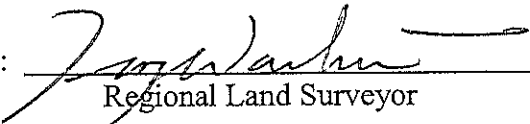


NATIONAL WILDERNESS PRESERVATION SYSTEM

Arc Dome Wilderness

Humboldt-Toiyabe National Forest, Intermountain Region

I hereby certify that the boundary description and map/s made a part of this description herewith represents the location of the boundary of the Arc Dome Wilderness on the Toiyabe National Forest.

Signed:  Date: 6/9/2008
Regional Land Surveyor

I hereby certify and accept the boundary description and map of the Arc Dome Wilderness on the Toiyabe National Forest as entered into the National Wilderness Preservation System under the Nevada Wilderness Protection Act of 1989. Public Law 101-195.

Signed:  Date: 6/17/2008
Regional Forester

ARC DOME WILDERNESS LEGAL DESCRIPTION

The area included in the Arc Dome Wilderness is located within the Toiyabe National Forest, Intermountain Region and within Nye County, Nevada in accordance with the Nevada Wilderness Protection Act of 1989 (P.L. 101-195). The official boundary description and final maps are on file and available in the offices of the Forest Supervisor, Humboldt-Toiyabe National Forest, Sparks, Nevada and the Regional Forester, Intermountain Region, Ogden Utah. The Arc Dome Wilderness consists of an area of 120,500 acres, more or less, which was computed from 1:24,000 scale, 7 1/2 minute quadrangle maps using the Forest's Geographic Information System (GIS). A detailed description of the boundary follows:

Beginning at the south 1/4 corner of Section 32, T. 13 N., R. 41 E., Mt. Diablo Base and Meridian, (MDB&M);

thence NORTH approximately 2,700 feet along the north-south centerline of Section 32, T. 13 N., R. 41 E., MDB&M, to a point which lies 100 feet south of and perpendicular to the centerline of USFS Road no. 43017;

thence southeasterly approximately 13,200 feet along a line parallel with and 100 feet south of the centerline of USFS Road no. 43017 to a point in OPHIR WASH which lies 100 feet easterly of and perpendicular to the centerline of USFS Road no. 43017;

thence northerly approximately 600 feet to a point 100 feet easterly of and perpendicular to the centerline of USFS Road no. 43017;

thence easterly approximately 11,000 feet along a line parallel with and 100 feet south of the centerline of USFS Road no. 43017 to a saddle with an elevation of approximately 10,109 feet coincident with the boundary between the AUSTIN and TONOPAH RANGER DISTRICTS;

thence southerly approximately 3,300 feet ascending along a ridge coincident with said administrative boundary to a peak with an elevation of 10,583 feet;

thence southwesterly approximately 1,300 feet descending along a ridge coincident with said administrative boundary to a saddle at an elevation of approximately 10,260 feet;

thence southerly approximately 2,200 feet along a ridge coincident with said administrative boundary to a peak with an elevation of approximately 10,800 feet;

thence southeasterly approximately 2,200 feet to a point on a saddle which lies northerly approximately 200 feet from USFS Trail no. 24029;

thence southeasterly approximately 600 feet to a minor peak with an approximate elevation of 10,160 feet;

thence southeasterly approximately 800 feet descending to a point on a saddle;

thence southeasterly approximately 2,700 feet ascending to SOUTH TOIYABE PEAK, elevation 10,895 feet;

thence southeasterly approximately 2,400 feet descending a ridge to a point in the head of an unnamed tributary of LAST CHANCE CREEK;

thence northeasterly approximately 2,400 feet descending said unnamed tributary of LAST CHANCE CREEK to a point with an elevation of 9,200 feet;

thence easterly approximately 6,100 feet along elevation 9,200 feet to a point on a ridge between LAST CHANCE CREEK and HERCULES CREEK;

thence easterly along a ridge line approximately 1,800 feet to a minor peak with an approximate elevation of 8,960 feet;

thence southeasterly approximately 1,000 feet to a minor peak with an approximate elevation of 8,440 feet;

thence southwesterly approximately 4,600 feet to a minor peak with an approximate elevation of 9,080 feet;

thence southerly approximately 1,300 feet descending a minor draw to a point in an unnamed tributary of NORTH TWIN RIVER;

thence southeasterly approximately 5,000 feet descending said unnamed tributary of NORTH TWIN RIVER to the confluence with NORTH TWIN RIVER;

thence southerly approximately 500 feet ascending a minor draw to a point with an elevation of 6,800 feet;

