

M

- maar** *nm* maar
- macetón** *nm* [Méx] stone sledge
- maciño** *nm* a *var* of sandstone with less quartz and more feldspar than *molasa*
- macizo,-za** *adj* compact, solid, hard | *nm* massif | *nm* massiveness, bulk | massif | shield, basement | virgin, unmined ground | ore blocked out but not yet mined | *m. cristalino* crystalline basement | *m. intrusivo* stock | *m. lauréntico* Canadian shield | *m. mineralizado* orebody | *m. tectónico* horst
- macla** *nf* twinning | twin, macle | twinned crystal | *m. de la albíta* albite twin law | *m. polisintética* polysynthetic twin
- maclado,-da** *adj* twinned
- maco** *nm* [Cartagena, Sp] ancient mine tailings
- macroclástico,-ca** *adj* macroclastic
- macrocrystalino,-na** *adj* coarsely crystalline
- macrofósil** *nm* macrofossil
- mactosísmico,-ca** *adj* macroseismic
- macrosismo** *nm* macroseism
- machacamiento** *nm* crushing
- machacar** *vtr* to crush, break, buck, spall or stamp ore | to grind
- machado** *nm* [Pe] ore containing visible native silver or gold
- machador,-dora** *adj* crushing, grinding | *nf* crusher, grinding machine
- machaqueo** *nm* crushing | [Sp] crushed stone
- machar** *vtr* to spall ore | to hammer
- machays** *nm* [Ec, Pe] sulfur lined cavities in volcanic rock
- macho** *nm* dike | [Col] barren or unproductive vein
- machonga** *nf* [Col] pyrite
- machucar** *vtr* to crush, break, buck, spall or stamp ore
- madera** *nf* wood | *m. silicificada* agatized wood
- madre** *nf* river bed | mineralizing fluid | *m. de sal* [Ch] crystalline soda sulfate | *m. del ore* [Col] pebbles or cobbles of hematitic iron ore
- madurez** *nf* maturity
- maduro,-ra** *adj* mature
- maestrichtiano,-na** *adj* Maestrichtian
- Maestrichtiense** *nm* Maestrichtian
- máfico,-ca** *adj* mafic
- magistral** *nm* flux used for smelting ores | roasted iron or copper pyrites or crude copper sulfate used as a reagent in the *patio* process of amalgamating silver ores
- magma** *nm* magma
- magmático,-ca** *adj* magmatic
- magnésiano,-na** *adj* magnesian
- magnésico,-ca** *adj* magnesian
- magnesífero,-ra** *adj* magnesian
- magnesio** *nm* magnesium
- magnético,-ca** *adj* magnetic
- magnetismo** *nm* magnetism | *m. fósil* paleomagnetism
- magnetizable** *adj* magnetizable
- magnetización** *nf* magnetization
- magnetar** *vtr* to magnetize
- magneto** *nm* magnet
- magnetómetro** *nm* magnetometer
- magnitud** *nf* magnitude (of an earthquake)
- magnometría** *nf* magnetic exploration
- magro,-ra** *adj* lean
- mainel** *nm* mullion
- maja** *nf* pestle
- majadero** *nm* pestle
- majamiento** *nm* crushing, grinding, pounding
- majar** *vtr* to crush, pound, grind, break
- mal de choco** *nm* silicosis
- malacate** *nm* whim for hoisting ore, etc.
- malaquita** *nf* malachite | *m. azul* azurite | *m. verde* malachite
- maleabilidad** *nf* maleability
- maleable** *adj* maleable
- málico** *adjm* malic
- malpaís** *nf* badlands
- malquita** *nf* malchite (*obs*, lamprophyre)
- malta** *nf* asphalt
- malla** *nf* mesh, screen | network | *m. ancha* coarse mesh | *m. angosta* fine mesh
- mana** *nf* source, spring
- manatial** *adj* spring | *nm* spring, source | *m. artesiano* artesian spring | *m. ascendente* artesian spring | *m. caliente* hot spring | *m. de desbordamiento* contact spring | *m. de estrato* hillside spring | *m. de falla* fissure spring | *m. de fisura* fissure spring | *m. de grieta* fissure spring | *m. de hondonada* depression spring | *m. de ladera* gravity or contact spring | *m. de valle* valley spring | *m. descendente* depression spring | *m. rebosante* gravity spring | *m. resurgente* contact spring | *m. surtidor* artesian spring
- mancomunidad** *nf* joint responsibility assumed by an association of miners (*gremio de mineros*) for the repayment of member's debts to a bank

