745504, 4139577; 745500, 4139576; 745490, 4139575; 745422, 4139619; 745281, 4139676; 745269, 4139653; 745219, 4139621; 745324, 4139603; 745368, 4139567; 745432, 4139432; 745432, 4139432; 745433, 4139429; 745469, 4139385; 745412,

4139359; 745339, 4139307; 745338, 4139306; 745334, 4139300; 745299, 4139239; 745171, 4139174; 745038, 4139064; 744922, 4139007; 744890, 4138973; 744873, 4138873; 744852, 4138807; 744854, 4138756; 744892, 4138670; 744893, 4138653; 744895, 4138606; 744895, 4138606; 744830, 4138711; 744596, 4139085; 744234, 4139637; 744233, 4139645; 744162, 4139744; 744162, 4139744; 744013, 4140002; 744013, 4140002; 743998, 4140029; 743996, 4140030; 743973, 4140072; 743907, 4140195; 743889, 4140229; 743877, 4140264; 743750, 4140609; 743388, 4140868; 743091, 4141131; 743053, 4141165; 742997, 4141268; 742771, 4141692; 742748, 4141734; 742355, 4142343; 742336, 4142368; 742271, 4142457; 742238, 4142503; 742139, 4142637; 742056, 4142749; 742002, 4142823; 741974, 4142874; 741808, 4143176; 741722, 4143360; 741419, 4144010; 741385, 4144081; 741316, 4144328; 741297, 4144395; 741245, 4144456; 741194, 4144530; 741162, 4144608; 741076, 4144820; 740864, 4144897; 740843, 4144899; 740750, 4144952; 740641, 4145056; 740535, 4145175; 740517, 4145182; 740490, 4145240; 740487, 4145263; 740386, 4145415; 740321, 4145847; 740320, 4146066; 740303, 4146114; 740276, 4146159; 740272, 4146225; 740293, 4146273; 740293, 4146303; 740370, 4146426; 740415, 4146474; 740536, 4146602; 740735, 4146722; 740825, 4146775; 741069, 4147251; 741071, 4147549; 741071, 4147576; 740982, 4147830; 740955, 4147883; 740914, 4147967; 740822, 4148059; 740772, 4148182; 740782, 4148363; 740776, 4148391; 740695, 4148831; 740617, 4149151; 740447, 4149311; 740396, 4149534; 740344, 4149561; 740303, 4149575; 740289, 4149588; 740238, 4149636; 740225, 4149666; 740057, 4149659; 739993, 4149678; 739917, 4149678; 739791, 4149621; 739705, 4149597; 739701, 4149596; 739602, 4149593; 739521, 4149560; 739443, 4149542; 739197, 4149515; 738714, 4149273; 738694, 4149252; 738674, 4149251; 738178, 4148999; 737835, 4148823; 737747, 4148772; 737044, 4148135; 736672, 4147809; 736430, 4147669; 735929, 4147379; 735716, 4147219; 735669, 4147184; 735605, 4147136; 735437, 4147009; 735223, 4146848; 735183, 4146809; 735156, 4146798; 735151, 4146778; 735022, 4146655; 734989, 4146630; 734609, 4146349; 734480, 4146255; 734012, 4145909; 733808, 4145758; 733765, 4145739; 733763, 4145732; 733370, 4145442; 732703, 4144952; 732391, 4144910; 732197, 4144885; 731993, 4144850; 731062,

