

(i) A location by 1 or 2 persons must fit within the exterior boundaries of a square 40-acre parcel;

(ii) A location by 3 or 4 persons must fit within the exterior boundaries of 2 square 40-acre contiguous parcels;

(iii) A location by 5 or 6 persons must fit within the exterior boundaries of 3 square contiguous 40-acre parcels; and

(iv) A location by 7 or 8 persons must fit within the exterior boundaries of 4 square contiguous 40-acre parcels.

Subpart B—Types of Mining Claims

§ 3832.20 Lode and placer mining claims.

§ 3832.21 How do I locate a lode or placer mining claim?

(a) *Lode claims.* (1) Your lode claim is not valid until you have made a discovery.

(2) *Locating a lode claim.* You may locate a lode claim for a mineral that:

(i) Occurs as veins, lodes, ledges, or other rock in place;

(ii) Contains base and precious metals, gems and semi-precious stones, and certain industrial minerals, including but not limited to gold, silver, cinnabar, lead, tin, copper, zinc, fluorite, barite, or other valuable deposits; and

(iii) Does not occur as bedded rock (stratiform deposits such as gypsum or limestone) or is not a deposit of placer, alluvial (deposited by water), eluvial (deposited by wind), colluvial (deposited by gravity), or aqueous origin.

(3) *Establishing extralateral rights.* If the minerals are contained within a vein, lode, or ledge and the vein, lode, or ledge extends through the endlines of your lode claim, you have extralateral rights to pursue the down-dip extension of the vein, lode, or ledge to the point where the vein, lode, or ledge intersects a vertical plain projected parallel to the end lines and outside the sideline boundaries of your lode claim if—

(i) The top or apex of the vein, lode, or ledge lies on or under the surface within the interior boundaries of the lode claim; and

(ii) The long axis, and therefore the side lines, of the lode claim are sub-

stantially parallel to the course of the vein, lode, or ledge.

(4) *Preserving extralateral rights.* In order to preserve your extralateral rights, you should determine, if possible, the general course of the vein in either direction from the point of discovery in order to mark the correct boundaries of the claim. You should expose the vein, lode, or ledge by—

(i) Tracing the vein or lode on the surface; or

(ii) Drilling a hole, sinking a shaft, or running a tunnel or drift to a sufficient depth.

(b) *Placer claims.* (1) Your placer claim is not valid until you have made a discovery.

(2) Each 10-acre aliquot part of your placer claim must be mineral-in-character.

(3) You may locate a placer claim for minerals that are—

(i) River sands or gravels bearing gold or valuable detrital minerals;

(ii) Hosted in soils, alluvium (deposited by water), eluvium (deposited by wind), colluvium (deposited by gravity), talus, or other rock not in its original place;

(iii) Bedded gypsum, limestone, cinders, pumice, and similar mineral deposits; or

(iv) Mineral-bearing brine (water saturated or strongly impregnated with salts and containing ancillary locatable minerals) not subject to the mineral leasing acts where a mineral subject to the General Mining Law can be extracted as the primary valuable mineral.

(4) Building stone deposits must by law be located as placer mining claims (30 U.S.C. 161). If you have located a building stone placer claim, the lands on which you located the claim must be chiefly valuable for mining building stone.

§ 3832.22 How much land may I include in my mining claim?

(a) *Lode claims.* Lode claims must not exceed 1,500 by 600 feet. If there is a vein, lode, or ledge, each lode claim is limited to a maximum of 1,500 feet along the course of the vein, lode, or ledge and a maximum of 300 feet in width on each side of the middle of the vein, lode, or ledge.

§ 3832.30

(b) *Placer claims.* (1) An individual placer claim may not exceed 20 acres in size.

(2) An association placer claim may not exceed 160 acres. Within the association, each person or business entity may locate up to 20 acres. To obtain the full 160 acres, the association must consist of at least eight co-locators. You may locate smaller association claims. Thus, three co-locators may jointly locate an association placer claim no larger than 60 acres. You may not use the names of other persons as dummy locators (fictitious locators) to locate an association placer claim for your own benefit.

Subpart C—Mill Sites

§ 3832.30 Mill sites.

§ 3832.31 What is a mill site?

A mill site is a location of nonmineral land not contiguous to a vein or lode that you can use for activities reasonably incident to mineral development on, or production from, the unpatented or patented lode or placer claim with which it is associated.

(a) A dependent mill site is used for activities that support a particular patented or unpatented lode or placer mining claim or group of mining claims.

(b) An independent or custom mill site—

(1) Is not dependent on a particular mining claim but provides milling or reduction processing for nearby lode mines or a lode mining district;

(2) Is used to mill, process, and reduce either—

(i) Ores for other miners on a contractual basis; or

(ii) Ores that are purchased by the independent or custom mill site owner.

(3) You may not have a custom or independent mill site for processing materials from placer mining claims.

§ 3832.32 How much land may I include in my mill site?

The maximum size of an individual mill site is 5 acres. You may locate more than one mill site per mining claim if you use each site for at least one of the purposes described in § 3832.34 of this part. You may locate

43 CFR Ch. II (10–1–11 Edition)

only that amount of mill site acreage that is reasonably necessary to be used or occupied for efficient and reasonably compact mining or milling operations.

§ 3832.33 How do I locate a mill site?

(a) You may locate a mill site in the same manner as a lode or placer mining claim, except that—

(1) It must be on land that is not mineral-in-character; and

(2) You must use or occupy each two and a half acre portion of a mill site in order for that portion of the mill site to be valid.

(b) If the United States does not own the surface estate of a particular parcel of land, you may not locate a mill site on that land under the General Mining Law or the Stockraising Homestead Act (see part 3838 of this chapter).

§ 3832.34 How may I use my mill site?

(a) Upon obtaining authorization under the surface management regulations of the surface managing agency, you may use and occupy dependent mill sites for:

(1) Placement of grinding, crushing, or milling facilities (such as rod and ball mills, cone crushers, and floatation cells) and reduction facilities (such as smelting, electro-winning, roasters, autoclaves, and leachate recovery);

(2) Mine administrative and support buildings, warehouses and maintenance buildings, electrical plants and substations;

(3) Tailings ponds and leach pads;

(4) Rock and soil dumps;

(5) Water and process treatment plants; and

(6) Any other use that is reasonably incident to mine development and operation, except for uses exclusively supporting reclamation or mine closure.

(b) Upon obtaining authorization under the surface management regulations of the surface managing agency, you may use and occupy independent mill sites for processing metallic minerals from lode claims using:

(1) Quartz or stamp mills; or

(2) Reduction works, including placement of grinding, crushing, or milling facilities (such as rod and ball mills,