OTAY MOUNTAIN WILDERNESS 16, 931 Acres Designated December 9, 1999 by the Otay Mountain Wilderness Act, Public Law 106-145

This is the final legal description as required in the above mentioned Act. It describes the boundary for the Otay Mountain Wilderness Area located in San Diego County, California and managed by the Bureau of Land Management. The boundary is more particularly described as follows:

Unit 1 - Northerly Parcel

From the corner of sections 36, 1, 2, and 35 on the township line between Ts. 17 and 18 S., R. 1 E., SBM, said point being the point of beginning;

U1- Line POBU1-1

thence easterly on said township line, to point 1, the 1/4 corner of sections 1 and 36;

U1- Line 1-2

thence southerly on the north-south centerline of section 1, to point 2, the center-south 1/16 corner of section 1, T. 18 S., R. 1 E., S.B.M.;

U1- Line 2-3

thence easterly on the east-west centerline of the southeast 1/4 of section 1, to point 3, the southeast 1/16 corner of section 1;

U1- Line 3-4

thence southerly on the north-south centerline of the southeast 1/4 of section 1, to point 4, the east 1/16 corner of sections 1 and 12;

U1- Line 4-5

thence easterly between sections 1 and 12 to point 5, the corner of sections 6, 7, 12, and 1, on the range line between T. 18 S., Rs. 1 and 2 E.,

U1- Line 5-6

thence easterly between sections 6 and 7, T. 18 S., R. 2 E., to point 6, the west-west 1/64 corner of sections 6 and 7;

U1- Line 6-7

thence southerly, on the north-south centerline of the northwest 1/4 of the northwest 1/4 of section 7, to point 7, the intersection of a line parallel with and 100 feet northwesterly of centerline of a jeep trail, said intersection having NAD 1927 coordinates of 32° 37' 32" N.

(32.62556° N.) latitude, 116° 49′ 11″ W. (116.81972° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Dulzura, Calif.", 1997;

U1- Line 7-8

thence southwesterly, changing to southerly, parallel with and 100 feet northwesterly, changing to westerly of said centerline, to point 8, the intersection of the east-west centerline of section 7;

U1- Line 8-9

thence westerly, on the east-west centerline of section 7, to point 9, the 1/4 corner of sections 7 and 12, on the range line between T. 18 S., Rs. 1 and 2 E.;

U1- Line 9-10

thence southerly, on said range line, to point 10, the intersection of a line parallel with and 100 feet northwesterly of centerline of said jeep trail;

U1- Line 10-11

thence southwesterly, changing to northwesterly, parallel with and 100 feet northwesterly, changing to northeasterly of said centerline, to point 11, the intersection of a line perpendicular to and extended easterly from the northerly terminus of said jeep trail, said terminus having NAD 1983 coordinates of 32° 37′ 19″ N. (32.62194° N.) latitude, 116° 49′ 43″ W. (116.82861° W.) longitude, as determined by GPS observations, +/- 2-5 meter accuracy;

U1- Line 11-12

thence on a tangent curve to the left, radius: 100 feet, delta angle: 180°, length of curve: 314.16 feet, to point 12, the intersection of a line parallel with and 100 feet southwesterly of said jeep trail centerline;

U1- Line 12-13

thence southeasterly, changing to northeasterly, parallel with and 100 feet southwesterly, changing to southeasterly of said centerline, to point 13, the intersection of the range line between sections 7 and 12, T. 18 S., Rs. 1 and 2 E.;

U1- Line 13-14

thence southerly, on said range line, to point 14, the corner of sections 7, 18, 13, and 12, T. 18 S., Rs. 1 and 2 E.;

U1- Line 14-15

thence easterly, between sections 7 and 18, T. 18 S., R. 2 E., to point 15, the 1/4 corner of sections 7 and 18;

U1- Line 15-16

thence northerly, on the north-south centerline of section 7, to point 16, the center 1/4 corner of

section 7;

