



Centro de
**Administración y
Documentación
de Información**

**DICCIONARIO ESPAÑOL – INGLÉS
TERMINOS GEÓLOGICOS Y MINEROS**

ESTUDIANTES A
TRAVÉS DE LAS
FRONTERAS



STUDENTS
ACROSS
BORDERS



ESPAÑOL

ENGLISH

THE UNIVERSITY OF ARIZONA.

Financial and program support provided by ExxonMobil Corporation,
The University of Arizona, Tucson, Arizona, the Universidad de la Sierra,
Moctezuma, Mexico and Consortium for North American Higher Education
Collaboration (CONAHEC)



A

- aalenense** *adj* Aalenian | *nm* Aalenian
aaleniano,-na *adj* Aalenian
aaleniense *adj* Aalenian
aaltar *nm* regolith found in western Flanders
aas *nm* a type of sand dune
ábaco *nm* a. trough (*artesa*) in which gold placers are washed | washtrough, buddle | graph, chart, nomogram
abajadero *nm* slope, downgrade
abajador *nm* [Sp, Méx] tool carrier in (a mine)
abajamiento *nm* subsidence
abajar *vtr* to lower, let down | to fall, descend
abajo *adv* down, below, under
abajor *nm* depression
abaluartado,-da *adj* rock mass in the form of a bulwark (*baluarte*)
abancalado,-da *adj* terraced
abandonado,-da *adj* abandoned, as in *mina abandonada* which should be distinguished from *una mina agotada* which has been abandoned specifically due to depletion
abandonamiento *nm* abandonment
abandonar *vtr* to abandon | to leave, as in *los mineros abandonaron la mina* 'the miners left the mine' | *a. un sondeo* to abandon a. well
abanico *nm* fan | fan shaped workings or stopes | *a. aluvial* alluvial fan | *a. de deyección* talus fan, debris cone
abarrancar *vtr* to excavate | to form gullies
abarranco,-ca *adj* excavated
abastar *vtr* to furnish, supply
abastecimiento *nm* supply | *a. de agua* water supply
abasto *nm* output of a mine or mill | provisioning, supplying | abundance, great amount | *a. de agua* water supply
abataje *nm* breaking ground
abatón *nm* inaccessible location
aberración *nf* aberration
aberrante *nm* aberrant
abertal *adj* cracked, generally by drought
abertura *nf* opening, fissure | aperture | the reopening of a vein | driving of levels or drifting in a mine | gap or pass between mountains | cove, small bay | *a. de galería* driving, tunneling | *a. volcánica* vent
abetunado,-da *adj* very brown
abichita *nf* [Ch] clinoclase
abierto,-ta *adj* open | flat, level (terrain)
abigarrado,-da *adj* multi-colored, variegated | mottled
abioglifo *nm* abioglyph
abiótico,-ca *adj* abiotic
abisal *adj* abyssal
abísico,-ca *adj* abyssal
abismal *adj* abyssal
abismo *nm* abyss | deep | steep face
abisolbéntico,-ca *adj* abyssal-benthic
abisolito *nm* batholith
abisolítico,-ca *adj* abyssolitic
abisopelágico,-ca *adj* abyssal-pelagic
ablación *nf* erosion | ablation
ablatógrafo *nm* ablatograph
abocardado,-da *adj* bell or funnel shaped
abocarder *vtr* to widen the opening of or to something
abocardo *nm* drill
abocelado,-da *adj* torus-shaped
abocinado,-da *adj* trumpet shaped, splayed
abocinamiento *nm* widening
abocinar *vtr* to widen an opening
abombado,-da *adj* convex | swollen
abombamiento *nm* dome | antecline
aborregado,-da *adj* glaciated | striated by the action of glaciers
aborto de oro *nm* [Pe] nuggets of gold found in potholes (*hucucas*)
abovado,-da *adj* arched, vaulted
abra *nf* reopening of a vein | fissure or cleft in sand | gorge, break or fissure in a mountain | clearing, opening, gap | cove | [surv] clearing for line of sight
abrasilado,-da *adj* deep red
abrasión *nf* erosion by water and wind | abrasion | scour
abrasivo,-ca *adj* abradant, abrasive
abrazar *vtr* to enclose | to fabricate some kind of structure to prevent caving and spalling of the roof of a mine
abrevadero *nm* flooded mine | [Col] a water filled excavation used to work placers
abridura *nf* [Méx] enlargement (of a gallery)
abrigo *nm* the width of a vein | inhabited cave | *a. del carbón* [Cerro de Pasco, Pe] argillaceous rock forming the footwall and hanging wall to coal seams
abrilantar *vtr* to cut (diamonds or other gemstones)
abrimiento *nm* opening
abrir *vtr* to drive or open up a working | *a. el terreno* to bore | *a. una galería* to drift | *a. un*

- pozo* to sink a shaft or well | *a. un surco* to dig a trench | *a. un tunel* to tunnel
- abrirse** *vpr* to open up, widen (as for a vein)
- abrojos** *nmpl* reef, hidden rocks
- abronzado** *nm* tetrahedrite | [Méx] chalcopyrite and other copper ores
- abrupto,-ta** *adj* terraced, scarp like | steep, sheer, abrupt | rugged, craggy
- absarquita** *nf* absarokite
- abscisa** *nf* abscissa
- absorbencia** *nf* absorption, absorbency, absorptivity
- absorbente** *nm* absorbent, absorptive
- absorber** *vtr* to absorb
- absorbible** *adj* absorbable
- absorción** *nf* absorption | *a. atmosférica* atmospheric absorption | *a. del suelo* ground absorption
- absorsor** *nm* absorber
- absorto,-ta** *adj* absorbed
- abstracción** *nf* abstraction
- abultar** *vtr* to bulk, swell
- abundamiento** *nm* abundance
- abundancia** *nf* abundance
- abundante** *adj* abundant
- abundar** *vtr* to be plentiful, abound | to be rich in
- abundoso,-sa** *adj* abundant
- abysal** *adj* abyssal
- abysico,-ca** *adj* abyssal
- acabalgamiento** *nm* thrust, overthrust
- acadiano,-na** *adj* Acadian | *nm* Acadian
- acádico,-ca** *adj* Acadian
- acadiense** *m* Acadian
- acamado,-da** *adj* horizontal
- acampanado,-da** *adj* bell shaped
- acampanar** *vtr* to flare, splay | [Col] to clean a placer down to paydirt
- acampar** *vtr* to camp | to build a camp
- acanalado,-da** *adj* grooved | ribbed | fluted | corrugated, troughed
- acanaladura** *nf* groove, channel
- acanalamiento** *nm* grooving
- acanelado** *nm* [Zacatecas, Méx] finely disseminated black, brown and yellow sphalerite mixed with argentite and pyrrargyrite-proustite
- acantilado,-da** *adj* steep, sheer, precipitous | *nm* cliff, steep slope
- acantita** *nf* acanthite
- acaobado,-da** *adj* mahogany colored
- acaparrosado,-da** *adj* copper colored
- acardenillado,-da** *adj* stained by copper carbonate
- acarmelado,-da** *adj* caramel colored
- acarmirado,-da** *adj* carmine, crimson
- acarreadizo,-za** *adj* portable | shifting (sand)
- acarreo** *nm* transported material of any kind | transport of ore, supplies, etc. | alluvium | float, drift | supply | *a. acuífero* conglomerate | *a. fluvial* silt, alluvium | river drift | *a. fluvioglacial* fluvioglacial drift | *a. hidráulico* sluicing, hydraulicking | *a. morrénico* moraine | *de a. placer*
- acarreos** *nmpl* material carried by a stream, bed load | drift | float | *a. de glaciación* glacial drift | *a. del escurrimiento* silt runoff
- acavernar** *vtr* to take the form of a cavern
- acceso** *nm* entrance
- accesorio,-ria** *adj* accessory
- accidentado,-da** *adj* rough, uneven, hilly, broken
- accidental** *adj* accidental | accessory
- accidente** *nm* roughness, unevenness (terrain) | any topographic feature which disrupts the regular form of a terrain | *a. del terreno* hills and valley | *a. longitudinal* parallelism of vertical folds | *a. topográfico* hills and valleys
- acción** *nf* share in a. mine, venture, company or property | capital stock of a. company | *a. eólica* aeoliation
- aceite** *nm* any oil of vegetable or mineral origin
- aceitero,-ra** *adj* of oil, oil
- aceitón** *nm* thick oil | dregs, oily sediment
- aceitoso,-sa** *adj* oily
- aceleración** *nf* acceleration | *a. de gravedad* gravitational acceleration
- acelerador** *nm* accelerogram | *a. de reacción* catalyst
- acelerógrafo** *nm* accelerograph
- acelerograma** *nm* accelerogram
- acelerómetro** *nm* accelerometer
- acendrada** *nf* [Pe] white marl used as a refractory
- acendramiento** *nm* metal refinery
- acendrar** *vtr* to refine metal
- acequia** *nf* flume | [Pe] brook
- acerado** *nm* [Arg] silver sulfide-bearing pyrite ore | [Peras, Méx] massive gold-bearing pyrite in milky quartz | [Guadalcazar, Méx] guadalcazarite | [Méx] stephanite, cerargyrite or any other steel grey silver mineral | [Potosí, Bol] jamesonite | *a. blanco* [Potosí, Bol] white jamesonite | *a. lejizo* [Potosí, Bol] slaty

- jamesonite | *a. zebroso* [Potosí, Bol] fibrous jamesonite
- acerado,-da** *adj* steely, color of steel, steel grey
- acerar** *vtr* to chill, harden
- acerdesa** *nf* wad or bog manganese
- acería** *nf* steel works or mill
- acerillo** *nm* [Pe] small, granular crystals of galena (considered to be rich in silver)
- acero** *nm* steel
- acetato** *nm* acetate
- acético,-ca** *adj* acetic
- acicular** *adj* acicular
- aciculita** *nf* aikinite
- acidez** *adj* acidness | *nf* acidity
- acidificación** *nf* acidification
- acidificar** *vtr* to acidify | to acidize | *vpr* to acidify
- acidímetro** *nm* acidimeter
- ácido,-da** *adj* acidic | *nm* acid | *á acético* acetic acid | *á bórico* boric acid | *á carbólico* carbolic acid | *á clorhídrico* hydrochloric acid | *á fénico* carbolic acid | *á hidroclicó* hydrochloric acid | *á hidriódico* hydroiodic acid | *á lodoso* [pet] sludge acid | *á muriático* hydrochloric acid | *á nítrico* nitric acid | *á nitrohidroclicó* nitric acid | *á nitromuriático* nitric acid | *á sulfúrico* sulfuric acid
- acidula** *nf* mineral water rich in carbonic acid
- acidular** *vtr* to acidulate | to acidize
- aciete** *nm* oil | *a. bruto* crude oil | oil in bulk | *a. combustible* fuel oil | *a. crudo* crude oil | *a. de alquitrán* tar oil | *a. de alumbrado* kerosene | *a. de azufre* sulfuric acid | *a. de carbón* coal oil, kerosene | *a. de esquisto* shale oil | *a. de horno* fuel oil | *a. de lámpara* [Méx] kerosene | *a. de taladrar* drilling oil | *a. de vitriolo* sulfuric acid | *a. lampante* [Sp] kerosene | *a. mineral* petroleum
- acije** *nm* vitriol, metal sulfate | *a. amarillo* copiapite | *a. blanco* goslarite | *a. de hierro* iron vitriol
- acís** *nm* volcanic vent | diapiric fold
- aclínico,-ca** *adj* acclinic
- aclividad** *nf* acclivity
- acimut** *nm* azimuth
- acimutal** *adj* azimuthal
- acobrado,-da** *adj* copper colored
- acocadera** *nf* stone cutter's chisel
- acodalamiento** *nm* shoring, trench bracing
- acodalar** *vtr* to shore, brace
- acodamiento** *nm* break | shoring, trench bracing
- acodar** *vtr* to shore, brace | [surv] to offset
- acometer** *vtr* to branch
- acomodana** *nf* [Pe] ore deposit
- aconcharse** *vpr* [Ch] to deposit sediment
- acóndrito** *nm* achondrite
- acontita** *nf* [Ch] mixture of pyrite and arsenopyrite
- acopado,-da** *adj* hollowed out, cupped, cup-shaped
- acopio** *nm* waste heap, tailings dump
- acordamiento** *nm* concordance of strata
- acordancia** *nf* conformity, concordance
- acordanza** *nf* artificial concordance caused by tectonic movements
- acostado,-da** *adj* recumbent
- acostar** *vtr* to take a vertical dip
- acostarse** *vpr* to change dip or direction
- acotación** *nf* boundary marker or monument | elevation marked on a map or plan | [Cu] elevation
- acotamiento** *nm* setting of boundary markers
- acotar** *vtr* to delimit, mark the boundaries of | to mark elevations | [surv] to mark out, set monuments
- acotilla** *nm* sledge hammer
- acrecencia** *nf* accretion
- acrecimiento** *nm* accretion
- acreción** *nf* accretion
- acrepie** *nm* acre-foot
- acribar** *vtr* to sift, sieve, screen
- acrisolar** *vtr* to refine, assay or purify metals in a crucible (*crisol*)
- acrisolado,-da** *adj* refined, purified in a crucible
- acrobatolítico,-ca** *adj* acrobatholitic
- acroíta** *nf* achroite
- acromático,-ca** *adj* achromatic
- actínico,-ca** *adj* actinic
- actinio** *nm* actinium
- actinota** *nf* actinolite
- actínoto** *nm* actinolite
- activado,-da** *adj* activated
- actividad** *nf* [chem] activity
- Actual** *nm* Holocene
- acuático,-ca** *adj* aquatic
- ácueo,-ea** *adj* aqueous
- ácueoglacial** *adj* glacioaqueous
- ácueo-ígneo,-nea** *adj* hydroplutonic
- acuicierre** *nm* aquiclude
- acuiclusa** *nf* aquaclude
- acuico,-ca** *adj* aquic
- acuífera** *nf* aquifer
- acuífero,-ra** *adj* water-bearing, aquiferous | *a. artesiano* artesian aquifer
- acuífuga** *nf* aquifuge

- acuitardo** *nm* aquitard
- acumbrado,-da** *adj* in the form of a pinnacle
- acuminado,-da** *adj* conical
- acumulación** *nf* deposition | accumulation | accretion
- acumulador de mineral** *nm* large ore deposit
- acumular** *vtr* to aggrade
- acumulativo,-va** *adj* cumulative
- acuñamiento** *nm* truncation of strata or deposits by erosion | thinning out of a vein
- acuñarse** *vpr* to truncate
- acuoso,-sa** *adj* of or pertaining to water, aqueous | aqueous, watery
- acuoso** *adj* water soluble
- acústico,-ca** *adj* acoustic
- acutángulo,-la** *adj* acute angled
- achatado,-da** *adj* oblate
- achatación** *nm* levelling by erosion
- achatar** *vtr* to level by erosion
- achicamiento** *nm* draining of a mine
- achicar** *vtr* to dewater a mine or working
- achiflonado,-da** *adj* [Ch] sloping
- achique** *nm* dewatering
- achúa** *nf* [Ch] small, earthenware pan used for making tests during the *patio* process of amalgamating silver ores
- achura** *nf* [Bol] rich ore
- adamantino,-na** *adj* adamantine
- adamelita** *nf* adamellite
- adamina** *nf* adamite
- adarme** *nm* half a dram or 1/16 of a Spanish ounce
- adelantado,-da** *adj* advanced
- adelantar** *vtr* to advance
- adelgazamiento** *nm* the thinning out of a bed or vein | *a. que termina en cuña* wedging out
- adelgazar** *vtr* to thin out as for veins, beds, etc. | [Col] to separate gold and concentrates (*jaguas*) from gravel in order to facilitate final washing
- adema** *nm* [min] shore, prop
- ademado** *nm* [min] timbering, bracing, shoring | [Méx] well casing | *a. de cajón* cribwork
- ademador** *nm* timberman, shorer
- ademadora** *nf* ax used in mine timbering
- ademar** *vtr* to shore, timber (a mine)
- ademe** *nm* shore, strut | *a. de prestado* temporary timbering
- ademantino,-na** *adj* diamond-like, adamantine
- adentro** *adv* inside | *mar a.* offshore | *terra a.* inland
- adherido,-da** *adj* adherant | attached | *no a.* unattached
- adiabático,-ca** *adj* adiabatic
- adiamantado,-da** *adj* diamond-like, adamantine
- adición** *nf* apposition | addition
- adicional** *nm* admixture
- adicionante** *nm* admixture
- adinola** *nf* desmosite
- adipita** *nf* chabazite
- adobe** *nm* clayey, loess-like soil that is plastic when wet but hard when dried and thus suitable for brickmaking
- adobera** *nf* brickyard or brick works
- adoguina** *nf* desert pavement
- adorbería** *nf* brickyard
- adsorber** *vtr* to adsorb
- adsorción** *nf* adsorption
- adularización** *nf* adularitization
- adventicio,-cia** *adj* adventitious
- adyacente** *adj* adjacent, contiguous
- aegerina** *nf* acmite
- aegirina** *nf* acmite
- aerífero,-ra** *adj* copper-bearing
- aeróbico,-ca** *adj* aerobic
- aerolito** *nm* aerolite, stony meteorite
- aerofotografía** *nf* aerial photography
- aerofotográfico,-ca** *adj* aerial photographic
- aerofotogrametría** *nf* aerial photogrammetry
- aerofotogramétrico,-ca** *adj* aerial photogrammetric
- aerofototopografía** *nf* topography by aerial photography
- aeromagnético,-ca** *adj* aeromagnetic
- aeromagnetria** *nf* aeromagnetism
- aeropoligonación** *nf* aerial traversing
- aerotopógrafo** *nm* aerotopographer
- aerotriangulación** *nf* aerotriangulation
- aerovía de cable** *nf* aerial tramway
- afallamiento** *nm* [Méx] faulting
- afanesa** *nf* aphanite, clinoclase
- afanita** *nf* amphibolite | aphanite
- afanítico,-ca** *adj* aphanitic
- afídico,-ca** *adj* aphyric
- afín** *adj* adjacent | similar | affine
- afinación** *nf* refining | *a. por cristalización* Pattison process for separating silver from lead
- afinado** *nm* refining
- afinadura** *nf* refining
- afinamiento** *nm* refining
- afinar** *vtr* to refine metals
- afino** *nm* refining | refinery
- aflojadero** *nm* [Méx] the soft part of a vein
- aflojar** *vtr* to loosen, slacken | to remove ore trapped in an ore chute | *a. el canalón* [Col] to

- pan or wash material accumulated in a ground sluice (*canalón*)
- afloramiento** *nm* outcrop | exposure
- aflorar en** *vintr* to outcrop or crop out | to spring (groundwater) | *vtr* to sift or sieve
- afluencia** *nf* runoff, inflow
- afluente** *adj* inflowing, affluent, tributary | *nf* tributary
- afluir** *vintr* to flow in | to be a tributary | to open, lead
- aflujo** *nm* inflow, runoff, afflux
- aforamiento** *nm* valuation, appraisal | gauging, measuring
- aforar** *vtr* to gauge, measure capacity or tonnage | to measure or gauge a flow of water | to appraise
- aforo** *nm* gauging, measuring, measurement | appraisal, assessment, valuation | flow of a river | capacity
- afótico,-ca** *adj* aphotic
- afrechera** *nf* [Pe] a finely divided amalgam which results from the use of insufficient mercury
- afrentar un hilo** *vtr* [Col] to make a perpendicular cut across a vein to determine its thickness, dip and strike
- afrolítico,-ca** *adj* aphrolitic
- afrontonar** *vtr* to muck (ore)
- Aftonense** *nm* Aftonian, Günz-Mindel interglacial
- aga** *nf* red marl
- agalísico** *nm* plutonic rocks
- ágata** *nf* agate | *a. en cinta* ribboned agate
- agente** *nm* agent | *a. catalítico* catalyst | *a. de tierras* land man | *a. mineralizador* mineralizing agent | *a. mineralizante* mineralizing agent | *a. químico* reagent | *a. reductor* reducing agent
- aglomeración** *nf* agglomeration
- aglomerado** *nm* agglomerate, conglomerate | *a. volcánico* agglutinate
- aglomerante** *nm* matrix
- aglomerar** *vtr* to agglomerate
- aglutinante** *nm* cement
- aglutinar** *vtr* to agglutinate, cement | to aggregate
- aglutinización** *nf* agglutination
- agmatítico,-ca** *adj* agmatitic
- agojía** *nf* a channel cut to remove water from a mine
- agolpamiento** *nm* impounding
- agónico,-ca** *adj* agonic | *nf* agonic line
- agotado,-da** *adj* depleted, exhausted | pinched or thinned out
- agotamiento** *nm* depletion | drainage
- agotar** *vtr* to exhaust, deplete | to thin or pinch out | to drain, dewater
- agotarse** *vpr* to pinch or thin out
- agradación** *nf* aggradation
- agradar** *vtr* to aggrade
- agregación** *nf* aggregation
- agregado,-da** *adj* aggregated | *nm* aggregate | admixture | soil | *a. coloidal* admixture | *a. cristalino* crystal law group | *a. escalonado* graded aggregate | *a. graduado* graded aggregate | *a. grueso* coarse aggregate | *a. paralelo* crystal group | *a. tal como sale* run-of-mine aggregate
- agrietadura** *nf* crack or fissure
- agrietamiento** *nm* fissuring, fracturing
- agrimensor** *nm* surveyor | *a. de minas* mine surveyor
- agrimensura** *nf* surveying
- agrio,-ia** *adj* acid or sour | brittle (ores) | rough (terrain)
- agrisado,-da** *adj* greyish, grey
- agrupamiento** *nm* group | *a. cristalino* crystal law group
- agua** *nf* water | luster of diamonds and other precious stones | *a. abajo* downstream | *a. acídula* mineral water rich in carbonic acid | *a. arriba* upstream | *a. artesiana* artesian water | *a. avaiable* available moisture | *a. blanda* soft water | *a. calcárea* hard water | *a. capilar* capillary water | *a. carbonatada* carbonated water | *a. congénita* connate water | *a. connata* connate water | *a. cruda* hard water | *a. de achique* drained mine water | *a. de cal* lime water | *a. de cantera* quarry water | *a. de cohesión* cohesive water | *a. de consolidación* water of compaction | *a. de constitución* water of constitution | *a. de cristalización* crystallization water | *a. de descarga* waste water | *a. de expulsión* compaction water | *a. de fondo* ground water | bottom water (in a well) | *a. de formación* connate water | *a. de gravedad* meteoric water | *a. de grieta* fissure water | *a. de hidratación* water of hydration | *a. de imbibición* absorption water | *a. de infiltración* percolation water | *a. de lluvia* or *llovediza* rain water | *a. de madre* water from which minerals have precipitated, mother liquor | *a. de manantial* spring water | *a. de mar* seawater | *a. de mina* mine water | *a. de noria* [Méx] well water | *a. de percolación* percolation

- water | *a. de pie* spring water | *a. de retención* pore water | *a. de saturación* saturation water | *a. de sobresaturación* dilation water | *a. de tratamiento* process water | *a. del suelo* soil water | *a. delgada* soft water | *a. dormida* stagnant water | *a. dulce* soft or fresh water | *a. dura* hard water | *a. estancada* standing or stagnant water | *a. ferruginosa* iron-rich mineral water | *a. fósil* connate water | *a. freática* groundwater, phreatic water | *a. fuerte* nitric acid | *a. gorda* hard water | *a. infiltrada* percolation water | *a. juvenil* juvenile water | *a. limitada* bound water | *a. magmática* magmatic water | *a. marginal* edge water | *a. metamórfica* metamorphic water | *a. meteórica* meteoric water | *a. mineral* mineral water | *a. natural* spring water (lacking minerals) | *a. oxigenada* oxygenated water | *a. pelicular* pellicular water | *a. pluvial* rain water | *a. potable* potable water | *a. regia* aqua regia | *a. rejuvenecida* rejuvenated water | *a. salada* salt or saline water | *a. salobre* brackish or briny water | *a. singenética* connate water | *a. somera* shallow water | *a. subálvea* water in a stream bed | *a. subterránea* (under)ground water | *a. subterránea endicada* perched ground water | *a. subterránea fija* fixed ground water | *a. subterránea fijada* attached ground water | *a. subyacente* bottom or edge water | *a. sucia* unpotable water | *a. surgente* artesian water | *a. surgidor* artesian water | *a. surtidora* artesian water | *a. telúrica* groundwater | *a. termal* thermal water | *a. vadosa* vadose water | *a. vadosiana* vadose water | *a. viva* spring water
- aguacero** *nm* waterfall
- aguachento,-ta** *adj* watery, full of water, saturated
- aguachinar** *vtr* to saturate
- aguada** *nf* flood | saturation | inundation of a mine by water | [Ch] spring
- aguaducho** *nm* conduit | flood
- agualotal** *nm* [Arg, Cu] bog, swamp
- aguallita** *nf* shallow water
- agualluvia** *nf* rain water
- aguamarina** *nf* aquamarine
- aguar** *vtr* to water, dilute
- aguarse** *vpr* to be flooded or inundated by water
- aguas** *nfpl* mineral waters in general | *a. abajo* downstream | *a. altas* high water | *a. aprovechables* water resources | *a. arriba* up stream | *a. artesianas* artesian water | *a. bajas* low water | *a. broncas* [Méx] flood waters | *a. cloacales de infiltración* ground water | *aguas de*
- afloresamiento* upwelling | *a. de cabecera* [PR] headwaters | *a. estiales* low water | *a. inmundas* waste water | *a. juveniles* juvenile waters | *a. madres* mother solution | *a. meteóricas* meteoric water | *a. mínimas* low water | *a. pluviales* rain water | *a. residuales* waste water | *a. someras* [Arg] surface water | *a. telúricas* [Arg] ground water | *a. termales* thermal waters | *a. vertientes* runoff | *a. vivas* flowing water
- aguatal** *nm* [Ec] pool, swamp
- aguazal** *nm* swamp, bog, marsh
- agudo,-da** *adj* acute, sharp
- agüilla** *nf* water, fluid
- aguja** *nf* pointed peak of a mountain | compass needle | [surv] marking pin, arrow | [Sp] small vein | [Col] small branch vein or stringer | *a. de marear* compass
- agujerar** *vtr* to perforate
- agujero** *nm* drill hole | fissure | mouth of a well
- agujilla** *nf* [Hualgáyoc, Pe] fibrous stromeyerite
- aguosidad** *nf* water, fluid
- aguoso,-sa** *adj* watery
- aguzado,-da** *adj* tapering
- ahebrado,-da** *adj* fibrous
- ahechar** *vtr* to sift or sieve
- aherrumbrarse** *vpr* to be stained by iron oxide | to acquire the color of rust
- ahitar** *vtr* [surv] to set monuments
- ahocinarse** *vpr* to run through a narrow canyon (rivers) | to cut a gorge
- ahogado,-da** *adj* flooded, inundated, drowned | [Méx] embedded
- ahogar** *vtr* to submerge, drown
- ahogarse** *vpr* to be submerged | *a. el oro* [Col] to lose gold by being carried off by water
- ahondadura** *nf* sinking, excavation, digging
- ahondamiento** *nm* sinking, excavation, digging
- ahondar** *vtr* to sink a shaft | to deepen a well
- ahonde** *nm* sinking, excavation, digging | deepening | shaft dug to establish legal title to a claim | the depth of seven *varas* to which a discovery shaft must be dug to gain legal title to a claim
- ahuesado,-da** *adj* bone-colored, yellowish | bone-hard
- ahumado,-da** *adj* smokey
- aireado,-da** *adj* aerated
- aislamiento** *nm* isolation
- aiza** *nf* [Bol] caving
- ajaquefa** *nf* cave
- ajarafe** *nm* tableland
- ala** *nf* limb, side, flank

alabandina *nf* alabandite | hyaline quartz
alabastrado,-da *adj* alabaster, alabastrine
alabastrino,-na *adj* alabaster, alabastrine | *nf* thin sheet of alabaster
alabastrita *nf* translucent gypsum
alabastro *nm* alabaster | *a. yesoso* translucent gypsum
alado,-da *adj* flange-like
aladrero *nm* [Sp] timberman (in a mine)
alagadizo,-za *adj* subject to flooding
alagado *nm* flooded land
alagar *vtr* to flood
alagunar *vtr* [Ch] to flood
alajite *nm* [Méx] altered rhodonite
alambre *nm* copper | bronze | metal wire | *a. carril* [Arg] aerial tramway
alamontita *nf* allamontite
alanita *nf* allanite
alanoca *nf* an advance on wages yet to be received (these were regularly demanded by *minga* labor in Spanish colonial Perú)
alaskita *nf* alaskite
albar *adj* white | white-hot | *nm* dry, white earth
albaro,-ra *adj* white
albarazado,-da *adj* whitish
albariza *nf* lagoon | dry white earth
albarizo,-za *adj* whitish
albayaldado,-da *adj* covered by cerussite
albayalde *nm* cerussite | *a. de plomo* cerussite | *a. rojo* crocoite
albense *adj* Albanian
alberca *nf* pool, pond
albero *nm* whitish earth | [Andalusia, Sp] yellow sand used for construction
albertense *adj* Albertian
albertita *nf* asphaltic coal | ash coal | albertite
albiano,-na *adj* Albanian
albica *nf* white earth
albiense *adj* Albanian | *nm* Albanian
albín *nm* bloodstone (a *var* of hematite)
albina *nf* salt pool or marsh | albite (archaic spelling) | apophyllite | *a. de marisma* white deposits (*madre de sal*) left by salt marshes and lakes when they dry up
albino,-na *adj* very white
albitización *nf* albitization
albitizado,-da *adj* albitized
albitófico *nm* albitophyre
albufera *nf* coastal lagoon, tidal lagoon
albuhera *nf* pond

alcalde *nm* justice of the peace | *a. cañari* an Indian in charge of passing along instructions related to the *mita* | *a. de minas* a Spaniard or Creole who was the primary judge of cases involving miners and mining | *a. veedor* official charged with the inspection of working and mining conditions
álcali *nf* alkali
alcali-basalto *nm* alkali basalt
alcalinidad *nf* alkalinity
alcalino,-na *adj* alkaline | *a.-térreo* alkaline earth
alcalinotérreo,-rea *adj* alkaline earth
alcali-riolita *nf* alkali rhyolite
alcali-riolítico,-ca *adj* alkali rhyolitic
alcali-traquita *nf* alkali trachyte
alcance *nm* reach, range | drift | coverage
alcanzar a *vtr* to reach to, extend to | *vintr* to get as far as a certain point
alcapparosa *nf* copperas | *a. amarillo* copiapite | *a. azul* chalcantite | *a. blanco* goslarite
alcarria *nf* plateau
alcohol *nm* galena | [Bol] antimony | *a. de alferos* cubic crystals of galena | *a. de hoja* [Linares, Sp] galena containing little or no silver
alcor *nm* hill
alcotana *nf* pick, mattox | stone cutter's hammer
alcuba *nf* dome, cupola
alcubilla *nf* basin, pond
álea *nm* risk | randomness | *á funcional* random function | *á numérico* random variable | *á vectorial* random vector
aleación *nf* alloy
aleaje *nm* alloy
alear *vtr* to alloy
aleatorio,-ria *adj* random
aleatorización *nf* randomization
aledaño,-na *adj* bordering, adjacent
alejamiento *nm* [surv] latitude | *alejamientos y descianciones* latitudes and departures
alejandrita *nf* alexandrite (a *var* of chrysoberyl)
alemontita *nf* allemontite
alero *nm* horizontal bed or layer
alévante *nm* [Méx] overhand stope
alfagra *nf* [Sp] channel | gorge
alfaguara *nf* an abundant spring
alfaque *nm* shoal, bar
alférez *nm* an Indian serving as standard bearer in a *fiesta de tabla* (his contributions to the church and its officials exempted him from the *mita* for three years)
alfiler de oro *nm* [Col] acicular gold
alga *nf* alga