- | pooling of properties to obtain an exploration permit
- mancha** *nf* stain or spot of ore | flaw in a crystal
| *m. de metal* spot of ore
- manchado,-da** *adj* spotted | stained
- mandón** *nm* mine foreman
- manganato** *nm* manganate
- manganesa** *nf* pyrolusite, manganese peroxide
- manganesia** *nf* pyrolusite
- manganeso** *nm* manganese | manganese ore |
m. gris manganite | *m. negro* pyrolusite
- mangánico,-ca** *adj* manganic
- manganeso,-sa** *adj* manganous
- manifestación** *nf* occurrence, showing (of ore etc.)
- manta** *nf* bedded vein or deposit | blanket deposit, "manto" | *v de manta* [Col] horizontal vein
- manteado,-da** *adj* flat, blanket-like
- mantenimiento de presión** *nm* pressure maintenance
- manteo** *nm* bedding | [Bol] cover rock | [Bol, Ch] dip
- mantilla** *nf* [Tex] pocket or bunch of ore
- mantisa** *nf* mantissa
- manto** *nm* bed, layer, stratum | nappe | stratified or stratbound mineral deposit | bedded or blanket vein | lenticular deposit or pocket | flat or horizontal vein | mantle | [Atacama, Ch] a thick breccia zone | [Maravatío, Méx] gold-bearing gossan | *m. broceador* [Atacama, Ch] unmineralized bed | *m. de azul* [Cartagena, Sp] bed containing azul, disseminated galena and pyrite | *m. de corrimiento* nappe | *m. freático* water-bearing bed | *m. hidráulico* water-bearing bed | *m. negro* augite porphyry | *m. pintador* [Atacama, Ch] mineralized bed | *m. sobreescorrido* overthrust
- manzana** *nf* [Arg] a land measure (about 2.5 acres) | [CAm] a land measure (about 1.75 acres)
- mapa** *nm* map | *m. administrativo* plat | *m. básico* base map | *m. de base* base map | *m. de superficie* surface map | *m. estructural* structure contour map | *m. geológico* geologic map | *m. topográfico* topographic map
- mapamiento,-ta** *adj* mapping
- mapoteca** *nf* map archive
- mápula** *nf* [Popayán, Col] a precious stone
- maquila** *nf* [Bol] smelting charges, smelting toll
- maquina diamantina** *nf* [Bol] diamond drill
- mar** *nm* ocean, sea | *m. abisal* abyssal sea | *m. adentro* offshore | *m. epicontinental* epeiric sea
- marca** *nf* framework | district or province | symbol stamped on bullion to indicate that taxes or duties have been paid | *m. de arrastre* scour mark | *m. de escurrimiento* rill mark | *m. de oleaje* ripplemark | *m. de remolino* eddy mark | *m. del diezmo* mark stamped on a bar of silver indicating that the diezmo tax (ten percent) had been paid | *m. lunada* gouge mark
- marco** *nm* a weight of 8 onzas | *m. de oro* weight of 50 castellanos, 400 tomines or 4800 granos | *m. de plata* weight of 8 onzas, 64 ochavas, 128 adarmes, 384 tomines or 4608 granos
- marcha** *nf* | *m. aleatoria* random walk
- marea** *nf* tide | *m. alta* high tide | *m. baja* low tide | *m. gravimétrica* tidal gravity | *m. lunar* lunar tide | *m. muerta* | *m. roja* red tide | *m. viva* spring tide
- marecanita** *nf* obsidian
- maremotar,-triz** *adj* tidal
- marejada** *nf* cross-bedding
- marengo** *adj/nm* dark grey
- marga** *nf* marl | loam | marlstone | [Titiribí, Col] spathic iron | *m. límica* bog lime
- margen** *nm* margin, fringe, edge, border | river bank | *m. continental* continental margin
- margoso,-sa** *adj* marly, loamy
- marguero** *nm* marl pit
- marino,-na** *adj* marine
- marisma** *nf* salt lake
- marismeño,-ña** *adj* marsh
- marjal** *nm* marsh, bog
- marmaja** *nf* [Méx] pyrite | [Col] pyrite or marcasite
- marmita** *nf* pothole | *m. de gigante* pothole | *m. glacial* kettle
- marmól** *nf* marble | *m. brecha* brecciated marble | *m. brocatel* spotted or veined marble | *m. de puebla* [Teocalli, Puebla, Méx] onyx marble | *m. estatuuario* or *m. de estatuas* statuary marble | *m. lumaquela* marble rich in shells | *m. mexicano* lime alabaster | *m. pintado* spotted marble | *m. rayado* streaked marble | *m. serpentino* serpentine marble
- marmolete** *nm* [Vz] a var limestone
- marmór** *nm* marble | [Almadén, Sp] melaphyre
- marna** *nf* [Arg] marl
- marquesita** *nf* marcasite
- masa** *nf* mass of metal or ore | irregular deposit | sedimentary deposit | *m. blanda* soft, semi-consolidated sediment such as clay or coal | *m.*