U1- Line 16-17

thence easterly, on the east-west centerline of section 7 and the east-west centerline of section 8, to point 17, the center 1/4 of section 8;

U1- Line 17-18

thence northerly, on the north-south centerline of section 8, to point 18, the center-north 1/16 corner of section 8;

U1- Line 18-19

thence easterly, on the east-west centerline of the northeast 1/4 of section 8, to point 19, the intersection of a line parallel with and 100 feet southeasterly of the centerline of powerline right-of-way CA 5865;

U1- Line 19-20

thence southeasterly, parallel with and 100 feet southwesterly of said right-of-way centerline, to point 20, the intersection the east-west centerline of section 8;

U1- Line 20-21

thence westerly, on said east-west centerline, to point 21, the center-east 1/16 corner of section 8;

U1- Line 21-22

thence southerly, on the north-south centerline of the southeast 1/4 of section 8, to point 22, the east 1/16 corner of sections 8 and 17;

U1- Line 22-23

thence easterly, between sections 8 and 17, to point 23, the corner of sections 9, 16, 17 and 8;

U1- Line 23-24

thence southerly, between sections 16 and 17, to point 24, the intersection of a line parallel with and 100 feet northerly of the centerline of the Otay Mountain Truck Trail (right-of-way CACA 37276);

U1- Line 24-25

thence southwesterly, changing to westerly, parallel with and 100 feet northwesterly, changing to northerly, of said centerline, to point 25, the intersection of the line between sections 13 and 14, T. 18 S., R 1 E.;

U1- Line 25-26

thence northerly, between sections 13 and 14, to point 26, the south-north 1/64 corner of sections

13 and 14;

U1- Line 26-27

thence westerly, on the east-west centerline of the southeast 1/4 of the northeast 1/4 of section 14, to point 27, the intersection of the easterly edge of powerline right-of-way LA 0170775 (25 feet to centerline);

U1- Line 27-28

thence northerly on the easterly edge of said powerline right-of-way LA 0170775 or along a line parallel with and 100 feet easterly of the edge of the centerline of the Minnewawa Road (right-of-way CACA 37276), whichever is farther east, to point 28, the intersection of the east-west centerline of section 2;

U1- Line 28-29

thence easterly, on the east-west centerline of section 2, to point 29, the 1/4 corner between sections 1 and 2;

U1- Line 29-POBU1

thence northerly, between sections 1 and 2, to the point of beginning.

Unit 2 - Southerly Parcel

From the corner of sections 16, 21, 20, and 17, T. 18 S., R. 2 E., SBM, said point being the point of beginning;

U2- Line POBU2-30

thence easterly, between sections 16 and 21, to point 30, the intersection of line 3-4 of the Chief of the Hills Location, Mineral Survey No. 3272A;

U2- Line 30-31

thence southwesterly, on line 4-3 of said claim, to point 31, corner 3 of said claim;

U2- Line 31-32

thence southeasterly, on line 3-2 of said claim, to point 32, corner 2 of said claim, said corner also being corner 3 of the Golden Artery Location, Mineral Survey No. 3272A;

U2- Line 32-33

thence southeasterly on line 3-2 of the said Golden Artery Location claim, to point 33, the intersection of a line parallel with and 100 feet westerly of centerline of a jeep trail, said intersection having approximate NAD 1983 coordinates of 32° 35' 40" N. (32.59444° N.)

latitude, 116° 46′ 22″ W. (116.77278° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1996;

U2- Line 33-34

thence southerly, parallel with and 100 feet westerly of said centerline, to point 34, the intersection of the east-west centerline of section 21;

U2- Line 34-35

thence westerly, on the east-west centerline of section 21, to point 35, the center-east 1/16 corner of section 21;

U2- Line 35-36

thence southerly, on the north-south centerline of the southeast 1/4 of section 21, to point 36, the southeast 1/16 corner of section 21;

U2- Line 36-37

thence westerly, on the east-west centerline of the southeast 1/4 of section 21, to point 37, the center-south 1/16 corner of section 21;