- algáceo,-cea** *adj* algal
algaida *nf* sand dune
alginó,-na *adj* algal
algotano,-na *adj* Algonian
algónquino,-na *adj* Algonkian | *nm* Algonkian
alkalitraquita *nf* alkali trachyte
alidada *nf* alidade
aligación *nf* alloy | [chem] bond
alimonados *nmpl* sulfides and other salts of silver
alindar *vt* to mark boundaries
alineación *nf* lineation | lineament | alignment
alindrar *vt* [Arg, Cu] to mark boundaries
aljez *nm* crude or natural gypsum
aljezar *nm* gypsum quarry | gypsum deposit
aljibe *nm* well | pool | [Col] spring
aljør *nm* gypsum
almacén *nm* warehouse | reservoir | *a. royal* Spanish royal storehouse for mercury (the production and distribution of which was a royal monopoly)
almadaneta *nf* rock hammer
almadén *nm* mine | mineral deposit
almádena *nf* rock hammer
almagra *nf* red ochre
almagradura *nf* red ochre coloring
almagral *nm* deposit of red ochre
almagre *nm* red ochre
almagrero,-ra *adj* abundant in red ochre | red ochre bearing
almaína *nf* rock hammer
almandina *nf* almandite, almandine
almandino *nm* almandite, almandine
almártaga *nf* litharge
almendra *nf* an almond-shaped diamond
almendrilla *nf* fine gravel | fine coal | [Guadalcazar, Méx] almond sized fragments of silicified limestone | [Aguascalientes, Méx] quartz matrix of copper veins
almirez *nm* mortar | *a. y mano* mortar and pestle
almoceda *nf* [Sp] water rights
almohadillado,-da *adj* pillow, pillow-like
almojatre *nm* sal ammoniac
alocroita *nf* allochroite
alocromático,-ca *adj* allochromatic
alóctono,-na *adj* allochthonous
alófana *nf* allophane
alogéneo,-nea *adj* allogeneous
alógeno,-na *adj* allogene, allogenic
alomado,-da *adj* undulating
alometamorfismo *nm* static or load metamorphism | dynamic metamorphism | contact metamorphism
alométrico,-ca *adj* allometric
alomorfita *nf* allomorphite
aloque *adj* light red
aloqueita *nf* allochetite (*obs*)
alotígeno,-na *adj* allothigenic
alotipo *nm* allotype
alotriomórfico,-ca *adj* anedral
alotriomorfo,-fa *adj* allotriomorphic
alotropía *nf* allotropy
alotrópico,-ca *adj* allotropic
alpestre *adj* alpine | mountainous
alpino,-na *adj* alpine
alpinotípico,-ca *adj* alpinotype
alquifol *nm* cubical galena | graphite
alquitrán *nm* tar | *a. de hulla* coal tar | *a. mineral* bitumen
alquitranso,-sa *adj* tarry
alsbaquita *nf* alsbachite (*obs*, granodiorite)
alta *nf* hanging wall | [New Almadén, Calif] layer of clay in the hanging wall of mercury deposits
altearse *vpr* to uplift, elevate
alteración *nf* alteration | weathering | *a. acumulativa* accumulative weathering | *a. atmosférica* weathering
alterado,-da *adj* altered
altillano *nm* [Col] plateau
altillo *nm* small hill
altimetría *nf* topographical survey, running levels, altimetry
altimétrico,-ca *adj* altimetric
altímetro,-ra *adj* altimetric | *nm* altimeter
altiplanicie *nf* high plateau, tableland
altiplanimétrico,-ca *adj* topographic
altiplano *nm* high plain, altiplano, plateau
altitud *nf* altitude, elevation
alto,-ta *adj* high, elevated
alto *nm* height, hill | elevation | upper part of a vein, deposit or mine | [Méx] hanging wall | elevated terrain | *a. horno* blast furnace
altozano *nm* small hill
altura *nf* height or summit | altitude, elevation | level | *a. de carga* [hyd] head | *a. piezométrica* hydraulic head
alud *nf* avalanche | *a. de cenizas* ash flow | *a. de fondo* landslide | *a. de hielo* ice avalanche | *a. de roca* rockslide

- alumbrar** *vtr* to strike, to find, to discover | to emerge (groundwater) | to treat with alum, aluminate
- alumbre** *nm* alum | *a. de piedra* alunite | *a. de roca* rock alum | *a. potásico* potash alum
- alumbrera** *nf* alum quarry
- alúmbrico,-ca** *adj* alum-bearing
- alumbroso,-sa** *adj* aluminous
- alúmina** *nf* alumina
- aluminífero,-ra** *adj* aluminum-bearing
- aluminio** *nm* aluminum
- aluminita** *nf* [Ch] an ore of potassium and aluminum sulfates
- aluminoso,-sa** *adj* aluminous
- alutación** *nf* nuggets of gold found in the weathered surface outcrop of veins or deposits
- aluvial** *adj* alluvial
- aluvión** *nm* flood | alluvium, wash or silt | *a. fluvio-glacial* glacial outwash | *a. metalífero* placer | *a. soplado* [Col] fluvial sediments deposited by strong currents or cataracts
- aluvional** *adj* alluvial
- aluvionamiento** *adj* alluviation | silting up | accretion
- aluvionario** *nm* [Arg] alluvial
- álveo** *nm* riverbed or channel | source of a river
- alveolado,-da** *adj* honeycombed
- alvéolo** *nm* cell
- alza** *nf* [Bol] washing of gold in a *lavadero*
- alzaguera** *nf* [Sp] spring, source
- alzar** *vtr* to hoist, raise, lift
- amagamiento** *nm* [Col] spring, source
- amalgama** *nf* amalgam
- amalgamar** *vtr* to amalgamate
- amarillento,-ta** *adj* yellowish
- amarillez** *nf* yellow
- amarillo,-lla** *adj* yellow | *a. de montaña* yellow ochre | *nm* yellow | [Zacatecas, Méx] gossan | *a. claro* light yellow | *a. oscuro* dark yellow
- amarrar las aguas** *vtr* [Col] to protect placer workings from inundation by means of dikes (*trinchos*)
- amarrar tonga** *vtr* [Col] to lessen the head (*tonga*) of water flowing through a sluice
- amatista** *nf* amethyst | *a. oriental* a violet-colored variety of corundum
- amazonita** *nf* amazonite
- ámbar** *nm* amber | *á negro* jet (*var* of black lignite)
- ambarino,-na** *adj* amber
- ambiental** *adj* environmental
- ambiente** *nm* environment | setting | *a. de sedimentación* area of sedimentation | *a. deposicional* depositional environment
- ámbito** *nm* perimeter | area
- ambligonita** *nf* amblygonite
- amianta** *nf* amianthus, a fine, silky *var* of asbestos
- amianto** *nm* asbestos
- amigdaloid** *adj* amygdaloidal | *nm* amygdaloid
- amígdula** *nf* amugdule
- amojonar** *vtr* [surv] to set monuments
- amoladera** *nf* [Bol] sandstone
- amoladura** *nf* grinding | *a. glacial* glacial striae
- amolinar** *vtr* [Col] to collect spalled ore in underground mines for processing | to collect ore in a ground sluice (*canalón*) for washing
- amoníaco** *nm* ammonia
- amonita** *nf* ammonite
- amonítico,-ca** *adj* ammonitic
- amontonar** *vtr* to pile up, make into heaps
- amorfo,-fa** *adj* amorphous
- amortización** *nf* pay out, amortization
- amparar** *vtr* to obtain title to a property | *a. en la posesión* to keep a property in possession by doing assessment work, etc.
- amparo** *nm* maintenance of the legal right of ownership by continual use
- ampelita** *nf* cannel coal | ampelite | *a. gráfica* lithographic stone
- amplificación** *nf* amplification | magnification
- amplificador** *nm* amplifier
- amplio,-lia** *adj* wide, broad
- ampolla** *nf* blister | pocket (of ore) | a large brachyanticline | *a. de lava* lava blister
- ampoloso,-sa** *adj* porous, containing cavities
- anaeróbico,-ca** *adj* anaerobic
- analcima** *nf* analcime, analcite
- anabergita** *nf* annabergite
- anacorado,-da** *adj* pearly
- análisis** *nm* analysis | *a. armónico* harmonic analysis | *a. cristalquímico* crystal-chemical analysis | *a. cualitativo* qualitative test | *a. cuantitativo* quantitative test | *a. de cedazo* screen or sieve analysis | *a. de la variancia* analysis of variance | *a. discriminante* discriminant analysis | *a. factorial* factor analysis | *a. ponderal* gravimetric analysis | *a. químico* chemical analysis
- analista** *nm* and *nf* analyst
- analítico,-ca** *adj* analytic, analytical
- analizador** *nm* analyst | analyzer | *a. fotométrico* photometric analyzer

- analizar** *vtr* to analyze
anasismo *nm* anaseism
anastomasado,-da *adj* anastomosing
anastomosarse *vpr* to anastomose
anatasa *nf* anatase
anataxia *nf* anataxis
anaxil *adj* anaxial
anco *nm* [Bol] impure native silver | [Ch, Pe] a silver ore
ancón *nm* bay, cove
anconada *nf* large bay, cove
ancho,-cha *adj* broad, wide | *nm* width, breadth
anchura *nf* width of a bed or deposit | widening of a vein, etc. | open terrain
anchurón *nm* chamber, room (in a mine)
anchuroso,-sa *adj* wide, large
andadero,-ra *adj* accessible by foot
andalucita *nf* andalusite
andana *nf* lineation of hill, etc.
andarivel *nm* aerial tramway
andén *nm* [Bol, Pe] terrace (landform)
andino,-na *adj* Andean
andurrial *nm* clay pit or deposit
anegable *adj* subject to flooding
anegar *vtr* to flood, submerge, inundate
anegarse *vpr* to be flooded, submerged, inundated
anfibio *nm* amphibian
anfíbol *nm* amphibole
anfíbolesquisto *nm* hornblende schist
anfíbólico,-ca *adj* amphibolic
anfíbolífero,-ra *adj* amphibole-bearing
anfíbolita *nf* amphibolite
anfíbolización *nf* amphibolization
anfingena *nf* leucite
anfiteatromorrénico *nm* glacial lodge
anfótero,-ra *adj* amphoteric
anfractuosidad *nf* extent of broken terrain
angla *nf* cape
angosto,-ta *adj* narrow
angostarse *vpr* to thin, become narrow
angostura *nf* narrowness | narrow, pass, gorge | narrows of a river
Angoumense *nm* Angoumian
angra *nf* cove, small bay
anguena *nf* [Sp] silver ore
ángulo *nm* angle | corner | *á agudo* acute angle | *á axil* axial angle | *á axil aparente* apparent axial angle | *á de cabeceo* angle of pitch | *á de cizalladura* angle of shear | *á de deslizamiento* angle of slide | *á de discordancia* angle of unconformity | *á de estratificación* angle of bedding | *á de extinción* angle of extinction | *á de incidencia* angle of incidence | *á de inclinación* angle of dip, pitch | *á de pendiente* angle of slope | *á de reflexión* angle of reflection | *á de refracción* angle of refraction | *á de reposo* angle of repose or rest | *á de rotación* angle of rotation | *a. de rumbo* angle of strike | *á externo* external angle | *á interno* internal angle | *á obtuso* obtuse angle | *á recto* right angle | *estar en á* to be at an angle | *formar un á con* to be at an angle to | *formar un á de* to form an angle of
- angulosidad** *nf* angularity
anguloso,-sa *adj* angular
anhedral *adj* anhedral
anhídrico,-ca *adj* anhydrous
anhídrita *nf* anhydrite
anhidro,-ra *adj* anhydrous
anidado,-da *adj* nested
aniego *nm* [Méx] inundation, flooding
aniegue *nm* [Méx] inundation, flooding
anhédrico,-ca *adj* alotriomorphic
anillo *nm* ring, annulus | *a. anual* annual ring
anisiano,-na *adj* Anisian
Anisiense *nm* Anisian
anisométrico,-ca *adj* anisometric
anisopericlasa *nf* fault or fracture parallel to a fold
anisotropía *nf* anisotropy
anisotrópico,-ca *adj* anisotropic
anisótropo,-pa *adj* anisotropic
ánodo *nm* anode
anomalía *nf* anomaly | *a. al aire libre* free air anomaly | *a. gravimétrica* gravity anomaly | *a. magnética* magnetic anomaly
anómalo,-la *adj* anomalous
anormalidad *nf* abnormality
anorganógeno,-na *adj* inorganic
anorogénico,-ca *adj* anorogenic
anórtico,-ca *adj* asymmetric
anortita *nf* anorthite
anortoclasa *nf* anorthoclase
anortosita *nf* anorthosite
anquería *nf* [Pe] silver ore that mimics cubic galena
anta *nf* [Pe] copper | *a. chacra* copper mine
antártico,-ca *adj* antarctic
antearrecife *nm* forereef
antecambriano,-na *adj* Precambrian | *nm* Precambrian
antecedente *adj* antecedent | *nmpl* preliminary data
anteclisa *nf* anteklise

- antecubeta** *nf* foredeep
antefosa *nf* foreland basin, foredeep
antepaís *nm* foreland
antepecho *nm* bench (in a mine)
anteponzo *nm* foreshaft
anticlase *nf* anticlase
anticlinal *adj* anticlinal | *nm* anticline | *a.* *acostado* recumbant anticline | *a.* *asimétrico* asymmetric anticline | *a.* *calvo* bald-headed anticline | *a.* *de sill* air saddle | *a.* *desmantelado* breached anticline | *a.* *recostado* recumbant anticline | *a.* *recumbente* recumbant anticline | *a.* *simétrico* symmetric anticline | *a.* *tumbado* overturned anticline | *a.* *volcado* inverted or overturned anticline
anticlinorio *nm* anticlinorium
antiduna *nf* antidune
antiforma *nf* antiform
antiguo,-gua *adj* ancient | primordial | olden, dating back to Spanish colonial times or earlier | *nm* mine worked in Spanish colonial times
antimoniado,-da *adj* antimony-bearing
antimónico,-ca *adj* antimony, antimonic
antimonio *nm* antimony | antimony ore | *a.* *arsenical* allemontite | *a.* *blanco* valentinite | *a.* *gris* stibnite | *a.* *rojo* kermesite
antimonioso,-sa *adj* antimonial
antióndula *nf* antiripple
antipertita *nf* antiperthite
antirizadura *nf* antiripple
antitético,-ca *adj* antithetic
antofilita *nf* anthophyllite
antracita *nf* anthracite
antracítico,-ca *adj* anthracitic
antracito,-ta *adj* black
antracitoso,-sa *adj* anthracite-bearing
antro *nm* cave, cavern
anular *adj* annular
añil *nm* indigo blue
añilado,-da *adj* indigo blue
aovado,-da *adj* oval, egg-shaped
apacheta *nf* [Pe] summit or mountain
apogado,-da *adj* extinct, quenched, extinguished
apacheta *nf* [Pe] summit, pass
apagar *vtr* to quench, extinguish | *a.* *un horno* to blow out a furnace
apalache *adj* Appalachian | *nm* Appalachian
apalancar *vtr* to lever | to get ore from a hopper
apantamar *vtr* to flood, inundate
aparato *nm* apparatus | system | *a.* *volcánico* volcanic system
aparecer *vintr* to appear in the literal sense as in 'the ship appeared on the horizon' thus *las andesitas aparecen intruidas por un filon* does not imply any doubt about the intrusive relationship | to appear on a list
aparejado,-da *adj* paired
aparejamiento *nm* pairing
aparejo *nm* apparatus, rig | *a.* *de perforación* drilling rig
aparinar *vtr* to show indications of ore
apartado *nm* sorting or cobbing of ore | smelting | refining or parting of gold | smelter | *a.* *a. mano* hand sorting | *casa del a.* parting or assay establishment
apartador *nm* ore picker | smelter
apartamiento *nm* extraction of minerals
apartar *vtr* to sort or cob ore | to part or refine during assaying | to extract minerals
aparte *adv* separately, separated
apatito *nm* apatite | *a.* *fluor* fluorapatite
apeador *nm* land surveyor
apeadura *nf* surveying
apear *vtr* to survey | to shore, timber, brace
apeo *nm* survey | timbering, shoring
aperatura *nf* aperture | act of opening (a mine)
ápice *nm* apex
apilamiento *nm* arrangement of atoms in a crystal lattice
apique *nm* [Col] shaft or winze
apireo *nm* [Ch] removal of ore in hand-carried baskets
apiri *nm* ore carrier (usually a *mitayo*)
apizarrado,-da *adj* slate-colored | slaty, with slaty cleavage | containing slate
apizarramiento *nm* slaty cleavage
aplanado,-da *adj* complanate | leveled
aplanamiento *nm* levelling
aplanar *vtr* to level
aplantillar *vtr* to dress stone according to a pattern
aplastamiento *nm* collapsing, crushing | flattening | *a.* *de trozos de pómez* flattening of pumice fragments
aplastar *vtr* to flatten | to crush
aplastarse *vpr* to collapse
aplogranito *nm* aplogranite
aplomado,-da *adj* lead-colored, leaden
aplomado *nm* [Michoacan, Méx] lead-colored copper ore consisting of bornite, chalcocite, and tetrahedrite
aplomarse *vpr* to collapse
apofilita *nf* apophyllite

- apófisis** *nm* apophyses
- apolvillado** *nm* [Guanajuato, Méx] a second class of rich ore from the *veta madre* yielding about 750 ounces silver to the ton
- apomagnético,-ca** *adj* apomagmatic
- aporcelenado,-da** *adj* porcellaneous
- aportación** *nf* inflow, runoff
- aporte** *nm* runoff, inflow
- apreciación** *nf* appraisal, valuation, estimation, estimate
- apreciar** *vtr* to appraise, value | to make out | to see
- precio** *nm* appraisal, valuation, estimation
- apretado,-da** *adj* brief, compressed | compact
- apretura** *nf* narrow opening | gorge
- aprovechamiento** *nm* use, utilization | exploitation, development | reclamation
- aprovechar** *vtr* to exploit an opportunity | to exploit, develop or improve any natural resource
- aptiano,-na** *adj* Aptian | *nm* Aptian
- aptense** *adj* Aptian | *nm* Aptian
- aptiense** *adj* Aptian | *nm* Aptian
- apuntamiento** *nm* small outcrop
- aquerita** *nf* akerite (*obs*, syenite)
- apurar** *vtr* to purify metal | to concentrate ore
- aquilatación** *nf* assay | alloy
- aquilatamiento** *nm* assay
- aquilatar** *vtr* to assay precious metals | to weigh precious stones | to alloy
- aquitaniense,-na** *adj* Aquitanian
- aquitaniense** *adj* Aquitanian
- aragonito** *nm* aragonite
- arancel** *nm* tariff | legal exaction made by a priest to support himself and his church
- arbolita** *nf* harbolite
- arborescencia** *nf* arborescence
- arborescente** *adj* arborescent
- Arcaica** *nf* Archaean
- arcilla** *nf* clay | any clay mineral | *a. alfareía* potter's clay | *a. aluminosa* steatite, talc | *a. apizarada* slate | *a. arenosa* sandy clay | *a. aurífera* gold-bearing clay | *a. de batán* fuller's earth | *a. caolínica* feldspathic shale | *a. cocida* baked clay | *a. endurecida* claystone, clay gall | *a. figulina* potter's clay | *a. de filtro* filter clay | *a. de pedernal* flint clay | *a. enduricida* [Vz] claystone | *a. esquistosa* shale | *a. ferruginosa* clay ironstone | *a. glaciár* glacial material | *a. gredosa* gouge | *a. inflamable* bituminous clay | *a. laminar* [Vz] shale | *a. pedragosa* till, boulder clay | *a. pizarrosa* shale, slate | *a. plástica* gumbo
- | *a. refractoria* refractory clay | *a. roja* red clay | *a. violácea* lithomarge
- arcillar** *nm* clay deposit
- arcillita** *nf* claystone
- arcilloso,-sa** *adj* clayey, argillaceous, argillic
- arco** *nm* arc | arch | *a. de islas* island arc | *a. insular* island arc
- arcosa** *nf* arkose
- arcósico,-ca** *adj* arkosic
- arcosita** *nf* arkosite
- área** *nf* area | are (100 square meters) | *á. alimentadora* watershed | *á. asísmica* aseismic region | *á. comprobada* proven territory | *á. de drenaje* drainage area | *á. de escurrimiento* [Col] watershed | *á. de exploración* exploration area | *á. no probada* unproven area | *á. vertiente* watershed
- areg** or **arej** *nm* erg, sand desert
- arena** *nf* sand, grit | gold placer | *a. asfáltica* tar sand | *a. aurífera* gold-bearing sand | *a. bruja* fine sand | *a. compacta* close sand | *a. cuarzosa* quartz sand | *a. de cantera* pit sand | *a. de carboncillo* sun-burnt sand | *a. de cava* sand pit | *a. de conchas* shell sand | *a. de cuarzo* quartz sand | *a. de duna* dune sand | *a. de escape* thief sand | *a. de fosa* sand pit | *a. de guija* sand pit | *a. de hoyo* sand pit | *a. de mar* beach sand | *a. de mina* pit sand | *a. de oro* gold dust | *a. de playa* beach sand | *a. de sílice* silica sand | *a. eólica* aeolian sand | *a. esqueleal* skeletal sand | *a. fluvial* river sand | *a. fluvialglaciár* fluvialglacial sand | *a. franca* loamy sand | *a. galuconita* greensand, glauconitic sand | *a. gasífera* gas sand | *a. gorda* coarse sand | *a. granítica* granite wash | *a. gruesa* coarse sand | *a. lacustre* lacustrine sand | *a. marina* marine sand | *a. movediza* quicksand | *a. muerta* sand not mixed with earth | *a. orienta* [Arg] sand from Uruguay | *a. oscura* black sand | *a. petrolífera* oil sand | *a. pomosa* sand formed from pumice fragments | *a. productiva* pay sand | *a. profunda* deep (oil-bearing) sand | *a. recia* coarse sand | *a. verde* green sand
- arenáceo,-cea** *adj* sandy, arenaceous
- arenal** *nm* large expanse of sand | sandy place or ground | sand deposit, pit, bar | [Méx] sand dune
- Arenigense** *nm* Arenigian
- arenigiano,-na** *adj* Arenigian | *nm* Arenigian
- arenilla** *nf* fine sand | [Méx] tailings | [Vz] black, magnetite-bearing sand | [Col] titaniferous iron ore | [Hidalgo, Méx] smalls

- from ore sorting | [Ch] copper matte mixed with slag
- arenisca** *nf* sandstone | *a. amasada* kneaded sandstone | *a. arcosa* arkosic sandstone | *a. arcósica* arkosic sandstone | *a. caliza* calcareous sandstone | *a. glauconítica* glauconitic sandstone | *a. gruesa* grit | *a. malaxada* kneaded sandstone | *a. margosa* marly sandstone | *a. profunda explotable* farewell sand | *a. silícea* silicic sandstone | *a. verde* green sand | *a. volcánica* ashy grit
- arenisco,-ca** *adj* sandy
- areniscoso,-sa** *adj* arenilitic
- arenoso,-sa** *adj* sandy, arenaceous, arenose | *nf* freestone, sandstone which cleaves easily
- aréola** *nf* areole
- argarita** *nf* marcasite
- argayo** *nm* talus
- argentado,-da** *adj* silver, silvery
- argénteo,-tea** *adj* silver, silvery
- argentífero,-ra** *adj* silver-bearing, argentiferous
- argentino,-na** *adj* silvery, argentine
- argentoso,-sa** *adj* silver-bearing, argentiferous
- argila** *nf* clay
- argilita** *nf* argillite
- argilolita** *nf* claystone
- argiloso,-sa** *adj* clayey, argillaceous
- argilla** *nf* clay
- argirita** *nf* argentite | [Bol] marcasite
- argirosa** *nm* pyrargirite | argentite
- argón** *nm* argon
- argoviano,-na** *adj* Argovian | *nm* Argovian
- argoviense** *adj* Argovian | *nm* Argovian
- aridez** *nf* aridity
- árido,-da** *adj* arid, dry | *nml* aggregate | *á. finos* fine aggregate | *á. graduados* graded aggregate | *á. gruesos* coarse aggregate
- arisco,-ca** *adj* rough, uneven (terrain)
- arista** *nf* arête | intersection of crystal faces at a right angle | *a. polar* an *arista* that cuts an axis of symmetry | *a. hidrográfica* [Vz] watershed divide
- arkosa** *nf* arkose
- armadura** *nf* framework | [Méx] country or host rock
- armar** *vtr* to put together, assemble | *v intr* to be hosted by, occur in
- armoniaco** *nm* sal ammoniac
- armónico,-ca** *adj* harmonic
- aromático,-ca** *adj* aromatic
- aromatización** *nf* aromatization
- arqueada** *nf* part of a vein that branches off and then reunites with the vein in the form of an arch
- arqueado,-da** *adj* arcuate
- arquamiento** *nm* arching
- arqueano,-na** *adj* Archean | *nm* Archean
- arqueociático** *nm* archaeocyathid
- arqueozoico,-ca** *adj* Archeozoic | *nm* Archeozoic
- arquería** *nf* [Ch] silver amalgam
- arrambarse** *vpr* to be covered by sand (after a flood)
- arrancar** *vtr* to break ground, dig | to mine | to begin extraction or processing | *a. el carbón* to break down coal
- arranque** *nm* breaking ground, digging | mining, extraction | processing | drill pattern for blasting
- arrarsarse** *vpr* to be filled with liquids
- arrastrado,-da** *adj* dragged along, transported
- arrastrar** *vtr* to drag along the ground | to haul, convey | to unite as veins into one | to scour, wash out
- arrastre** *nm* creep, drag | drag-mill used to crush ore (generally misspelled in English as *arrastra*) | haulage or conveyance | slope or inclination of a shaft, etc. | footwall | *a. de mano* hand operated drag-mill used for sampling | *a. de marca* large drag-mill | *a. de mula* drag-mill powered by mules | *a. ecuatorial* ecuatorial drift
- arrastres** *nml* silt, suspended matter
- arrate** *nm* a pound of sixteen ounces
- arreador** *nm* a person, usually *creole* or *mestizo*, used to quicken the pace of work in a mine or mill which largely employed Indians, most of whom were *mitayos*
- arrecife** *nm* ridge of rock | reef | *a. algino* algal reef | *a. anular* annular reef | *a. coralino* coral reef | *a. corolígeno* atoll reef | *a. costero* fringing or shore reef | *a. de algas* algal reef | *a. de barra* or *barrera* barrier reef | *a. franeante* fringing reef | *a. litoral* fringing reef | *a. marginal* fringing reef | *a. orgánico* organic reef
- arremolinamiento** *nm* agglomeration
- arremolinarse** *vpr* to agglomerate
- arrendador** *nm* lessor
- arrendamiento** *nm* lease
- arrendar** *vtr* to lease
- arrendatario** *nm* lessee, leaseholder
- arriada** *nf* flood
- arriarse** *vpr* to flood

- arribera** *nf* fluvial valley
- arriñonado,-da** *adj* boytriodal, nodular
- arriscado,-da** *adj* craggy
- arroba** *nf* a weight of 25 spanish pounds (mules could carry a maximum of 14 *arrobas*) | *a. granadina* [Col] a weight equivalent to 125 kilograms | *a. inglesa* quarter | *a. marina* a weight of 31 or 32 Spanish pounds
- arroyado,-da** *adj* gullied | *nf* course of an arroyo
- arroyar** *vt* to gully, form gullies
- arroyo** *nm* brook, stream, creek | any ephemeral water course | dry wash (less precipitous than a *barranca*) | *a. desecado* nullah | *a. subglaciar* glacial stream
- arroyuelo** *nm* brooklet
- arruga** *nf* small fold
- arrugación** *nf* folding of strata
- arrugado,-da** *adj* wrinkled, corrugated, fluted
- arrugamiento** *nm* folding of strata | small fold
- arrugar** *vt* to fold
- arrugia** *nf* gold mine | working of auriferous gravels
- arribamiento** *nm* strike of a bed, vein, etc. | bearing
- arribar** *vt* to outcrop
- arseniato** *nm* arsenate
- arsénico** *nm* arsenic | *a. piritoso* arsenopyrite | *a. rojo* realgar
- arsenioso,-sa** *adj* arsenious
- arseniuro** *nm* arsenide
- arsenoblenda** *nf* arsenic blende | *a. amarilla* orpiment
- arsenopirita** *nf* arsenopyrite
- artesa** *nf* gold pan | [Col] river basin | *a. de criba* screen pan | *a. oscilante* cradle (for washing placers)
- artesiano,-na** *adj* artesian
- artesón** *nm* wash trough (placer mining)
- ártico,-ca** *adj* arctic
- asbestino,-na** *adj* asbestine, made of asbestos
- asbesto** *nm* asbestos | *a. actinolito* actinolite | *a. lignoso* ligniform asbestos
- asbolana** *nf* asbolite, cobalt ocher
- ascender a** *vintr* to come to, amount to, reach
- ascenco** *nm* ascent, uplift, raise
- ascharita** *nf* szaibelyite
- asentamiento** *nm* settling
- asentar** *vt* to rest upon
- asentarse** *vpr* to settle
- asentista** *nm* contractor, tutworker | *a. de azogue* contractor charged with transport of mercury from *almacenes reales* to silver mining centers
- such as *Cerro Rico de Potosí* where the *patio* process of amalgamation was used for silver extraction
- aserrado,-da** *adj* serrated
- asfalteno,-na** *adj* asphaltene | *nm* asphaltene
- asfáltico,-ca** *adj* asphaltic
- asfaltífero,-ra** *adj* asphalt-bearing
- asfalto** *nm* asphalt | *a. de escorias* clinker asphalt | *a. mexicano* chapapate | *a. verde* green tar
- ashgilliano,-na** *adj* Ashgillian | *nm* Ashgillian
- Ashgilliense** *nm* Ashgillian
- asídero** *nm* asiderite
- asiento** *nm* settling | sediment that settles in vats, etc. | *a. de minas* or *a. mineral* mineralized region
- asignar a** *vt* to assign to a formal stratigraphic unit | to allot or allocate
- asimetría** *nf* asymmetry
- asimétrico,-ca** *adj* asymmetric
- asimilación** *nf* assimilation | *a. magmática* assimilation
- asíntota** *nm* asymptote
- asintótico,-ca** *adj* asymptotic
- asísmico,-ca** *adj* aseismic
- asociación** *nf* assemblage | *a. de fósiles* fossil assemblage
- asociar a** *vt* to associate or associate with | to bracket a category, etc.
- asombrarse** *vpr* to become flatter | to become more bed or *manto* like (veins)
- asomo** *nm* outcrop | edge of a precipice | inlier
- aspa** *nf* cross in the form of an X | [Pe] the intersection of two veins
- aspar** *vt* to cross in the form of an X
- aspecto** *nm* aspect | *a. vítreo* glassy appearance
- aspereza** *nf* roughness, unevenness (of terrain)
- áspero,-ra** *adj* uneven, rough (terrain) | harsh
- asperón** *nm* sandstone | *a. carbonífero* carboniferous sandstone
- aspillera** *nf* dissolution surface on carbonate rocks
- asquístico,-ca** *adj* aschistic
- asquisto,-ta** *adj* aschistic
- asta de venado** *nf* [Pe] anglesite
- astenolito** *nm* asthenolith
- astenosfera** *nf* asthenosphere
- astería** *nf* asteria or asteriated sapphire | cat's eye (a *var* of chalcedony)
- asterismo** *nm* asterism
- Astiano,-na** *adj* Astian
- astiense** *nm* Astian

- astilla** *nf* chip, splinter, spall | [Pataz, Pe] particles of gold found in mud accumulated in street gutters after a heavy rain | *a. de cantera* quarry spall
- astillar** *vtr* to splinter
- astillarse** *vpr* to spall | to splinter
- astilloso,-sa** *adj* hackly, splintery | easily chipped
- astrago** *nm* soil horizon
- astrakanita** *nf* astrakhanite
- astrofilita** *nf* astrophyllite
- atabacado,-da** *adj* tobacco-colored
- atacar con ácido** *vtr* to etch with acid
- ataque** *nm* [Pe] breaking ground | *a. químico* etching | *nimpl* deads, waste
- atascadero** *nm* swamp
- atectónico,-ca** *adj* atectonic
- atenuación** *nf* attenuation
- aterramiento** *nm* alluvium | action of silting up
- aterrar** *vtr* to silt up
- atico,-ca** *adj* Attic
- atierre** *nm* silting up | *nimpl* deads, waste
- atíncar** *nm* refined borax
- atípico,-ca** *adj* atypical
- atmósfera** *nf* atmosphere
- atmosférico,-ca** *adj* atmospheric
- atol** *nm* atoll
- atolón** *nm* atoll
- atolladero** *nm* swamp
- atómico,-ca** *adj* atomic
- átomo** *nm* atom
- atracción** *nf* attraction
- atravesado,-da** *adj* crossed or cut by another vein, fault, etc.
- atravesar** *vtr* to lay across, span | to go or pass through, penetrate | to pierce, run through | to cross, go across | *a. a un filón* to cut across a vein or lode
- atravesarse** *vpr* to lie across, span
- atraveso** *nm* [Ch] gap, pass
- aturiano,-na** *adj* Aturian | *nm* Aturian
- aturicense** *adj* Aturian | *nm* Aturian
- aturquesado,-da** *adj* turquoise
- atutía** *nf* tutty (metal oxides encrusted on furnaces and chimneys)
- auerbaquita** *nf* auerbachite
- augengneis** *nm* augengneiss
- aulacógeno** *nm* aulacogen
- aumento** *nm* magnification | *a. de una playa* advance of a beach
- auramalgama** *nf* gold amalgam
- áureo,-rea** *adj* gold, golden, aureate
- aureola** *nf* aureole | *a. albitica* albitic rim | *a. de contacto* contact aureole
- auricalcita** *nf* aurichalcite
- áurico,-ca** *adj* auric, gold
- aurífero,-ra** *adj* gold-bearing, auriferous
- autigénesis** *nf* authigenesis
- autigénico,-ca** *adj* authigenic
- autígeno,-na** *adj* authigenic
- autoclástico,-ca** *nf* autoclastic
- autocorrelación** *nf* autocorrelation
- autóctono,-na** *adj* autochthonous | *nm* autochthon
- autóctonon** *nm* autochthone
- autoformación de brechas** *nf* autobrecciation
- autointrusión** *nf* auto-injection, autointrusion
- autolito** *nm* autolith
- autometamorfismo** *nm* autometamorphism
- automorfo** *nm* idiomorphic
- autópore** *nm* autopore
- autopotential** *nm* selfpotential
- autuniano,-na** *adj* Autunian
- Autuniense** *nm* Autunian
- Auversense** *nm* Auversian
- auxilio** *nm* credit | *a. de entre semana* credit offered by a bank enabling a miner to borrow against the subsequent week's production | *a. ordinario* a regular credit extended by a bank at the beginning of the year to miners in a *gremio de azogueros* in proportion to the number of stamps their mills employed
- avalancha** *nf* avalanch | [Arg] flood
- avaluar** *vtr* to appraise, value, estimate
- avance** *nm* advance | *a. de una playa* advance of a beach | *a. del glaciar* glacial advance | *a. del mar* transgression | *a. en dirección* advance on strike
- avenamiento** *nm* drainage, draining | *a. autógeno* autogenic drainage | *a. centrípetro* internal drainage | *a. desordenado* aimless drainage
- avenar** *vtr* to drain
- avenc** *nm* [Catalonia, Sp] sinkhole
- avenida** *nf* flood
- aventadero** *nm* [Pe] gold placer | [Arg] shallow, Quaternary placer | [Col] placer above the banks of a river
- aventurino,-na** *adj* aventurine | *nf* aventurine
- averno** *nm* gas pocket (in a coal mine)
- avetado,-da** *adj* veined, seamed
- aviador** *nm* person who finances a mine, contracting for the work | person who advances funds or goods against future