thence easterly approximately 700 feet along elevation 6,800 feet to a point in a minor draw;

thence northeasterly approximately 900 feet to a point 200 feet southwesterly from the intersection of USFS Road no. 43080 and a unimproved road to the west ascending NORTH TWIN RIVER;

thence southeasterly approximately 1,900 feet along a line 200 feet southerly and westerly of and parallel with the centerline of the said road no. 43080, access for SOUTH TWIN RIVER trailhead, to an elevation of 6,300 feet;

thence southeasterly approximately 1,800 feet along elevation 6,300 feet to a point on a ridge;

thence southwesterly approximately 2,600 feet to a minor peak with an approximate elevation of 6,640 feet;

thence southerly approximately 500 feet to a point on a spur ridge with an elevation of 6,700 feet;

thence southwesterly approximately 2,000 feet along elevation 6,700 feet to a point with a Longitude of 117° 15' 00" West, North American Datum of 1927;

thence SOUTH approximately 500 feet to an angle point with a Latitude of 38° 52' 30" North and a Longitude of 117° 15' 00" West, North American Datum of 1927;

thence EAST approximately 500 feet to a point with a Latitude of 38° 52' 30" North and an elevation of 7,100 feet;

thence northeasterly approximately 1,300 feet along elevation 7,100 feet to a spur ridge;

thence northwesterly approximately 400 feet descending said spur ridge to a point with an elevation of 6,900 feet;

thence northeasterly approximately 1,500 feet along elevation 6,900 feet to a point in a minor draw;

thence northwesterly approximately 400 feet descending said minor draw to a point with an elevation of 6,700 feet;

thence northeasterly approximately 2,600 feet along elevation 6,700 feet to a point on a ridge;

thence northerly approximately 500 feet descending said ridge line to a point with an elevation of 6,400 feet;

thence easterly approximately 1,100 feet to the west 1/4 corner of Section 14, T. 12 N. R. 42 E. MDB&M, Dependent Resurvey, Group No. 764, approved March 3, 1998;

thence southeasterly approximately 2,700 feet to a point in a drainage with an elevation of 6,100 feet;

thence southeasterly approximately 1,700 to the south 1/4 corner of said Section 14, T. 12 N. R. 42 E. MDB&M;

thence southeasterly approximately 1,800 feet to a point in a drainage with an elevation of 6,200 feet;

thence southeasterly approximately 4,000 feet to a point in a drainage with an elevation of 6,000 feet;

thence southwesterly approximately 3,400 feet to a peak with an elevation of 6,620 feet;

thence southeasterly approximately 2,200 feet to point on a spur with an elevation of 6,200 feet;

thence southerly and southeasterly approximately 4,200 feet along elevation 6,200 feet to a point in a drainage;

thence southerly and southwesterly approximately 1,100 feet ascending said drainage to elevation 6,400 feet;

thence southerly approximately 5.25 miles along elevation 6,400 feet to a point in a draw, said point being southwest approximately 500 feet from a peak with an elevation of 6,523 feet;

thence westerly approximately 500 feet ascending said draw to with an elevation of 6,600 feet;

thence southwesterly approximately 2,500 feet along elevation 6,600 feet to a point on a ridge said point being north of BROAD CREEK;

thence southerly approximately 700 feet to a point in an unnamed tributary of BROAD CREEK with an elevation of 6,560 feet;

thence southerly approximately 400 feet to a spur ridge at an elevation of 6,800 feet;

thence approximately S. 60° E., 400 feet to a point on a spur ridge at an approximate elevation of 6,800 feet, said point being 200 feet west of USFS Rd no. 43212;

thence southerly approximately 1,600 feet ascending a spur ridge to a point with an elevation of approximately 7,560 feet;

thence southeasterly approximately 1,600 feet to a minor peak with an elevation of approximately 7,240 feet;

thence southwesterly approximately 1,000 feet to a point on a ridge with an elevation of approximately 7,480 feet;

thence southerly approximately 300 feet to the head of a minor draw with an elevation of 7,400 feet;

thence southerly approximately 1,400 feet to a point in a drainage with an elevation of 7,000 feet;

thence southerly approximately 2,600 feet to a point in a drainage with an elevation of 7,400 feet;

thence southwesterly approximately 1,600 feet to a peak with an elevation of 8,180 feet;

thence northwesterly approximately 6,300 feet along ridge line through a peak with an elevation of 8,427 feet and a peak with an elevation of 8,390 feet, to a peak with an elevation of 8,438 feet;

thence northwesterly approximately 700 feet to a point on a ridge with an elevation of 8,600 feet;