U2- Line 37-38

thence southerly, on the north-south centerline of section 21, to point 38, the 1/4 corner of sections 21 and 28;

U2- Line 38-39

thence easterly, between sections 21 and 28, and sections 22 and 27, to point 39, the intersection of a line parallel with and 100 feet southwesterly of the centerline of a jeep trail, said intersection having NAD 1983 coordinates 32° 35′ 05″ N. (32.58472° N.) latitude, 116° 46′ 07 1/2″ W. (116.76889° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U2- Line 39-40

thence southeasterly, parallel with and 100 feet southwesterly of said centerline, to point 40, the intersection of the east-west centerline of the northwest 1/4 of section 27;

U2- Line 40-41

thence westerly, on the east-west centerline of the northwest 1/4 of section 27, the east-west centerline of the northeast 1/4 of section 28, and the east-west centerline of the northwest 1/4 of section 28, to point 41, the northwest 1/16 corner of section 28;

U2- Line 41-42

thence southerly, on the north-south centerline of the northwest 1/4 of section 28 and the north-

south centerline of the southwest 1/4 of section 28, to point 42, the intersection of a line parallel with and 100 feet northerly of the centerline of a road;

U2- Line 42-43

thence southwesterly, parallel with and 100 feet northwesterly of said centerline to point 43, the intersection of the line between sections 28 and 33;

U2- Line 43-44

thence westerly, between sections 28 and 33, and sections 29 and 32, to point 44, the 1/4 corner of sections 29 and 32;

U2- Line 44-45

thence southerly, on the north-south centerline of section 32, to point 45, the intersection of a line parallel with and 100 feet northerly of the centerline of a road, said intersection having approximate NAD 1983 coordinates of 32° 34′ 15″ N. (32.57083° N.) latitude, 116° 47′ 49½″ W. (116.79722° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1966;

U2- Line 45-46

thence southwesterly, parallel with and 100 feet northwesterly of said centerline to point 46, the intersection of the east-west centerline of the northwest 1/4 of section 32;

U2- Line 46-47

thence westerly, on the east-west centerline of the northwest 1/4 of section 32, to point 47, the northwest 1/16 corner of section 32;

U2- Line 47-48

thence southerly, on the north-south centerline of the northwest 1/4 of section 32, to point 48, the intersection of a line parallel with and 100 feet northerly of the centerline of a pack trail, said intersection having NAD 1983 coordinates of 32° 33' 45" N. (32.56250° N.) latitude, 116° 48' 04½" W. (116.80139° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1996;

U2- Line 48-49

thence westerly, parallel with and 100 feet northerly of said pack trail centerline or 100 feet northerly of the United States/Mexico boundary whichever is farther north, to point 49, the intersection of a line parallel with and 100 feet northeasterly of the centerline of a jeep trail, said intersection at the NAD 1983 W. longitude line of 116° 51′ 13″ (116.85361° W.) as determined by GPS observations, +/- 2-5 meters accuracy;

U2- Line 49-50

thence northwesterly, parallel with and 100 feet northeasterly of centerline of said jeep trail, to point 50, the intersection of a line parallel with and 100 feet southerly of centerline of the Otay Mountain Truck Trail (right-of-way CACA 37276);

U2- Line 50-51

thence northeasterly, parallel with and 100 feet southeasterly of said centerline, to point 51, the intersection of a line parallel with and 100 feet westerly of centerline of Spur Road No. 1, said intersection having NAD 1983 coordinates of 32° 34′ 15″ N. (32.57083° N.) latitude, 116° 51′ 58″ W. (116.86611° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1996;

U2- Line 51-52

thence southerly, parallel with and 100 feet westerly of said centerline, to point 52, the intersection of a line perpendicular to and extended westerly from the centerline of the southerly terminus of said spur road, said centerline terminus having approximate NAD 1983 coordinates of 32° 34′ 09" N. (32.56917° N.) latitude, 116° 51′ 56" W. (116.86556° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1996;