- production from a mine | supplier of goods to miners
- aviadoro,-ra** *adj* subject to assessment
- aviar** *vtr* to finance a mine | to grubstake, lend money and equipment for working a mine
- avío** *nm* preparation, provision | implement or material used in a mine | hereditary lease | funds or goods advanced for working a mine, grubstake | goods supplied to miners, supplies
- aviso sísmico** *nm* foreshock
- avolcanado,-da** *adj* volcanic
- axil** *adj* axial
- axilar** *adj* axillary
- ayllu** *nm* social group of Andean Indians united through kinship | a drove of twenty *llamas* or *burros* in the charge of *cumuris* and used to transport ore
- azabachado,-da** *adj* jet-black
- azabache** *nm* jet (a *var* of lignite)
- azada** *nf* a tool used to dress stone
- azanca** *nf* spring
- azar** *nm* chance | *al a.* at random
- azarcón** *nm* crocoite, red lead | *a. nativo* minium
- azarnefe** *nm* orpiment
- azimut** *nm* azimuth
- azoado,-da** *adj* nitrogenous
- azoar** *vtr* to nitrogenate
- azoato,-ta** *adj* nitrate | *nm* nitrate
- ázoe** *nm* nitrogen
- azogado** *nm* mercury poisoning
- azogamiento** *nm* mercury poisoning
- azogarse** *vpr* to become poisoned by mercury
- azogue** *nm* mercury | ore amenable to amalgamation with mercury | [Pachuca, Méx] second class ores | [Sinaloa, Méx] ore of silver sulfides, embolite, and copper silicate in a quartz matrix | [Batopilas, Méx] ore containing visible silver | *a. apolvillado* ore very amenable to amalgamation | *a. común* ore generally amenable to amalgamation | *a. ordinario* ore generally amenable to amalgamation | *a. razonable* ore marginally amenable to amalgamation
- azoguería** *nf* amalgamation works
- azoguero** *nm* [Potosí, Bol] an owner or renter/operator of mines and mills
- azoguería** *nf* amalgamating works | the amalgamation process
- azoico,-ca** *adj* azoic | *nm* azoic | nitric
- azótico,-ca** *adj* nitric
- azolverse** *vpr* to silt up
- azolve** *nm* silt
- azolvos** *nmpl* silt
- azúcar** *nf* [Col] granular soft white calcite matrix to native gold ore
- azufrado,-da** *adj* sulfurated | sulfur colored | *nm* sulfurizing | [col] yellow ochre found in veins | [Hualgáyoc, Pe] yellow ore derived from decomposition of galena | [Ch] nitrate of soda (*caliche*) of a canary or lemon yellow color | [Pe] sulfide ore
- azufral** *nm* solfatera
- azuframiento** *nm* sulfurizing
- azufrar** *vtr* to sulfurate, impregnate with sulfur
- azufre** *nm* sulfur | *a. nativo* native sulfur | *a. vivo* brimstone, molten sulfur, native sulfur
- azufrera** *nf* sulfur mine
- azufrón** *nm* pyritic mineral in a pulverulent condition | [Méx] sulfide ore
- azufroso,-sa** *adj* sulfurous
- azul** *adj* blue | *nm* blue, blueness | [Cartagena, Sp] greenish-blue slate bearing disseminated galena and iron silicate | [Méx] silver-bearing sulfide ores | *a. acerado* [Zacatecas, Méx] stephanite | *a. celeste* sky blue | *a. claro* light blue | *a. de cobalto* cobalt blue | *a. de montaña* azurite | *a. de ultramar* ultramarine blue | *a. marino* navy blue | *a. oscuro* dark blue | *a. plomilloso* [Zacatecas, Méx] argentite | *a. turquí* indigo blue | *a. verdoso* petrol blue
- azulado,-da** *adj* bluish, blue
- azulaque** *nm* bitumen | [Zacualpan, Méx] argentite | [Fresnillo, Méx] disseminated pyrite, argentite, silver chloride and native silver ores distal to veins | *a. y cardenilla* [Guerrero, Méx] silver-rich copper ores of blue and green colors
- azulenco,-ca** *adj* bluish
- azulillo** *nm* silver-bearing carbonate ore
- azulino,-na** *adj* bluish
- azuloso,-sa** *adj* bluish
- azumbre** *nf* a liquid measure of capacity equivalent to about two liters
- azurita** *nf* azurite
- azurronado** *nm* [Tlalpujahua, Méx] silver-bearing cubic pyrite

B

- bacilar** *adj* fibrous | bacillary
- bacteria** *nf* bacteria | *b. tigmotáctica* thigmotactic bacteria
- bacular** *adj* rod-shaped
- báculo** *nm* staff | [Méx] transit rod, range pole | *b. de Jacob* Jacob's staff
- badana** *nf* bag made from cured sheepskin used to transport mercury
- badén** *nm* gully
- bagazo** *nm* drilling mud
- bahía** *nf* bay
- baja** *nf* fall, drop | *b. ley* low grade
- bajada** *nf* descent | *bahada* (merging of several alluvial fans) | slope | drop | ebb | downgrade | ladderway
- bajamar** *nm* low tide | ebb
- bajante** *nm* low water, low tide
- bajar** *vintr* to descend, sink | to lower | to drop or fall in price | to ebb | *vtr* to reduce in price | to lessen
- bajial** *nm* low ground subject to flooding
- bajío** *nm* bank, shoal | sandbar | lowland
- bajo,-ja** *adj* low | *bajo de ley* of low grade
- bajo** *nm* footwall | shoal or sandbank
- bajociano,-na** *adj* Bajocian
- bajocense** *adj* Bajocian
- bajociense** *adj* Bajocian
- balaje** *nm* balas ruby (a rose-red *var* of spinel)
- balanza** *nf* balance | blind shaft | *b. de Jolly* Jolly balance | *b. de torsión* torsion balance
- balate** *nm* boundary marker, survey marker | border of a trench | terrace
- balde** *nm* bucket | *b. de arrastre* dragline bucket | *b. de extracción* mine bucket | *b. de pozo* shaft bucket
- balicero** *nm* [Méx] rodman
- balsamo** *nm* balsam | *b. de Canada* Canadian balsam
- banca** *nf* bench
- bancada** *nf* stope | bench
- bancal** *nm* berm, bench, terrace
- banco** *nm* thick bed or stratum | bank or bar of a river, etc. | bench (in a quarry or mine) | [Méx] horse (barren rock within or that deflects a vein) | *b. barrera* barrier beach | *b. de arena* sandbank, sand bar | *b. de avíos* bank which advances funds for the working of mines | *b. de coral* coral reef | *b. de cota fija* bench mark | *b. de grava* gravel bank | *b. de hielo* ice floe | *b. de nivel* bench mark | *b. de piedra* thick bed of stone | *b. de rescates* bank where silver bullion could be exchanged by miners for coin | *b. de río* river bank | *B. Minero* bank, usually state owned, set up to provide credit to small and medium-size mining enterprises | *b. platero* [Sinaloa, Méx] argentiferous pyrite
- bandaleta** *nf* | *en b.* loop
- bandeado,-da** *adj* banded | *b. groseramente* crudly banded
- bandeamiento** *nm* banding
- banquear** *vtr* to level, bench | [Col, Vz] to excavate
- banqueo** *nm* leveling, benching | bench | [Col, Vz] excavation | *b. de préstamo* [Vz] borrow pit
- banqueta** *nf* small bed or bench
- banquisa** *nf* pack-ice
- bañado** *nm* swamp, marsh
- bara** *nf* bar (unit of pressure)
- barcana** *nf* barchan dune
- barequear** *vtr* [Col] to extract as much of the paydirt in a placer as possible without disturbing the overburden
- baratina** *nf* barite
- barchan** *nm* barchan dune
- bario** *nm* barium
- barisfera** *nf* barysphere
- baritina** *nf* barite
- barján** *nm* barchan dune
- barlovento,-ta** *adj* windward
- barniz** *nf* varnish | *b. del desierto* desert varnish
- barquina** *nf* a type of large furnace
- barra** *nf* bar, ingot | sandbank, bar | crowbar | *b. aviada* limited liability share | *b. aviadora* share paying assessments | *b. de arena* sand bar | *b. de caliza granular oolítica* oolitic grainstone bar | *b. de mina* hand drill | *b. de plata* [Méx] silver ingot of 75 pounds | *b. de río* shoal, bar | *b. prelitoral* longshore bar | *b. viuda* limited liability share
- barranca** *nf* steep, jagged canyon, wash | cliff, bluff | gorge, ravine | slope (hill or mountain) | downgrade | [Arg] riverbank | *b. abajo* downhill | *b. de falla* fault scarp | *b. de falla con erosión* faultline scarp
- barranco** *nm* gorge | fissure | precipice, cliff | landslide scar | [Vz] small round pits, about four feet in diameter, dug to work shallow ores
- barrancón** *nm* gorge, canyon
- barrancoso,-sa** *adj* broken, rough (terrain)
- barranquero** *nm* placer miner
- barranquilla** *nf* [Méx] gully

- barreal** *nm* clay pit
- barremiano,-na** *adj* Barremian
- barremense** *adj* Barremian
- barremiense** *adj* Barremian
- barrena** *nf* drill bit | crow bar | *b. asimétrica* side hill bit | *b. batidora* churn drill | *b. de arrastre* drag bit | *b. de cable* cable drill | *b. de canteador* stone cutter's drill | *b. de cateo* earth borer | *b. de cesto* basket bit | *b. de chorro* jet bit | *b. de muelas* reamer bit | *b. de perforación desviada* directional bit | *b. regulable* expansion bit | *b. tubular* core drill | *b. sacanúcleos* core drill | *b. sacatestigos* core drill
- barrenar** *vt* to drill
- barreno** *nm* shot | drill | drill hole | [Col] drilled well
- barrera** *nf* clay pit | barrier | *b. prelitoral* longshore bar
- barrero** *nm* clay deposit | clay pit
- barretero** *nm* miner employed at the working face cutting ores with a *barra* or crowbar
- barretón** *nm* heavy crowbar | [Col] miner's pick
- barrial** *nm* clay pit
- barril** *nm* barrel | [Fr Guiana] a weight of 100 kilograms
- barrilla** *nf* [Bol] grains of native copper disseminated in other copper ores | [Bol] copper or tin ore concentrates
- barro** *nm* clay, loam, mud, earth, silt | marl | [Col] overburden on gold placers | *b. de olleros* potter's clay | *b. glaciariaco* till | *b. refractario* [Cu] fire clay
- barroso,-sa** *adj* muddy, clayey, silty
- bartoniano,-na** *adj* Bartonian
- bartoniense** *adj* Bartonian
- basal** *adj* basal | basement
- basáltico,-ca** *adj* basaltic
- basalto** *nm* basalt
- basamento** *nm* basement
- base** *nm* base (of crude oil) | *b. de erosión* base level of erosion
- básico,-ca** *adj* basic | basal
- basitas** *nfpl* [Arg] basic rocks
- bastoniforme** *adj* rod-like
- batea** *nf* wooden gold pan, traditionally 20 inches in diameter and 25 inches deep | *b. cortadora* polished gold pan 16 inches in diameter and rather less than 2 inches deep | *b. lavadora* variety of gold pan 16 inches in diameter and 2 inches deep | *b. vetadora* gold pan 12 inches in diameter with ears or handles
- | *b. zambullidora* an oblong, elliptical gold pan 3 to 4 feet long and 14 to 18 inches wide
- bataque** *nm* [BC, Méx] deposits formed by spring waters
- batería de pisones** *nf* battery of stamps
- batial** *adj* bathyal
- batipelágico,-ca** *adj* bathypelagic
- batir** *vt* [Col] to work placers by force of water | *b. el monte* to explore for gold placers, etc.
- batisfera** *nf* bathysphere
- batisismo** *nm* bathyseism
- batolito** *nm* batholith
- batoniano,-na** *adj* Bathonian
- batonense** *adj* Bathonian
- batoniense** *adj* Bathonian
- bauleao** *nm* [Col] pyrite cubes
- bayociano,-na** *adj* Bajocian
- Bayociense** *nm* Bajocian
- benceno** *nm* benzene
- beneficiable** *adj* millable, suitable for beneficiation, workable
- beneficiador** *nm* miller | mill operator | person employed to supervise the *patio* process of amalgamation of silver ores
- beneficiar** *vt* to work or improve a mine | to derive a profit from working a mine | to win metals from ore or concentrate | to smelt, refine
- beneficio** *nm* working of a mine | profits derived from working a mine | reduction of ores and concentrates, smelting | productive ore | the richest part of a deposit | *b. de cazo* [Méx] the hot amalgamation process of reducing silver ores | *b. de hierro* amalgamation with the addition of iron filings | *b. de metales* concentration of ores | *b. de patio* the cold, *patio* process of amalgamation of silver ores | *b. de toneles* the Freiberg or barrel process of amalgamating silver ores | *b. por cianuración* cyanide process of precious metal recovery | *b. por cloruración* chlorination process of metal recovery | *b. por fuego* recovery of metals by direct smelting of ore
- bencina** *nf* gasoline, benzene
- bentónico,-ca** *adj* benthic
- bentonítico,-ca** *adj* bentonitic
- bentos** *nm* benthos
- benzol** *nm* benzene
- berilio** *nm* beryllium
- berilo** *nm* beryl | *b. noble* transparent beryl | *b. verdemar* aquamarine
- berma** *nf* berm

- bermellón** *nm* cinnabar
berriasiano,-na *adj* Berriasian
berriasiense *adj* Berriasian
berroqueña *nf* granite
bertierita *nf* berthierite
betumen *nm* bitumen
betún *nm* bitumen, asphalt | *b. de Judea* asphalt
 | *b. marga* bituminous marl
biáxico,-ca *adj* biaxial
biboro *nm* botryolite
bicarbonato *nm* bicarbonate
bicloruro *nm* bichloride
bicharra *nf* [Pe] a type of small furnace
bidón *nm* jerry can
bifurcación *nf* bifurcation, branching, forking |
 branch of a vein that follows along strike
bifurcamiento *nm* branching of a vein
bifurcarse *vpr* to branch, as for a vein
bimbalete *nm* [Pe] a crude ore mill consisting of
 a large boulder rocked by a transverse bar
binario *nm* binary | *b. dígito* bit
binche *nm* [Arg] cubic crystals of pyrite found in
 gold-bearing conglomerates
binomio,-mia *adj* binomial
bioestratigrafía *nf* biostratigraphy
bioestratigráfico,-ca *adj* biostratigraphic
bioherma *nf* bioherm
biolita *nf* biolith
biolitita *nf* boundstone
biolito *nm* organic sediment
bióxido *nm* dioxide | *b. carbónico* carbon dioxide
birrefringencia *nf* birefringence
birrefringente *adj* birefringent
bisilicato *nm* bisilicate
bismalito *nm* bysmalith
bismutina *nf* bismuthenite
bismutinita *nf* bismuthenite
bismuto *nm* bismuth | *b. blenda* eulytite | *b.*
 nativo native bismuth | *b. ocre* oxide or
 carbonate of bismuth
bisulfato *nm* bisulfate
bisulfuro *nm* bisulfide
bitounita *nf* bytownite
bitumenización *nf* bituminization
bitumífero,-ra *adj* bituminous
bituminoso,-sa *adj* bituminous
bivalencia *nf* bivalence
bivalente *adj* bivalent
blanco,-ca *adj* white
blandura *adj* softness | *nf* soft, crumbly earth
blanquizal *nm* pipe clay
blastogranítico,-ca *adj* blastogranitic
blastoideo,-dea *adj* blastoid
blastoporfirítico,-ca *adj* blastoporphyritic
blenda *nf* blende | sphalerite | *b. acaramelada*
 yellow sphalerite | *b. amarilla* yellow sphalerite
 | *b. arsenical* orpiment | *b. cadmífera* greenockite
 | *b. córnea* [Méx] hornblende | *b. de plata*
 pyrargyrite | *b. de zinc* sphalerite | *b. parda*
 brown sphalerite | *b. roja* red sphalerite | *b.*
 rubí red sphalerite | *b. testácea* fibrous
 sphalerite
blonco bueno *nm* [Guanajuato, Méx] a third
 class of rich ore from the *veta madre* of about
 400 ounce silver to the ton
bloque *nm* block | *b. errático* glacial erratic | *b.*
 de fallas fault block
bloque-diagrama *nm* block diagram
bloquear *vtr* to block out (ore)
bloqui *nm* ingot
bobo,-ba *adj* [Ch] sterile, barren (of ore)
boca *nf* the first opening made on a vein or lode
 | mouth or collar of a shaft, well or adit |
 mouth of a river | gap, pass, saddle | *b. de*
 glaciar glacial outlet | ice cave | *b. de pozo*
 wellhead | *b. mina* portal, mouth of an adit
bocal *nm* mouth, entrance | gap, straight,
 narrow | pit head (coal mine)
bocamejora *nf* auxilliary shaft
bocamina *nf* portal, entrance to an adit or tunnel
bocana *nf* [Col] river mouth
bocarrena *nf* geode
bocarte *nm* stamp mill | crusher | drag mill
bocartear *vtr* to crush ore in a stamp mill
bocarteo *nm* crushing of ore in a stamp mill
bodega *nf* chamber deposit
bodoque *nm* argentite | [Batopilas, Méx] silver
 chloride
bofía *nf* gypsum pipe
bofón *nm* plug
bogue *nm* [Sp] boghead coal
bol arménico *nm* bole (type of red mud)
boleo *nm* nodule of ore found in a vein |
 concretions of ore found in sedimentary ore
 deposits | [Méx] waste dump
bolichar *vtr* to reduce ore in a *boliche*
boliche *nm* bowl concentrator used in the *patio*
 process of amalgamating silver ores
bólido *nm* meteorite
bolo *nm* [Col] a red ocher found in placers
bolón *nm* cobble, boulder
bolone *nm* [Ch] rounded fragment of copper ore

- bolsa** *nf* richest part of a mine | rich pocket of ore | small irregular deposit | vug lined with druse
- bolsada** *nf* rich pocket of ore | druse | irregular deposit | pocket, cavity
- bolsilla** *nf* small bunch of ore
- bolsón** *nm* bolson, internal basin | large pocket of ore
- bolsonada** *nf* bunch of ore
- bolsonero,-ra** *adj* [Bol] in rich ore, in pockets of ore
- bollandiano,-na** *adj* Bollandian
- bollandiense** *adj* Bollandian
- bollo** *nm* [Pe] pocket of ore
- bomba** *nf* bomb (experimental) | pump | *b. calorimétrica* calorimetric bomb | *b. volcánica* volcanic bomb
- bonanza** *nf* large deposit of rich ore | ore shoot | *en b.* yielding a profit, in good ore
- bono** *nm* bonus | *b. de caja* cash bonus
- bononiano,-na** *adj* Bononian
- bononiense** *adj* Bononian
- boratera** *nf* [Arg, Bol, Ch] borax deposit
- borato** *nm* borate | [Ch] ulexite | *b. calcinado* calcined ulexite
- borde** *nm* river bank | fringe, edge | *b. continental* continental borderland
- bordo** *nm* edge | ore remaining in a mine
- bórico,-ca** *adj* boric, boracic
- boro** *nm* boron
- borra** *nm* [Méx] matrix, gangue | barren rock | refined borax | *b. de veta* soft, altered rock | *en b.* in unproductive ground
- borrasca** *nf* an unproductive or unprofitable mine | barren rock | *b. de la capa* touncing of a bed into adjacent beds | *dar or caer en b.* to become unproductive or unprofitable
- boruro** *nm* boride
- bota** *nf* leather bag used to carry ore out of a mine
- botadero** *nm* dump
- botamiento** *nm* fault | dislocation
- botar** *vtr* to dump
- botella** *nf* flask | *b. de ácido* acid bottle | *b. de azogue* flask of mercury
- botija** *nf* [Bol] rawhide bucket of about 7 gallons capacity
- botroide** *adj* botryoidal
- bóveda** *nf* cave or cavern | dome, cupola | chamber deposit | *b. de sal* salt dome
- bovedón** *nm* [Pe] chamber
- boya** *nm* [Cerro de Pasco, Pe] rich vein or pocket of ore | *b. del cobre* copper production boom in 1887 in Perú due to high world market prices for copper
- bradfordiano,-na** *adj* Bradfordian
- bradfordiense** *adj* Bradfordian
- bradisismo** *nm* bradyseism
- braguetilla** *nf* [Pe] crude smelting furnace, often no more than a roasting pit
- braquianticlinal** *nm* brachyantycline
- braquiópodo** *nm* brachiopod
- braquisinclinal** *nm* brachysyncline
- brasa** *nf* [Almadén, Sp] reduction of mercury ore by roasting and distillation
- braunespato** *nm* brown spar (any carbonate colored brown by iron)
- brazo** *nf* fathom (a unit of length)
- brazada** *nf* [Col, Vz] fathom (a unit of length) | *b. de piedra* [Méx] a cubic measure used in selling building stone
- brazaje** *nm* water depth
- brazo** *nm* arm | branch of a stream | *b. pantanoso* bayou
- brea** *nf* pitch or tar | asphalt | *b. de alquitrán* coal tar | *b. de carbón* coal tar | *b. de hulla* coal tar | *b. de tierra* earth pitch | *b. mineral* heavy oil, maltha, asphalt
- brecha** *nf* breccia | opening, break, crevasse | [Col] prospecting trench | *b. conchífera* shell hash | *b. de dislocación* crush breccia | *b. de fallas* fault breccia | *b. de fricción* fault breccia | *b. de huesos* bone breccia | *b. de trituración* fault breccia | *b. de talud* talus breccia | *b. filoniana* vein breccia | *b. milonita* mylonitic breccia | *b. osífera* bone breccia | *b. poligénica* polygenetic breccia | *b. tectónica* tectonic breccia | *b. volcánica* volcanic breccia
- brechación** *nf* brecciation
- brechiforme** *adj* brecciated
- brechoide** *adj* brecciated
- brechoso,-sa** *adj* brecciated
- brigada** *nf* party, gang, crew | *b. de campo* field party | *b. del tránsito* transit party | *b. topográfica* survey party
- brillantez** *nf* brilliance (gems)
- brillo** *nm* luster | *b. anacarado* pearly luster | *b. ceroso* waxy luster | *b. de antimonio* antimonite | *b. de antimonio argentífero* miargyrite | *b. de betún* pitchy luster | *b. de bismuto* bismuthenite | *b. de cobalto* cobaltite | *b. de cobre* chalcocite | *b. de hierro* red hemetite | *b. de plata* argentite | *b. diamantino* adamantine luster | *b. grasiento*

- greasy luster | *b. graso* greasy luster | *b. grasoso* [Bol] greasy luster | *b. mantecoso* greasy luster | *b. mate* dull luster | *b. metálico* metallic luster | *b. nacarado* pearly luster | *b. resinoso* resinous luster | *b. sedoso* silky luster | *b. terroso* earthy luster | *b. vítreo* glassy luster
- briozoario** *nm* bryozoan
- brocado** *nm* [Pe] low-grade ore
- brocal** *nm* collar (of a shaft) | entrance (to an adit)
- brocantita** *nf* brochantite
- broceo** *nm* [Ch] barrenness or sterility of an ore deposit | *en broceo* in barren ground
- bromargira** *nf* bromargyrite
- bromargirita** *nf* bromargyrite
- bromo** *nm* bromine
- bromuro** *nm* bromide
- bronce** *nm* bronze | pyrite | any mineral of a bronze color | [Pe] iron and copper sulfide ores | *b. bruno* [Zacatecas, Méx] silver-bearing pyrite | *b. amarillo* pyrite or chalcopyrite | *b. añilado* covellite | *b. apretado* pyrite | *b. blanco* pyrite | [Potosí, Bol] arsenopyrite | *b. bueno* [Guanajuato, Méx] silver-bearing pyrite | *b. chino* pyrite or chalcopyrite | *b. de cobre* chalcopyrite | *b. dorado* chalcopyrite | *b. malo* [Guanajuato, Méx] pyrite barren of silver | *b. morado* bornite | *b. nochistle* chalcopyrite | *b. plateado* [Ch] copper sulfide ore | *b. platero* silver-bearing pyrite
- broncita** *nf* bronzite
- bronco** *nm* greenhorn, bronco (new, unproven oil field employee) | [Méx] loose, rock ready to fall
- bronzado,-da** *adj* [Pe] containing copper and iron sulfide ore or *bronces*
- bronzudo** *nm* [Méx] pyritic ore
- broquita** *nf* brookite
- brosa** *nf* [Bol] low-grade ore
- broseo** *nm* [Bol] weathering and decomposition of ores
- brosirí** *nm* worker, usually *minga* used to break up ore
- brotadero** *nm* seep, spring, source
- brotar** *vtr* to outcrop | to seep, emerge (groundwater)
- brotazón de veta** *nm* [Méx] apex of a vein
- brote** *nm* [Cu] outcrop | *b. de filtración* seepage outcrop
- broza** *nf* [Bol, Pe] barren part of a vein | low grade ore | [Bol] coarse-grained minerals | [Ch] mine waste
- buitrón** *nm* section of the *patio* of an *ingenio* where each *cuerpo* of ore was treated by the *patio* process of amalgamation of silver ores (a *patio* was generally divided into several *buitrones*)
- brújula** *nf* compass | *b. de geólogo* geologists's compass | *b. minera* mine compass
- bruno,-na** *adj* dark brown
- bruto,-ta** *adj* coarse, rough | crude
- buche** *nm* [Col] pocket of ore
- bucle** *nm* shield
- bufo** *nf* [Mazipal, Méx] beds of brown iron ore and malachite
- buncenita** *nf* bunsenite
- burdigaliano,-na** *adj* Burdigalian
- burdigaliense** *adj* Burdigalian
- burga** *nf* hot spring
- buro** *nm* chalk | marl
- burrear** *vtr* [Sp] to carry ore on one's shoulders
- busca** *nf* search, exploration | [Méx] ore taken out by prospectors
- buscador** *nm* prospector
- buscar** *vtr* to prospect or explore
- buscón** *nm* prospector
- busconero** *nm* prospector
- búsqueda** *nf* search | *b. de información* scouting a well
- butano** *nm* butane
- buzamiento** *nm* dip, inclination | pitch | angle of dip | [Ch] plunge (in Chile *manteo* is used for dip) | *b. aparente* apparent dip | *b. arriba* updip | *b. axil* plunge | *b. del eje* plunge | *b. en cupula* quaquaversal dip
- buzante** *adj* plunging
- buzar** *vtr* to dip

C

- cabalgar** *vtr* to overlap | to thrust, overthrust
cabalgador *nm* nappe
cabalgamiento *nm* thrust, overthrust | *c.* horizontal apparent heave | *c. inclinado* apparent slip | *c. vertical* apparent throw
caballería *nf* a measure of land area
caballete *nm* [Méx] horse (waste rock within or between veins)
caballero *nm* spoil bank
caballo *nm* horse (waste rock within or between veins) | *c. de piedra* [Amolanas, Ch] basic, barren intrusions into quartz porphyry | *c. de peña* [Col] horse | *c. de tepetate* horse
cabecera *nf* headwaters of a river | summit of a hill or ridge | [Bol] a working in the upper part of a mine | *de c.* across a vein
cabeza *nf* [Méx] outcrop | [Col] upper part of a placer working | *c. de ingenio* stamp (in a mill) | *c. de mina* mine entrance | *c. de moro* a var of tourmaline
cabezo *nm* reef, submerged rock
cabezón *nm* rapids | boulder | eddy, whirlpool | [Col] point at which a current of water loses velocity such that material in suspension is deposited
cabezuela *nf* [San Dimas, Méx] concentrates rich in gold and silver
cablevía *nf* cableway, aerial tramway
cabo *nm* cape
cabuchón *nm* rough, unpolished ruby
cabujón *nm* rough, unpolished ruby
cachalonga *nf* variety of opal
cachí *nm* [Bol] barite | [Potosí, Bol] siderite | [Pe] salt | [Chañarcillo, Ch] calcite
cachimba *nf* [Arg] shallow well, spring | [Méx] miner's lamp
cacholongo *nm* a var of opal
cachuela *nf* rapids
cadena *nf* chain | *c. de Markov* Markov chain | *c. de montañas* mountain chain | *c. montañosa* mountain chain
cadena *nf* [surv] length of one chain
cadenear *vtr* [surv] to chain
cadeneo *nm* [surv] chaining
cadenero *nm* chainman | *c. delantero* head chainman | *c. trasero* rear chainman | *c. zaguero* [Arg] rear chainman
cadmio *nm* cadmium
caducación *nf* expiration of rights to a mining claim or lease
caducar *vtr* to forfeit rights to mining claims or leases (generally by expiration)
caducidad *nf* act of forfeiture to a mining claim or lease | expiration, lapse
caduco,-ca *adj* expired, invalid
caenozoico,-ca *adj* Cenozoic
cagafierro *nm* slag, scoria
caguacha *nf* residues of amalgam and mercury washed out of a mill
caguachiri *nm* worker employed to collect *caguachas*
caída *nf* fall, drop | [hyd] head | dip | slip, fall (of rock) | *c. de agua* waterfall
caídos *nmp* fallen or caved ground | fallen material
caíman *nm* [Méx] ore chute
cainozoico,-ca *adj* Cenozoic
caja *nf* wall rock to a vein or deposit | thickness of a vein | [Ch] river bed | *c. de esclusa* sluice box | *c. de extracción* mine cage
cajalarga *nf* [Bol] rock easily drilled
cajón *nm* canyon, gorge, gully | narrow or box canyon | a measure of quantity of ore, generally weighing fifty *quintales* | [Col] clay at contact between coal and country rock
cajonero *nm* worker who handles skips | [Méx] mouth of a shaft
cal *nf* lime | *c. de estaño* cassiterite
cala *nf* creek, cove, bight | test boring | exploration well | *c. de prueba* test boring
calabrés,-esa *adj* Calabrian
calabriano,-na *adj* Calabrian
calabriense *adj* Calabrian
calamaco *nm* [Méx] large piece of rock difficult to break up
calamina *nf* calamine, smithsonite | [Pe] hydrozincite | [Pe] aurichalcite
calamita *nf* magnetite, lodestone | siderite | compass needle | turquoise
calar *adj* calcareous, lime | *nm* limestone quarry
calar *vtr* to pierce, penetrate, perforate
calca *nf* copy | *c. heliográfico* blueprint
calcado *nm* tracing
calcantita *nf* chalcantite
calcar *vtr* to trace, copy
calcáreo,-rea *adj* calcareous, limey | *nm* limestone
calcedonia *nf* chalcedony
cálcico,-ca *adj* calcic, calcium
calciesponja *nf* calcisponge

calcífero,-ra *adj* calciferous
calcificación *nf* calcification
calcificar *vtr* to calcify
calciforme *adj* cup-shaped
calcilodita *nf* mudstone (Dunham classification)
calcimétero *nm* calcimeter
calcinación *nf* calcination
calcinador *nm* calciner, roaster
calcinar *vtr* to calcine, roast | *vpr* to calcine
calcio *nm* calcium | *c. clorurado* calcium chloride
calcioborita *nf* dreelite
calco *nm* a tracing | cast | *c. de carga* load cast |
c. de deslizamiento slide cast | *c. de flujo* flow cast
| *c. de roce* bounce cast | *c. espigado* chevron
mark
calcocita *nf* chalcocite
calcófilo *nm* calcophile
calcografía *nf* chalcography
calcógrafo *nm* chalcographer
calcopirita *nf* chalcopyrite
calcosfera *nf* chalcosphere
calcosina *nf* chalcocite
calcosita *nf* chalcocite
calcotriquita *nf* chalcotrichite
caldera *nf* caldera | crater of a volcano | winze
| sump | *c. vaporizadora de mercurio* mercury
boiler
calderilla *nf* winze
caldero *nm* cauldron | *hundamiento en c.*
cauldron subsidence
caledoniano,-na *adj* Caledonian
calefacción *nf* heat, heating
calefaccionar *vtr* to heat
calentado,-da *adj* hot | *c. al blanco* white hot | *c.*
al rojo red hot
calentador *nm* [Río Tinto, Sp] a reverboratory
furnace used to calcine ore
calero,-ra *adj* calcareous, limestone | *nm* lime
burner | operator of a lime pit | *nf* lime pit or
deposit | limestone quarry | lime kiln
calesa *nf* [Méx] ore bucket
caleta *nf* creek, cove, inlet
caleza *nf* [Méx] ore bucket
calibita *nf* chalybite, siderite
caliborita *nf* kaliborite
calibración *nf* calibration | caliper logging
calibrar *vtr* to calibrate | to guage, measure
calibre *nm* caliper | *c. micrométrico* microcaliper
calicanto *nm* [Chuquibamba, Pe] auriferous
conglomerate
calicata *nf* [Arg] test pit | bore, drill hole

calichal *nm* [Bol] kaolin | [Méx] second class
silver ore of 150 to 1000 ounces per ton silver
caliche *nm* caliche | salpeter | [Pe, Ch] impure
sodium nitrate | [Arg] cement to borate
nodules found in swamps | [Uco, Pe] clayey
soil above gold veins | [Ch] altered clay
selvages to veins | [Durango, Méx] white,
decomposed clay | [Méx] feldspar |
[Guanajuato, Méx] travertine | [Col] recently
discovered mineralized vein | [Col]
decomposed calcareous quartz | *c. negro* [Cerro
de Pasco, Pe] copper sulfides and
sulfoarsenides
calichera *nf* [Ch, Pe] deposit of caliche
calichero,-ra *adj* relating to caliche
calichoso,-sa *adj* calcareous | feldspathic
cálido,-da *adj* hot, warm
caliente *adj* warm, hot | [Méx] oxidized silver
ore
cáliz *nm* calyx | *de c.* calycal
caliza *nf* limestone | *c. carbonífera* carboniferous
limestone | *c. cavernosa* cavern limestone | *c.*
conchífera fossiliferous limestone | *c. coralina*
coral limestone | *c. cristalna* crystalline
carbonate (Dunham classification) | marble | *c.*
de agua dulce freshwater limestone | *c. de arrecife*
reef limestone | *c. feldespática* arkosic limestone
| *c. fétida* stinkstone | *c. granular* grainstone
(Dunham classification) | *c. hidráulica* limestone
that yields hydraulic lime in calcination | *c.*
lodogranular packstone (Dunham classification)
| *c. lodosa* wackestone (Dunham classification)
| *c. magnesiana* dolostone | *c. oolítica* oolitic
limestone | *c. porosa* porous limestone
calizo,-za *adj* calcareous, lime
calocar *nm* white clay
calomelano *nm* calomel
calón *nm* [Huelva, Sp] iron oxide-bearing
sandstone and limestone
calorescencia *nf* calorescence
calor *nm* heat | *c. blanco* white heat | *c. de*
hidraración heat of hydration | *c. específico*
specific heat | *c. latente de fusión* latent heat of
fusion | *c. propio* geothermal temperature | *c.*
rojo red heat
caloría *nf* calorie
calórico,-ca *adj* caloric
calorífero,-ra *adj* heat-producing, giving heat
calorífico,-ca *adj* calorific
calorimetría *nf* calorimetry
calorimétrico,-ca *adj* calorimetric, calorimetical
calorímetro *nm* heat probe, calorimeter