- del criadero* vein filling | *m. dura* quartzose consolidated sediment | *m. echada* irregular deposit more or less stratiform | *m. filonía* ore shoot | *m. firme* quartzose consolidated sediment | *m. floja* soft sediment such as sand or peat | *m. fundida* melt | *m. levantada* irregular deposit discordant with bedding | *m. movizada* soft sediment | *m. muy duro* or *muy firme* very hard rocks such as chert, granite, gneiss, etc. | *m. quebrizada* consolidated, clayey sediments | *m. suelta* soft, unconsolidated sediment
- masicote** *nm* masicot
- masivo,-va** *adj* massive
- mata** *nf* [met] matte | *matas de oro* [Col] bunches of gold ore
- matar un pozo** *vtr* to kill a well
- matatena** *nf* [Méx] pebble, cobble
- mate** *adj* unpolished | slaked
- matera** *nf* [Col] mine in which gold is found in bunches or *matas de oro*
- materia** *nf* material | matter | overburden | *m. bituminosa* kerabitumin | *m. estéril* barren material
- material** *nm* material | *m. en bruto* raw material | *m. estéril* overburden
- matloquita** *nf* matlockite
- matriz** *nf* matrix, gangue | *m. de las variancas-covariancas* variance-covariance matrix
- matutina** *nf* morning vein
- máximo** *nm* high, upper part of a structure or anomaly | *m. magnético* magnetic high
- maxvelio** *nm* Maxwell
- mazamorra** *nf* [Col] imperfect and accidental working
- mazomorrear** *vtr* [Col] to wash gold
- mazut** *nm* fuel oil
- meandro** *nm* meander | *m. abandonado* abandoned meander | *m. de valle* valley meander | *m. libre* free meander
- médano** *nm* sand dune | sand bar | *m. fijado* anchored dune | *m. lateral* shifting dune | *m. ligado* attached dune | *m. ondulado* stable sand hill | *m. vivo* active dune
- media** *nf* half | mean | *m. aritmética* arithmetic mean | *m. armónica* harmonic mean | *m. barreta* [Bol, Pe] an irregular inclined shaft | *m. caña* | *m. cuadrática* quadratic mean | *m. geométrica* geometric mean | *m. móvil* moving average | *m. pepena* [Méx] medium quality ore | *m. vida* half-life
- mediana** *nf* median
- medidor** *nm* meter | *m. de pH* pH meter
- medio** *nm* middle | mean
- medioambiente** *nm* environment
- medir** *vtr* to measure
- megafósil** *nm* macrofossil, megafossil
- megascópico,-ca** *adj* megascopic
- melaconisa** *nf* tenorite
- meláfido** *nm* melaphyre (*obs*, basalt)
- meláfiro** *nm* melaphyre
- melanocrático,-ca** *adj* melanocratic
- melita** *nf* mellite
- membrana** *nf* membrane
- memoría** *nf* report, record | [Méx] payroll (at a mine)
- mena** *nm* vein of ore | ore in general | *m. bruto* or *crudo* raw ore | *m. de los pantanos* bog iron ore | *m. grueso* ore in large lumps | *m. recio* massive ore
- mención** *nf* record
- mensura** *nf* survey | *m. con brújula Brunton* Brunton survey | *m. con estadia* stadia survey
- medurado,-da** *adj* surveyed
- medurar** *vtr* to survey
- mercader** *nm* merchant, dealer | *m. de plata* large-scale dealer in silver
- mercúrico,-ca** *adj* mercuric
- mercurio** *nm* mercury | mercury ore | *m. argental* argental mercury | *m. argéteo* argental mercury | *m. córneo* or *dulce* calomel | *m. hepático* liver ore, hepatic cinnabar | *m. nativo* native mercury
- mercurioso** *adjm* mercurous
- meridiano** *nm* meridian
- merma** *nf* waste, loss in processing
- meroédrico,-ca** *adj* merohedral
- meroxeno** *nm* meroxene
- mesa** *nf* mesa, table mountain | principal facet of a precious stone | [Chañarcillo, Ch] smooth face of sterile limestone along the footwall of mineralized limestone | *m. de concentración* concentrating table | *m. de glaciares* glacial table | *m. para lamas* slime table
- meseta** *nf* plateau | *m. basáltica* basalt plateau | *m. continental* continental plateau
- mesosfera** *nf* mesosphere
- mesoroca** *nf* mesorock
- mesotipo** *nm* mesotype
- mesozoico,-ca** *adj* Mesozoic | *nm* Mesozoic
- mesozona** *nf* mesozone
- metal** *nm* metal | alloy | ore (in colonial times *metal* was the usual term for ore and was not used for refined metals) | *m. acopolado* [San

