

ravines, or roads, prominent buttes, and hills; or

(5) Adjoining claims or sites.

(c) *Placer claims.* (1) You must describe placer claims by aliquot part and complete lots using the U.S. Public Land Survey System and its rectangular subdivisions except when placer claims are—

- (i) On unsurveyed Federal lands;
- (ii) Gulch or bench placer claims; or
- (iii) Bounded by other mining claims or nonmineral lands.

(2) For placer mining claims that are on unsurveyed Federal lands or are gulch or bench placer claims:

(i) You must describe the lands by protracted survey if the BLM has a protracted survey of record; or

(ii) You may describe the lands by metes and bounds, if a protracted survey is not available or if the land is not amenable to protraction.

(3) If you are describing an association placer claim by metes and bounds, you must meet the following requirements, according to the number of persons in your association, as described in *Snow Flake Fraction Placer*, 37 Pub. Lands Dec. 250 (1908), in order to keep your claim in compact form and not split Federal lands into narrow, long or irregular shapes:

(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 40-acre contiguous parcels; and

(iv) A location by 7 or 8 persons must fit within the exterior boundaries of 4 square 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 extra-lateral 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 substantially 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.

(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 only that amount of mill site acreage that is reasonably necessary to be used or occupied for