- caloviano,-na** *adj* Callovian
caloviense *adj* Callovian
caluma *nf* [Andes] pass, gap, gorge
calvo,-va *adj* barren, desert
callana *nf* [Pe] government refinery or mint
calloviano,-na *adj* Callovian
calloviense *adj* Callovian
cama *nf* layer, bed, stratum | *c. de roca* bedrock
camada *nf* bed, stratum, layer
cámara *nf* chamber, room | ore shoot, chamber deposit | *c. de minas* chamber of mines | *c. magmática* magma reservoir
cambio *nm* change, variation | *c. de facies* facies change | *c. de naturaleza* variation in sedimentary material | *c. de nombre* renaming | *c. de potencia* variation in thickness
cambriano,-na *adj* Cambrian
cámbrico,-ca *adj* Cambrian
caminamiento *nm* [Ec] traversing
camino *nm* [Bol] gallery, drift
camión *nf* truck | *c. de disparo* shooting truck | *c. de registro* recording truck | *c. de taladro* drilling truck
campamento *nm* camp, campground | *c. minero* mining camp
campana *nf* level country
campaniano,-na *adj* Campanian
campaniense *adj* Campanian
campanil *nm* [Bilbao, Sp] hematite | [Sierra Nevada, Sp] siderite
campilita *nf* campylite
campista *nf* tributor, lessor
campamiento minero *nm* mining camp
campo *nm* field | mining camp | *c. aurífero* gold field | *c. coercitivo* coercive field | *c. de cumbres* | *c. de kames* kame field | *c. de nieves* firn field | *c. de un microscopio* field of view (microscope) | *c. del petróleo* oil field | *c. gasífero* gas field | *c. magnético* magnetic field | *c. minero* mining camp | *c. petrolero* oil field | *c. productor* producing field | *c. raso* flat, open country
canal *nm* channel | flume, race, ground sluice | *c. de erupción* chimney, pipe
canalado,-da *adj* grooved, fluted, corrugated
canalización *nf* channelization
canalón *nm* ground sluice
cancagua *nf* [Ch] a stiff, sandy soil
cancha *nf* ore bin | [Pe, Ch] mine dump | place near the entrance of a mine where ore was sorted by hand
anchal *nm* rocky or stony place | [Méx] moraine
canchamina *nf* [Ch] work area around a shaft or adit
canchaminero *nm* [Ch] surface worker in a mine
cancho *nm* large rock, boulder
candencia *nf* incadescence
candente *adj* incadescent, red-hot
candil de minero *nm* miner's lamp
canel *nm* [Sp] cannel coal
caney *nm* small bay | [Col] river bend
canga *nf* any red lateritic soil | iron-bearing laterite | [Arg, Bol] iron-bearing soil
cangagua *nf* [Col] clay suitable for adobe bricks
cangahua *nf* [Ec] hardpan
cangalla *nf* tailings | [Ch] stolen ore
cangalli *nm* [Tipuani, Bol] false bedrock of ferruginous quartz arenite that overlies gold-bearing sand
cangilón *nm* bucket | [Ec] mud hole | [PR] small waterfall | *c. de arrastre* dragline bucket
cangrejero *nm* [Col] pockets of gold occurring in smaller veins or *venillas*
canguilón *nm* [Ch] bucket
canón *nm* royalty, tax | rate | *c. bruto* gross royalty | *c. de adición* overriding royalty | *c. de cierre* shut-in royalty | *c. de compensación* compensation royalty | *c. del propietario* fee royalty | *c. de participación* royalty interest | *c. exento de cargos* non-participating royalty | *c. fijo* fixed royalty | *c. no vencido* unaccrued royalty | *c. sin gastos* free ride
cantal *nm* stone or pebble | spall | stony ground
cántara *nf* a liquid measure equivalent to 13.16 liters | [Durango, Méx] white, decomposed clay
cántaro *nm* [Guadalcazar, Pe] retort for reducing mercury ores
cantear *vtr* to cut stone
cantera *nf* quarry | quarry stone, hewn stone, ashlar, freestone | [Vz] small veinlets of quartz detached from veins | *c. de arena* sand pit | *c. de grava* gravel pit | *c. de préstamo* borrow pit
cantería *nf* quarry | quarrying, hewing of stone | freestone, ashlar, hewn stone | [Méx] tuff
cantero *nm* stonemason | sum
cantidad *nf* quantity, amount | *c. de rotación* amount or degree of rotation
cantil *nm* cliff | shelf | cliff edge
cantillo *nm* small stone, pebble
cantizal *nm* stony ground
canto *nm* edge or border | thickness | stone or pebble | boulder | fragment of flint | dressed stone | *c. errático* glacial erratic | *c. grande*

- cobble | *c. rodado* boulder, cobble, pebble | *c. sin labrar* rough ashlar | *de c.* edgewise, on edge
- cantorral** *nm* stony ground
- canturrón** *nm* [Col] manganese oxide
- caña** *nf* gallery | *c. de mina* gallery | *c. de volar* blasting hole
- cañada** *nf* valley, gorge, ravine | eroded river bank | the immediate drainage formed by a spring | [Arg] inlet, estuary | [Col, PR] stream
- cañadón** *nm* canyon, gorge
- caño** *nm* gallery (in a mine)
- cañón** *nm* canyon | drift, gallery | *c. submarino* submarine canyon
- cañutillo** *nm* [Col] fine emerald
- caolín** *nm* kaolin, china clay
- caolínico,-ca** *adj* kaolinic
- caolinita** *nf* kaolinite, kaolin
- caolinización** *nf* kaolinization
- capa** *nf* bed, layer, seam, stratum | stratabound deposit | *c. acuífera* aquifer | *c. barrera* blocking layer | *c. basal* bottomset bed | *c. cabalgante* nappe | *c. clave* key bed | *c. cobijante* nappe | *c. competente* competent bed | *c. de carbón* coal seam | *c. de filón* bedded vein | *c. de hielo* ice cap | *c. de velocidad* velocity bed | *c. dorsal* topset bed | *c. freática* aquifer | *c. frontal* foreset bed | *c. fuselar* fusellar layer | *c. gasífera* gas cap | *c. ondulítico* wave stratum | *c. osífera* bone bed | *c. reflectora* reflecting bed | *c. roja* red bed | *c. superior* topset bed | *c. vegetal* top soil | *en capas* layered, bedded
- capa-filón** *nm* bedded vein
- capacidad** *nf* capacity | *c. eléctrica* capacitance | *c. térmica* heat capacity
- capacho** *nm* bucket | [Pe, Ch] rawhide bag for carrying ore of 2 to 4 arrobas capacity | *c. de extracción* mine bucket
- caparazón** *nm* carapace | shell
- caparrosa** *nf* melanterite | copperas | vitriol | *c. amarillo* copiapite | *c. azul* blue vitriol | *c. blanda* goslarite
- capataz** *nm* foreman | *c. de turno* shift boss
- capilar** *adj* capillary
- capilaridad** *nf* capillarity
- capillo** *nm* cupel
- capita** *nf* band, small seam, thin layer
- capitán** *nm* foreman | *c. de la mita* Spaniard or Creole in charge of the *mita* | *c. de yanacón* person in charge of Indians permanently dwelling in a mining center, as opposed to *mitayos* who lived elsewhere | *c. enterador*
- Indian in charge of his community's *mitayos* during their service
- caporal** *nm* [Vz] foreman
- capote** *nm* [Col] topsoil
- cápsula** *nf* laboratory dish
- capotero,-ra** *adj* shallow
- captación** *nf* capture, piracy | *c. en abanico* arc shooting
- captura** *nf* capture | *c. de río* river capture or piracy
- capuchón** *nm* cap rock
- cara** *nf* face | facet of a crystal | wall of a fissure | panel of stone in a quarry | *c. de crucero* cleavage face
- cárabe** *nm* amber
- caraca** *nf* [Col] thin layer of hard clay between bedrock and paydirt in placers
- caracol** *adj* spiral
- carácter** *nm* character | extent
- característica** *nf* characteristic, feature
- caradociano,-na** *adj* Caradocian
- caracociense** *adj* Caradocian
- carámbano** *nm* icicle
- caramero** *nm* [Vz] flood debris
- carapacho** *nm* carapace
- carbano** *nm* carbene
- carbón** *nm* coal | carbon | charcoal | cinder | graphite | *c. aglomerante* coking coal | *c. aglutinante* coking coal | *c. algal* algal coal | *c. almendrillo* nut coal | *c. antracitoso* anthracite | *c. bituminoso* bituminous coal | *c. brillante* glance coal | *c. candeloides* cannel coal | *c. conglomerante* coking coal | *c. craso* coking coal | *c. de algas* boghead coal | *c. de ampelita* cannel coal | *c. de astilla* splint coal | *c. de bujía* cannel coal | *c. de cok* coking coal | *c. de gas* [Vz] gas carbon | *c. de gaz* cannel coal | *c. de llama corta* hard coal | *c. de llama larga* soft coal | *c. de piedra* coal | *c. de piedra pasada* coke | *c. de retorta* gas carbon | *c. de tierra* coal | *c. entrozado* [Méx] broken coal | *c. fósil* coal | *c. granado* nut coal | *c. graso* coking coal | *c. grueso* large coal | *c. lustroso* pitch coal | *c. magro* non-coking coal | *c. mate* cannel coal | *c. menudo* small coal | *c. mineral* coal | [Pe] peat | *c. no aglutinante* non-coking coal | *c. para calderas* steam coal | *c. pardo* lignite | *c. pezoso* pitch coal | *c. seco* non-coking coal | *c. semigraso* semibituminous coal | *c. tal como sale* run-of-mine coal | *c. vegetal* charcoal
- carbonáceo,-cea** *adj* carbonaceous
- carbonada** *nf* load of coal

- carbonado** *nm* black diamond, carbonado
carbonar *vtr* to turn into charcoal, carbonize
carbonato *nm* carbonate | [Sp] lead ore | *c. cálcico* calcium carbonate | *c. de hierro* siderite | *c. de sodio* soda | *c. de sodio anhídrico* soda ash | *c. magnésico* magnesite | *c. plomizo* cerussite
carboncillo *nm* small coal, fine coal, slack | coal dust
carbonear *vtr* to turn into charcoal, carbonize | to load coal
carboneo *nm* charcoal making
carbonera *nf* coal bin or bunker | coal mine
carbonería *nf* coal mine | coal shed or yard
carbonero,-ra *adj* coal | *nm* coal mine | coal merchant, coalman
carbónico,-ca *adj* carbonic
carbonífero,-ra *adj* carboniferous | coal-bearing
carbonilla *nf* coal dust, fine coal, pulverized coal | cinder
carbonización *nf* carbonization
carbonizar *vtr* to carbonize | to burn | *vpr* to carbonize
carbón *nm* carbon | *c. orgánico* organic carbon | *carbón* 14 carbon-14
carbonoso,-sa *adj* carbonaceous
carborundo *nm* corundum
carburo *nm* carbide
cárcamo *nm* drain (of a mine) | flume
cárcava *nf* gully, ditch
carcavón *nm* gorge
carcomar *vtr* to erode, undermine | *vpr* to be undermined
cardenilla *nf* [Batopilas, Méx] proustite
cardenillo *nm* verdigris
carear *vtr* to face (stone)
carga *nf* load | loading | [hyd] head | [met] heat, charge | mule-load of 8 to 14 *arrobas* | man load of about 2 *arrobas* | duty, tax, charge | [Bol] altered rock useful as a guide to ore [Col] pebbles and cobbles found in placers | [Sandia, Pe] overburden on placers | *c. de mula* load of about 8 to 14 *arrobas* | *c. del lecho* bed load | *c. disuelta* dissolved load | *c. mineral* ore | *c. suspendida* suspended load
cargado,-da *adj* loaded | heavy, dense
cargamento *nm* load, shipment | cargo
cargar *vtr* to load | to charge (a furnace) | *v intr* to load up
cargo *nm* burden, loading | load of stone of about one third of a cubic meter | [Granada, Sp] one cubic *vara*
carhua *nf* [Pe] pyrite
carí *adj* lead grey
cariado,-da *adj* rotten
carmesí *adj* crimson | *nm* crimson
carmín *adj* carmine, crimson | *nm* crimson | [Col] limonite
carmineo,-nea *adj* carmine, crimson
carnación *nf* flesh color
carne de vaca *nm* [Bol, Pe] coarse galena ore (considered to be relatively poor in silver) | [Hualgáyoc, Pe] red amorphous sphalerite, phosphorescent on fracture
carneola *nf* variety of chalcedony
carniense *nm* Karnian
carrancho *nm* [Col] altered granite carrying auriferous pyrite and free gold | shaley host rock in which gold veins are unproductive
carranchoso,-sa *adj* [Col] rough, scaly, harsh
carrascal *nm* [Méx] honeycombed quartz, usually barren
carrera *nf* run | *c. de la marea* tidal range
carretada *nf* cart or wagon load of 120 *arrobas*
carretal *nm* [Sp] roughly dressed ashlar or rubble-stone
carro *nm* car | *c. calichero* [Ch] nitrate car | *c. carbonero* coal car | *c. de extracción* mine car | *c. salitrero* [Ch] nitrate car
carst *nm* karst
carstenita *nf* karstenite, anhydrite
cárstico,-ca *adj* karstic
carstificación *nf* karstification
carta *nf* map | chart | *c. planialtimétrica* [Arg] topographic map
cartografía *nf* cartography | *c. aérea* aerial photosurveying
cartografiar *vtr* to survey, make maps
cartográfico,-ca *adj* cartographic
cartógrafo *nm* cartographer
cartoteca *nf* [Vz] map file
casa *nf* house | *c. de afinación* assay office (an institution of the Royal Spanish Treasury | *c. del apartado* parting establishment
casar metales *vtr* [Pe] to mix ores for amalgamation or smelting
casarón *nm* large stope
cascada *nf* waterfall, cascade | [Col] rapids | *c. de diaclasa* joint-plane waterfall | *c. de glaciar* glacierfall
casajal or **casajajar** *nm* gravel deposit | gravel pit
casajear *vtr* to extract gravel from a gravel pit | [Col] to clean out cobbles from a sluice

- casajero** *nm* gravel bed | worked-out mine | [Col] a previously worked placer that still contains gold
- casajo** *nm* gravel deposit | quarry waste | fine gravel | [Arg] cobbles | [Ch] coarse, gold-bearing gravels | [Fr Guiana] deeply weathered rock | [Méx] waste rock | *c. blando* [Calamachi, Méx] talcose schist bedrock to placers | *c. duro* [Calamachi, Méx] slate which forms potholes in bedrock to placers | [Durango, Méx] iron-bearing quartz | [Pe] pockets of silver ore of large size | [El Caratal, Vz] decomposed schist forming bedrock to placers | altered diorite in the vicinity of veins
- casajoso,-sa** *adj* gravelly
- casco** *nm* hard hat
- cascode** *nm* rubble stone | waste | muck | [Arnao, Sp] screened coal 250 to 600 mm in size
- cárstico,-ca** *adj* karst
- casimba** *nf* well | spring | [Cu] sinkhole
- casiterita** *nf* cassiterite
- casquete** *nm* cap | *c. de gas* gas cap
- casquiño** *nm* gravel | gravel bar
- castaña** *nf* abandoned mine
- castaño,-ña** *adj* chestnut brown | *nm* chestnut brown
- castellano** *nm* an old Spanish coin | one-fiftieth part of a *marco* | [Méx] furnace used for lead smelting
- castigar** *vtr* [Méx] to dress or smooth stone
- castillete** *nm* headframe
- castillo** *nm* headframe
- castina** *nf* limestone flux
- castor** *nm* petalite
- cata** *nf* mine under litigation | mine of shallow depth | placer mine | prospecting pit, test pit | testing, boring, exploration | [Méx] subsidence
- cataclástico,-ca** *adj* cataclastic
- catacorte** *nm* [Col] prospecting pit or trench
- catadora** *nf* earth auger
- catálisis** *nf* catalysis
- catlítico,-ca** *adj* catalytic
- catalizador,-dora** *adj* catalytic | *nm* catalyst
- catalizar** *vtr* to catalyze
- cataclasis** *nf* cataclastic process
- cataclismo** *nm* cataclysm
- catar** *vtr* to explore, prospect, sample
- catarata** *nf* cataract, waterfall
- cataroca** *nf* [Arg] cataclastic rock
- catastral** *adj* cadastral
- castro** *nm* official land register, cadastre | inventory or census of mining properties
- catastrófico,-ca** *adj* catastrophic
- catastrofismo** *nm* catastrophism
- catazona** *nf* katazone
- cateado,-da** *adj* prospected, explored
- cateador** *nm* prospector | sampler | prospector's pick
- catear** *vtr* to look for, search for | to prospect or explore a mine, deposit or property | to sample
- cateo** *nm* prospecting, exploration | sampling
- cátodo** *nm* cathode
- cauce** *nm* river channel, river bed | ditch, trench | way, channel, course | *c. inferior* lower course (of a river) | *c. superior* upper course (of a river)
- caudal** *nm* fortune, wealth | rate, discharge, volume of flow | *c. afluyente* runoff, inflow | *c. de avenida* flood flow | *c. de un río* discharge of a river | *c. sólido* bed load
- caudaloso,-sa** *adj* in full flood
- cava** *nf* digging, ditch | pit, excavation | rill | [Reocín, Sp] cuts made in working calamine quarries
- cavadizo,-za** *adj* easily excavated
- cavador** *nm* digger, excavator
- cavadura** *nf* digging
- cavar** *vtr* to dig, excavate | to dig or sink a well | *vintr* to dig
- cavazón** *nm* [Sp] digging, excavation
- caverna** *nf* cavern, cave, hollow
- cavernario,-ria** *adj* cave, cavern
- cavernoso,-sa** *adj* cavernous, porous
- cavidad** *nf* cavity, vug | *c. de un filón* vug or pocket in a vein
- cavitación** *nf* cavitation
- cayo** *nm* cay, small island | shoal
- caz** *nf* flume, canal, race
- cazo** *nm* vessel used for heating ore in the hot amalgamation process for silver ores
- cebar** *vtr* [Méx] to smelt ore
- cebo** *nm* [Méx] smelter charge | [Col] late calcite precipitated by groundwaters infiltrating veins
- ceca** *nf* royal mint
- cedazo** *nm* small hand sieve used in assaying
- celemín** *nm* dry measure equivalent to two *maquillas* and one-twelfth of a *fanega*
- celestina** *nf* celestite
- célula** *nf* cell | cellule
- celular** *adj* cellular
- cementación** *nf* cementation | setting of casing | *c. de fondo* plug back
- cementado,-da** *adj* cemented
- cementar** *vtr* to cement

- cemento** *nm* cement | *c. artificial* [Sp] Portland cement | *c. puzolánico* pozzulan cement
- cementoso,-sa** *adj* cement-like
- cenagal** *nm* swamp
- cenagoso,-sa** *adj* swampy
- cedra** *nf* paste of bone ash used to make cupels
- cedradilla** *nf* [Méx] small reverberatory refining furnace
- ceniciento,-ta** *adj* ashen, ashy color
- cenicilla** *nf* [Méx] black earthy residue obtained in reducing mercury ores in a gallery furnace
- ceniza** *nf* ash | *c. de plomo* litharge | *c. de soda* soda ash | *c. volcánica* cinder
- cenizo,-za** *adj* ash colored
- cenizo-negro** *nm* [Chañarcillo, Ch] transitional ore zone containing both silver chlorides and proustite-pyargyrite
- cenomaniano,-na** *adj* Cenomanian
- cenomanense** *adj* Cenomanian
- cenote** *nm* [Yucatan, Méx] sinkhole
- cenozoico,-ca** *adj* Cenozoic
- cental** *nm* a measure of weight
- centellador** *nm* scintillator, scintillometer
- centellómetro** *nm* scintillator, scintillometer
- centenaja** *nf* [Col] pothole (in a river)
- centiárea** *nm* square meter, centare
- centígrado,-da** *adj* centigrade
- centila** *nf* percentile
- centigramo** *nm* centigram
- centímetro** *nm* centimeter
- centro** *nm* center | height and depth | axis of a stream, etc.
- ceñido,-da** *adj* [Méx] thinned out, narrowed
- ceolita** *nf* zeolite
- cera** *nf* wax | *c. fósil* or *mineral* natural paraffin, mineral wax
- cerámico,-ca** *adj* ceramic
- cerargirita** *nf* cerargyrite
- cerca** *adv* near | *c. del sol* open pit | *nf* [Ch] bedrock
- céreo,-rea** *adj* waxy, wax
- cerio** *nm* cerium
- cernedor** or **cernidor** *nm* screen, sieve
- cerner** or **cernir** *vtr* to sift or sieve
- cerniduras** *nfpl* screenings
- cero** *nm* zero | *c. absoluto* absolute zero
- ceroso,-sa** *adj* waxy, ceraceous
- cerracho** *nm* [Huancavelica, Pe] smalls (*granza*) of mercury ore used as the top charge in the barba furnace
- cerrar** *vtr* to close | to enclose | to shut-in (a well) | *c. el trazado* to close a survey
- cerrarse** *vpr* to thin out, pinch out, as for a vein
- cerrazón** *nm* [Col] part of a placer containing boulders
- cerril** *adj* rough, uneven, hilly
- cerrillada** *nf* range of low hills
- cerrillo** *nm* hillock
- cerro** *nm* hill (smaller than a *pico* but larger and steeper than a *loma*) | *c. glaciario* kame
- cerro-mesa** *nm* table mountain
- cerúleo,-lea** *adj* cerulean, azure, deep blue
- cerusa** *nf* cerussite
- cerusita** *nf* cerussite
- cesio** *nm* cesium
- cesión** *nf* failure | *c. de interés* farm-out
- cianita** *nf* kyanite
- cianizar** *vtr* to cyanide
- cianuración** *nf* cyanidation, cyaniding
- cianuro** *nm* cyanide
- cibairo** *nm* any blue or green copper mineral
- cíclico,-ca** *adj* cyclic, cyclical
- ciclo** *nm* cycle | *c. de erosión* erosional cycle | *c. glaciario* glacial fluctuation
- cielo** *nm* sky | roof of a working | hanging wall | *a. c. abierto* open pit
- ciénaga** *nf* depression where water collects | swamp, bog | *c. cárstica* karst fen, karst swamp
- ciencia** *nf* science | *ciencias geológicas* geological sciences
- cieneval** *nm* [PR] swamp
- cieno** *nm* mud | sludge
- científico,-ca** *adj* scientific | *nm/nf* scientist
- cierre** *nm* closure | shut-in | *c. anticlinal* anticlinal closure | *c. del trazado* [surv] closure
- cifra** *nf* figure, number, numeral | quantity, amount | *c. decimal* digit
- cilíndrico,-ca** *adj* cylindrical, cylindric
- cilindrio** *nm* cylinder
- cima** *nf* summit, top, height, peak, crest
- cimborrio** *nm* dome | roof, cieling, hanging wall
- cimbrozano** *nm* [Vz] earthquake
- cimento** *nm* cement
- cimofana** *nf* cymophane, chrysoberyl
- cinabarita** *nf* [Sp] cinnabar
- cinabrio** *nm* cinnabar | *c. hepático* hepatic cinnaber
- cinc** *nm* zinc | *c. rojo* zincite
- cincel** *nm* chisel | [Pe] large mass of native silver | *c. del indio* [Col] stone chisel used by natives for quarrying stone | *c. de uñas* [Sp] stone cutter's chisel
- cincelador** *nm* stone cutter's chisel
- cincelar** *vtr* to chisel

- cincelete** *nm* graver, small chisel
cincífero,-ra *adj* zinc-bearing, zinciferous
cincita *nf* zincite
cincha *nf* girth, cinch
cinerita *nf* ash flow
cinético,-ca *adj* kinetic | *nf* kinetics
cinquero *nm* zinc worker
cinta *nf* tape | measuring tape | band or layer of mineral in a vein | [Col] gold-bearing horizon in a placer | *c. de agrimensur* measuring tape | *c. de bolsillo* pocket tape | *c. métrica* measuring tape
cintada *nf* [surv] tape length, tape measurement
cintarrón *nm* [Col] layer of pay-dirt in a placer of unusual thickness
cintado,-da *adj* banded, ribboned | *nf* streak, band
cintero *nm* [surv] tapeman | *c. delatero* head tapeman | *c. trasero* rear tapeman | *c. zaguero* [Arg] rear tapeman
cintilómetro *nm* scintillator, scintillometer
cinturón *nm* belt, zone | *c. de cabalgamiento* overthrust belt | *c. morénico* moraine belt
circa *nf* [Ch] bed rock
circar *vt* [Bol] to mine selectively
circo *nm* cirque, kar | *c. glaciar* cirque
circón *nm* zircon
circona *nf* zirconia
circóico,-ca *adj* zirconic
irconio *nm* zirconium
irconita *nf* zirconite
círculo *nm* circle | district | *c. antártico* antarctic circle | *c. ártico* arctic circle | *c. de Mohr* Mohr's circle | *c. polar* polar circle
circunferencia *nf* circumference
cisco *nm* broken coal | coal dust
citrina *nf* citrine (a *var* of quartz)
cizalla *nf* shear
cizallar *vt* to shear
cizalleo *nm* shearing
cizallimiento *nm* shearing
ckajcheo *nm* irregular workings resulting from selective mining
ckallar *vt* to high grade a vein or deposit by mining selectively
ckatata or **ckatati** *nf* [Bol] leather bag used to haul ore
ckojta *nf* [Bol] miner's carbide lamp
ckollpa *nf* [Bol] trona
claro *nm* open space in a lode remaining after ore has been extracted
clase *nm* class | grade | *c. cristalina* crystal class
clasificable *adj* classifiable
clasificación *nf* classification | sorting | order | *c. de Dunham* Dunham's classification of carbonate rocks
clasificado,-da *adj* classified
clasificador *nm* filing cabinet | classifier (milling)
clasificar *vt* to class, classify | to sort | to grade, class | to screen
clástico,-ca *adj* clastic
claustalita *nf* clausthalite
clavada *nf* winze
clavado,-da *adj* [Col] vertical
clavaque *nm* pebbles of quartz crystal
clavo *nm* bunch of ore | pay streak | rich ore shoot | chimney (of ore) | inclusion of igneous rock within sedimentary rock | [Col] piece of gold which cuts a pebble or cobble from one side to another
cliachita *nf* bauxite, cliachite
clinclasa *nf* clinoclase
clinocloro *nm* clinocllore
clinoeje *nm* clinoaxis
clinómetro *nm* clinometer
clivaje *nm* cleavage | *c. de crenulación* crenulation cleavage | *c. de disyunción* fracture cleavage | *c. de estratificación* bedding cleavage | *c. de flujo* flow cleavage | *c. de fractura* fracture cleavage | *c. de lápiz* pencil cleavage | *c. de micropliegue* crenulation cleavage | *c. de plano axial* axial plane cleavage | *c. de roca* rock cleavage | *c. de transposición* slip cleavage | *c. en abanico* cleavage fan | *c. espaciado* spaced cleavage | *c. paralelo* bedding cleavage | *c. pizarreño* slaty cleavage | *c. pizarroso* slaty cleavage | *c. verdadero* slaty cleavage
clizoglifo *nm* mud crack
cloantita *nf* chloanthite
clorato *nm* chloride
clorhidrato *nm* hydrochloride
clorhídrico,-ca *adj* hydrochloric
clórico *adj* chloric
clorita *nf* chlorite
clorítico,-ca *adj* chlorite, chloritic
cloritización *nf* chloritization
cloritoide *nf* chlortoid
cloro *nm* chlorine
clorocalcita *nf* hydrophilite
cloroespínela *nf* chlorospinel
cloruro *nm* chloride | *c. de cal* chloride of lime | *c. de sodio* sodium chloride | *c. sódico* sodium chloride