U2- Line 52-53

thence on a tangent curve to the left, radius: 100 feet, delta angle: 180°, length of curve 314.16 feet to point 53, the intersection of a line parallel with and 100 feet easterly of said centerline;

U2- Line 53-54

thence northerly, parallel with and 100 feet easterly of said centerline, to point 54, the intersection of a line parallel with and 100 feet southeasterly of centerline of the Otay Mountain Truck Trail (right-of-way 37276);

U2- Line 54-55

thence northeasterly, parallel with and 100 feet southeasterly of said centerline, to point 55, the intersection of a line parallel with and 100 feet southwesterly of centerline of Spur Road No. 2, said intersection having NAD 1983 coordinates 32° 34′ 53″ N. (32. 58139° N.) latitude, 116° 51′ 02″ W. (116.85056° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1996;

U2- Line 55-56

thence southeasterly, parallel with and 100 feet southwesterly of said centerline, to point 56, the intersection of a line perpendicular to and extended westerly from the southerly terminus of said spur road, said terminus centerline having NAD 1983 coordinates of 32° 34′ 25″ N. (32.57361° N.) latitude, 116° 50′ 30″ W. (116.84167° W.) longitude as determined by GPS observation, +/-

2-5 meters accuracy;

U2- Line 56-57

thence on a tangent curve to the left, radius: 100 feet, delta angle: 180°, length of curve 314.16 feet to point 57, the intersection of a line parallel with and 100 feet northeasterly of said centerline;

U2- Line 57-58

thence northwesterly, parallel with and 100 feet northeasterly of said centerline, to point 58, the intersection of a line parallel with and 100 feet southeasterly of centerline of the Otay Mountain Truck Trail (right-of-way CACA 37276;

U2- Line 58-59

thence generally northeasterly, changing to easterly, parallel with and 100 feet southeasterly, changing to southerly of said centerline, to point 59, the intersection of a line parallel with and 100 feet southwesterly of centerline of Spur Road No. 3, said intersection having NAD 1983 coordinates 32° 36′ 04″ N. (32.60111° N.) latitude, 116° 49′ 12″ W. (116.82000° W.) longitude as scaled from the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1966;

U2- Line 59-60

thence southeasterly, parallel with and 100 feet southwesterly of said centerline, to point 60, the intersection of a line parallel with and 100 feet northerly of the westerly extension of the centerline of Spur Road No. 3, said intersection being westerly of a peak having a spot elevation of 3278 feet as shown on the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1966;

U2- Line 60-61

thence southwesterly, parallel with and 100 feet northwesterly of said centerline, to point 61, the intersection of a line perpendicular to and extended northwesterly from the westerly terminus of said spur road centerline, said centerline terminus having NAD 1983 coordinates of 32° 35′ 54″ N. (32.59833° N.) latitude, 116° 49′ 27″ W. (116.82417° W.) longitude, as determined by GPS observations, +/- 2-5 meter accuracy, said terminus being southerly of a peak having a spot elevation of 3551 feet as shown on the USGS 7.5 minute quadrangle "Otay Mountain, Calif.", 1996;

U2- Line 61-62

thence on a tangent curve to the left, radius: 100 feet, delta angle 180°, length of curve 314.16 feet to point 62, the intersection of a line parallel with and 100 feet southeasterly of said centerline;

U2- Line 62-63

thence northeasterly, changing to easterly, parallel with and 100 feet southeasterly, changing to southerly, of said centerline, to point 63, the intersection of a line parallel with and 100 feet southeasterly of the easterly bearing centerline of the Spur Road No. 3;

U2- Line 63-64

thence easterly, parallel with and 100 feet southerly of said centerline to point 64, the intersection of a line perpendicular to and extended southerly from the easterly bearing centerline terminus, said terminus centerline having NAD 1983 coordinates of 32° 35′ 54″ N. (32.59833° N.) latitude, 116° 48′ 26″ W. (116.80722° W.) longitude as determined by GPS observations, +/-2-5 meter accuracy, said jeep trail terminus being northeasterly of a peak having a spot elevation of 3124 feet as shown on the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1996;