thence westerly approximately 600 feet along elevation 8,600 feet to a point in a minor draw;

thence southwesterly approximately 5,300 feet descending said draw/drainage to a point with an elevation of 7,000 feet;

thence southwesterly approximately 1,600 feet to a point on a ridge with an elevation of approximately 7,490 feet;

thence southwesterly approximately 2,500 feet to a peak with an elevation of 7,932 feet;

thence southwesterly approximately 1,900 feet to the head of a minor drainage with an elevation of 7,800 feet;

thence southwesterly approximately 3,000 feet descending along said minor drainage to the confluence with the main drainage in PABLO CANYON;

thence northwesterly approximately 5,000 feet ascending along main PABLO CANYON drainage to a point at the confluence of an unnamed drainage of PABLO CANYON and the main PABLO CANYON drainage;

thence northwesterly approximately 4,800 feet ascending the ridge between two aforesaid drainages to a point on the ridge with an elevation of 7,720 feet;

thence westerly approximately 2,000 feet to a point in a minor drainage with an elevation of 7,640 feet;

thence southwesterly approximately 3,400 feet to a peak with an elevation of 8,222 feet;

thence southerly approximately 1000 feet to a point 50 feet westerly of the westernmost point in the centerline of USFS Road No. 44157 to WALL CANYON MINE;

thence southerly approximately 4700 feet to a peak with an elevation of 8,597 feet;

thence southwesterly approximately 4,000 feet to a peak with an elevation of 8,902 feet;

thence northwesterly approximately 1,500 feet to the head of a minor draw;

thence westerly approximately 900 feet descending said minor draw to the confluence of a minor drainage;

thence westerly approximately 5,000 feet descending said minor drainage to a point with an elevation of 7,200 feet;

thence southwesterly approximately 400 feet to a spur ridge with an elevation of 7,290 feet;

thence westerly approximately 1,000 feet descending a minor draw to an elevation of 7,000 feet;

thence westerly approximately 300 feet to a point, 100 feet northerly of the TOM'S CANYON Trailhead facilities;

thence westerly approximately 100 feet to a point 100 feet westerly of said facilities and USFS Road No. 43020A;

thence southerly approximately 2,400 feet parallel with and 100 feet westerly of said road to a point in a drainage;

thence southwesterly approximately 700 feet to a spur ridge at an elevation of 7,000 feet;

thence northwesterly approximately 2,900 feet to a point in a minor drainage with an elevation of 6,960 feet;

thence northwesterly approximately 3,000 feet to a point on a spur ridge between two minor draws with an elevation of 7,160 feet;

thence northwesterly approximately 2,000 feet along elevation 7,160 feet to a point in a minor draw;

thence southwesterly approximately 700 feet to a point on a ridge between PEAVINE CANYON and DEER CANYON with an elevation of 7,120 feet;

thence southerly approximately 800 feet to a point on a ridge between POPLAR CANYON and PEAVINE CANYON with an elevation of 7,080 feet;

thence southeasterly approximately 3,900 feet to a point in a minor drainage with an elevation of 7,040 feet;

thence southeasterly approximately 2,100 feet to a point on a spur ridge with an elevation of 7,000 feet;

thence southerly approximately 900 feet to a point in a minor drainage with an elevation of 6,880 feet;

thence southerly approximately 1,400 feet to a peak with an elevation of 7,293 feet;

thence northwesterly approximately 1,700 feet to a point in a minor drainage with an elevation of 7,000 feet;

thence westerly approximately 4,400 feet ascending said minor drainage to a point on a ridge at the head of a minor draw with an elevation of 8,200 feet;

thence southwesterly approximately 600 feet along the ridge line to a peak with an elevation of 8,317 feet;

thence southwesterly approximately 3,200 feet along a ridge line to a peak with an elevation of approximately 8,580 feet;

thence southwesterly and westerly approximately 2,200 feet along a ridge line to a peak with an elevation of 8,871 feet;

thence westerly approximately 700 feet to a point in a minor drainage with an elevation of 8,600 feet;

thence westerly approximately 1,800 feet to a point in a draw with an elevation of 8,600 feet;

thence westerly approximately 1,700 feet to a peak with an elevation of 8,927 feet;

thence westerly approximately 3,000 feet along a ridge line to a point on a peak with an elevation of approximately 8,960 feet;

thence northwesterly approximately 400 feet to a point on a saddle at the head of a minor draw;

thence southwesterly approximately 800 feet descending said minor draw to a point with an elevation of 8,600 feet;

thence northwesterly approximately 2,200 feet along elevation 8,600 feet to a point in a minor draw;