- coacervación** *nf* coacervation
coalescencia *nf* coalescence, fusion
cobáltico,-ca *adj* cobaltic
cobaltífero,-ra *adj* cobalt-bearing, cobaltiferous
cobaltina *nf* cobaltite
cobalto *nm* cobalt | cobalt ore | *c. arsenical* smaltite | *c. brillante* cobaltite | *c. fragmentado* native arsenic | *c. gris* cobaltite, smaltite
cobaltoso,-sa *adj* cobaltous
cobertera *nf* platform cover
cobertura *nf* cover, covering
coblenciano,-na *adj* Coblenzian
colbenciense *adj* Coblenzian
cobijadura *nf* alluvium | [Arg] overthrust
cobre *nm* copper | copper ore | *c. abigarrado* bornite | *c. amarillo* chalcopyrite | *c. ampolloso* blister copper | *c. añilado* covellite | *c. azul* azurite | *c. bruto en plancha* copper ingot | *c. de acarreo* drift copper | *c. de cementación* cement copper | *c. del cátodo* cathode copper | *c. en plancha* sheet copper | *c. gris (antimonial)* tetrahedrite | *c. gris (arsenical)* tennantite | *c. gris argentífero* freibergite | *c. gris mercurial* schwazite | *c. hepático a var* of chalcopyrite | *c. índigo* chalcocite | *c. morado* bornite | *c. nativo* native copper | *c. negro* blister copper | tenorite | *c. piritoso* chalcopyrite | *c. piritoso hepático* bornite | *c. porfídico* copper porphyry | *c. rojo* cuprite | *c. roseta* copper ingot | *c. salino* atacamite | *c. silíceo* crysocolite | *c. sulfurado vidrioso* chalcocite | *c. sulfúreo* chalcocite | *c. verde* malachite | *c. vidrioso* chalcocite | *c. vírgen* native copper | *c. vítreo* torbernite
cobreño,-ña *adj* copper, with copper
cobrizo,-za *adj* copper-bearing, cupriferous | copper-colored, coppery | *nm* [Méx] low-grade copper ore
cocción *nf* roasting
coceo *nm* [Méx] thrust
cocer *vtr* to roast ore
cocimento *nm* [Pe] boiling of ores | [Ch] method of treating nitrates
cocinera *nf* [Zacatecas, Méx] rich part of a mine
coco *nm* [Col] gold pan made from a cocanut shell
cocolita *nf* coccolite
cocolito *nm* coccolith
cocha *nf* [Bol, Ec] lake, pond
cochano *nm* [Vz] nugget
cochino *nm* [met] pig
cochiso *nm* [Pe] proustite, pyrrargyrite
cochizo *nm* pyrrargyrite | [Bol, Pe] tetrahedrite | [Pe] stromeyerite | *c. falso* [Cerro de Pasco, Pe] bournonite
cochura *nf* roasting
codal *adj* one cubit long
código *nm* code of laws | *c. de carolina* mining code for Potosí and the area under the authority of the viceroyalty of the Río de La Plata (essentially modern Bolivia) established in 1792 | *c. de minas* mining laws
codó *nm* cubit
coeficiente *nm* coefficient | *c. de confianza* confidence level | *c. de correlación* correlation coefficient | *c. de determinación* coefficient of determination | *c. de elasticidad* modulus of elasticity | *c. de permeabilidad* coefficient of permeability | *c. de productividad* productivity index | *c. de variación* coefficient of variation
cogollo *nm* upper part | *c. de la cinta* [Col] upper part of the pay zone in a placer | *c. del hilo* [Col] upper part of a vein | *c. de las vetas* outcrop of a vein
coherencia *nf* coherence
cok *nm* coke | *c. de petróleo* petroleum coke | *c. de retorta* gas coke | *c. para altos hornos* blast furnace coke
cola *nf* tail | [Méx] part of a vein that terminates with depth | *nfpl* tailings
colada *nf* flow (of lava) | melt | filtering | *c. de lava* lava flow
coladero *nm* winze, ore pass, ore chute
colador *nm* strainer | *c. de lodo* shale shaker | *c. vibratorio* shale shaker, mud screen
coladura *nf* straining, filtering
colagón *nm* [Méx] conduit, canal
colar *vtr* to cast metal | [Méx] to sink a shaft
colarse *vpr* to seep, percolate
colatitud *nf* colatitude
colección *nf* collection
colector *nm* collector | *c. de gas* gas trap
colgado,-da *adj* suspended, hung | [Bol] said of a mine working which encounters an already worked area
colgante *adj* hanging, suspended
colgar *vtr* [Col] to use natural drainage to work a placer
colicuación *nf* smelting
colillas *nfpl* tailings
colimación *nf* collimation
colimador *nm* collimator
colina *nf* ridge, hill | hillock | *c. de presión* pressure ridge

- colindante** *adj* adjacent
- colmado,-da** *adj* piled in heaps
- colmarse** *vpr* to fill up
- colmatación** *nf* filling | [Arg] silting up
- colmataje** *nm* filling
- colmo** *nm* height, summit
- colocar** *vtr* to arrange or place, locate, set
- colofonita** *nf* collophane
- colófano** *nf* collophane
- coloforno,-ma** *adj* colloform
- coloidal** *adj* colloidal
- coloide** *adj/nm* colloid
- coloideo,-dea** *adj* colloid, colloidal
- colomillo** *nm* [Col] protruding rocks in the bedrock of a river or placer
- color** *nm* trace or color of gold | rock stained by mineral
- colorante** *nm* coloring material
- colorado,-da** *adj* red | *nf* [Topia, Méx] rusty orange staining of propylitized andesite due to weathering of pyrite | *nm* red | [Méx] gossan | [Pe, Ch] oxidized silver ores colored by copper | *nmpl* silver ore with high iron oxide content
- coloreado,-da** *adj* colored
- colpa** *nf* copperas | [Pe] a silver ore
- colqueruna** *nm* Indian who obtained exemption from the *mita* by paying a fee to his *caquique*
- colqui** *nm* [Bol, Pe] silver
- columna** *nf* pipe or column of rock or ore | *c. de brecha* breccia pipe | *c. de petróleo* oil column | *c. de sondeo* drill string
- columnar** *adj* columnar
- coluvial** *adj* colluvial
- coluvión** *nf* colluvium
- collado** *nm* saddle, gap, pass | hill
- collpa** *nf* [Bol, Pe] nitrate, trona
- comarca** *nf* territory, district, region | border, boundary, limit | study area | *c. minera* mining district
- comba** *nf* bulge
- combar** *vtr* to bend, curve or warp
- combersa** *nf* [Arg] valley
- combinación** *nf* combination, compound | commingling | permutation
- combo** *nm* [Bol] sledge hammer
- combustible** *adj* combustible | *nm* fuel, combustible | fuel oil | *c. líquido* liquid fuel
- combustión** *nf* combustion | *c. in situ* in situ combustion
- combustóleo** *nm* fuel oil
- comercialización** *nf* marketing
- comerse los pilares** *vpr* [Méx] to rob pillars
- comillo** *nm* reverberatory furnace
- comisión** *nf* [Col] party | *c. de estudios* [Col] survey party
- comisura** *nf* corner | *c. estratigráfica* bedding plane
- compacidad** *nf* [PR, Vz] compaction, compactedness
- compactación** *adj* compaction, compacting, consolidating
- compacto,-ta** *adj* compact, dense
- compañía** *nf* company | *La C.* [Pe] Cerro de Pasco Corporation
- compás** *nm* compass (for drawing) | compass (for navigation) | *c. de división* dividers
- compensación** *nf* adjustment, compensation | *c. de la brújula* compass compensation
- compensar** *vtr* to adjust | *c. la aguja* adjust a compass needle
- competencia** *nf* competence
- competente** *adj* competent
- complejo** *nm* complex | *c. basal* basement complex | *c. de base* basement complex | *c. fundamental* basal complex | *c. volcánico* volcanic complex
- componente** *nm* constituent, component
- composición** *nf* composition
- comportamiento** *nm* behavior | *c. geoquímico* geochemical behavior
- compresibilidad** *nf* compressibility
- compresible** *adj* compressible
- compresión** *nf* compression | *c. isotermica* isothermal compression
- compresivo,-va** *adj* compressive
- compreso,-sa** *adj* compressed
- comprimible** *adj* compressible
- comprimido,-da** *adj* compressed
- comprimir** *vtr* to compress | *v,pr* to be compressed
- compuesto,-ta** *adj* compound | *nm* compound
- computador** *nm* computer
- computadora** *nf* computer
- computar** *vtr* to compute, calculate
- cómputo** *nm* computation, calculation
- común** *adj* common, ordinary, average | *nm* ore of average grade
- comunicación** *nf* [Bol] drift that connects two sections of a mine | intersection of a raise or winze with a gallery
- concavidad** *nf* concavity
- cóncavo,-va** *adj* concave | *nf* cavity, hollow
- cóncavoconvexo,-xa** *adj* concavo-convex

- concentración** *nf* concentration | *c. en seco* dry concentration
- concentrado,-da** *adj* concentrated | *nm* concentrate
- concentrador** *nm* concentrator
- concentrar** *vtr* to concentrate
- concentricidad** *nf* concentricity
- concéntrico,-ca** *adj* concentric
- concesión** *nf* concession, grant | *c. comunitaria* community lease | *c. de tiro* shooting lease
- concesionar** *vtr* to grant a concession
- concesionario** *nm* holder of a concession, licensee, grantee
- concoide** *adj* conchoidal
- concoideo,-dea** *adj* conchoidal
- concordancia** *nf* conformity
- concordante** *adj* concordant, conformable
- concreción** *nf* concretion | *c. calcárea* calcareous sinter | *c. esferoidal* spheroid concretion
- concrecionado** *nm* deposit formed by chemical precipitation
- concrecionar** *vtr* to sinter
- concrecional** *adj* concretionary
- concha** *nf* shell | test (microfossil)
- conchífero** *adj* shell-bearing | *nm* [Méx] shell-bearing limestone
- conchilla** *nf* [Arg] shell
- conchudo,-da** *adj* shelly, shaly
- cónchula** *nf* [Arg] test (microfossil)
- condensación** *nf* condensation
- condensado** *nm* condensate | *c. retrogrado* retrograde condensate
- condensar** *vtr* to condense
- cóndrita** *nf* chondrite
- conducción** *nf* conduction | *c. de calor* thermal conduction
- conductancia** *nf* conductance
- conductibilidad** *nf* conductivity
- conductible** *adj* conductive
- conductividad** *nf* conductivity
- conductivo,-va** *adj* conductive
- conducto** *nm* vent or pipe of a volcano | channel, lava channel | conduit | *c. volcánico* volcanic vent
- conexión** *adj* connection, linkage
- confección** *nf* drawing up, making up | *c. de mapas* mapping
- configuración** *nf* pattern, array, configuration | *c. de afloramientos* outcrop pattern | *c. de diaclasas* joint pattern | *c. dendritica* dendritic pattern | *c. en reja* trellis pattern | *c. lee* lee configuration | *c. radial* radial pattern | *c. rectangular* rectangular pattern | *c. Wenner* Wenner array
- confitillo** *nm* [Méx] pea gravel, peastone
- conflación** *nf* smelting
- confluencia** *nf* confluence, concourse, or meeting of two rivers, etc. | junction | *c. de glaciares* glacial confluence
- confluente** *adj* confluent, tributary | *nm* confluence, concourse (of rivers)
- confluir** *vtr* to converge, meet, come together
- congelado,-da** *adj* frozen
- congelar** *vtr* to freeze, congeal | *vpr* to freeze, congeal
- congelo** *nm* [Ch] lowest layer of caliche consisting of selenite, sand, sulphates and chlorides
- conglomerádico,-ca** *adj* [Arg] conglomeritic, conglomerate
- conglomerado,-da** *adj* conglomerate | *nm* conglomerate | *c. aurífero* gold placer | *c. de boleos* boulder conglomerate | *c. de chinos* cobble conglomerate | *c. de fallas* fault conglomerate | *c. de granito* [Arg] granolithic conglomerate | *c. de peñas* [Vz] cobble conglomerate | *c. de peñones* [Vz] boulder conglomerate | *c. de trituración* crush conglomerate | *c. fundamental* basal conglomerate | *c. rojo* [Méx] conglomerate cemented by red, iron-bearing clay
- conglomerante** *nm* binding material
- conglomerar** *vtr* to conglomerate | *vpr* to conglomerate
- conglomerático,-ca** *adj* conglomeratic
- conglutinado,-da** *adj* conglutinated
- conglutinarse** *vpr* to coalesce, coagulate, cake
- congo** *nm* [Col] pebbles or fragments of iron ore found in placers | iron oxide found in veins | sphalerite
- congesto** *nm* pass | canyon, gorge
- congruente** *adj* congruent
- congruo,-rua** *adj* congruent
- coniáciano,-na** *adj* Coniacian
- coniácense** *nm* Coniacian
- conicidad** *nf* taper | conicity
- cónico,-ca** *adj* conical | conic (projection) | *nf* conic section
- conificación** *nf* water coning
- coniforme** *adj* cone shaped
- conileno** *nm* conylene
- conjugado,-da** *adj* conjugate
- conjunción** *nf* conjunction

conjunto *nm* suite | assemblage | *c. de estratos* sedimentary complex

cono *nm* cone | *c. acandilado* spatter or drip cone | *c. adventicio* adventive cone, parasitic cone | *c. aluvial* alluvial fan | *c. compuesto* compound cone | *c. de agua* water coning | *c. de cenizas* cinder cone | *c. de deyección* alluvial fan | *c. de erupción* eruption cone | *c. de lava* lava cone, shield volcano | *c. parásito* parasite cone | *c. piroclástico* pyroclastic cone

conodonto *nm* conodont

conoide *nm* conoid

conquífero,-ra *adj* [Sp] containing shells

consecuente *adj* consequent

consolidación *nf* consolidation

consolidado,-da *adj* consolidated

consolidar *vtr* to consolidate, compact | *sin c.* unconsolidated

consolidarse *vpr* to settle, become compact

constante *nm* constant | *c. de gravitación* gravitational constant |

constricción *nf* constriction

consumido *nm* [Méx] mercury used in the *patio* process of amalgamation of silver ores; Colonial silver miners, when registering their silver production with the Royal Treasury, were issued an amount of mercury (*consumido*) equivalent to the amount reckoned to have been consumed in producing the registered silver

contacto *nm* contact | *c. de transición* gradational contact | *c. gradual* gradational contact | *c. neto* sharp contact | *c. pronunciado* sharp contact | *c. sedimentario* sedimentary contact | *c. tectónico* tectonic contact

contador *nm* counter | *c. central* center counter | *c. de altura* altimeter | *c. geiger* geiger counter | *c. proporcional* proportional counter

contar *vtr* to count

contemporáneo,-nea *adj* contemporaneous

contenido *nm* concentration, grade | content

contextura *nf* structure and texture | *c. ofítica* ophitic texture

continental *adj* continental

continente *adj* containing | *nm* continent

contingente *nm* share, quota, allowable | *c. de producción provisional* temporary allowable

contornar or **contornear** *vtr* to sketch or trace the outline of | to skirt, pass around

contorno *nm* outline, contour | periphery | *c. estructural* structural contour

contraña *nm* [Méx] gallery driven into the footwall side of a vein

contracción *nf* contraction, shrinking

contracielo *nm* [Méx] raise, upraise | *c. de acceso* manway raise | *c. escalonado* stope raise | *c. piloto* pilot raise | *c. ramal* branch or cutout raise

contraconducto *nm* counterchute

contracorriente *nf* countercurrent, eddy, reverse current | *a c.* upstream

contraerse *vpr* to contract, shrink

contrafilón *nm* countervein, counterlode

contraflujo *nm* countercurrent, eddy

contramina *nf* a tunnel connection two mines

contrapresión *nf* back pressure

contrastar *vtr* to assay coins, gold, silver etc.

contraste *nm* assay

contrata *nf* [Pe] a system of debt servitude in mining in the 19th century which later evolved into a bonifide system of contract labor

contrato *nm* contract | *c. de avío* credit for working a mine | *c. de reembolso* bottom hole contract | *c. llave en mano* turnkey contract

contravena *nf* countervein

contraveta *nf* countervein

convección *nf* convection

convergencia *nf* convergence | *c. en ley* convergence in distribution or law | *c. en probabilidad* convergence in probability

convergente *adj* convergent, converging

convexidad *nf* convexity

convexo,-xa *adj* convex

convolución *nf* convolution

coordenada *nf* coordinate | *c. cartesiana* Cartesian coordinate | *c. de simetría cinemática* kinematic symmetry cleavage | *c. de simetría de pliegue* fold symmetry cleavage | *c. estructural* fabric symmetry cleavage | *c. tecto-textural de simetría* fabric symmetry cleavage

copal *nm* copalite, mineral resin | *c. de congo* congo copal

copalillo *nm* [Batopilas, Méx] sphalerite | [Zacatecas, Méx] cerussite

copaquira *nf* copper or nickel sulfate, melanterite

copela *nf* cupel

copelación *nf* cupellation

copelar *vtr* to assay by cupellation, cupel

copete *nm* crest

copey *nm* [Ec] bitumen

coprogéno,-na *adj* coprogenic

coprolito *nm* coprolite

coque *nm* coke | *c. amorfo* amorphous coke | *c. de petróleo* petroleum coke | *c. de retorta* gas coke

coquería *nf* coking plant

coquificación *nf* coking

coquificar *vtr* to coke

coquización *nf* coking

coquizar *vtr* to coke

coraliano,-na *adj* Corallian

corálico,-ca *adj* [Vz] coral

coraliense *adj* Corallian

coralífero,-ra *adj* coraliferous

coraliforme *adj* coraliform

coralígeno,-na *adj* coral

coralino,-na *adj* coralline, coral-red

cordado,-da *adj* ropey

cordel *nm* a measure of length | a measure of area

cordillera *nf* mountain range | *c. divisoria* divide

cordón *nm* [Arg, Ch] mountain chain | *c. de cerros* range of hills | *c. estratigráfico* shoestring sand

cori *nm* [Bol, Pe] gold

cori-bronce *nm* [Potosí, Bol] chalcopryrite

corindón *nm* corundum

cornalina *nf* cornelian chalcedony

cornamusa *nf* [Pe] earthen retort

corneana *nf* hornfels

cornelina *nf* cornelian chalcedony

córneo,-ea *adj* horny

cornerina *nf* cornelian chalcedony | onyx

cornubianita *nf* hornblende

coro-coro *nm* [Bol] native copper

corona *nf* rim | *c. albitica* albitic rim

coronación *nf* crest

coronamiento *nm* crest, top

corral *nm* a land measure of 5.857 hectares

corrección *nf* correction | *c. de bouguer* bouguer correction | *c. estática* static correction

corredero *nm* [Col] ancient, abandoned river bed

corredura *nf* flow, overflow

corregir *vtr* to correct, adjust (instruments)

correlación *nf* correlation | *c. de los rangos* rank correlation | *c. ilusoria* false correlation | *c. lineal* linear correlation | *c. múltiple* multiple correlation | *c. parcial* partial correlation | *c. serial* serial correlation

correlograma *nm* correlogram

correntada *nf* current (of a river, etc.)

corrental *nm* current (of a river, etc.)

correr *vtr* to run or flow, as for rivers, etc. | to run a survey | *c. una línea* [surv] to run a line | *c. niveles* [surv] to run levels

correspondencia *nf* ratio of mercury consumed to silver produced in the *patio* process of amalgamation of silver ore

correspondido *nm* ratio of mercury consumed to silver produced in the *patio* process of amalgamation of silver ore

corrido,-da *adj* continuous | lineal, running | *nf* run, travel | strike of a vein | [surv] a run of levels | [Bol] drift, float | [Ch] outcrop | *nf* [Bol] drift which follows the course of a vein

corriente *adj* running, flowing | *nf* current | stream, flow | course of a river | *c. abajo* upstream | *c. arriba* upstream | *c. cataclinal* cataclinal stream | *c. de convección* convection current | *c. de densidad* density current | *c. de remolino* [Arg] eddy current | *c. de rompiente* rip current | *c. de turbiedad* turbidity current | *c. de turbidez* turbidity current | *c. efluyente* effluent stream | *c. fluvial* stream | *c. freática* subsurface flow *c. litoral* longshore current | *c. sedimentadora* aggrading stream | *c. turbia* turbidity current

corrimiento *nm* landslide, sliding | overthrust | *c. aparente* apparent slip | *c. horizontal* horizontal thrust

corromperse *vpr* to decompose

corrosivo,-va *adj* corrosive

corroyente *adj* corrosive, abrasive

corrugación *nf* corrugation | *c. intraformacional* intraformational corrugation

corrugado,-da *adj* corrugated

cortada *nm* cut or working

cortafierro *nm* cold chisel

cortafrió *nm* cold chisel

cortahierro *nm* cold chisel

cortanúcleos *nmpl* core bit, core drill

cortar *vtr* to cut | *c. alturas* to trench a vein at the surface, stopping downwards as far as practical | *c. sogas* to abandon a mine

cortarse *vpr* to be cut off, as for a vein

cortaveta *nf* [Bol] drift which intersects a vein at an angle

corte *nm* cut off | cutting | working face, cut | section | cut or opening to an ore deposit or mine | stope | [Col] surface workings of a placer | *c. de pozo* drill cutting | *c. de préstamo* borrow pit | *c. de roca* thin section | *c. geológico* geologic cross-section | *c. transversal* cross section | *c. y relleno* cut and fill

corteza *nf* crust | *c. helada permanente* permafrost
| *c. terrestre* earth's crust
corundo *nm* corundum
corvadura *nf* curvature
cosedimentación *nf* cosedimentation
cosolete *nm* escutcheon
coseno *nm* cosine
costa *nf* coast, shore | *c. acantillada* steep coast |
c. alta mountain coast | *c. de emersión*
emergence coast | *c. de sumersión* submergence
coast | *c. playa* low coast
costado *nm* side of a pit, tunnel or shaft
costal *nm* [Méx] ore-sack of 150 pound capacity
costalera *nf* ore-sacks (collectively)
costanero,-ra *adj* coastal | *nf* slope
coste *nm* cost | *c. de extracción* extraction cost,
lifting cost | *c. de taponamiento* plug-back cost |
c. intangible intangible cost
costeable *adj* [Méx] workable at a profit, payable
costeño,-ña *adj* coastal
costero,-ra *adj* coastal, nearshore
costero *nm* side of a mineral deposit
costra *nf* crust, scale | slag | [Ch] conglomerate
that overlies caliche
costroso,-sa *adj* scaly
cota *nf* altitude, elevation | *c. de altura* elevation
| *c. de comparación* datum | *c. de nivel* elevation
| *c. de referencia* bench mark, datum
cotación *nf* elevation
coto *nm* boundary marker | *c. minero* group of
mines
covacha *nf* small cave
covadera *nf* guano deposit
covarianca *nf* covariance
covelina *nf* covellite
coyote *nm* working area during block caving
cracoiano,-na *adj* Cracoian
cracoiense *adj* Cracoian
craquear *vt* [Arg] to crack (petroleum)
craqueo *nm* [Arg] cracking | *c. al vapor* steam
cracking | *c. catalítico* catalytic cracking | *c.*
térmico thermal cracking
cráter *nm* crater of a volcano | *c. adventicio*
adventive crater | *c. de explosión* explosion
crater | *c. de meteorito* meteor crater | *c.*
inundado maar | *c. parásito* or *parasítico* parasitic
crater
cratógeno *nm* craton
crece *nm* [Ch] flood
crecer *vt* to rise, swell (river) | to increase
crecido,-da *adj* in flood | *nf* flood
creciente *nm* flood, rise | *c. de la marea* flood tide

crecimiento *nm* flooding, rising | growth | *c.*
exponencial exponential growth | *c. lineal* linear
growth | *c. logístico* logistic growth
crema *nf* cream (color)
crenulado,-da *adj* crenulate, crenulated
cresta *nf* crest | *c. de gas* gas cap | *c. dentada*
hogback | *c. divisadora* divide | *c. monoclinial*
hogback
crestería *nf* hogback, ridge | watershed line
crestón *nm* outcrop | outcrop of a vein or
deposit | crest
creta *nf* chalk
cretáceo,-cea *adj* Cretaceous
cretácico,-ca *adj* Cretaceous
cretoso,-sa *adj* chalky
criadero *nm* ore deposit, vein, seam or shoot |
genesis of ore deposits | [Ch] matrix | [Col]
gold found in the heads of streams | [Méx]
chamber deposit | *c. bolsada* irregular deposit |
c. de contacto contact metasomatic or skarn
deposit | *c. de petróleo* oil pool | *c. detrítico*
alluvial deposit | *c. en árbol* deposit that
branches like a tree | *c. en capa* stratiform
deposit | *c. en filón* veins of considerable extent
| *c. en veta* vein deposit | *c. en manto* bedded
vein deposit | *c. en masa* irregular deposit | *c.*
en saca irregular, sack-like deposit | *c.*
engabarrado disseminated deposit | *c. irregular*
irregular deposit | *c. en riñones* small, irregular
deposits
criba *nf* screen, grizzly, riddle | *c. hidráulica* jig,
jigging table
cribado,-da *adj* cribrate, cribiform | jugged,
concentrated on a jigging table | *nm* sieving,
sifting, screening | *nm* screening | [Sevilla, Sp]
screened coal 30 to 100 mm in size
cribador,-ora *adj* sieving, sifting, screening | *nm*
ore screen | siever, sifter, screener
cribadura *nm* sieving, screening or jigging of ore
cribar *vt* to screen, sieve, jig or sift
cribón *nm* grizzly
criboso,-sa *adj* cribrate, cribiform
crinoide *nm* crinoid
crioconito *nm* cryoconite
criógeno,-na *adj* cryogene
criptoclástico,-ca *adj* cryptoclástico
criptocristalino,-na *adj* cryptocrystalline
criptógeno,-na *adj* cryptic
criptomagmático,-ca *adj* cryptomagmatic
criptómera *nf* cryptomere, aphanitic rock
criptón *nm* krypton
criptovolcánico,-ca *adj* cryptovolcanic

- crisoberilo** *nm* chrysoberyl
crisócola *nf* chrysocolla | borax
crisol *nm* assay or smelting crucible | hearth (of a furnace)
crisolada *nf* charge of a crucible
crisólita *nf* chrysolite
crisólito *nm* chrysolite
crisoprasa *nf* chrysoprase
crisótilo *nm* chrysotile
crystalita *nf* cristabolite
crystal *nm* crystal | *c. de roca* rock crystal | *c. mineral* dissolved salt
crystalillo *nm* hyaline quartz | crystallized salts
crystalinidad *adj* crystallinity
crystalino,-na *adj* crystalline
crystalito *nm* crystallite
crystalización *nf* crystallization
crystalizador,-dora *adj* crystallizing
crystalizante *adj* crystallizing
crystalizar *vtr/intr/pr* to crystallize
crystaloblastosis *nf* crystalloblastosis
crystaloblástico,-ca *adj* crystalloblastic
crystalofísica *nf* crystal physics
crystalografía *nf* crystallography
crystalográfico,-ca *adj* crystallographic
crystaloide *adj/nm* crystalloid
crystaloideo,-dea *adj* crystalloidal
crystalóptica *nf* crystal optics
crystal *nm* criteria | *c. de rechazo* rejection criteria
crocoísa *nf* crocoite
crocoisita *nf* crocoite
chromato *nm* chromate | *c. de hierro* chromite
crómico,-ca *adj* chromic, chrome-bearing
chromita *nf* chromite (ore)
chromito *nm* chromite (chemical)
chromo *nm* chromium, chrome
chromocre *nm* chrome ochre
chromoferrita *nf* chromite
chromo *nm* chrome
chronostratigráfico,-ca *adj* chronostratigraphic
chronología *nf* chronology
chronológico,-ca *adj* chronological
croquis *nm* sketch | rough draft
cruce *nm* [Bol] intersection of two galleries or drifts
crucero *nm* jointing | cleavage | [Bol] intersection of two galleries or drifts | *c. astilloso* pencil cleavage | *c. básico* basal cleavage | *c. de intersección* pencil cleavage | *c. de plano axial* axial plane cleavage | *c. de roca* cleavage, rock cleavage | *c. en abanico* cleavage fan | *c. espaciado* spaced cleavage | *c. ondulado* crenulation cleavage | *c. pizarroso* slaty cleavage | *c. verdadero* slaty cleavage
cruciforme *adj* cruciform
crudo,-da *adj* crude, untreated | hard (water) | *nm* crude oil | *c. de equidad* equity crude | *c. dulce* sweet crude
cruzado,-da *adj* crossed or cut by another | *nf* crosscut
cruzador *nm* cross vein
crudeza *nf* hardness (of water)
cruz *nf* intersection of veins
cruzamiento *nm* crosscutting of veins
cruzante *nm* vein that cuts another
cruzar *vtr* to cross, cut or traverse
cuaderno *nm* field book, notebook | *c. de nivelación* level book
cuadra *nf* a measure of length of one quarter of a mile
cuadrado,-da *adj* square | *nm* square | *c. latino* Latin square | *c. medio* mean square
cuadrángulo *nm* quadrangle
cuadrante *nm* quadrant (of a circle)
cuadrático,-ca *adj* quadratic
cuadrícula *nf* grid, cross ruling
cuadrulado,-da *adj* grid, in squares | *nm* grid, cross ruling
cuadrular *vtr* to grid
cuadrilla *nf* gang, party, crew | *c. de perforación* drilling crew
cuadrivalente *adj* quadrivalent
cuadro *nm* table | shaft | *c. periódico* periodic table
cuajado *nm* [Méx] silver-bearing lead ore
cuajar *vtr* to evaporate brine
cuajarse *vpr* to coagulate, cake
cuaje *nm* total evaporation of brine
cualitativo,-va *adj* qualitative
cuántico,-ca *adj* quantum, quantic
cuantificación *nf* quantification
cuantificar *vtr* to quantify | to quantize
cuantila *nf* quantile
cuantitativo,-va *adj* quantitative
cuanto *nm* quantum
cuarache *nm* [Guanajuato, Méx] clay selvage around a vein
cuarcífero,-ra *adj* quartz-bearing, quartziferous
cuarcita *nf* quartzite | *c. feldespática* arkosite
cuarcítico,-ca *adj* quartzitic
cuarta *nf* fourth | quadrant | a linear measure of one fourth of a *vara*
cuartadura *nf* crack, split, fissure

cuartear *vt* to break rock with a sledge hammer
| to
quarter | to crack | *vpr* to crack, split
cuarteo *nm* crack, fissure | splitting, dividing
into parts | [Méx] piecework
cuarterón *nm* [Méx] a liquid measure of 25 liters
cuarteta *nf* [Ch] a measure of area
cuartila *nf* quartile
cuartilla *nf* one fourth of an *arroba*, one-sixteenth
of a *quintal*
cuartillo *nm* a measure of volume of one fourth
of a *fanega* or *real*
cuartón *nm* boulder | [Méx] flagstone
cuarzo *nm* quartz | *c. ahumado* smokey quartz |
c. alfa alpha quartz | *c. amarillo* cairngorm stone
| *c. bastardo* bull quartz | *c. beta* beta quartz | *c.*
cariado rotten quartz | *c. citrino* topaz | *c.*
ferruginoso iron stained quartz | *c. hialino*
hyaline quartz | *c. hialino verde* sinople | *c.*
lechoso milky quartz | *c. listado* ribboned quartz
| *c. macho* [Col] quartz barren of ore | *c.*
porfídico [Pe] hornstone | *c. radiado* cross-course
spar | *c. rosado* rose quartz | *c. tabular* laminar
quartz
cuarzodiorita *nf* quartz diorite
cuarzomonzonita *nf* quartz monzonite
cuarzoso,-sa *adj* quartzose
cuaternario,-ria *adj* Quaternary
cuatero,-na *nf* quaternary
cuba *nf* vat | *c. de cianuración* cyanidization vat
cubaje *nm* volume
cubertura *nf* cover
cubeta *nf* [Vz] trough, downfold, syncline, basin
| *c. cerrada* basin | *c. marina* ocean basin
cubetada *nf* bucketfill
cubetadraga *nf* dragline bucket
cubicación *nf* computation of volume
cubicaje *nm* volume
cubicar *vt* to block out (ore) | to compute
volume
cúbico,-ca *adj* cubic
cubierta *nf* cover, overburden
cubierto *nm* cover, overburden | *c. fluvioiglacial*
glacial cover | *c. moderno* recent cover
cubilote *nm* cupola
cubo *nm* cube
cubreobjeto *nm* cover glass, cover slip
cubrir *vt* to cover
cucúrbita *nf* retort
cucurucho *nm* peak, summit, top
cucharadraga *nf* [Ec] dragline bucket
cuchareo *nm* baling (of a well)