U2- Line 64-65

thence on a tangent curve to the left, radius: 100 feet, delta angle: 180°, length of curve: 314.16 feet to point 65, the intersection of a line parallel with and 100 feet northerly said centerline;

U2- Line 65-66

thence westerly, parallel with and 100 feet northerly of said centerline, to point 66, the intersection of a line parallel with and 100 feet northeasterly of the centerline of a jeep trail, said intersection being northerly of a peak having a spot elevation of 3278 feet as shown on the USGS 7.5 minute quadrangle "Otay Mountain, CA-BCN", 1996;

U2- Line 66-67

thence northwesterly, parallel with and 100 feet northeasterly of said centerline, to point 67, the intersection of a line parallel with and 100 feet southerly of the centerline of the Otay Mountain Truck Trail (right-of-way CACA 37276);

U2- Line 67-68

thence generally northeasterly, parallel with and 100 feet southeasterly of said centerline to point 68, the intersection of the line between sections 16 and 17, T 18 S., R. 2 E.;

U2- Line 68-POBU2

thence southerly, between sections 16 and 17, to the point of beginning.

Unit 3 - Westerly Parcel

From the center 1/4 corner of section 3, T. 18 S., R. 1 E., SBM, said point being the point of beginning;

U3- Line POBU3-69

thence easterly, on the east-west centerline of section 3 and the east-west centerline of section 2,

to point 69, the intersection of a line parallel with and 100 feet westerly of the centerline of the Minnewawa Road (right-of-way CACA 37276) or the westerly edge of powerline right-of-way LA 0170775 (25 feet to centerline), whichever is farther west;

U3- Line 69-70

thence southerly parallel with and 100 feet westerly of the centerline of the Minnewawa Road right-of-way CACA 37276) or the westerly edge of powerline right-of-way LA 0170775 (25 feet to centerline), whichever is farther west, to point 70, the intersection of the NAD 1983 N. latitude line of 32° 36′ 04 1/2" (32.60139° N.) as scaled from the U.S.G.S. 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U3- Line 70-71

thence westerly to point 71, said point having NAD 1983 coordinates of 32° 36′ 04 1/2" N. (32.60139° N.) latitude, 116° 50′ 41" W. (116.84472° W.) longitude as scaled from the U.S.G.S. 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U3- Line 71-72

thence southerly to point 72, said point having NAD 1983 coordinates of 32° 35' 49" N. (32.59694° N.) latitude, 116° 50' 41" W. (116.84472° W.) longitude as scaled from the U.S.G.S. 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U3- Line 72-73

thence westerly to point 73, said point having NAD 1983 coordinates of 32° 35' 49" N. (32.59694° N.) latitude, 116° 50' 50" W. (116.84722° W.) longitude as scaled from the U.S.G.S. 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U3- Line 73-74

thence southerly, to point 74, said point having NAD 1983 coordinates of 32° 35' 40" N. (32.59444° N.) latitude, 116° 50' 50" W. (116.84722° W.) longitude as scaled from the U.S.G.S. 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U3- Line 74-75

thence westerly to point 75, said point having NAD 1983 coordinates of 32° 35' 40" N. (32.59444° N.) latitude, 116° 51' 13" W. (116.85361° W.) longitude as scaled from the U.S.G.S. 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U3- Line 75-76

thence southerly to point 76, said point having NAD 1983 coordinates of 32° 35' 32" N. (32.59222° N.) latitude, 116° 51' 13" W. (116.85361° W.) longitude as scaled from the U.S.G.S. 7.5 minute quadrangle "Otay Mountain, CA-BCN" 1996;

U3- Line 76-77

thence East to point 77, the intersection of a line parallel with and 100 feet northwesterly of centerline of the Otay Mountain Truck Trail (right-of-way CACA 37276);