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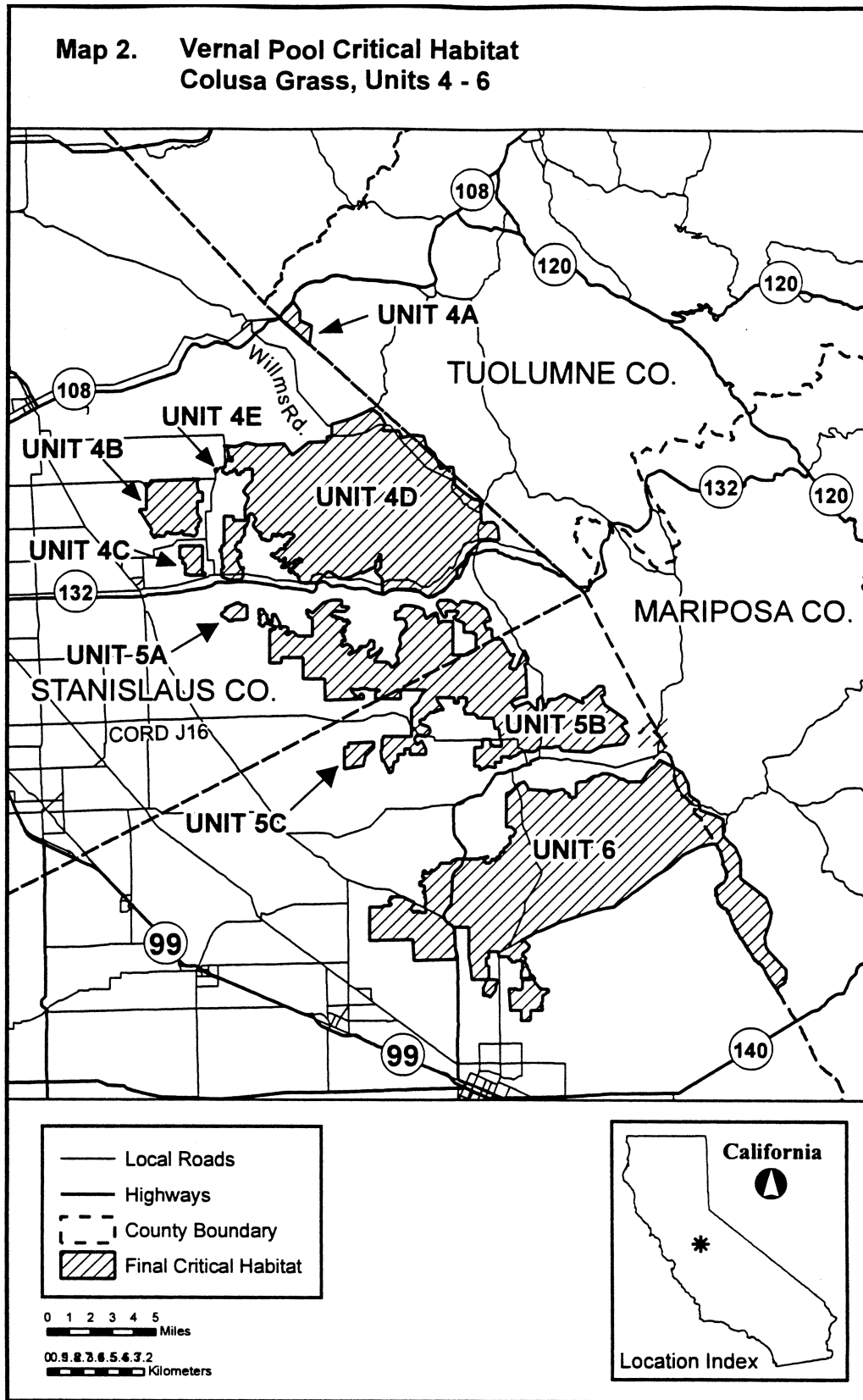
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4154700; 731800, 4154900; 732200,
4154900; 732600, 4154800; 733200,
4154500; 733400, 4154500; 733700,
4154300; 734700, 4154300; 734900,
4154600; 735100, 4154800; 735100,
4154900; 735500, 4155300; 735600,
4155300; 735800, 4155500; 736100,
4155900; 737100, 4155400; 737157,
4155367; returning to 737800, 4155000.

(9) **Note:** Units 4–6 (Map 2) follow:

BILLING CODE 4310–55–P



BILLING CODE 4310-55-C

(10) Unit 7: Merced County, California.

(i) Unit 7A: Merced County, California. From USGS 1:24,000 topographic quad Sandy Mush and El Nido. Land bounded by the following

UTM Zone 10, NAD 83 coordinates (E,N): 718900, 4120900; 718900, 4120000; 719300, 4120000; 719400, 4120200; 719600, 4120100; 720200,

4120100; 720300, 4120200; 720700, 4120200; 720900, 4120000; 721500, 4120000; 721600, 4120100; 722000, 4120100; 722100, 4120000; 722200, 4120200; 722200, 4120300; 722900, 4120300; 722900, 4119600; 722100, 4119500; 722200, 4118400; 725400, 4118500; 725400, 4118578; 725400, 4118582; 726100, 4118600; 726100, 4120100; 728600, 4120100; 728600, 4119200; 727800, 4119200; 727700, 4118600; 727600, 4118500; 727500, 4118500; 727500, 4118400; 727500, 4116900; 726800, 4116900; 726700, 4116900; 726800, 4115300; 725900, 4115300; 725900, 4116900; 724300, 4116900; 724300, 4117600; 722694, 4117506; 722600, 4117600; 721800, 4117600; 721800, 4118400; 720200, 4118400; 720200, 4117600; 719400, 4117600; 719400, 4116700; 718600, 4116700; 718600, 4117000; 718200, 4117100; 718200, 4117200; 718300, 4117300; 718400, 4117400; 718600, 4117400; 718600, 4117500; 718600, 4118291; 718900, 4118300; 718900, 4118900; 718800, 4119000; 718700, 4119000; 718600, 4119100; 717700, 4119100; 717700, 4119900; 718100, 4119900; 718100, 4119950; 718500, 4120000; 718500, 4120900; returning to 718900, 4120900.