cuchilla *nf* knife-edged or sharp ridge |
mountain crest | mountain range | outrunner
or branch of a *sierra* | line of hills
cuele *nm* driving, sinking (workings)
cuelga *nf* [Ch, Col] slope, grade (of a river)
cuenca *nf* basin | watershed, river drainage
system | valley | trough, graven | *c.*
alimentadora watershed | *c. carbonífera* coal
basin | *c. cerrada* closed basin | *c. de*
alimentación watershed | *c. de drenaje* drainage
basin or area | *c. de fallas* graben | *c. de*
sedimentación sedimentation basin | *c. fluvial*
river basin | *c. hidrográfica* drainage basin | *c.*
hullera coal basin | *c. imbrífera* [Arg, Ur]
watershed | *c. marginal* marginal basin | *c.*
marina sea basin | *c. petrolífera* oil pool | *c.*
recolectora watershed | *c. rocosa* rock basin | *c.*
sedimentaria sedimentary basin | *c. submarina*
submarine basin | *c. tributaria* watershed
cuenco *nm* pool, basin
cuerpo *nm* body or mass of rock or mineral |
orebody | *c. de agrimensores* survey party | *c. de*
beneficio ore body | *c. de brecha hidrotermal*
hydrothermal breccia body | *c. de filón* or *de*
veta branch of a vein | *c. del alto* hanging wall
branch of a vein | *c. del bajo* footwall branch of
a vein | *c. del enmedio* branch of a vein between
the footwall and hanging wall | *c. intrusivo*
intrusive body | *c. magmático* boss, stock | *c.*
mineralizado ore shoot
cuesco *nm* core | [Méx] coarse ore
cuesta *nf* abrupt grade, elevation | rise | hill |
slope | *c. abajo* downhill, downslope | *c. arriba*
uphill
cueto *nm* high crag, rocky peak
cueva *nf* cave | *c. vieja* [Minglanilla, Sp] large
chambers resulting from the excavation of salt
cuisiano,-na *adj* Cuisian
cuisense *nm* Cuisian
culminación *nf* culmination
cumbre *nm* summit, top, ridge, peak, crest
cumbrera *nf* summit, top, ridge
cumulante *nm* cumulant
cúmulo *nm* accumulation, pile, heap | irregular
deposit or mass | stockwork
cumuri *nm* owner of *llamas* or *burros* employed
to transport ore
cuneta *nf* small trench
cuniforme *adj* cuniform, cuneate, wedge-shaped
cuña *nf* wedge | *c. de hielo*
cuota *nf* allowable, quota, share | *c.*
suplementaria discovery well allowable

cúprico,-ca *adj* cupric

cuprífero,-ra *adj* copper-bearing, cupriferous

cuproso,-sa *adj* cuprous

cúpula *nf* cupola, dome, roof | *c. de lava* lava dome

curi *nm* [Ec] gold

curiche *nm* [Bol] lake, pool

curso *nm* course | stream | *c. antecedente* antecedent stream | *c. consecuente* consequent stream | *c. desplazado* offset stream | *c. efluyente* effluent stream | *c. influyente* influent stream | *c. pirata* pirate stream | *c. ramificado* braided stream | *c. sobrepuesto* superimposed stream | *c. subsecuente* subsequent stream

curva *nf* curve | *c. acampanada* bell(-shaped) curve | *c. acumulada* cumulative frequency

distribution | *c. bimodal* bimodal curve | *c. de declinación* decline curve (oil or gas production) | *c. de las frecuencias acumuladas* cumulative frequency distribution | *c. de nivel* contour line | *c. de vaporización* flash curve | *c. en j* J-curve | *c. en u* U-shaped curve | *c. familiar* family curve (average of decline curves for several wells) | *c. isóbata* depth contour | *c. unimodal* unimodal curve

curvación *nf* curvature

curvar *otr* to bend, curve

curvatura *nf* curvature, warp

curvilíneo,-nea *adj* curvilinear

cúspide *nf* peak, summit | apex

cuspilito *nm* beach cusp

D

- dacítico,-ca** *nf* dacitic
- danense** *adj* Danian
- danés** *adj* Danian
- daniano,-na** *adj* Danian
- daniense** *adj* Danian
- darcy** *nm* darcy
- data** *nf* date
- datación** *nf* dating, age determination
- datar** *vtr* to date, put a date on | *vintr* to date
- dato** *nm* fact, datum, record, piece of information | *nmpl* data, facts, information
- débil** *adj* weak
- debilidad** *nf* weakness
- decaedro** *nm* decahedron
- decano** *nm* decane
- decantación** *nf* decantation | *d. selectiva* selective decantation
- decapitación** *nf* stream capture
- decila** *nf* decile
- declinación** *nf* declination | *d. de la aguja* or *magnética* deviation from magnetic north
- declive** *nm* inclination, slope, incline, declivity, dip, pitch | *en d.* sloping, on a slope
- declividad** *nf* slope
- dedo** *nm* twelfth part of a *palmo*, twenty-eighth part of a *vara*
- defecto** *nm* defect | *d. de estructura* crystal defect | *d. de masa* mass defect
- deflación** *nf* deflation
- deflexión** *nf* deflection | *d. de la aguja* magnetic deviation
- deformación** *nf* deformation | strain
- deformar** *vtr* to deform | to strain
- degradación** *nf* degradation, erosion
- degradar** *vtr* to degrade
- dejar respaldo** *vtr* [Pe] to leave ore in the wall-rock of a mine
- deleznable** *adj* brittle, friable, crumbly
- deleznamiento** *nm* slakings
- deleznar** *vtr* to crumble
- delineado,-da** *adj* blocked-out (ore)
- delinear** *vtr* to block out (ore)
- delta** *nm* delta | *d. continental* inland delta | *d. glaciárico* kame delta | *d. marino* marine delta
- deltaico,-ca** *adj* deltaic
- demantoide** *adj* demantoid, uralian emerald
- demarcación** *nf* demarcation
- demarcador,-dora** *nf* demarcating, of demarcation
- demarcar** *vtr* to demarcate, delimit, mark out
- demasias** *nfpl* [Bol] land falling outside of existing mining claims
- dendriforme** *adj* dendroid
- dendrita** *nf* dendrite
- dendrítico,-ca** *adj* dendritic
- dendroide** *adj* dendroid
- dendroideo,-dea** *adj* dendroid
- densidad** *nf* density | *d. API* API gravity | *d. de probabilidad* probability density | *d. natural* natural (rock) density | *d. relativa* relative density, specific gravity
- densimetro** *nm* densimeter
- dentado,-da** *adj* jagged, serrated, toothed | dentate
- dentellado,-da** *adj* jagged, serrated, toothed | dentate
- denticulado,-da** *adj* toothed
- denudación** *nf* erosion, denudation
- denudar** *vtr* to erode, denude
- denuncia** *nf* petition for a mining claim
- denunciar** *vtr* to obtain legal possession to a mining claim
- depleción** *nf* depletion
- deposición** *nf* deposition
- depositar** *vtr* to deposit | *vpr* to settle
- depósito** *nm* deposit, sediment | deposition | reservoir, tank | stock of mercury issued to colonial silver miners on credit by the Royal Treasury | *d. aluvial* alluvial deposit | *d. de contacto* contact metamorphic deposit | *d. de minerales* mineral deposit | *d. de metal* ore deposit | *d. estratoligase* stratiform deposit | *d. glaciár* glacial deposit | *d. mural* mural deposit | *d. por deslizamiento* slump | *d. vetiforme* vetiform deposit
- deposición** *nf* deposition
- depresión** *nf* depression, hollow | gap, pass | *d. litoral* longshore trough
- depuración** *nf* purification (of water)
- depurar** *vtr* to purify
- derecho,-cha** *adj* straight | *nm* grant, concession | *d. de captura* rule of capture | *d. de mina* mineral rights
- derechos** *nmpl* tax on ore | *d. de mineraje* royalty | *d. de señoraje* duty formerly paid to the king of Spain on coining gold or silver
- deriva** *nf* drift | *d. de (los) continentes* continental drift
- derivar** *vtr* to calculate | *vintr* to incline, drift, trend
- derivación** *nf* offset

- derramamiento** *nm* runoff
derramarse *vpr* to overflow, run-off
derrame *nm* declivity, slope, incline | sill | overflow, runoff
derretido,-da *adj* melted, molten
derretimiento *nm* melting, thawing
derretir *vtr* to melt, thaw, melt down | *vpr* to melt, become molten, thaw
derribar *vtr* to break ground
derribo *nm* breaking ground
derrocado,-da *adj* caved
derrubiar *vtr* to erode, undermine, wash away
derrubio *nm* alluvium | erosion, undermining, washing away | *d. estriado* striated pebbles | *d. glacial* glacial drift
derrumbadero *nm* precipice, cliff
derrumbamiento *nm* caving, collapse of workings | landslide | slumping | *d. de tierra* landslide
derrumbarse *vpr* to cave in, fall in, collapse
derrumbe *nm* caving, collapse of workings | landslide | *d. de montaña* rockfall
derrumbo *nm* precipice | [Col] landslide
desagregación *nf* desaggregation, disintegration
desagregado,-da *adj* disintegrated
desaguadero *nm* drain, outlet
desaguator *nm* drain, canal, outlet
desaguamdo *nm* drainage, draining | drain, outlet
desaguar *vtr* to drain, empty, run off | *v intr* to flow, drain into | *vpr* to drain
desagüe *nm* drainage, draining | drain, outlet
desahucio *nm* [Bol] annullment of a mining claim for failure to pay taxes
desalación *nf* desalinization
desalar *vtr* to desalinate
desalinización *nf* desalinization
desalinizar *vtr* to desalinate
desamontar *vtr* to unpile
desamparar *vtr* to abandon a mine or working
desamparo *nm* abandonment of a mine or working
desaparación del mineral *nf* pichning out
desarenar *vtr* [Col] to wash away sand in a placer working
desarollar *v tr* develop | to unroll, unfold (a map) | *vpr* to develop, be developed | to unroll, unfold (a map)
desarrollo *nm* development | expansion (of a mathematical expression) | unrolling (of a map)
desazogadera *nf* retort used to volatilize and recover mercury from amalgam
desazogar *vtr* to volatalize and recover mercury
desbarrancadero *nm* precipice
desbocado,-da *adj* overflowing (river)
desbordamiento *nm* overflow, overflowing
desbordar *vintr/pr/tr* to overflow, flood
desborde *nm* overflowing
descalaminado *nm* removal of calamine
descalaminar *vtr* to remove calamine from
descalcificación *nf* decalcification
descalcificar *vtr* to decalcify | *vpr* to become decalcified
descarbonatar *vtr* to decarbonate
descarburación *nf* decarbonization, decarbonizing
descarburante *adj* decarbonizing, decarburizing | *nm* decarbonization, decarbonizing
descarburar *vtr* to decarbonate, decarburize
descargar *vtr* to discharge | *vintr* to flow | *d. en* to flow into
descendencia *nf* descendance
descendente *adj* downslope
descendiente *adj* descending | descendent, descendant
descenso *nm* subsidence
descoagulante *adj* liquefying
descoagular *vtr* to liquify, dissolve
descogollar *vtr* [Col] to work the *cogollo* or upper part of a vein
descolorante *adj* bleaching
descolorar *vtr* to bleach | *vpr* to be bleached
descolorido,-da *adj* bleached | *nm* bleaching
descolorimiento *nm* bleaching
descolorir *vtr* to bleach | *vpr* to be bleached
descomponer *vtr/pr* to decompose | to resolve (a force) | to split up (a fraction) | to break down
descomposición *nf* decomposition | resolution (of a force) | factoring
descompresión *nf* decompression
descomprimir *vtr* to decompress
descompuesto,-ta *adj* decomposed
desconchase *vpr* to spall, exfoliate
describir *vtr* to trace | to describe
descripción *nf* tracing | description
descuajar *vtr/pr* to liquify, dissolve
descubierto,-ta *adj* exposed
descubridor,-ra *adj* discovered
descubrimiento *nm* discovery | *d. en suspensión* suspended discovery
descubrir *vtr* to discover
desdoblar *vtr* to unfold (a map)

- desección** *nf* dessication, drying | draining (of a marsh)
- desechado,-da** *adj* dried, dessicated | *nm* drying, dessication
- deseCADOR,-dora** *adj* drying, dessicating
- deseCAMIENTO** *nm* dessication, drying | draining (of a marsh)
- deseCANTE** *adj* drying, dessicating
- deseCAR** *vtr/pr* to dry up, dessicate | to drain
- deseCATIVO,-va** *adj* drying, dessicating
- deseCHO** *nm* waste rock | very low grade ore | [surv] offset
- deseMBOCADURA** *nf* river mouth, outlet
- deseMBOCAR** *vintr* to flow, run
- deseNCIELAR** *vtr* [Col] to extract ore that remains between two adits
- deseNCOFRADO** *nm* removal of timbering from a mine
- deseNCOFRAR** *vtr* to remove timbering from a mine
- deseScomBRAR** *vtr* to muck
- deseScombro** *nm* mucking
- deseFILADERO** *nm* gorge, narrow pass, defile
- deseGARRAMIENTO** *nm* tear, disjunction | [Vz] shattering, breaking up
- deseGARRE** *nm* rift
- deseGASIFICACIÓN** *nf* degassing
- deseGASTAR** *vtr* to abrade, erode, wear away | to corrode
- deseGASTE** *nm* abrasion, erosion, wearing away | corrosion
- deseHELARSE** *vpr* to melt, thaw (ice in a river)
- deseHIELO** *nm* thaw
- deseHIELO** *nm* thawing, melting | ablation
- deseIERTO** *nm* desert | *d. de arena* sand desert | *d. de piedra* rock desert | *d. frío* cold desert | *d. salino* salt desert
- deseIGUAL** *adj* uneven
- deseIGUALIDAD** *nf* inequality
- deseILIFICACIÓN** *nf* desilification
- deseILIFICAR** *vtr* desilicify
- deseIMANACIÓN** or **deseIMANTACIÓN** *nf* demagnetization
- deseIMANAR** or **deseIMANTAR** *vtr* to demagnetize
- deseINTEGRACIÓN** *nf* desintegration, decay | *d. espontánea* spontaneous fission | *d. radioactiva* radioactive or atomic decay
- deseLAVA** *nm* erosion | alluvium
- deseLAVABLE** *adj* erodible
- deseLAVAR** *vtr* to erode
- deseLEIR** *vtr* to dissolve | to dilute | *vpr* to dissolve | to be diluted
- deseLEIDURA** *nf* dissolving | dilution
- deseLEIMIENTO** *nm* dissolving | dilution
- deseLINDADOR** *nm* land surveyor
- deseLINDAMIENTO** *nm* delimitation, demarcation, marking of boundaries
- deseLINDAR** *vtr* to mark the boundaries of, delimit, demarcate, survey
- deseLINDA** *nm* demarcation
- deseLIZ** *nf* landslide
- deseLIZAMIENTO** *nm* landslide, slide | slip | *d. de faldeo* landslide | *d. de terreno* landslide | *d. laminar afin* affine laminar slip | *d. lento* slow slide | *d. total* net slip
- deseLIZARSE** *vpr* to run, flow | to slip, slide, glide
- deseMAGNETIZACIÓN** *nf* demagnetization
- deseMAGNETIZAR** *vtr* to demagnetize
- deseMENEZABLE** *adj* friable | unstable
- deseMINERALIZACIÓN** *nf* demineralize
- deseMINERALIZAR** *vtr* to demineralize
- deseMONTAR** *vtr* to strip away overburden
- deseMONTE** *nm* overburden | waste rock | levelled ground | rubble, excavated soil | excavation | *deseMontes de cantera* [Ch] quarry refuse
- deseMORONAMIENTO** *nm* erosion of river banks, etc. | landslide
- deseMUESTRE** *nm* coring, core sampling
- deseNITRAR** *vtr* to denitrate
- deseNITRIFICACIÓN** *nf* denitrification
- deseNITRIFICAR** *vtr* to denitrify
- deseNIVEL** *nm* unevenness of ground | slope, gradient | difference in height
- deseNIVELADO,-da** *adj* sloping
- desePAJAR** *vtr* [Méx] to concentrate ores
- desePAJE** *nm* [Méx] mill tailings
- desePEGUE** *nm* detachment, décollement
- desePEÑADERO,-ra** *adj* steep, precipitous | *nm* steep face, precipice, cliff
- desePERDICIO** *nm* waste | spoil
- desePILADO,-da** *adj* robbed of pillars
- desePILAR** *vtr* to rob pillars
- desePILANAMIENTO** *nm* robbing of pillars
- desePINTA** *nf* [Ch] silver ore assaying less than 50 *diezmilésimos* in grade | [Arg] poorest grade ores, rich in pyrite
- desePLAZADO,-da** *adj* displaced
- desePLAZAMIENTO** *nm* displacement | slip | *d. aparente* apparent displacement or separation | *d. por fase miscible* miscible drive
- desePLAZAR** *vtr* to displace
- desePLIEGUE** *nm* deployment | *d. en cruz* cross spread

- desplome** *nm* collapse | *d. de montaña* rockfall
- despojo** *nm* [Bol] debris | [Col] extraction, as from a mine
- desprender de** *vtr* to separate from
- desprendimiento** *nm* landslide
- desprovisito,-ta** *adj* devoid
- despueble** *adj* abandonment (mines) | *nm* abandonment of a mine
- despuntador** *nm* pick, pickaxe (miner's)
- desquebrajado,-da** *adj* cracked, split
- desquebrajar** *vtr* to crack, split
- destaje** or **destajo** *nm* [Bol] contract work, tutwork | [Pe] open cut
- destilación** *nf* distillation | *d. al vacío* vacuum distillation
- destilado** *nm* distillate
- desvenar** *vtr* to extract ore from a vein or mine
- desviación** *nf* deviation, departure, deflection | *d. del pozo* side tracking | *d. media* mean deviation
- desviarse** *vpr* to deviate, deflect, depart from | to branch off
- desvío** *nm* wandering (of a river) | vein which meets another, follows it for a short distance and then resumes its normal course
- desviómetro** *nm* driftmeter
- desvitrificación** *nf* devitrification
- desvitrificar** *vtr* to devitrify
- desvolcanarse** *vpr* [Col] to be covered by a lahar or mudslide | to collapse | to be destroyed
- deszafrar** *vtr* to carry away waste from a mine
- desviación** *nf* deflection
- detector** *nm* detector | *d. de agua* divining rod | *d. de gas* gas explorer
- deteriorización** *nf* deterioration
- deterioro** *nm* deterioration
- detrítico,-ca** *adj* detritic
- detrito** *nm* detritus | *d. aluvial* alluvium
- deuterico,-ca** *adj* deuteritic
- deuterio** *nm* deuterium
- devoniano,-na** *adj* Devonian
- devónico,-ca** *adj* Devonian
- dextroso,-sa** *adj* dextral
- deyección** *nf* ejection of volcanic material | ejecta | debris
- diabasa** *nf* diabase
- diabásico,-ca** *adj* diabasic
- diaclasa** *nf* joint | *d. de buzamiento* dip joint | *d. de cizalla* shear joint | *d. de contracción* joint of retreat | *d. de cortante* shear joint | *d. de dirección* strike joint | *d. de estratificación* bedding joint | *d. de inclinación* dip joint | *d. de rumbo* strike joint | *d. de tensión* tension joint | *d. de tracción* tension joint | *d. diagonal* oblique joint | *d. oblicua* oblique joint
- diacclado,-da** *adj* jointed, jointy
- diacclado** *nm* jointing | *d. angular* angular jointing
- diacclasamiento** *nm* jointing
- diafanidad** *nf* transparency
- diaforesis** *nm* diaforesis
- diagénesis** *nf* diagenesis | induration
- diagrafía** *nf* logging | *d. de amplitud* amplitude log | *d. de densidad* density log
- diagrama** *nm* diagram | *d. de barras* bar diagram | *d. de fases* phase diagram | *d. de pozo* well log | *d. de proximidad* proximity log | *d. de sectores* pie diagram
- dialaga** *nf* diagraphite
- diamagnético,-ca** *adj* diamagnetic
- diamantado,-da** *adj* diamond-like, diamond
- diamante** *nm* diamond | *d. brillante* brilliant diamond | *d. bruto* rough diamond | *d. en bruto* rough diamond | *d. falso* fake diamond | *d. negro* bort | *d. rebolludo* round rough diamond | *d. rosa* rose diamond | *d. tabla* table diamond | *d. tallado* cut diamond
- diamantífero,-ra** *adj* diamond-bearing, diamond-yielding, diamantiferous
- diamantino,-na** *adj* diamond, diamond-like | *nm* [Guanajuato, Méx] veinstone formed of hornfels and crystalline feldspar
- diamantista** *nm* diamond cutter | diamond merchant
- diapiro** *nm* diapir | *d. salino* salt dome
- diario** *nm* logbook | *d. de sondeo* drilling journal or record
- diaspora** *nf* diaspore
- diasporo** *nm* diaspore
- diasquística** *nf* dischistic, differentiated
- diasquisto** *nm* dischistic rock, differentiated dike rock
- diastrofismo** *nm* diastrophism
- diastroma** *nf* diastrophism
- diatomáceo,-cea** *adj* diatomaceous
- diatomea** *nf* diatom
- diatrema** *nf* diatrema | maar | *d. de explosión* diatrema
- dicroita** *nf* dichroite
- dicroísmo** *nm* dichroism
- dicroita** *nf* cordierite
- diedro,-ra** *adj* dihedral | *nm* dihedron
- dientes de perro** *nmpl* scalenohedral calcite
- diestro,-ra** *adj* dextral

- diezmilésimo** *nm* [Ch] 0.0001 grams of metal in 10 grams of ore
- diezmo** *nm* a tax of one tenth the value of metal or mineral produced
- diferencia** *nf* difference | *d. de latitud norte* northing | *d. de latitud sur* southing | *d. en longitud* meridian distance | *d. en nivel* fall, difference in level | *d. media* mean difference
- diferenciación** *nf* differentiation | *d. magmática* magmatic differentiation
- diferencial** *adj* differential
- difluencia** *nf* diffluence
- difracción** *nf* diffraction
- difractar** *vtr* to diffract
- difractivo,-va** *adj* diffractive
- difractómetro** *nm* diffractometer
- difrangente** *adj* diffractive
- difundido,-da** *adj* diffuse
- difusión** *nf* diffusion | scattering
- digestión** *nf* assimilation
- digitación** *nf* fingering
- digitado,-da** *adj* digitate, digitated
- dígito** *nm* digit
- dilatación** *nf* dilation
- dilatado,-da** *adj* dilated
- dilatar** *vtr* to dilate
- dilución** *nf* dilution
- diluido,-da** *adj* dilute
- diluir** *vtr* to dilute
- diluvio** *nm* flood, deluge
- diluvión** *nm* diluvium
- dimanar** *vintr* to flow, run
- dinámico,-ca** *adj* dynamic | *nf* dynamics
- dinamometamorfismo** *nm* dynamic metamorphism
- dinamitación** *nf* well shooting
- dineral** *nm* weight of gold of 24 *quilates* or 96 *granos* | weight of silver of 12 *dineros* or 298 *granos*
- dínero** *nm* twelfth part of a *dineral*
- dinosaurio** *nm* dinosaur
- diodo** *nm* diode
- dionisia** *nf* bloodstone (*var* of jasper) | specularite
- diópsida** *nf* diopside
- diópsido** *nm* diopside
- dióptasa** *nf* dioptase
- diorita** *nf* diorite | *d. compacta* aphanite | *d. esquistosa* greenstone
- diorítico,-ca** *adj* dioritic
- dióxido** *nm* dioxide | *d. de silicio* silicon dioxide, quartz
- dipirámide** *nm* bipyramid
- dipolo** *nm* dipole
- dique** *nm* dike | *d. anular* ring dike
- dirección** *nf* strike | trend | *d. local* local strike | *d. media* average strike | *d. principal* principal strike
- dirigirse** *vpr* to strike or trend
- disco** *nm* disc
- discoidal** *adj* disc-shaped
- disconformidad** *nf* disconformity
- discontinuidad** *nf* discontinuity
- discontinuo,-nua** *adj* discontinuous
- discordancia** *nf* unconformity | *d. angular* angular unconformity | *d. de erosión* erosional unconformity | *d. de plegamiento* | *d. paralela* disconformity
- discordante** *adj* discordant
- disfrutar** *vtr* to work, exploit or profit from a mine, vein, etc.
- disfrute** *nm* working or exploitation of a mine, vein, etc.
- disgregación** *nf* disintegration | breaking up
- disgregante** *adj* disintegrating
- disgregar** *vtr* to disintegrate
- disimetría** *nf* dissymmetry
- dislocación** *nf* dislocation, throw or a fault | fault | *d. ascendente* upthrow | *d. circular* fault pit | *d. descendente* downthrow | *d. longitudinal* strike-slip fault | *d. periférica* circular fault | *d. rumbeante* strike-slip fault | *d. transversal* cross fault | *d. vertical* vertical fault
- dislocado,-da** *adj* displaced, faulted, disrupted
- dislocar** *vtr* to displace, fault
- disminución** *nf* decrease
- disminuir** *vtr* to decrease
- disolubilidad** *nf* solubility
- disoluble** *adj* soluble
- disolución** *nf* solution
- disolvente** *nm* solvent
- disolver** *vtr* to dissolve
- dispersarse** *vpr* to die out (as for a vein)
- dispersión** *nf* dispersion | *d. de la capa* irregular surface on a bed
- disponerse en** *vpr* to be found, occur
- disposición** *nf* arrangement | bedding | *d. alternante* alternation of beds | *d. concordante* conformable bedding | *d. discordante* unconformity
- dispositivo** *nm* layout | *d. de tiro* shot pattern | *d. simétrico* split spread
- distancia** *nf* distance | *d. horizontal de afloramientos* normal horizontal separation

- distena** *nf* disthene
- distensión** *nf* distension, extension
- distribución** *nf* distribution | *d. cesurada* censored distribution | *d. compuesta* mixture distribution | *d. condicional* conditional distribution | *d. de frecuencia* frequency distribution | *d. de la muestra* sample distribution | *d. ligada* conditional distribution | *d. marginal* marginal distribution | *d. observada* observed distribution | *d. simétrica* symmetric distribution | *d. truncada* truncated distribution
- distrito** *nm* district | *d. minero* mining district
- disuelto,-ta** *adj* dissolved
- disyunción** *nf* fracture | jointing | *d. de rocas* jointing | *d. prismática* columnar jointing | *d. tabular* tabular jointing
- divergencia** *nf* divergence
- divergente** *adj* divergent | *nm* divergent
- división** *nf* joint
- divisoria** *nf* divide | *d. de vertientes* watershed
- divorcio de las aguas** *nm* divide, ridge
- dócil** *adj* free-milling, easily treated
- dodecaedro** *nm* dodecahedron
- dodecaetileno** *nm* dodecatylene
- dodecano** *nm* dodecane
- dolina** *nf* doline
- dolomía** *nf* dolostone
- dolomítico,-ca** *adj* dolomitic
- dolomitizar** *vtr* to dolomitize
- domeriano,-na** *adj* Domerian
- Domeriense** *nm* Domerian
- dominio** *nm* domain | *d. minero* mining area
- domo** *nm* dome | *d. de sal* salt dome | *d. salino* salt dome or plug | *d. volcánico* volcanic dome
- dorado,-da** *adj* golden | *nm* [Michoacan, Méx] chalcopyrite-bearing copper ore
- dorsal oceánica** *nf* mid-oceanic ridge
- dosificación** *nf* titration
- dosís** *nf* proportion (chemicals)
- downtoniano,-na** *adj* Downtonian
- downtoniense** *adj* Downtonian
- draga** *nf* dredge, dredger, dredging machine
- dragado** *nm* dredging
- dragador,-dora** *adj* dredging | *nm* dredger, dredge
- dragaje** *nm* dredging
- dragalina** *nf* [Sp] dragline
- dragalínea** *nf* [Méx] dragline
- dragar** *vtr* to dredge
- drenaje** *nm* drainage | *d. efectivo* net drainage | *d. por expansión* depletion drive drainage | *d. por expansión de gas* gas cap drive | *d. por expansión de gas libre* gas cap drive | *d. por gravedad* gravity drainage
- drusa** *nf* druse | drusy cavity or vug | *en d.* drusy
- dúctil** *adj* ductile
- ductilidad** *nf* ductility
- duna** *nf* dune | *d. continental* | *d. costera* coastal dune | *d. de playa* coastal dune | *d. descendente* falling dune | *d. falciforme* barchan dune | *d. longitudinal* longitudinal dune | *d. parabólica* parabolic dune | *d. seif* seif dune | *d. d. transversal* transverse dune *trepadora* climbing dune
- dureza** *nf* hardness | *d. del agua* water hardness
- duro,-ra** *adj* hard
- duro** *nm* [Asientos, Méx] hard copper ores with quartz gangue

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- eclímetro** *nm* clinometer
- econométero** *nm* econometer
- ecosonda** *nf* echo sounder
- ecuación** *nf* equation
- ecuador** *nm* equator | *e. magnético* aclinic line | *e. terrestre* earth's equator
- ecuatorial** *adj* equatorial
- echado,-da** *adj* inclined | *nm* [Méx] dip, inclination
- edad** *nf* age | *e. de hielo* ice age | *e. glacial* ice age
- edafología** *nf* pedology
- efecto** *nm* effect | *e. de perforación* borehole effect
- eficacia** *nf* efficiency | *e. de barrido* sweep efficiency
- eflorescencia** *nf* efflorescence | [Pe] outcrop
- efluente** *nm* effluent, outflow
- efusión** *nf* eruption, extrusion
- efusivo,-va** *adj* extrusive
- egirina** *nf* aegirite, aegirine
- egirita** *nf* aegirite
- eifeliano,-na** *adj* Eifelian
- eifeliense** *adj* Eifelian
- einstenio** *nm* einsteinium
- eje** *nm* axis | *e. anticlinal* anticlinal axis | *e. cinemático de simetría* kinematic symmetry | *e. cristalográfico* crystallographic axis | *e. de plegamiento* fold axis | *e. de simetría* axis of symmetry | *e. de simetría del pliegue* fold symmetry axis | *e. de simetría estructural* fabric symmetry axis | *e. de simetría para plegamiento* fold symmetry axis | *e. principal de deformación* principal strain axis | *e. sísmico* seismic axis | *e. tecto-textural de simetría* fabric symmetry axis
- elasticidad** *nf* elasticity
- elástico,-ca** *adj* elastic
- elaterómetro** *nm* elaterometer
- electro** *nm* amber | electrum
- electrodo** *nm* electrode
- electrólito** *nm* electrolyte
- electrolización** *nf* electrolysis
- electromagnético,-ca** *adj* electromagnetic
- electroquímico,-ca** *adj* electrochemical
- elemento** *nm* element | *e. mineral* | *e. trazo* trace element
- eleolita** *nf* nepheline
- elevación** *nf* elevation, height | rise in the ground, hill
- elipsoidal** *adj* ellipsoidal
- elipsoide** *nm* ellipsoid | *e. biaxial* biaxial ellipsoid | *e. de referencia* reference ellipsoid | *e. óptico* optical ellipsoid | *e. uniaxial* uniaxial ellipsoid
- elíptico,-ca** *adj* elliptical, elliptic
- eluvación** *nf* eluviation
- eluvión** *nf* eluvium, talus
- embacarse la veta** *vpr* to lose a vein
- embalse** *nm* pondage
- emanación** *nf* exhalation, emanation
- embije** or **embijete** *nm* [Méx] thin coating of mineral on a joint
- embocadura** *nf* entrance
- embudiforme** *adj* funnel-shaped
- embudo** *nm* funnel | doline | *e. de ablación* ablation funnel | *e. de explosión* maar
- emerger** *vintr* to project, jut out | to emerge
- emisión** *nf* emission
- emorrascamiento** *nm* [Méx] depletion of ore
- emorrascarse** *vpr* [Méx] to lose sight of ore
- embozado** *nm* [Méx] blind rich ore
- embudo** *nm* sink hole
- emisor** *nm* transmitter, emitter | *e. de ultrasonidos* pinger
- emjambre de diques** *adj* dike swarm
- empalmar** *vtr* to join, as for veins, etc.
- empanizado,-da** *adj* [Cochas, Pe] altered, decomposed
- empinado,-da** *adj* steep
- emplazamiento** *nm* emplacement
- emplazar** *vtr* to emplace
- empobrecido,-da** *adj* impoverished, depleted
- empobrecimiento** *nm* depletion of ore | impoverishment
- empresa** *nf* company, firm, enterprise
- empuje** *nm* pressure | drive | *e. hidrostático* water drive | *e. horizontal* horizontal pressure | *e. tangencial* tangential pressure | *e. vertical* vertical pressure
- emscheriano,-na** *adj* Emscherian
- emscheriense** *nm* Emscherian
- emsiano,-na** *adj* Emsian
- emsiense** *nm* Emsian
- enantimorfo,-fa** *adj* enantimorphous
- enarenamiento** *nf* sanding
- enarenar** *vtr* to mix ore with sand | to cover with sand
- encajetado** *nm* [Hualgáyoc, Pe] oxidized silver ore
- encañada** *nf* [Bol] canyon
- encapado,-da** *adj* cloaked, coated, encased | blind, concealed