thence northwesterly approximately 400 feet ascending said minor draw to a point with an elevation of 8,800 feet;

thence northwesterly approximately 1,200 feet along elevation 8,800 feet to a point on a spur ridge;

thence westerly approximately 4,200 feet to a point on a ridge with an elevation of approximately 8,260 feet;

thence northwesterly approximately 3,500 feet ascending ridge line to a peak with an elevation of approximately 9,300 feet;

thence southwesterly approximately 1,600 feet to a peak with an elevation of 9,396 feet;

thence southwesterly approximately 2,000 feet to a minor peak with an elevation of approximately 9,240 feet;

thence northwesterly approximately 3,000 feet to a minor peak with an elevation of approximately 8,760 feet;

thence northeasterly approximately 1,700 feet to a minor peak with an elevation of approximately 9,000 feet;

thence northeasterly approximately 2,000 feet to a point on a ridge at the head of a minor draw with an elevation of 8,880 feet;

thence northerly approximately 1,400 feet to a peak with an elevation of 8,967 feet;

thence northwesterly approximately 1,800 feet descending a spur ridge to a point with an elevation of 8,600 feet;

thence northwesterly approximately 1,600 feet to a minor peak with an elevation of approximately 8,680 feet;

thence northwesterly approximately 2,000 feet to a point on a ridge at the head of a minor draw with an elevation of 8,560 feet;

thence northerly approximately 2,200 feet ascending a ridge to a peak with an elevation of 8,830 feet;

thence northerly approximately 1,000 feet to a minor peak with an approximate elevation of 8,770 feet;

thence northeasterly approximately 2,800 feet descending a ridge to the junction of Trails No. 24113 and No. 24114;

thence northerly approximately 2.1 miles along a line 10 feet easterly of and parallel to the centerline of Trail no. 24114 to a point with an elevation of 8,800 feet;

thence northerly approximately 2,500 feet to a peak with an elevation of 9,362 feet;

thence northeasterly approximately 3,000 feet along a ridge line through a minor peak with an elevation of approximately 9,210 feet to a minor peak with an elevation of 9,162 feet;

thence northwesterly approximately 1,400 feet to the lowest point in a saddle with an elevation of approximately 8,720 feet;

thence northwesterly approximately 3,900 feet to a peak with an elevation of approximately 8,970 feet;

thence northeasterly approximately 2,300 feet to a peak on MAHOGANY HILL with an elevation of approximately 9,100 feet;

thence northeasterly approximately 3,400 feet through a saddle and continuing straight to an elevation of 8,760 feet;

thence NORTH approximately 600 feet to a ridge line;

thence northerly approximately 2.1 miles descending along said ridge line to a point in a drainage with an elevation of 8,000 feet, said point being northeast approximately 300 feet from COW CANYON Trailhead;

thence northwesterly approximately 3,300 feet to a point on a spur ridge with an elevation of 8,200 feet;

thence northwesterly approximately 2,800 feet to a point in a drainage with an elevation of 8,000 feet;

thence northwesterly approximately 5,300 feet to a point in a drainage with an elevation of 8,040 feet;

thence northwesterly approximately 1,800 feet to a point in a drainage with an elevation of 8,000 feet;

thence northwesterly approximately 1,800 feet to a peak with an elevation of 8,659 feet;

thence northeasterly approximately 3,100 feet to a minor peak with an elevation of approximately 8,330 feet;

thence northeasterly approximately 600 feet to the head of a minor drainage with an elevation of 8,160 feet;

thence northerly approximately 700 feet descending said minor drainage to a point with an elevation of 8,000 feet;

thence northeasterly approximately 1,200 feet along elevation 8,000 feet to a point on a spur ridge;

thence northerly approximately 3,300 feet descending along said spur ridge line to a point with an elevation of approximately 7,600 feet;

thence northerly approximately 2,400 feet to a point at the head of a minor drainage with an elevation of approximately 7,360 feet;

thence northeasterly approximately 1,800 feet to the southwest corner of Section 34, T. 12 N., R. 40 E., MDB&M;

thence NORTH approximately 1 mile along the west boundary of Section 34 to the corner common to Sections 27, 28, 33, and 34, T. 12 N., R. 40 E., MDB&M;

thence NORTH approximately 1,305 feet along the west boundary of Section 27 to the South 1/16 corner common to Sections 27 and 28, T. 12 N., R. 40 E., MDB&M;

thence northeasterly approximately 1,300 feet to a minor peak with an elevation of approximately 7,225 feet;

thence northeasterly approximately 1,200 feet to a minor peak with an elevation of approximately 7,385 feet;