Alto, Méx] fine yellow cassiterite obtained by washing *tierras* | [Sultepec, Méx] ore containing 50 to 60 ounce per ton silver | *m. amarillo* calaverite | *m. antimonioso* [Huitzucó, Méx] livingstonite | *m. azul* galena | *m. azul de plata* silver-bearing galena | [Almadén, Sp] rich mercury ore | *m. azulado* selbite | *m. barreteado* ore freshly cut from a working face and yet to be sorted and crushed | *m. blanco* cerargyrite | *m. calichoso* [Méx] feldspathic ore | *m. cálido* [Ch] silver ore suitable for amalgamation by the *tina* process | *m. caracol* [Méx] spirally wire silver | *m. cenizo* silver chloride | *m. colgado* [Ch] ore-in-sight, ore reserves | *m. común* third class or ordinary ore | *m. corrido* placer ore | *m. de acarreo* secondary ore | *m. de ayuda* flux | *m. de azogue* ore amenable to amalgamation with mercury | *m. de cazo* [Méx] silver chloride ore | *m. de cebo* [Méx] very rich, direct reducing silver ore | *m. de crudo* [Pe] oxidized ore | *m. de color* [Cerro de Pasco, Pe] oxidized copper ore | *m. de correa* [San Luis Potosí, Méx] ore of nearly pure cassiterite | *m. de fuego* smelting ore | *m. de fundición* smelting ore | *m. de labores* smalls from mine workings | *m. de pie* [Méx] ore amenable to beneficiation by the *patio* process of amalgamation | *m. de pinta* silver-bearing ore | *m. de primera (clase)* first-class ore | *m. de quema* [Pe] sulphide ore | *m. de segunda (clase)* second class ore | *m. de tonel* pyritic ore with little silver | *m. despoblado* [Méx] ore with much gangue, low-grade ore | *m. en barra* bullion | *m. en bruto* ore | *m. en piedra* crude, uncrushed ore | *m. flor* surface ore | *m. gabarro* large, coarse ore | first-class ore | large piece of slag | *m. gráfico* sylvanite | *m. granza* smalls | *m. hierroso* [Peras, Méx] masses of iron ore in cubical fragments | *m. hecho* selected ore, prill | *m. hojoso* nagyagite | *m. humiento* [Guadalcázar, Méx] complex silver ore | *m. jugoso* [Méx] lead ore | *m. machacado* native gold and silver leaf | *m. mogino* [Guadalcázar, Méx] mixture of argentiferous galena, argentite and silver telluride | *m. mosqueado* [Taviches, Méx] pyrargyrite disseminated in quartz matrix | *m. nativo* native metal | *m. negro* sphalerite [Cerro de Pasco, Pe] sulfuretted copper ore | *m. negro argentífero* tetrahedrite | *m. noble* free-milling ore | *m. ordinario* low-grade ore | *m. pastoso* argentiferous galena | [Méx] bournonite | *m. pepena* rich ore | *m. plateado* [Pe] ore of copper assaying about 60% copper | *m. plomoso* lead