U3- Line 77-78

thence southwesterly, parallel with and 100 feet northwesterly of said centerline, to point 78, the intersection of the line between sections 28 and 29;

U3- Line 78-79

thence northerly, between sections 28 and 29, and between sections 20 and 21, to point 79, the 1/4 corner between sections 20 and 21;

U3- Line 79-80

thence westerly, on the east-west centerline of section 20, to point 80, the center-west 1/16 corner of section 20;

U3- Line 80-81

thence northerly, on the north-south centerline of the northwest 1/4 of section 20, to point 81, the center-south-northwest 1/64 corner of section 20;

U3- Line 81-82

thence westerly, on the east-west centerline of the southwest 1/4 of the northwest 1/4 of section 20, to point 82, the south-north 1/64 corner between sections 19 and 20;

U3- Line 82-83

thence northerly, between sections 19 and 20, to point 83, the section corner of sections 17, 20, 19, and 18;

U3- Line 83-84

thence westerly, between sections 18 and 19, to point 84, the 1/4 corner between sections 18 and 19;

U3- Line 84-85

thence northerly, on the north-south centerline of section 18, to point 85, the center 1/4 corner of section 18;

U3- Line 85-86

thence easterly, on the east-west centerline of section 18 and the east-west centerline of section 17 to point 86, the 1/4 corner of sections 16 and 17;

U3- Line 86-87

thence southerly, between sections 16 and 17, to point 87, the corner of sections 16, 21, 20, and 17;

U3- Line 87-88

thence easterly, between sections 16 and 21, to point 88, the corner of sections 15, 22, 21, and 16;

U3- Line 88-89

thence northerly, between sections 15 and 16, to point 89, the corner of sections 10, 15, 16 and 9;

U3- Line 89-90

thence westerly, between sections 9 and 16, to point 90, the east 1/16 corner of sections 9 and 16;

U3- Line 90-91

thence northerly, on the north-south centerline of the southeast 1/4 and the north-south centerline of the northeast 1/4 of section 9, to point 91, the northeast 1/16 corner of section 9;

U3- Line 91-92

thence easterly, on the east-west centerline of the northeast 1/4 of section 9, to point 92, the north 1/16 corner of sections 9 and 10;

U3- Line 92-93

thence northerly, between sections 9 and 10, and sections 3 and 4, to point 93, the south 1/16 corner of sections 3 and 4;

U3- Line 93-94

thence easterly, on the east-west centerline of the southwest 1/4 of section 3, to point 94, the southwest 1/16 corner of section 3;

U3- Line 94-95

thence northerly, on the north-south centerline of the southwest 1/4 and the north-south centerline of the northwest 1/4 of section 3, to point 95, the northwest 1/16 corner of section 3;

U3- Line 95-96

thence easterly, on the east-west centerline of the northwest 1/4 of section 3, to point 96, the center-north 1/16 corner of section 3;

U3- Line 96-POBU3

thence southerly, on the north-south centerline of section 3, to the point of beginning.

END OF DESCRIPTION

The above description containing approximately 16,931 acres utilizes the Dulzura, Jamul Mountains, Otay Mesa, and Otay Mountain 7.5 minute quadrangle maps prepared by the U.S.G.S. The boundary calls listed herein are, in part, determined by GPS observation or are a result of scaling distances from said quadrangle maps and are not a result of survey. All courses have been depicted upon the above-mentioned quadrangle maps and are made a part of this official record. Acreage is calculated from the BLM California State Office ArcInfo wilderness coverage.

I hereby certify the legal description and map herewith represent the location of the boundary of the Otay Mountain Wilderness area designated by the Otay Mountain Wilderness Act, Public Law 106-145, dated December 9, 1999.

Signed:

Chief Canastral Surveyor, California

ay 21, 2011

Date

I hereby certify the legal description and map herewith represent the location of the boundary of the Otay Mountain Wilderness area designated by the Otay Mountain Wilderness Act, Public Law 106-145, dated December 9, 1999.

Signed:

state Director, California

Data