- encape** *nm* [Bol] overburden
encenagamiento *nm* [Arg] mud deposit
encontrar *vtr* to open up a vein along strike or in the direction of dip
enclave *nm* inclusion
encontrar *vtr* to meet, as for veins, etc.
encorvado,-da *adj* crooked
encorvamiento *nm* warping
encrespadura *nf* ripplemark
encuentro *nm* meeting of two veins
endicamiento *nm* impounding
enlace *nm* bond, tie | *e. atómico* atomic bond
endentado,-da *adj* serrate
endlíquita *nf* endlichite
endógeno,-na *adj* endogenous
energía *nf* energy | *e. nuclear* nuclear energy
enganchado,-da *adj* [Pe] contracted to pay off a debt
enganchador *nm* [Pe] mine worker serving under debt peonage
enganchadora *nf* [Pe] mine labor contractor
enganche *nm* [Pe] debt servitude, generally to pay off debts owed to the company store
enigmatita *nf* aenigmite
enlazamiento *nm* connection, link
enriquecerse *vpr* to come upon higher grade ores
enriquecimiento *nm* enrichment of veins | *e. secundario* secondary enrichment
enrollado,-da *adj* convoluted
ensanchado,-da *adj* widening, flaring
ensanche *nm* widening | *e. de un filón* swelling or bunching of a lode
ensanchamiento *nm* widening
ensayar *vtr* to assay
ensaye *nm* assay
ensayo *nm* assay | test | *e. de capas* drill stem test
ensenada *nf* bay
ensiforme *adj* bladed
entalpía *nf* enthalpy
enterrado,-da *adj* buried
entierro *nm* burial
entrada *nf* entrance to a mine | recess
entrar *vintr* to empty | *e. tajo* or *tonga* [Col] to drain a mine or placer working
entrecrecer *vtr* to intergrow
entrecrecido,-da *adj* intergrown
entrecrecimiento *nm* intergrowth
entrelaminado,-da *adj* interbedded
entremontaña *nf* intermountain, median mass, intermontane area, intermediate massif
entreverado,-da *adj* stockwork
entropía *nf* entropy
eocambriano,-na *adj* Eocambrian
eocámbrico,-ca *adj* Eocambrian
eoceno,-na *adj* Eocene | *nm* Eocene
eocénico,-ca *adj* Eocene
eólico,-ca *adj* aeolian
eón *nm* aeon
eopaleozoico *nm* Eopaleozoic
ezoico,-ca *adj* Proterozoic
epicentro *nm* epicenter
epidoto *nm* epidote | *e. calizo* zoisite | *e. manganésico* piedmontite
epigenético,-ca *adj* epigenetic
epipelágico,-ca *adj* epipelagic
epiroca *nf* epirock
epirogénesis *nf* epeirogenesis, epeirogeny
epirogenético,-ca *adj* epeirogenetic
epirogenia *nf* epeirogenesis, epeirogeny
epirogénico,-ca *adj* epeirogenic
epizona *nf* epizone | *de la e.* epizonal
época *nf* epoch | *é fría* ice age | *é geológica* era | *é metalogénica* metallogenic epoch
equilibrio *nm* equilibrium | material balance
equipo *nm* shift | rig | gear | *e. perforador* drilling rig
equivalente *adj* equivalent
era *nf* era | salt water pond formed by evaporation | *e. geológica* era
ergio *nm* erg
erguimiento *nm* uplift
eritrina *nf* erythrite
erodado,-da *adj* eroded
erosión *nf* erosion | *e. fluvial* fluvial erosion | *e. glacial* glacial erosion | *e. mecánico* mechanical erosion | *e. profunda* deep erosion | *e. regresiva* retrogressive erosion | *e. químico* chemical erosion | *e. vertical* downcutting
erosionado,-da *adj* eroded
errático,-ca *adj* erratic
error *nm* error | *e. cuadrático medio* mean square error | *e. de medida* measurement error | *e. de muestro* sampling error | *e. de observación* observational error | *e. medio* mean error
erubescita *nf* bornite
erupción *adj* eruption | blow-out (of a well) | *e. de flanco* flank eruption
eruptivo,-va *adj* eruptive, volcanic
esarcha *nf* [Pe] native sulphur
escala *nf* scale | *e. de dureza* hardness scale (Moh's) | *e. Rankine* Rankine scale
escalenoédrico,-ca *adj* scalenohedral

escalenoedro *nm* scalenohedron
escalón *nm* step | stope | *e. de circo* cirque | *e. de confluencia* confluence step | *e. de banco* underhand stope | *e. de cielo* overhand stope | *e. de denudación* erosion scarp | *e. de falla* fault scarp | *e. de fractura* fault scarp | *e. marginal* marginal step
escalonamiento *nm* stepping
escama *nf* slice, flake | scale
escamiforme *adj* scale-like
escamosiones *nfp* incrustations, scale
escamoso,-sa *adj* scaly, platy
escapolita *nf* scapolite
escarapela *nf* rosette
escarcha *nf* [Pe] native silver
escarpa *nf* escarpment, scarp | *e. de fractura* fault scarp | *e. de piamonte* scarplet
escarpado,-da *adj* steep
escarpar *vtr* to scarp, slope
escarpe *nm* scarp, escarpment | *e. de falla* fault scarp
escarpita *nf* scarplet
escaso,-sa *adj* rare, infrequent
escintilómetro *nm* scintillometer | *e. aéreo* airborne scintillometer
escoger a mano *vtr* to hand sort (ores)
escollera *nf* cliff
escollo *nm* shoal, reef
escombrera *nf* debris | waste heap
escombro *nm* waste rock | detritus, talus | overburden on placers | *e. glacial* drift
escopetar *vtr* to work a gold mine
escoria *nf* scoria | slag | dross
escorial *nm* slag heap | deposit of volcanic ash | lava bed
escota *nf* miner's pick
escudo *nm* shield | *e. continental* continental shield
escurrente *adj* exhalant, effluent
escurrimiento *nm* draining, runoff | *e. superficial* surface runoff
escurrirse *vpr* to run off
esfalerita *nf* sphalerite
esfena *nf* sphene
esfeno *nm* sphene
esfenolita *nf* sphenolith
esfera *nf* sphere
esferal *adj* spherical
esférico,-ca *adj* spherical
esferoidal *adj* spheroidal
esferoide *nm* spheroid | *e. intraformacional* convolitional ball | *e. lacustre* lake ball

esferolítico,-ca *adj* spherulitic
esferolito *nm* spherulite
esferosiderita *nf* sphaerosiderite
esfuerzo *nm* stress
eslamosa *nf* nagyagite
esmaltina *nf* smaltite
esmaltita *nf* smaltite
esmanil *nm* sphalerite
esmeralda *nf* emerald | *e. oriental* corundum
esmeril *nm* emory | [Méx] arsenopyrite
esmitsonita *nf* smithsonite
espacio *nm* spacing
espalto *nm* spalt, fluorspar flux
esparnaciano,-na *adj* Sparnacian
esparnaciense *nm* Sparnacian
espático,-ca *adj* spathic
espato *nm* spar | *e. adamantino* corundum | *e. amargo* magnesite | *e. azul* blue fluorspar | lazulite | *e. bruno* brown dolomite, magnesite | *e. calcáreo* calcite | *e. cálcico* calcite | *e. calizo* calcite | *e. de cal* calcite | *e. de cinc* smithsonite | *e. (de) flúor* fluorspar, fluorite | *e. de hierro* siderite | *e. de Islandia* Iceland spar | *e. de itrio* xenotime | *e. de manganeso* rhodochrosite, rhodonite or dialogite | *e. en tablas* wollastonite | *e. ferrífero* siderite | *e. fétido* bituminous fluorite | *e. fluor* fluorspar, blue fluorspar | *e. lustroso* satin spar (calcite or gypsum) | *e. manganeso* dialogite | *e. pardo* brown dolomite, magnesite | *e. pesado* barite | *e. romboidal* dolomite | *e. satinado* fibrous gypsum
especie *nm* species | *e. tipo* type species
espécimen *nm* specimen
especular *adj* specular
espejado *nm* [Pe] galena
espejo *nm* [Col] slickenside | *e. de falla* slickenside | *e. de fricción* slickenside
espejuelo *nm* mica | transparent talc | [Ch] fine-grained, transparent selenite or gypsum | [Ch] calcite | [Real de Monte, Méx] galena and sphalerite crystals generally poor in silver | [Pe] lead carbonate | [Hualgáyoc, Pe] barite
espeleología *nf* speleology
esperanza *nf* expectation | *e. matemática* mathematical expectation
esperkisa *nf* spear pyrite (*var* of marcasite)
espesartina *nf* spessartite
espesartita *nf* spessartite
espeso,-sa *adj* thick, dense
espesor *nm* thickness of a bed, vein, etc.
espesura *nf* density, thickness
espiga *nf* bay bar

- espilita** *nf* spilitite
espinela *nf* spinel | *e. cincífera* gahnite, franklinite | *e. cromífera* picotite
espinélido *nm* spinellide
espodito *nm* whitish volcanic ash
espodumena *nf* spodumene
esponja *nf* stockwork of veins | [Méx] spongy bullion
espuma *nf* meerschäum | gossan | magnesia | *e. de mar* sepiolite | *e. de nitro* surface crust of nitrate on salt flats
esqueletal *adj* skeletal
esquema *nf* sketch | classification | *e. Lahee* Lahee classification of exploratory wells
esquist *nm* shale, schist, slate | *e. anfíbolítico* amphibole schist | *e. arcilloso* underclay | *e. bituminoso* oil shale | *e. carbonoso* coal shale | *e. clorítico* chlorite schist, greenschist | *e. combustible* oil shale | *e. córneo* hornslate | *e. de anfíbolita* amphibolite schist | *e. de barro* mudstone | *e. divisorio* dividing slate | *e. micáceo* micaceous schist | *e. noduloso* spotted slate or schist | *e. paralelo* bedding schistosity | *e. petrolífero* oil shale | *e. talcoso* talc schist
esquistoido *nm* schistoid
esquistosidad *nf* schistosity | cleavage, induced cleavage, rock cleavage | *e. astillosa* pencil cleavage | *e. de crenulación* crenulation cleavage | *e. en abanico* cleavage fan | *e. en pizarín* pencil cleavage | *e. espaciada* spaced cleavage | *e. transversal* slaty cleavage
esquistoso,-sa *adj* schistose
essonita *nf* hessonite
estabilidad *nf* stability | *e. química* chemical stability
estabilización *nf* stabilization
estable *adj* stable
estación *nf* season | station | *e. gravimétrica* gravity station
estacional *adj* seasonal
estadal *nm* land measure of 4 varas | [Méx] level rod | *e. cuadrado* 16 square varas
estadia *nf* stadia
estadio *nm* furlong
estadística *nf* statistics | *e. de orden* order statistics
estadístico,-ca *adj* statistical | *nm* statistic
estado *nm* state | stage
estaffordiano,-na *adj* Stafforidian
estaffordense *adj* Stafforidian
estalactita *nf* stalactite
estalagmita *nf* stalagmite
estampiano,-na *adj* Stampian
estampiense *adj* Stampian
estanequita *nf* stannekite
estanina *nf* stannite
estannita *nf* stannite
estanos,-sa *adj* stannous
estanque *nm* pool | *e. de petróleo* oil pool | *e. para colas* tailings pond
estañífero,-ra *adj* stanniferous, tin-bearing
estañina *nf* stannite
estaño *nm* tin | tin ore | tin concentrate | *e. acarreo* placer tin | *e. de aluvión* placer tin | *e. de arroyo* placer tin | *e. de cornuallis* cassiterite | *e. de escoria* tin slag | *e. de madera* wood tin | *e. de placeres* placer tin | *e. en grano* placer tin | *e. leñoso* wood tin | *e. piritoso* stannite | *e. vidrioso* cassiterite | *e. xiloide* wood tin
estañoso,-sa *adj* stannous
estaurolita *nf* staurolite
esteatita *nf* steatite, soapstone
estefaniano,-na *adj* Stephanian
estefaniense *nm* Stephanian
estefanita *nf* stephanite
estelión *nf* olivine dolerite, toadstone
estelón *nm* olivine dolerite, toadstone
estereograma *nf* stereogram
estepa *nf* steppe
esteril *adj* barren, sterile, devoid of mineralization | dry (wells) | *nm* waste, waste rock
esteril *nm* gangue | unmineralized or barren rock
estero *nm* estuary, inlet | [Arg, Méx] swamp | [Bol, Ch] creek | [Vz] pond
estiaje *nm* low water mark
estibina *nf* stibnite
estibnita *nf* stibnite
estilbita *nf* stilbite
estilo *nm* style | *e. tectónico* tectonic style
estilotito *nm* stylolite
estimación *nf* estimation | *e. por el método de Bayes* Bayesian estimation | *e. por el método de los mínimos cuadrados* least-squares estimation | *e. por el método de momentos* moment estimation | *e. por intervalo* interval estimation | *e. por la máxima verosimilitud* maximum-likelihood estimation | *e. por regresión* estimation by regression | *e. puntual* point estimation
estimador *nm* estimator | *e. convergente* consistent estimator | *e. exhaustivo* complete estimator | *e. sesgado* biased estimator | *e. sin sesgo* unbiased estimator

estimarse *vpr* to be taken to be, appear to be, suggest to be
estiramiento *nm* stretching
estoraque *nm* [Guerrero, Méx] sphalerite
estrangulación *nf* narrowing of a vein, etc.
estrangulamiento *nm* narrowing of a vein, etc.
estratificación *nf* stratification, bedding | bedding cleavage | *e. cruzada* cross-bedding | *e. diagonal* cross-bedding | *e. entrecruzada* cross-bedding | *e. graduada* graded bedding | *e. gradual* graded bedding | *e. inclinada* inclined bedding | *e. inclinada inversa* backset bedding | *e. intraplegada* convolute bedding, slip bedding | *e. lenticular* lenticular bedding | *e. masiva* massive bedding | *e. nodular* nodular bedding | *e. ondulada* wavy bedding | *e. ondulítica* ripple bedding | *e. rizada* crinkle bedding, ripple bedding | *e. seleccionada* sorted bedding
estratificado,-da *adj* stratified
estratificar *vtr* to deposit, stratify
estratiforme *nm* stratiform
estratigrafía *nf* stratigraphy
estratígrafo,-fa *nm/ff* stratigrapher
estratigráfico,-ca *adj* stratigraphic
estrato *nm* stratum, bed, layer | *e. anual* varve | *e. concordante* concordant bed | *e. conforme* conformal bed | *e. de cobertura* cap rock | *e. cruzante* crossbed | *e. discordante* discordant bed | *e. guijoso* gravel layer | *e. índice* key bed
estrechamiento *nm* thinning or pinching of a vein, etc.
estrecharse *vpr* to thin or become narrow
estrechez *nf* narrowness | gap, pass
estrecho *nm* straight
estrechón *nm* narrowness
estrechura *nf* narrowness | narrows, gap, pass
estrellarse la veta *vpr* [Pe] to thin out, peter out (vein), especially by passing into disseminated ore
estría *nf* striation, stria | groove | *e. glacial* glacial stria
estriación *nf* striation
estriado,-da *adj* striate
estriadura *nf* striation
estriar *vtr* to sort ore
estribación *nf* spur | *nfppl* foothills
estringa *nf* [Méx] stringer
estroncianita *nf* strontianite
estroncio *nm* strontium
estructura *nf* structure | texture | *e. almohadillada* ball-and-pillow structure, mullion

structure | *e. amigdaloides* amygdaloidal structure | *e. bandeada* banded structure | *e. cataclástica* cataclastic structure | *e. concreccionada* concretionary structure | *e. de despegue* décollement structure | *e. de muñon* mullion structure | *e. en lascas* flaggy structure | *e. fluidal* fluid structure | *e. microscópica* microtexture | *e. moniliforme* boudinage | *e. ojival* ogive | *e. sedimentaria* sedimentary structure
estructural *adj* structural
estruniano,-na *adj* Strunian
estruniense *nm* Strunian
estuarino,-na *adj* estuarine
estuario *nm* estuary, inlet
estudio *nm* study | *e. catastral* cadastral survey
etapa *nf* stage
etiqueta *nf* tag (for samples)
eugeosinclinal *nm* eugeosyncline
euهدral *adj* euهدral
euهدrico,-ca *adj* euهدral
eupelágico,-ca *adj* eupelagic
europio *nm* europium
eustasia *nf* eustasy
eustatismo *nm* eustasy
eutéctico,-ca *adj* eutectic
euxénico,-ca *adj* euxenic
evaporación *nf* evaporation
evaporita *nf* evaporite
evento *nm* event
evolución *nf* evolution
exactitud *nf* accuracy
exagonal *adj* hexagonal
exaración *nf* exaration
excavación *nf* excavation | *e. a cielo abierto* open pit | *e. de ensayo* test pit | *e. en escalones* stope | *e. en zanja* trench
excavador *adj* burrowing
exento *nm* free of | *e. de ácidos* acid free
exfoliación *nf* exfoliation | cleavage
exfoliar *vtr* to exfoliate
exhalación *nf* exhalation
exhalante *adj* exhalant
exhondación *nf* overdeepening
exhumación *nf* exhumation
exitela *nf* valentinite
exógeno,-na *adj* exogenous
exotérmico,-ca *adj* exothermic
exploración *nf* exploration
explorar *vtr* to explore
exploratorio,-ria *adj* exploratory

explosión *nf* explosion, blast | *e. de abanico* fan shooting

explotación *nf* mining, exploitation | *e. en descubierto* open-pit mining, stripping, strip mining | *e. por método minero* oil mining

explotar *vtr* to mine, exploit, work

extensión *nf* extension | area, areal extent | range, extent | *e. en acres* acreage | *e. estratigráfica* stratigraphic range

exterior *nm* exterior, outside | aboveground, surface at a mine

extinguido,-da *adj* extinct

extinguir *vintr* to become extinct

extinto,-ta *adj* extinct

extracción *nf* extraction, mining, production, recovery | sampling | *e. con reposición* sampling with replacement | *e. por gas* gas lift | *e. sin reposición* sampling without replacement | *e. vigorizada* enhanced recovery

extracto *nm* extract

extraíble *adj* minable

extrusivo,-va *adj* extrusive

exudación *nf* exudation

eyección *nf* ejecta, accidental | *e. juvenil* juvenil ejecta

ezteri *nm* bloodstone, a variety of jasper

F

fábrica *nf* fabric (petrographic) | *f. siderúrgica* iron works

faceta *nf* facet (of a gem)

facies *nfpl* facies | *f. abisal* abyssal facies | *f. continental* continental facies | *f. costera* coastal facies | *f. de agua dulce* freshwater facies | *f. eólica* aeolian facies | *f. fluvial* fluvial facies | *f. glacial* glacial facies | *f. lacustre* lacustrine facies | *f. litoral* coastal facies | *f. marina* marine facies | *f. metamórficas* metamorphic facies | *f. nerítica* neritic facies | *f. sedimentarias* sedimentary facies | *de f. facieologic, facieological*

facoidal *adj* lenticular

facolito *nm* phacolith, phacolite

factor *nm* factor | *f. común* common factor | *f. de contracción* shrinkage factor | *f. de escurrimiento* [Col] runoff coefficient | *f. de formación* formation resistivity factor | *f. de grupo* group factor | *f. específico* specific factor | *f. volumétrico* formation volume factor

faena *nf* work, labor, task | workings | [Bol, Pe] unpaid work (a type of corvée) | [Ch] work gang, shift | *f. mineral* mine workings

fahlbanda *nf* fahlband

faja *nf* belt or zone of rock, mineralization, etc | band of mineral in a vein | *f. petrolífera* petroleum zone

fajado *nm* prop (of mine timber)

fajeado,-da *adj* banded

falda *nf* slope, hillside | wing or leg of a saddle

falsificar el mineral *vtr* to salt (a mine)

falso,-sa *adj* false | *f. matriz* pseudo-matrix | *f. peña* false bedrock | *f. salto* false throw of a vein or fault

falla *nf* fault | *f. activa* active fault | *f. acostada* thrust fault | *f. antitética* antithetic fault | *f. casi vertical de desplazamiento horizontal* wrench fault | *f. conforme* conformable fault (to bedding) | *f. corriente* strike fault | *f. de altoempuje* upthrust fault | *f. de ascenso* normal fault | *f. de buzamiento* dip fault | *f. de cabalgamiento* overlap fault | *f. de descenso* reverse fault | *f. de desgarre* strike-slip fault | *f. de despegue* detachment fault | *f. de desplazamiento horizontal* strike-slip fault | *f. de desplazamiento oblicuo* oblique-slip fault | *f. de dirección* strike fault | *f. diagonal* inclined fault | *f. escalonada* step fault | *f. de estratificación* bedding-plane fault | *f. de gravedad* gravity fault, normal fault | *f. directa*

normal fault | *f. distributiva* step fault | *f. en escalera* step fault | *f. escalonada* step fault | *f. escarpada* [Méx] fault scarp | *f. falsa* pseudo-fault, horse | *f. girada* pivotal fault | *f. gravitacional* normal fault | *f. horizontal* strike-slip fault | *f. inversa* reverse fault | *f. inversa de bajo ángulo* thrust fault, overthrust | *f. lateral* lateral fault | *f. marginal* boundary fault | *f. normal* normal fault | *f. por empuje* thrust fault | *f. por empuje inferior* underthrust fault | *f. ramificada* branching fault | *f. rumbodeslizante* strike-slip fault | *f. según buzamiento* dip-slip fault | *f. simple* normal fault | *f. sinsedimentaria* synsedimentary fault | *f. transformante* transform fault | *f. transcurrente* strike slip fault | *f. transversal* dip fault

fallado,-da *adj* faulted

fallamiento *nm* faulting

fallar *vtr* to fault

fallo *nm* [Bol] fault deformation

fameniano,-na *adj* Famennian

fameniense *adj* Famennian

fanega *nf* [Méx] unit of land measure (about 8.8 acres)

fanegada *nf* unit of area equivalent to 576 *estadales* (about 6600 square meters) | unit of capacity of 225 to 555 liters

fanerítico,-ca *adj* phaneritic

fanerocrystalino,-na *adj* phaneritic

fanerómero,-ra *adj* phaneritic

fangal *nm* marsh, bog

fanglomerado *nm* fanglomerate

fango *nm* mud, slime, ooze | sludge | [Isla Carmén, Méx] layer of black, earthy salt | *f. de glaciación* glacial mud or silt | *f. mineral* slimes

fangoso,-sa *adj* muddy, silty

farallón *nm* [Bol] wallrock | [Pe] outcrop of a vein

farmacolita *nf* pharmacolite

farmacosiderita *nf* farmacosiderite

fase *nm* phase

faúnico,-ca *adj* faunal

faunístico,-ca *adj* faunal

faz *nf* front, face | *f. de laboreo* working face

feldespatíco,-ca *adj* feldspathic

feldespatio *nm* feldspar | *f. calizo* anorthite | *f. de cal* anorthite | *f. nacarado* or *opalado* adularia | *f. potásico* potash feldspar | *f. sódico* albite | *f. verde claro* amazon stone | *f. vítreo* sanidine

feldespatoide *nm* feldspathoid

felsico,-ca *adj* felsic

felsítico,-ca *adj* felsic, felsitic

- fémico,-ca** *adj* mafic, femic
fenacita *nf* phenakite
fenaquita *nf* phenakite
fenestra *nf* inlier, window
fenocristal *nm* phenocryst
fenómeno *nm* phenomena | *f. del carst* karst
 phenomena | *f. tectónico* tectonics
ferralítico,-ca *adj* ferralitic
ferrato *nm* ferrate
férreo,-rea *adj* ferrous, iron-bearing
ferrería *nf* iron works
ferrete *nm* copper sulphate
férico,-ca *adj* ferric
ferrífero,-ra *adj* iron-bearing
ferrito *nm* ferrite (salt)
ferromagnésico,-na *adj* ferromagnesian
ferromagnético,-ca *adj* ferromagnesian
ferromagnético,-ca *adj* ferromagnetic
ferromagnetismo *nm* ferromagnetism
ferromanganeso *nm* ferromanganese
ferrometeorito *nm* iron meteorite
ferroníquel *nm* ferronickel
ferroso,-sa *adj* ferrous
ferrugíneo,-nea *adj* ferruginous, iron-bearing
ferruginoso,-sa *adj* ferruginous, iron-bearing
fibra *nf* fiber | vein | [Parral, Méx] stockwork
 vein
fibrazón *nm* the whole of the veins in a deposit
 or mine
fibroso,-sa *adj* fibrous
ficha *nf* index card, filing card | record
fichar *vtr* to put on an index card | to file, index
fichero *nm* card index | records
fidelidad *nf* accuracy
fierro *nm* iron
fijo,-ja *adj* attached | *no f.* unattached
fila *nf* row
filada *nf* a variety of slate
filamento *nm* filament
filamentoso,-sa *adj* filamentous
filiforme *adj* thread-like
filita *nf* phyllite
filo *nm* ridge
filogenía *nf* phylogeny
filón *nm* vein, lode (generally large) |
 mineralized seam or bed | gold mine | dike |
 gangue | [Méx] small stringer or intersecting
 vein | *f. atravesado* cross vein | *f. brechoide*
 breccia vein | *f. capa* bedded vein | *f. ciego*
 blind lode | *f. clástico* clastic dike | *f. compuesto*
 compound vein | *f. cuneiforme* gash vein | *f. de*
carbón coal seam or measure | *f. de contacto*
 contact vein | *f. de cuña* gash vein | *f. de diaclasa*
 joint vein | *f. de roca* dike | *f. en escalera* or
escalonado stair-step vein | *f. en reticulado*
 stockwork | *f. en rosario* en echelon vein | *f.*
estratificado banded vein | *f. hidrotermal*
 hydrothermal vein | *f. inclinado* rake vein | *f.*
intrusivo igneous dike | *f. metalífero* or *mineral*
 mineralized vein | *f. principal* master vein,
 mother lode | *f. rocoso* dike | *f. sedimentario*
 sedimentary vein or dike | *f. simple* ordinary
 vein of simple structure | *f. sin afloramiento*
 blind vein | *f. sin crestón* blind vein | *f.*
transversal cross vein
filoniano,-na *adj* vein or dike-like
filonita *nf* phyllite-mylonite
filonización *nf* veining
filtración *nf* seep | *f. de petróleo* oil seep | *f. en*
frío cold pressing
filtrado,-da *adj* filtered | *nm* filtering
filtrador *nm* filter
filtrante *adj* filtering | porous
filtrar *vtr/intr* to filter | *vpr* to filter | to filtrate
filtro *nm* filter | *f. de entrada* input filter
fineza *nf* fineness
finiquito *nm* quitclaim
fino,-na *adj* fine | pure
fino *nm* [Asturias, Sp] screened coal up to 6 mm
 in size | *nmpl* fines
finura *nf* fineness
fiordo *nm* fjord, fiord
firme *adj* surface | fisible | fissile
firn *nm* firn
físico,-ca *adj* physical | *nm/nf* physicist
físicoquímico,-ca *adj* physiochemical | *nf*
 physical chemistry
físil *adj* fissile
fisilidad *nf* fissility
fisión *nf* fission
fisionable *adj* fissionable
fisografía *nf* physiography
fisura *nf* fissure
fisuración *nf* spalling
fisurarse *vpr* to crack
fitógeno,-na *adj* phytogenic
flabeliforme *adj* fan-shaped
flanco *nm* flank | limb (of a fold) | hillside
flaqueza *nf* [Pe] shaley structure
flecha *nf* deflection
flexibilidad *nf* flexibility
flexura *nf* flexure | flexure folding
filita *nf* phyllite
físico,-ca *adj* physical

- flogopita** *nf* phlogopite
flojo,-ja *adj* loose
flor *nf* bloom | *f. de antimonio* valentinite | *f. de cinc* hydrozincite | *f. de cobalto* erythrite | *f. de cobre* chalcotrichuite | *flor de hierro* flos ferri | *f. de níquel* annabergite
flotabilidad *nf* buoyancy
flotación *nf* flotation | *f. diferencial* differential floatation | *f. selectiva* selective floatation
fluorescencia *nf* fluorescence
fluctuación *nf* fluctuation | jitter
fluctuar *vintr* to fluctuate | to oscillate
fluente *adj* fluid | flowing
fluidez *nf* fluidity
fluido,-da *adj* fluid | *nm* fluid
fluir *vintr* to flow, run
flujo *nm* flow, stream | rising tide | flux | *f. de caja* cash flow | *f. de escombrera* debris flow | *f. de fango* mud flow | *f. de lava* lava flow | *f. laminar* laminar or platy flow | *f. magnético* magnetic flux | *f. natural* primary drive mechanism | *f. turbulento* turbulent flow
flúor *nm* fluorine | *f. espato* fluorspar | *f. fétido* bituminous feldspar
fluorescencia *nf* fluorescence
fluorescente *adj* fluorescent
fluorhidrato *nm* hydrofluoric acid
fluorhidrico,-ca *adj* hydrofluoric
fluorina *nf* fluorite
fluoruro *nm* fluoride
fluviomarino,-na *adj* fluviomarine
foco *nm* focus | *f. sísmico* hypocenter | *f. volcánico* volcanic center
foliación *nf* foliation
foliado,-da *adj* foliated, foliate | *no f.* unfoliated
foliatura *nf* foliation
fondo *nm* background | bottom of a mine | *f. de circo* | *f. de laboreo* working face | *f. del mar* sea floor | *f. del río* riverbed
fonolita *nf* phonolite | *f. leucítica* leucite phonolite | *f. nefelínica* nepheline phonolite
foraminífero *nm* foraminifer, foram
forastera *nf* [Bol] newly discovered vein or mine
forma *nf* form, mode | *f. de presentación* mode of occurrence | *f. enredada* stockwork
formación *nf* formation | [Col] clay and other material filling open spaces in a lode | *f. productora* pay zone | *f. que le circundan* host rock
formal *adj* regular | [Méx] undisturbed
formase *vpr* to be formed
fórmico,-ca *adj* formic
fórmula *nf* formula
fosa *nf* trench | pit | graben | *f. marginal* trough | *f. oceánica* oceanic trench | *f. posterior* back deep | *f. tectónica* graben
fosfático,-ca *adj* phosphatic
fosfato *nm* phosphate
fosfeno *nm* phosphite
fosfito *nm* phosphite
fosforado,-da *adj* phosphorous
fosforecer or **fosforescer** *vtr* to phosphoresce
fosforescencia *nf* phosphorescence
fosforescente *adj* phosphorescent
fosfórico,-ca *adj* phosphoric
fosforita *nf* phosphorite
fósforo *nm* phosphorous
fosforoso,-sa *adj* phosphorous
fosgenita *nf* phosgenite
fósil *nm* fossil | any mineral or rock | *f. guía* index fossil | *f. índice* index fossil | *f. viviente* living fossil
fosilífero,-ra *adj* fossiliferous
fosilización *nf* fossilization
fosilizarse *vpr* to fossilize, become fossilized
foso *nm* ditch, trench | hole, pit | *f. de lodo* mud pit
fótico,-ca *adj* photic
fotoclinómetro *nm* photoclinometer
fotogeología *nf* photogeology
fotografía *nf* photography | *f. aérea* aerial photography
fracción *nf* fraction
fraccionación *nf* fractionation
fraccionamiento *nm* fractionation | cracking
fraccionar *vtr* to crack | to fractionate
fraccionario,-ria *adj* fractional (math)
fractila *nf* fractile
fractura *nf* fracture | *f. escalonada* step fault | *f. pizarrosa* slaty cleavage | *f. marginal* boundary fault | *f. sencilla* or *junta* joint | *f. rellena* filled fracture
fracturar *vtr/pr* to fracture, break
fracturación *nf* fracturation
fracturamiento *nm* fracturing | *f. intenso* intense fracturing
fragmentación *nf* fragmentation
fragmentar *vtr* to fragment
fragamento *nm* fragment
frágil *adj* brittle
fragilidad *nf* brittleness
frailesca *nf* [Almadén, Sp] lenticular breccia masses found in schist
francio *nm* francium

franja *nf* fringe | belt | *f. capilar* capillary fringe | *f. de sedimentos* mud belt
franjilla *nf* [Hualgáyoc, Pe] argentiferous galena with stibnite
frasco *nm* flask (unit of measure for mercury)
frasniano,-na *adj* Frasnian
Frasniense *nm* Frasnian
freático,-ca *adj* phreatic, subsurface
frecuencia *nf* frequency | *f. acumulada* cumulative frequency
freita *nf* [Santander, Sp] active landslide
frente *nm* front | face, heading | *f. de colina* brow of a hill | *f. de pliegue* facing
frentero *nm* miner employed at the working face of a mine
friabilidad *adj* friability
fricción *nf* friction
frigoría *nf* kilocalorie
frijolillo *nm* [Guanajuato, Méx] conglomerate
frísol *nm* [Col] kidney-bean shaped cobble found in washing auriferous gravels
fritamiento *nm* chilling effect
frontón *nm* cliff (coastal) | pediment | working face (mines)
fruta de mono *nf* gold pan made from the shell of a *fruta de mono*
fruto *nm* ore | yield or product | *en frutos* in ore, carrying ore
fucsita *nf* fuchsite
fuchsita *nf* fuchsite
fucoide *nm* fucoid
fuelle *nm* spring or source | *f. alcalina* alkaline spring | *f. artesiana* artesian spring | *f. ascendente* artesian spring | *f. burga* boiling spring | *f. caliente* hot spring (<20°C) | *f. carga* boiling spring | *f. cárstica* karst spring | *f. de afloramiento* gravity spring | *f. de contacto*

contact spring | *f. de fisura* fissure spring | *f. de gas* gas seep | *f. de hondonada* depression spring | *f. de valle* valley spring | *f. descendente* gravity spring | *f. episódica* intermittent spring | *f. intermitente* intermittent spring | *f. mineral* mineral spring | *f. muy caliente* hot spring (>50°C) | *f. perenne* | *f. periódica* intermittent spring | *f. salina* salt spring | *f. sulfurosa* sulfur spring | *f. termal* thermal spring (20-50°C)
fuerza *nf* force | power | *f. de una prueba* power of a (statistical) test
fugacidad *nf* fugacity
fumarola *nf* fumerole
función *nf* function | *f. acumulada* cumulative function | *f. característica* characteristic function | *f. de decisión* decision function | *f. de densidad* density function | *f. de verosimilitud* likelihood function | *f. generatriz* generating function | *f. periódica* periodic function
fundente *adj* melting | *nm* flux
fundible *adj* fusible, easily melted
fundición *nf* smelting | casting | fusion | melting | foundry, smelting works
fundido,-da *adj* melted, fused
fundidor *nm* smelter
fundir *vtr* to melt, smelt of cast metal | to fuse | *vpr* to melt
fundirse *vpr* to fuse, melt
fuque *nm* [Méx] deepest point of an excavation
furo *nm* channel
fusalina *nf* smelting works
fusibilidad *nf* fusibility
fusión *nf* fusion, melting | *f. residual* residual melt
fusionar *vtr* [Arg] to fuse, melt
fuslina *nf* [Arg, Sp] smelter
fusulina *nf* fusulinid