ore | *m. plomoso reluciente* silver-bearing lead ore | *m. polvorilla* argentite | *m. regular* average grade ore | *m. verde* embolite | [Méx] silver ore with copper carbonates, oxides and sulfides | *m. virgen* native metal

metalada *nf* [Méx] a discovery of ore in a previously unproductive working

metálico,-ca *adj* metallic

metalífero,-ra *adj* metalliferous

metalización *nf* metallization

metalogénesis *nf* metalligenesis

metalogénético,-ca *adj* metallogenetic

metaloide *nm* metaloide

metalurgia *nf* metallurgy

metalúrgico,-ca *adj* metallurgical | *nm* metallurgist

metamíctico,-ca *adj* metamict

metamórfico,-ca *adj* metamorphic

metamorfismo *nm* metamorphism | *m. cáustico* regional metamorphism | *m. de carga y descarga* burial metamorphism | *m. de contacto* contact metamorphism | *m. de dislocación* dynamic metamorphism | *m. de presión* burial metamorphism | *m. dinámico* dynamic metamorphism | *m. general* regional metamorphism | *m. geotérmico* thermal metamorphism | *m. regional* regional metamorphism

metamorfosear *vtr* to metamorphose

metano *nm* methane

metasedimento *nm* metasediment

metasomático,-ca *adj* metasomatic

metasomatismo *nm* metasomitism

metasomatosis *nf* metasomatism

metavulcánita *nf* metavolcanic

meteorito *nm* meteorite

meteorización *nf* weathering | *m. diferencial* differential weathering | *m. física* mechanical weathering | *m. mecánica* mechanical weathering | *m. química* chemical weathering

meteorizado,-da *adj* weathered

meteorizar *vtr* to weather

método *nm* method, process | *m. de encasillado* square setting | *m. de los momentos* method of moments | *m. de monte carlo* monte carlo method