(ii) Unit 7B: Merced County, California. From USGS 1:24,000 topographic quadrangle Sandy Mush. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 721300, 4120800; 720500, 4120800; 720500, 4121600; 721300, 4121600; 721300, 4121200; returning to 721300, 4120800.

(iii) Unit 7C: Merced County, California. From USGS 1:24,000 topographic quadrangle El Nido. Land bounded by the following UTM Zone

10, NAD 83 coordinates (E,N): 722900, 4121800; 721800, 4121800; 722200, 4122500; 722900, 4122500; returning to 722900, 4121800.

(iv) Unit 7D: Merced County, California. From USGS 1:24,000 topographic quadrangles Arena, and Turner Ranch: Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 701700, 4130600; 701700, 4129200; 701800, 4129200; 702800, 4129200; 703000, 4128800; 703300, 4128800; 703900, 4128800; 703900, 4129000; 704200, 4129000; 704200, 4128500; 703300, 4128400; 703400, 4128300; 703400, 4127900; 703500, 4127800; 703800, 4127500; 703700, 4127300; 703500, 4127300; 703400, 4127100; 703400, 4126100; 703400, 4126100; 703500, 4126100; 704400, 4126100; 704300, 4126000; 704300, 4126000; 704400, 4125900; 704500, 4125300; 704500, 4124800; 705000, 4124800; 705000, 4125300; 705700, 4125300; 705700, 4124900; 706600, 4125000; 706700, 4123700; 706700, 4122100; 706800, 4120900; 706700, 4120500; 706700, 4119700; 708100, 4119700; 708100, 4119600; 708000, 4119500; 707900, 4119200; 707900, 4119000; 708000, 4118900; 708300, 4118900; 708300, 4118100; 707900, 4118100; 707500, 4118500; 706500, 4118500; 706000, 4118900; 705600, 4119300; 705200, 4119700; 704800, 4120000; 704700, 4120100; 704700, 4120400; 705100, 4120400; 705100, 4120600; 704900, 4120700; 704900, 4120800; 705100, 4120800; 704900, 4121000; 705000, 4121100; 705100, 4121700; 705200, 4121700; 705300, 4122000; 705700, 4122100; 705700, 4122200; 705400, 4122300; 705300, 4122400; 705500, 4122600; 705400, 4122600; 705300, 4122500;