thence northeasterly approximately 1,400 feet to a minor peak with an elevation of approximately 7,480 feet;

thence southeasterly approximately 1,800 feet to a minor peak with an elevation of approximately 7,500 feet;

thence southeasterly approximately 800 feet to a point in a drainage with an elevation of 7,340 feet;

thence northeasterly, easterly and southeasterly approximately 4,500 feet ascending said drainage to a point with an elevation of 7,740 feet;

thence southeasterly approximately 2,300 feet ascending a ridge to a point on a northeast facing ridge with an elevation of 8,140 feet;

thence northeasterly approximately 2,900 feet to a minor peak with an elevation of approximately 7,790 feet;

thence northeasterly approximately 1,600 feet to the C-E 1/16 corner of Section 25, T 12 N., R. 40 E., MDB&M, Dependent Resurvey Group No. 528, approved December 30, 1980;

thence northerly approximately 1,310 feet to the NE 1/16 of Section 25;

thence northeasterly approximately 1,500 feet to a point in a minor drainage with an elevation of 7,820 feet;

thence easterly approximately 800 feet ascending said minor drainage to a point with an elevation of 7,960 feet;

thence southeasterly approximately 4,600 feet ascending a spur ridge to a peak with an elevation of approximately 8,750 feet;

thence northeasterly approximately 2,000 feet ascending along ridge line to a peak with an approximate elevation of 9,030 feet;

thence easterly approximately 3,300 feet along the ridge line through a peak with an elevation of approximately 9,020 feet, through a peak with an elevation of approximately 9,025 feet, through a peak with an elevation of approximately 8,945 feet to a peak with an elevation of 8,899 feet;

thence easterly approximately 1,400 feet to a point in a minor drainage with an elevation of 8,900 feet;

thence northeasterly approximately 1,500 feet ascending said minor drainage to a point with an elevation of 9,300 feet;

thence southeasterly approximately 4,600 feet along elevation 9,300 feet to a point in a minor drainage;

thence easterly approximately 1,400 feet ascending said drainage to a point with an approximate elevation of 9,900 feet, said point being on a ridge approximately 250 feet westerly of and perpendicular with the centerline of Trail No. 23096A;

thence southerly approximately 1,500 feet along a line 250 feet westerly of and parallel with said trail to a point on a ridge with an elevation of 10,120 feet;

thence easterly approximately 1,500 feet to a point in STEWART CREEK with an elevation of 10,000 feet;

thence northwesterly approximately 2.3 miles descending STEWART CREEK to a point with an approximate elevation of 8,450 feet, said point being 100 feet easterly of USFS Road No. 43119;

thence northwesterly approximately 5,500 feet along a line parallel with and 100 feet easterly of USFS Road No. 43119 to a point with an elevation of 8,100 feet;

thence northerly approximately 1,400 feet to a knob with an elevation of approximately 8,162 feet;

thence northwesterly approximately 3,500 feet to STEWART CREEK at an elevation of 7,700 feet;

thence northwesterly along STEWART CREEK approximately 4,400 feet to a point 100 feet southeasterly of the centerline of USFS Road No. 43119;

thence northerly along a line parallel with and 100 feet easterly of said road No. 43119 approximately 700 feet to the east-west centerline of Section 6, T. 12 N., R. 41 E., MDB&M.

thence easterly approximately 800 feet to the east 1/4 corner of said Section 6;

thence northerly approximately 0.5 miles along the east boundary of Section 6 to the section corner common to Section 5 and 6, T. 12 N., R. 41 E. and Sections 31 and 32, T. 13 N., R. 41 E., MDB&M;

thence easterly approximately 2,640 feet along the south boundary of Section 32, T. 13 N., R. 41 E., MDB&M, to the south 1/4 corner of Section 32 - the Point of Beginning.

Qualifications:

The boundary narrative above is based on the USGS 7 1/2 minute Quadrangle Maps. This legal description has been plotted on the USDA Forest Service Primary Base Series Maps which are reduced to 1-inch-equals-1-mile, are attached and made part of the description. All references to Latitude and Longitude in this description are based on the North American Datum of 1927. All references to elevation in this description are based on the National Geodetic Vertical Datum of 1929.

7 1/2 minute Quadrangle Maps used for this description are:

Corral Wash, Nev.
South Toiyabe Peak, Nev.
Carvers NW, Nev.
Carvers, Nev.
Pablo Canyon Ranch, Nev.

Toms Canyon, Nev.
Bakeoven, Nev.
Arc Dome, Nev.
Farrington Canyon, Nev.