meteoro *nm* meteor

metro *nm* meter | *m. cuadrado* cubic meter | *m. cúbico* cubic meter

mezcla *nf* mixture, admixture, blend | mixing | melange

mezclable *adj* miscible

- mezclar** *vt/pr* to mix, admix
mezcuitlatl *nm* opal
miargirita *nf* miargyrite
miarolítico,-ca *adj* miarolitic
miascita *nf* miaskite (*obs*, nepheline syenite)
mica *nf* mica | miner's term for small crystals of pyrite | pyrrhotite | [Col] lead molybdate | *m. blanca* muscovite | *m. caliza* margarite | *m. de litio* lepidolite | *m. dilatada* expanded mica | *m. ferrolítica* zinnwaldite | *m. negra* biotite | *m. parda* phlogopite | *m. potásica* muscovite
micáceo,-cea *adj* micaceous
micacita *nf* mica schist
mica-pizarra *nf* mica schist
micasquisto *nm* mica schist
micela *nf* micelle
micra *nf* micron
microbrecha *nf* microbreccia
microclástico,-ca *adj* microclastic
microclina *nf* microcline
microclino *nm* microcline
microcristalino *adj* microcrystalline
microelemento *nm* trace element
microestructura *nf* microstructure
micro-filón *nm* veinlet, microvein
micromilímetro *nm* micron
micrón *nm* micron
microperfil *nf* microlog
microperfitita *nf* microperthite
micropliegue *nf* microfold
microregistro *nm* microlog
microscopia *nf* microscopy
microscópico,-ca *adj* microscopic
microscopio *nm* microscope | *m. binocular* binocular microscope | *m. estereoscópico* stereoscopic microscope | *m. polarizante* polarizing microscope
microsísmico,-ca *adj* microseismic
microsismo *nm* microseism
miche *nm* [Fresnillo, Méx] a ore of argentiferous galena, sphalerite and pyrite | [Santa Cruz de Alayá, Méx] any black amorphous mineral found in veins
miembro *nm* member
migmatita *nf* migmatite
migmatización *nf* migmatization
migración *nf* migration | *m. de los continentes* continental drift | *m. primaria* primary migration | *m. secundaria* secondary migration
milibar *nm* millibar
miligramo *nm* milligram
mililitro *nm* milliliter
milímetro *nm* millimeter
milonita *nf* mylonite
milonitización *nf* mylonitization
milla *nf* mile
millón *nm* [Méx] an ore pile
mimatesa *nf* mimetite
mimetita *nf* mimetite
mimetesita *nf* mimetite
mimetismo *nm* mimetism
mina *nf* mine | mineral deposit | ore | spring | *m. ahogada* [Col] placer mine covered by an active landslide | *m. alta* [Col] placer mine situated above available water | *m. amparada* mine maintained in possession by paying the necessary fees but not necessarily worked | *m. antigua* mine worked in Indian or Spanish colonial times | *m. aurífera* graphic tellurium | *m. baja* [Col] placer mine situated below available water | *m. capotera* [Col] shallow placer | *m. cateada* mining claim explored by *catas* or shallow shafts or pits | *m. ciega* [Bol] abandoned working | *m. cogollera* [Col] mine which was profitable when worked at the surface but became unprofitable once workings were extended underground | *m. colindante* adjacent or bordering mine | *m. de aluvión* placer | *m. de arena* sand pit | *m. de balasto* ballast pit | *m. de bronce* bell-metal ore | *m. de cacho* [Col] placer mine where boulders are small enough to be removed by hand | *m. de capacho* [Col] mine with spotty mineralization | *m. de cerro* [Col] mine on a hill top where water is scarce | *m. de cueva* [Col] placer covered by large boulders | *m. de grava* gravel pit | *m. de invierno* [Col] placer mine that can only be worked during the rainy season | *m. de saca* [Col] placer mine that must be continuously dewatered to be worked | *m. de verano* [Col] mine that can only be worked during dry season | *m. despilado* mine robbed of its pillars | *m. en labor* working mine | *m. hervida* [Col] pay-dirt in a pothole | *m. hullera* coal mine | *m. jornalera* [Col] mine which covers costs but yields little profit | *m. tonga* mine that can be drained by gravity | *m. de tope* [Col] mine where gold is found in shoots but is otherwise barren | *m. de transilvania* graphic tellurium
minado *nm* underground working, mining | mine working
minador,-dora *adj* mining | *nm* miner
minal *adj* pertaining to a mine
minar *vt* to mine, undermine