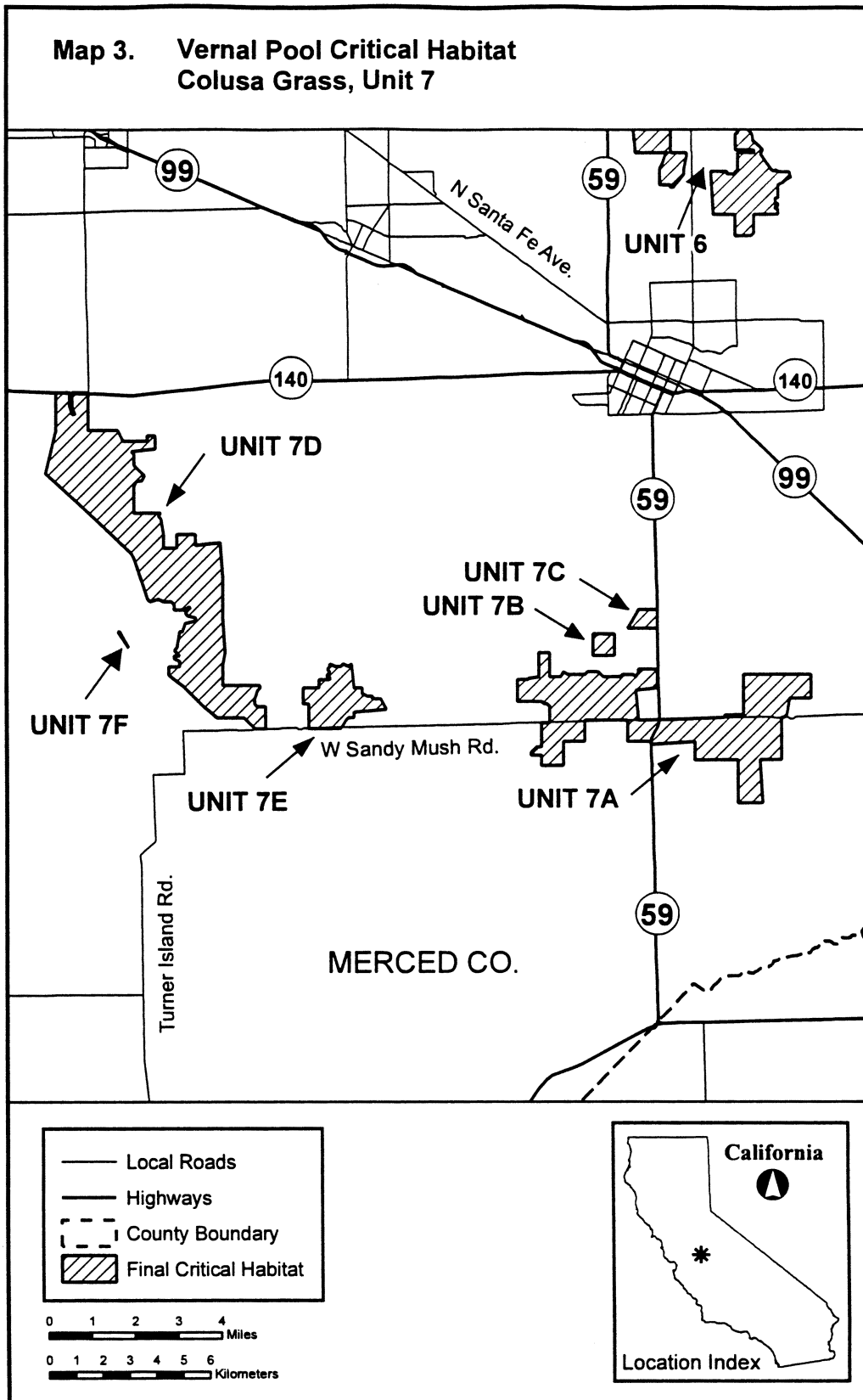
705200, 4122500; 705100, 4122500; 704900, 4122500; 704900, 4122700; 704800, 4122800; 704500, 4122800; 704300, 4122900; 704000, 4122800; 703900, 4122900; 703400, 4124400; 703300, 4124600; 701300, 4126500; 700100, 4127600; 700467, 4129067; 700500, 4129200; 700500, 4130600; 701000, 4130600; 701000, 4130100; 701100, 4129800; 701200, 4129800; 701100, 4130100; 701100, 4130600; returning to 701700, 4130600.

(v) Unit 7E: Merced County, California. USGS 24,000 topographic quadrangles Turner Ranch, and Sandy Mush. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 711200, 4120500; 711400, 4120400; 711500, 4120500; 711600, 4119600; 711900, 4119600; 711900, 411900, 4119400; 712100, 4119300; 712300, 4119300; 712300, 4119200; 712600, 4119200; 712800, 4118800; 711600, 4118700; 711600, 4118500; 711400, 4118500; 711300, 4118400; 711100, 4118100; 709900, 4118100; 709900, 4118800; 709900, 4119000; 709700, 4119000; 4119000; 709700, 4119600; 710300, 4119600; 710300, 4119900; 710700, 4119900; 710700, 4120000; 710600, 4120000; 710600, 4120100; 710700, 4120200; 710600, 4120300; 710700, 4120400; 710700, 4120500; 710900, 4120400; 711100, 4120400; returning to 711200, 4120500.

(vi) Unit 7F: Merced County, California. From USGS 1:24,000 topographic quadrangle Turner Ranch. Land bounded by the following UTM Zone 10, NAD 83 coordinates (E,N): 702870, 4121705; 703200, 4121100; 702800, 4121700; returning to 702870, 4121705.

(vii) **Note:** Unit 7 (Map 3) follows:

BILLING CODE 4310-55-P



BILLING CODE 4310-55-C

Family Poaceae: *Orcuttia inaequalis*
(San Joaquin Valley Orcutt Grass).

(1) Critical habitat units are depicted
for Fresno, Madera, Mariposa, Merced,

and Tulare Counties, California, on the
maps below.

(2) The primary constituent elements
of critical habitat for *Orcuttia inaequalis*