- minera** *nf* mine
- mineraje** *nm* mining
- mineral** *adj* mineral, ore
- mineral** *nm* mineral, ore | spring | mine | mining district | *m. a la vista* ore in sight | *m. accesorio* accessory mineral | [Méx] independent rural town whose principal activity was mining | *m. arrancado* broken ore | *m. bajo de ley* low grade ore | *m. beneficiable* pay ore | *m. cálido* [Ch] silver ore suitable for amalgamation by the *tina* process | *m. de acarreo* secondary ore | *m. de alta ley* high grade ore | *m. de azogue* ore amenable to amalgamation with mercury | *m. de contacto* contact mineral | *m. de coral* cinnabar contaminated by organic matter | *m. de maquila* custom ore | *m. de montaña* ore disseminated in country rock (generally uneconomic) | *m. desmenuzado* fine-grained ore | *m. en rueda* bournonite | *m. filoniano* gangue mineral | *m. gongorado* [Col] vuggy ore | *m. graso* rich ore | *m. guía* type mineral | *m. índice* index mineral | *m. intacto* ore in place | *m. neumatolítico* pneumatolytic mineral | *m. pesado* heavy mineral | *m. piritoso* pyritic ore | *m. pobre* low grade ore | *m. poroso* honeycombed ore | *m. recurrente* | *m. tipomorfo* typomorphic mineral | *m. verde de plomo* pyromorphite
- mineralización** *nf* mineralization
- mineralizador,-dora** *adj* mineralizing
- mineralizar** *vtr* to mineralize
- mineralogía** *nf* mineralogy
- mineralógico,-ca** *adj* mineralogical
- mineralogista** *nm* or *f* mineralogist
- mineraloide** *nm* mineraloid
- minería** *nf* art and science of mining | mining | *m. chica* small mines | *m. hidráulica* hydraulic mining, hydraulicking | *m. mediana* medium-size mines | *m. pequeña* small mines | *gran m.* large mines
- minero,-ra** *adj* mineral | mining, pertaining to mining | *economía minera* mineral economics
- minero** *nm* miner | mine | mineral deposit | [Bol, Pe] mine owner | [Potosí, Bol] mine foreman
- mineta** *nf* little mine | minette
- minga** *nm* [Bol, Pe] hired Indian labor (this should not be construed as indication that *mingas* were free laborers since most were employed to pay off debts owed to their employers or were obliged to work on behalf of their *kurakas* with their pay being used by the *kuraka* to make payments in lieu of sending *mitayos* to the mines) | *m. repasiri* Indian hired to mix, ladle and trod ore in the *patio* process of amalgamation of silver ores
- minimo** *nm* cut-off
- minio** *nm* minium, red lead
- minutas** *nfppl* survey notes
- mioceno,-na** *adj* Miocene | *nm* Miocene
- miocénico,-ca** *adj* Miocene
- miogeosinclinal** *nm* miogeosyncline
- mira** *nf* rod | *m. de nivelación* levelling rod | *m. taquimétrica* stadia rod
- misisipiano,-na** *adj* Mississippian
- misisípico,-ca** *adj* Mississippian
- mispíquel** *nm* mispickel, arsenopyrite
- mita** *nm* Quechua word for "turn" which in the time of the Incas referred to a period of mandatory public service; under the Spanish this evolved into the *mita minera*, a system of forced labor in the mines of Potosí, Cerro de Pasco and elsewhere in what is now Bolivia and Perú | [Bol] a day's work | *m. mortiri* service tending stamp mills used to crush silver ore | *m. nueva* a new system of forced labor set up by the *Código Carolino* in 1792 under regulations intended to improve the conditions under which *mitayos* served
- mitayo** *nm* Indian serving his *mita*
- mixtura** *nf* mixture, blend
- moco** *nm* iron scoria, slag | *m. de hierro* [El Caratal, Vz] brown iron ore, occurring as ferruginous conglomerate, sandstone, breccia or pisolitic iron ore and is considered to be an indicator of gold mineralization
- mocoruña** *nm* Indian serving his first *mita* in a mine, i.e. a "greenhorn"
- mocheta blanca** *nf* [Pachuca, Méx] rhyolitic tuff used as building stone
- mocheta morada** *nf* [Pachuca, Méx] dacite used as building stone
- moda** *nf* mode
- modelo** *nm* model | *m. aleatorio* random model | *m. de crecimiento* growth model | *m. determinista* deterministic model | *m. estocástico* stochastic model
- modo** *nm* mode, manner | *m. de yacer* mode of occurrence
- módulo** *nm* modulus | *m. de precisión* modulus of precision | *m. de volumen* bulk modulus | *m. de Young* Young modulus
- mofeta** *nf* mofette

- mogote** *nm* [Pe] surficial, outcropping portion of an ore deposit
- mogrollo** *nm* [Méx] silver sulfide ore
- mojón** *nm* claim corner, monument
- mojona** *nf* land survey
- mojonamiento** *nm* monumentation
- mojonar** *vtr* to set monuments
- mol** *nm* mole
- molaridad** *nf* molarity
- molasa** *nf* limey sandstone | molasse
- molde** *nf* mold | *m. de carga* load mold
- moldura de rompiente** *nf* cove
- mole** *nm* large mass of rock | [chem] mole | [Col] galena | ores or concentrates consisting mostly of galena
- molecúla** *nf* molecule
- moledor** *nm* grinder, mill
- moledora** *nf* grinder, mill
- molejón** *nm* [Cuba] reef | ridge of rock
- moler** *vtr* to grind, comminute
- molibdato** *nm* molybdate
- molibdenita** *nf* molybdenite
- molibdeno** *nm* molybdenum
- molienda** *nf* grinding, crushing | *m. con pisones* stamp milling
- molinera** *nf* [Sierra Almagrera, Sp] siderite
- molino** *nm* mill | ore sent to a mill | [Col] alluvial material that collects in a ground sluice | *m. glaciár* ice mill | *m. de mazos* stamp mill
- molonque** *nm* [Méx] silver ore in which silver sulfides predominate over gangue | *m. relumbroso* stephanite
- moloquita** *nf* dull green variety of agate
- monacita** *nf* monazite
- monoclinal** *nm* monocline
- monoclínico,-ca** *adj* monoclinic
- montaña** *nf* mountain | country rock | *m. de cobijadura* overthrust mountain | *m. de plegamiento* folded mountain | *m. troncal* truncated upland
- monte** *nm* mountain | *m. isla* | *m. residual* monadnock
- montera** *nf* outcrop | [Huelva, Sp] gossan | overburden on placer deposits
- montiano,-na** *adj* Montian
- monticelita** *nf* monticellite
- montículo** *nm* hillock, monticule
- montiense** *adj* Montian
- montmorillonita** *nf* montmorillonite
- montón** *nm* heap or pile | pile of ore | [Méx] a measure of weight | [Col] irregular deposit | *m. acostada* stratiform deposit | *m. estrelazado* or *estoverca* stockwork | *m. recto* a wide vein connecting stratiform and non-stratiform deposits
- morado,-da** *adj* violet, purple
- morallión** *nf* [Col] an inferior emerald
- morena** *nf* moraine | *m. basal* ground moraine | *m. central* medial moraine | *m. de ablación* ablation moraine | *m. de fondo* ground moraine, basal moraine | *m. de kames* kame moraine | *m. depositada* deposited moraine | *m. interna* ground moraine | *m. en movimiento* moving moraine | *m. frontal* terminal moraine | *m. lateral* lateral moraine | *m. superior* surface moraine | *m. terminal* end or terminal moraine
- morénico,-ca** *adj* morainic, morainal
- moreno,-na** *adj* brown
- morfoestructural** *adj* morphostructural
- morfogénesis** *nf* morphogenesis
- morfografía** *nf* morphography
- morfología** *nf* morphology
- morfotectónica** *nf* morphotectonics
- moro,-ra** *adj* color of red wine
- moromoro** *nm* [Moquegua, Pe] argillaceous rock
- morrillo** *nm* cobble, boulder
- morro** *nm* a conical or pyramidal hill
- mortiri** *nm* an Indian serving his *mita* tending stamps used to crush silver ore
- mosca** *nf* [Méx] spot of black ore, usually silver sulfide, in quartz matrix
- mosor** *nm* monadnock
- mosqueado,-da** *adj* spotted
- moteado,-da** *adj* mottled
- movilización** *nf* mobilization
- movimiento** *nm* movement | *m. bascular* oscillation | *m. de masas* mass movement | *m. epirogenético* epirogenetic movement | *m. eustático* eustatic movement | *m. orogénico* orogenesis
- moya** *nf* volcanic clay
- muela** *nf* hillock
- muera** *nf* salt-water or brine
- muestra** *nf* sample | specimen | *m. alzada a mano* grab sample | *m. de pared* core sample | *m. sesgada* biased sample
- muestrador** *nm* sampler | *m. de núcleos* core sampler | *m. de testigos* core sampler
- muestrario** *nm* sampling by core drilling
- muestreo** *nm* sampling
- muestro** *nm* sampling | *m. múltiple* multiple or repetitive sampling | *m. secuencial* sequential sampling

mulata *nf* [Col] well rounded quartz grains that accompany gold in placers

mulato *nm* dark green or coppery green silver ore | [Pe] silver oxysulfide ore | [Atacama, Ch] silver sulfide ore below *paco* and above *negrillo*

multilinealidad *nf* multicollinearity

multicolor *adj* multicolored

muñon *nm* mullion

muro *nm* sole | footwall | *m. colgante* hanging wall

muscovita *nf* muscovite

muy minado,-da *adj* honeycombed or dog holed with workings