G

- gabarro** *nm* xenolith | nodular fragment of rock or ore
- gábrico,-ca** *adj* gabbroic
- gabro** *nm* gabbro
- gadolino** *nm* gadolinium
- galactita** *nf* fuller's earth
- galápago** *nm* pig of copper, lead or tin
- galemador** *nm* furnace for roasting silver ores
- galemar** *vtr* to roast silver ores
- galeme** *nm* [Méx] a reverberatory furnace of 1 to 3 arrobas capacity
- galenita** *nf* galena
- galera** *nf* an irregularly shaped ore deposit | furnace for distilling sulphur
- galería** *nf* gallery | *g. cárstica* karst cave
- galerón** *nm* an irregular deposit of large size
- galga** *nf* boulder
- galimador** *nm* [Cerro Gordo, CA] reverberatory furnace
- galmeíta** *nf* carbonates and silicates of zinc
- galleta** *nf* [Asturias, Sp] screened coal (20-50 mm)
- gallinazo** *nm* [Titiribí, Col] sphalerite
- gallo** *nm* [Méx] rich ore with needles or grains of gold and silver | a lump of native metal, nugget
- gambusino** *nm* prospector | [Méx] itinerant miner who high-grades a deposit and then moves on to another
- gamella** *nf* gold pan
- gammagrafía** *nf* gamma ray log
- gándara** *nf* low wasteland
- ganchudo,-da** *adj* hackly
- gandinga** *nf* fine ore | *nfpl* concentrates
- gang** *nm* dike | vein
- ganga** *nf* gangue | *g. cuarzosa* vein quartz
- ganita** *nf* gahnite
- garbancillo** *nm* [Sp] fine gravel
- garbillar** *vtr* to screen (minerals)
- garbillo** *nm* screen
- garganta** *nf* gorge
- garimpeiro** *nm* placer miner
- gas** *nm* natural gas | gasoline | *g. ácido* sour gas | *g. asociado* associated gas | *g. condensado* gas condensate | *g. crudo* raw gas | *g. de petróleo líquido* liquified petroleum gas | *g. de pozo de petróleo* bradenhead gas | *g. disuelto* solution gas | *g. grisú* methane | *g. húmedo* condensate rich gas, wet gas | *g. juvenil* juvenile gas | *g. libre* unassociated gas | *g. licuado* condensate | *g. natural* natural gas | *g. no asociado* nonassociated gas | *g. pobre* lean gas, producer gas | *g. seco* dry gas
- gasificación** *nf* gasification
- gasificar** *vtr* to gasify
- gasoducto** *nm* gas pipeline
- gasóleo** *nm* diesel oil, gas oil
- gasolina** *nf* gasoline
- gastable** *adj* erodible
- gastar** *vtr* to wear away, erode
- gasterópodo** *nm* gastropod
- gasto** *nm* volume of flow, discharge | *g. de derrame* runoff rate | *g. sólido* bed load
- gastos** *nmppl* charges, expenses, costs | *g. de desarrollo* development costs | *g. de fundición* smelting charges
- gausio** *nm* gauss
- gaveta** *nf* [PR] gold pan
- gaylussita** *nf* gaylussite
- gedinniano,-na** *adj* Gedinnian
- gedinniense** *nm* Gedinnian
- géiser** *nm* geyser
- geiserita** *nf* geyselite
- gelatinoso,-sa** *adj* colloid, gelatinous
- gelificarse** *vpr* to gel
- gelifración** *nf* congelifraction
- gelisol** *nm* frozen ground
- gelivación** *nf* congelifraction
- geloide** *nm* firn ice
- gema** *nf* gem, precious stone
- geminación** *nf* twinning
- gemmología** *nf* gemmology
- gemmoscopio** *nm* binocular microscope
- género** *nm* genus (*pl* genera)
- genético,-ca** *adj* genetic
- genotipo** *nm* genotype
- geoanticlinal** *nm* geoanticline, geanticline
- geociencia** *nf* geoscience, earth science
- geocrático,-ca** *adj* epirocratic
- geocronita** *nf* geochronite
- geocronología** *nf* geochronology
- geocronológico,-ca** *adj* geochronological
- geoda** *nf* geode
- geodepresión** *nf* geodepression
- geodesía** *nf* geodesy
- geodésico,-ca** *adj* geodesic, geodetic | *nf* geodesy, geodetics
- geodesta** *nm* geodesist
- geodético,-ca** *adj* geodetic
- geodinámico,-ca** *adj* geodynamic | *nf* geodynamics

- geofísico,-ca** *adj* geophysical | *nf* geophysics | *nm/f* geophysicist | *g. aplicado* applied geophysicist
- geófono** *nm* geophone
- geognosia** *nf* geology
- geohidrología** *nf* geohydrology
- geoide** *nm* geoid
- geoisoterma** *nf* geoisotherm
- geología** *nf* geology | *g. aplicada* applied geology | *g. aplicada a la ingeniería* engineering geology | *g. de minas* mine geology | *g. del petróleo* petroleum geology | *g. dinámica* dynamic geology | *g. económica* economic geology | *g. estructural* structural geology | *g. física* physical geology | *g. general* general geology | *g. histórica* historical geology | *g. marina* marine geology
- geológico,-ca** *adj* geological
- geólogo,-ga** *nm/f* geologist
- geomagnético,-ca** *adj* geomagnetic | *nf* geomagnetics
- geomagnetismo** *nm* geomagnetism
- geomorfología** *nf* geomorphology
- geoquímico,-ca** *adj* geochemical | *nm* or *f* geochemist | *nf* geochemistry
- georgiano,-na** *adj* Georgian
- Georgiense** *nm* Georgian
- geosinclinal** *adj* geosynclinal | *nm* geosyncline, geosynclinal
- geosutura** *nf* geosuture
- geotéctónico,-ca** *adj* tectonic | *nf* geotectonics
- geotérmico,-ca** *adj* geothermal | *nf* geothermics
- germanotípico,-ca** *adj* Germanotype
- gersdorffita** *nf* gersdorffite
- giba** *nf* hump (rundhöcker)
- gibsita** *nf* gibbsite
- gigante** *nm* monitor, giant (used in hydraulic mining of placers)
- giobertita** *nf* magnesite
- girasol** *nm* fire opal
- givetiano,-na** *adj* Givetian
- givetienne** *adj* Givetian
- glaciación** *nf* glaciation | *g. final* latest (Würm) glaciation | *g. local* local glaciation
- glaciar** *adj* glacial | *nm* glacier | *g. activo* active glacier | *g. alpino* alpine or mountain glacier | *g. colgante* hanging glacier | *g. continental* continental glacier | *g. de circo* cirque glacier | *g. de montaña* alpine or mountain glacier | *g. de plateau* plateau glacier | *g. de roca* rock glacier | *g. de valle* alpine or valley glacier | *g. fluyente* active or flowing glacier | *g. groenlandés* continental glacier | *g. rocoso* rock glacier
- glaciarario,-ria** *adj* glacial
- glaciarismo** *nm* glaciology
- glacioeólico,-ca** *adj* glacio-eolitic
- glaciología** *nf* glaciology
- glaucodot** *nm* glaucophane
- glaucofana** *nf* glaucophane
- glauconia** *nf* glauconite
- glaucónítico,-ca** *adj* glauconitic
- glaucunitización** *nf* glauconitization
- gleba** *nf* [Alicante, Sp] thin layer of precipitated salt | *g. tectónica* fault block
- gliptogénesis** *nf* glyptogenesis
- globo** *nm* globe, sphere
- globulito** *nm* microlite
- glóbulo** *nm* globule
- globuloso,-sa** *adj* globular
- gmelita** *nf* gmelinite
- gneis** *nm* gneiss
- gnéisico,-ca** *adj* gneissic
- gneisoide** *adj* gneissoid
- geotita** *nf* goethite
- golfo** *nm* gulf
- goma** *nf* glue | *g. arábiga* gum arabic | *g. de tragacanto* gum tragacanth
- goniógrafo** *nm* [Sp] plane table
- goniómetro** *nm* goniometer
- gongora** *nf* [Col] cavity or vug in a lode
- gongorado,-da** *adj* vuggy
- gotera** *nf* precipitate | *g. calcárea* calcareous sinter
- gotlandiense** *adj* Silurian
- grada** *nf* stope | *g. al revés* overhand stope | *g. abierta* open stope | *g. de relleno* filled stope | *g. derecha* underhand stope | *g. ramal* branch stope
- gradiente** *nm* gradient | *g. adiobático* adiabatic gradient | *g. hidráulico* hydraulic gradient | *g. geotérmico* geothermal gradient | *g. gravimétrico* gravitational gradient | *g. térmico* thermal gradient
- grado** *nm* degree | gradient | *g. de libertad* degrees of freedom | *g. geotérmico* geothermal gradient
- graficador** *nm* plotter
- gráfico,-ca** *adj* graphic | *nf* graphics | graph, chart | *nm* graph, chart
- grafítico,-ca** *adj* graphitic
- grafito** *nm* graphite | *g. natural* natural graphite
- grafitoso,-sa** *adj* [Vz] graphitic
- gramo** *nm* gram
- granada** *nf* garnet

granalla *nf* small grains of metal, generally gold
granate *adj* garnet (color) | *nf* garnet |
 [Guadalcazar, Méx] crystalline cinnabar | *g.*
almandino almandinite
granatífero,-ra *adj* garnetiferous, garnet-bearing
grancilla *nf* [Sevilla, Sp] screened coal (15-30
 mm) | [Asturias, Sp] screened coal (5-12 mm)
granipórfido,-da *adj* [Vz] granophyre
granítico,-ca *adj* granitic
granitización *nf* granitization
granito *nm* granite | small grain | hair, streak or
 point that diminishes the quality of a diamond
 | *g. anfibólico* amphibole granite | *g. biotítico*
 biotite granite | *g. micáceo* mica granite | *g.*
potásico potash granite
granitoide *nm* granitoid
granitoideo,-dea *adj* granitoid
grano *nm* grain | grain, a weight | *de g. fino* fine
 grained | *de g. grueso* coarse grained | *de g.*
medio medium grained
granoblástico,-ca *adj* granoblastic
granofírico,-ca *adj* granophyric
granofiro *nm* granophyre
granosidad *nf* granularity
granoso,-sa *adj* granular
granudo,-da *adj* granular, granulate, granulated
granulación *nf* granulation
granulado,-da *adj* granulated | *nm* granulation
granular *adj* granular, granulate, granulated
gránulo *nm* granule
granulometría *nf* granulometry
granuloso,-sa *adj* granulose, granular
granza *nf* [Arg] crushed stone | [New Almaden,
 Calif] coarse mercury ore | [Cu] gravel | [Méx]
 fragments of ore from about the size of rice to
 that of an egg | [Guanajuato, Méx] fourth class
 of ore, about 80 ounce silver to the ton | *g. de*
yunque [San Dimas, Méx] smalls | [Huitzucó,
 Méx] middlings of mercury ore | [Asturias, Sp]
 screened coal (10-25mm)
granzita *nf* [Almadén, Sp] coarse-grained ores
granzón *nm* gravel
graptolito *nm* graptolite
grasero *nm* slag pile
grasoso,-sa *adj* greasy
grauvaca *nf* greywacke | *g. feldespática* arkosic
 wacke
grauwaca *nf* greywacke
grava *nf* gravel | [Cartagena, Sp] ore of 6 to 8
 percent lead | *g. de boleos* boulder gravel | *g. de*
cantera pit gravel | *g. de guijas* [Vz] granule
 gravel | *g. de mina* pit gravel | *g. de playa* beach

gravel | *g. en bruto* pit-run gravel | *g. fluvial*
 river gravel | *g. graduada* graded gravel | *g.*
provechosa pay gravel | *g. sin cribar* unscreened
 gravel | *g. tal como sale* unscreened gravel
gravedad *nf* gravity | *g. específica* specific gravity
gravadora *nf* [Sp] gravel screen
gravera *nf* gravel pit
gravilla *nf* fine gravel
gravilladora *nf* [Sp] gravel screen
gravimetría *nf* gravimetry
gravimétrico,-ca *adj* gravimetric
gravímetro *nm* gravimeter
gravitación *nf* gravitation, gravity
gravitacional *adj* gravitational
gravoso,-sa *adj* [Méx] gravelly
greca *nf* irregular workings
greda *nf* marl | chalk | fuller's earth | [Bol]
 barren gravel above pay-dirt in placers | [Guy]
 highly altered schist bedrock to placers | [Vz]
 pay-dirt | *g. dura* [Col] carboniferous, iron-
 bearing schist
gredal *nm* clay pit
gredoso,-sa *adj* chalky, marly, clayey
grenoquita *nf* greenockite
gremio *nm* society, guild, corporation | trade
 union | *g. de azogueros* [Potosí, Bol] association
 of miners | *g. de cumuris* association of ore
 transporters | *g. de dueños* association of
 (mostly absentee) mine owners | *g. de mineros*
 miner's association
gres *nm* sandstone | potter's clay
greta *nf* fuller's earth | [Méx] litharge
gretoso *nm* [Chico, Méx] silver sulfide-bearing
 gossan
grieta *nf* narrow fissure, crack, crevice | joint |
g. autoclástica autoclastic fissure | *g. capilar*
 hairline crack | *g. de contracción* frost crack | *g.*
de desecación mud crack | *g. de enfriamiento*
 cooling joint | *g. de erupción* fissure vent | *g. de*
glaciar crevasse | *g. glaciar* crevasse | *g.*
marginal marginal crevasse
grietarse *vpr* to crack
grieteado,-da *adj* cracked
grieteo *nm* formation of fissures
grieteoso,-sa *adj* cracked
gris *adj* grey | *nm* grey | *g. perla* pearl grey
grisáceo,-cea *adj* greyish
grosor *nm* thickness
grosularia *nf* grossularite
grosularita *nf* grossularite
grueso,-sa *adj* thick | coarse | hard (water)

grueso *nm* thickness of a bed, vein, etc. | [Sevilla, Sp] large coal (600mm in size) | [Arnao, Sp] coal up to 7 cm in size

grupo *nm* group | cluster | *g. de volcanes* volcanic cluster

gruta *nf* cave, grotto, cavern

guache *nm* [Col] a layer between pay-dirt and overburden of low-grade in placers | loose stones derived from bedrock of a placer

guadaloso,-sa *adj* swampy

guaico *nm* [Col] excavation of indiginous origin

guaira *nf* [Bol, Pe] a small, clay windblown smelting furnace used by Indians to refine high-grade silver ores

gualda *nf* [Pe] chalcopyrite | [Chacas, Pe] bornite

gualdado,-da *adj* yellow

gualdo,-da *adj* yellow

guanero,-ra *adj* guano

guaracú *nm* [Col] basalt, diorite, or greenstone

guaraturu *nm* [Vz] flint | quartz

güedal *nm* [Inguaran, Méx] copper skarn deposit

guía *nf* highest grade part of an orebody | [Ch] small, lateral veins | [Pe] veinlet in a stockwork | *g. mejicana* small earthenware plate in which amalgam was tested during the *patio* process of amalgamation of silver ores

guija *nf* pebble, gravel, cobble | matrix, gangue | [Méx] milky or bull quartz | [Batopilas, Méx] calcite | *g. de oro* [Guanajuato, Méx] gold-bearing quartz

guijarra *nf* stony place

guijarro *nm* cobble, pebble, stone

guijarroso,-sa *adj* stony, pebbly

guijo *nm* gravel

güijole *nm* [Durango, Méx] wood tin found in rhyolite, generally kidney shaped

guijoso,-sa *adj* pebbly, gravelly

guinche *nm* winch | hoist

guiñar *vt* to change direction, as for a vein, etc.

güiris *nm* mining expert

H

- haba** *nf* nodule | nodular (bean-like) piece of ore encased in gangue
- habilitación** *nf* outfit, equipment; fitting out
- habilitar** *vt* to equip, fit out
- hábito** *nm* habit
- hacer** *vt* to make | *h. la ceja* [Col] to recover gold from a gold pan | *h. mina* to make a mine, that is, be profitable to work | *h. tierras* [Méx] to work a placer
- hacienda** *nf* smelting or reduction works | *h. de beneficio* amalgamation works | *h. de cianuración* cyanide plant | *h. de fundición* smelting works | *h. de maquila* custom mill | *h. de minas* silver or other refinery, generally applied to amalgamation works | *h. de sacar plata por el beneficio de azogue* amalgamation works
- halmirógeno,-na** *adj* halmyrogenic
- halmirolisis** *nf* halmyolysis
- halocínesis** *nf* halokinesis, salt tectonics
- halogénico,-ca** *adj* halogenic
- halógeno,-na** *adj* halogenous | *nm* halogen
- haloisita** *nf* halloysite
- halotriquita** *nf* halotrichite
- hallazgo** *nm* discovery, as of a deposit, etc.
- halloisita** *nf* hallyosite
- hamada** *nf* hammada
- hankoamaña** *nm* [Potosí, Bol] member of a *cuadrilla* or gang of weekend *mestizo* miners who worked the mines for their own benefit from Saturday night to Monday nights and on feast days
- harina** *nf* fine powder of metal or ore | *h. de roca* rock flour | *h. fósil* or *silicea* diatomaceous earth or tripoli
- harmotoma** *nf* harmotome
- harnear** *vt* [Col, Ch] to sift, screen
- hastial** *nm* lateral wall of an excavation | surface of any wall of a deposit | side of a deposit | *h. de piso* [Bol] footwall | *h. de techo* [Bol] hanging wall
- hauteriviano,-na** *adj* Hauterivian
- hauteriviense** *adj* Hauterivian
- haüyna** *nf* hauynite, hauyne
- haz** *nf* group of deposits
- hebra** *nf* vein | layer, bed or stratum
- hebrudo** *nm* [Huitzucó, Méx] barcenite
- hectara** *nf* hectare
- hectárea** *nf* hectare
- hediondo,-da** *adj* fetid
- helero** *nm* glacier | ice sheet
- helio** *nm* helium
- heliodoro** *nm* heliodor (gem beryl)
- heliotropo** *nm* heliotrope, bloodstone
- helveciano,-na** *adj* Helvetian
- helveciense** *adj* Helvetian
- helvetiano,-na** *adj* Helvetian
- helvetiense** *adj* Helvetian
- hematita** *nf* hematite | *h. botrioidea* botryoidal hematite | *h. especular* specular hematite | *h. ocosa* ocherous hematite | *h. oolítica* oolitic hematite | *h. parda* limonite | *h. roja* non-specular (red) hematite
- hematítico,-ca** *adj* hematitic
- hematización** *nf* hematization
- hembergiense** *adj* Hembergian
- hemera** *nf* hemera
- hemiedro,-dra** *adj* hemihedral
- hemimórfico,-ca** *adj* hemimorphic
- hemimorfita** *nf* hemimorphite
- hemipelágico,-ca** *adj* hemipelagic
- hemisférico,-ca** *adj* hemispheric
- hemisferio** *nm* hemisphere
- hender** *vt/pr* to cleave, split, crack
- hendible** *adj* fissile, cleavable
- hendidura** *nf* fissure, crevice, crack, split or rent | rift
- hendimiento** *nm* splitting, cleaving, cracking
- heptano** *nm* heptane | *h.-normal* n-heptane
- herciniano,-na** *adj* Hercynian
- hercinita** *nf* hercynite
- hercio** *nm* Hertz
- herido** *nm* [Ch] trench
- hervezón** *nm* [Col] alluvium
- hervidero** *nm* boiling spring | mud volcano
- hesita** *nf* hessite
- hetangiano,-na** *adj* Hetangian
- hetangiense** *adj* Hetangian
- heteroblástico,-ca** *adj* heteroblastic
- heteromorfismo** *nm* heteromorphism
- heterópico,-ca** *adj* heteropic
- heteroscedasticidad** *nf* heteroscedasticity
- hettangiense** *adj* Hettangian
- hexaedro** *nm* hexahedron
- hexeno** *nm* hexane
- hialino,-na** *adj* hyaline | *nf* hyaline
- hialita** *nf* hyalite
- hiato** *nm* hiatus
- híbrido,-da** *adj* hybrid | *nm* hybrid
- hidatógeno,-na** *adj* hydátogenic
- hidrargillita** *nf* hydrargillite
- hidratación** *nf* hydration

- hidratar** *vt* to hydrate
hidrato *nm* hydrate
hidrocarburo *nm* hydrocarbon
hidrocincita *nf* hydrozincite
hidrocloruro *nm* hydrogen chloride
hidrocraqueo *nm* hydrocracking
hidrodinámico,-ca *adj* hydrodynamic
hidrógeno *nm* hydrogen | *h. pesado* deuterium | *h. sulfurado* hydrogen sulfide
hidrogeología *nf* hydrogeology
hidrografía *nf* hydrography
hidrolacolito *nm* pingo
hidrólisis *nf* hydrolysis
hidrolita *nf* hydrolith
hidrología *nf* hydrology | *h. de aguas subterráneas* groundwater hydrology
hidrólogo *nm* hydrologist
hidromuscovita *nf* illite
hidrosfera *nf* hydrosphere
hidrosilicato *nm* hydrosilicate
hidrostático,-ca *adj* hydrostatic
hidrotermal *adj* hydrothermal
hidrotérmico,-ca *adj* hydrothermal
hidróxido *nm* hydroxide
hielo *nm* ice | *h. de glaciar* glacial ice
hierro *nm* iron | iron ore | [Méx] low grade silver ore of 20 to 35 ounce per ton | *h. acicular* goethite | *h. arcilloso* clayey ironstone | *h. arsenical* arsenopyrite | *h. azul* vivianite | *h. blanco* arsenopyrite | *h. brillante* specularite | *h. cromado* chromite | *h. de pradera* bog iron ore | *h. de (los) pantanos* bog iron ore | *h. de (los) prados* bog iron ore | *h. de los estanques* bog iron ore | *h. espático* siderite | *h. espejular* specularite | *h. espejado* specularite | *h. espinela* hercynite | *h. fangoso* bog iron ore | *h. limoso* bog iron ore | *h. magnético* magnetite | *h. magnetífero* [Cartagena, Sp] ore carrying 33% metallic iron | *h. meteórico* iron from a meteor | *h. nativo* native iron | *h. oligisto* hematite | *h. pantanoso* bog iron ore | *h. pardo* limonite | *h. rojo* hematite | *h. seco* [Cartagena, Sp] ore carrying 50% or better metallic iron | *h. titanado* ilmenite | *h. viejo* scrap iron | [Pe] iron oxide-rich silver ore
hígado *nm* [Pe] gold-bearing iron oxide | a lenticular deposit of gold
hijuela *nf* small thread of ore or mineral
hilo *nm* small vein or thread of ore in a vein | *h. alto* small vein coming out of the hanging wall | *h. bajo* small veins going into the footwall | *h. de cajón* vertical vein | *h. de la veta* strike of a vein | *h. del criadero* strike or direction of a deposit | *h. del desposorio* [Villalpando, Méx] small veins of gold-bearing clay | *a h. de veta* along strike of a vein
hinchado,-da *adj* swollen
hincharse *vpr* to swell, as for clays
hinchazón *nm* increase in volume of rock extracted from a mine due to breakage
hiperstena *nf* hypersthene
hipidiomorfo,-fa *adj* hypidiomorphic
hipocentro *nm* hypocenter
hipocrystalino,-na *adj* hypocrystalline
hipogénico,-ca *adj* hypogene
hipolímnico,-ca *adj* hypolimnetic
hipomagma *nf* hypomagma
hipótesis *nf* hypothesis | *h. alternativa* alternative hypothesis | *h. compuesta* compound hypothesis | *h. nula* null hypothesis | *h. simple* simple hypothesis
histograma *nm* histogram
historia *nf* history | *h. de la tierra* earth's history
hito *nm* survey monument | *h. de límite* boundary monument
hocino *nm* narrows, canyon, gorge
hofmanita *nf* hofmannite
hogar *nm* hearth | *h. escoriador* slag hearth | *de h. abierto* open hearth
hoja *nm* slab or sheet (of metal) | *nappe* | *h. de arrastre* nappe | *h. de libro* [Guanajuato, Méx] ampelite | *h. de papel* finely laminated clay, slate or talc | *h. de pizarra* slab of slate
hojoso,-sa *adj* laminated
holmio *nm* holmium
holocénico,-ca *adj* Holocene
holoceno,-na *adj* Holocene | *nm* Holocene
holocristalino,-na *adj* holocrystalline
holoedro *nm* holohedron
holocarst *nm* holokarst
holotipo *nm* holotype
homeoblástico,-ca *adj* homeoblastic
homoclinal *nm* homocline
homogeneidad *nf* homogeneity
homogéneo,-nea *adj* homogenous
homoscedasticidad *nf* homoscedasticity
homotácico,-ca *adj* homotaxial
hondo,-da *adj* deep | low, low-lying (land) | *nm* bottom | depth
hondonada *nf* trough, depression | hollow, dip, ravine | *h. cárstica* karst depression
hondura *nf* depth | [Col] large pothole in bedrock of a placer

- horizonte** *nm* bed, layer, stratum | seam | horizon | *h. del suelo* soil horizon | *h. guía* datum | *h. petrolífero* oil-bearing formation
- hornablenda** *nf* hornblende | *h. esquistosa* hornblende schist
- hornabléndico,-ca** *adj* hornblende
- hornablendeífero,-ra** *adj* hornblende-bearing
- hornacho** *nm* excavation
- hornada** *nf* [met] a melt
- hornaguear** *vt* to work or extract hard coal
- hornaguera** *nf* hard coal | *h. apizarrada* slate coal | *terreno de h.* coal measures
- hornaguero,-ra** *adj* bearing hard coal
- hornaza** *nf* small furnace
- hornfelsa** *nf* hornfels
- hornfelsítico,-ca** *adj* hornfelsic
- hornillo** *nm* small furnace
- horno** *nm* kiln | furnace | *h. de cal* lime kiln | *h. de ensayar* assay furnace | *h. de foso* pit furnace | *h. de fundición* smelting furnace | [Méx] blast furnace | *h. de reverbero* reverberatory furnace
- horrura** *nf* scoria, dross
- horsteno** *nm* chert
- hoya** *nf* any deep excavation | pit, ditch, hole | basin, trough | sink | pothole in a river bed | valley, dale | [Pe] river bed | *h. de drenaje* watershed | *h. de explosión* shot hole | *h. glacial* kettle hole
- hoyada** *nf* depression, hollow, dip
- hoyar** *vt* to dig holes in, make holes
- hoyo** *nm* hole, pit | *h. de disparo* shot hole
- hoz** *nf* gorge, ravine
- huachaca** *nf* [Cerro de Pasco, Pe] ore paid to workers or lessors
- huaico** *nm* [Arg, Pe] debris flow, mud flow
- huallaripear** *vt* [Pe] to steal ore | to extract gold from tailings by means of running water and sheepskins
- huairona** *nf* [Pe] lime kiln
- huairuna** *nf* [Pe] small, earthen retort used to recover mercury from amalgam
- huambi** *nm* [Pe] realgar
- huarina** *nf* [Potosí, Bol] member of a *cuadrillo* or gang of weekend *creole* miners who worked the mines for their own benefit from Saturday night to Monday morning and on feast days
- huayre** *nm* [Potosí, Bol] clay reduction furnace once used by Indians
- huecarrera** *nf* cavern filled with ore in the form of stalagmites and stalagtites
- hueco,-ca** *adj* hollow | loose | *nm* vug
- huella** *nf* track, trace | [Méx] trace of gold recovered in assaying | *h. de fisión* fission track
- hueso** *nm* [Ch] yellowish, compact sodium nitrate
- huevo** *nm* [Col] belly or swollen piece of ore in a beaded vein | large boulder in alluvium or soil
- huincha** *nf* [Bol, Ch] measuring tape
- huinche** *nm* winch
- huincho** *nm* [Pe] magnetite | hematite
- hulla** *nf* black bituminous coal | *h. apizarrada* slate coal | *h. blanca* white coal | *h. brillante* anthracite | *h. cannel* cannel coal | *h. de llama* bituminous coal | *h. grasa* soft coal | *h. magra* non-coking anthracite | *h. para gas* gas coal | *h. picaforme* jet | *h. seca* coking coal
- hullero,-ra** *adj* coal | *nf* coal mine | coal bed | *nm* coal miner
- hullífero,-ra** *adj* coal-bearing
- hullita** *nf* anthracite
- humedecer** *vt* to moisten, humidify
- humedad** *nf* humidity | *h. de cantera* quarry water | *h. del suelo* soil moisture
- húmedo,-da** *adj* humid, wet, damp
- humilde metal** *nm* [Pe] silver ore that readily amalgamates
- humita** *nf* humite
- humo** *nm* smoke | *los humos* [Cerro de Pasco, Pe] 'the smoke', a controversy brought about by the installation of a copper smelter without even so much as a bag house for pollution control
- humor** *nm* [BC, Méx] trace
- hundido,-da** *adj* caved | *nm* dip
- hundimiento** *nm* subsidence | caving | dip of a bed | pitch of a fold axis | *h. en caldero* caldron subsidence
- hundirse** *vpr* to dip | to subside | to cave
- huroniano,-na** *adj* Huronian

I

iacotinga *nf* [Br] quartz-hematite-gold ore
icenense *adj* Icenian | *nm* Icenian
icosaedro *nm* icosahedron
icositetraedro *nm* icositetrahedron
ida y vuelta *nf* round trip (in drilling)
idioblástico,-ca *adj* idiolastic
idiocromático,-ca *adj* idiochromatic
idiógeno,-na *adj* syngenetic
idiomorfo,-fa *adj* idiomorphic
idocrasa *nf* vesuvianite, idocrase
igarapés *nmp* branches of a river
ígneo,-nea *adj* igneous
ignífugo,-ga *adj* refractory
Igualadense *nm* Igualadian
ilita *nf* illite
iluminación *nf* illumination
iluvial *adj* illuvial
imagen *nf* image
imán *nm* magnet, loadstone | magnetite
imanación *nf* magnetization
imantar or **imantar** *vtr* to magnetize | *vpr* to become magnetized
imantación *nf* magnetization
imbibición *nf* imbibition, absorption
imbricación *nf* imbrication, overlapping
imbricado,-da *adj* imbricated, imbricate, overlapping
imbricar *vtr* to imbricate, overlap
imma *nf* red ocher
impacción *nf* impact
impacto *nm* impact
impar *adj* odd, uneven | *nm* odd number
impedancia *nf* impedance | *i. acústica* acoustic impedance
impederreventones *nmp* [Vz] blowout preventer (on a drill rig)
impermeabilidad *nf* impermeability
impermeable *adj* impermeable | impervious
impregnación *nf* impregnation
impregnado,-da *adj* impregnated
impregnar *vtr* to impregnate | *vpr* to become impregnated
impresión *nf* impression, imprint
impronta *nf* impression, imprint, cast, mark
impuesto *nm* tax | *i. de producción* severance tax
impulsar *vtr* to drive
impulsión *nf* natural drive mechanism for oil and gas pools | *i. por agua* water drive | *i. por*

casquete de gas gas cap drive | *i. por gas disuelto* solution gas drive | *i. por gravedad* gravity drive
impulso *nm* impulse
impureza *nf* impurity
impurificado,-da *adj* impure, contaminated
impurificar *vtr* to contaminate
impuro,-ra *adj* impure
inagotable *adj* inexhaustible
inanga *nf* a gray nephrite
inarmónico,-ca *adj* disharmonic, inharmonic
incarbonización *nf* coalification
inciso,-sa *adj* incised
inclinación *nf* declivity, slope | gradient | [Arg, Ch] dip | *i. magnética* magnetic dip | *sin i. aclinic*
inclinado,-da *adj* inclined
inclinarse *vpr* to dip | to slope, rake
inclinómetro *nm* dipmeter | clinometer, inclinometer
incluído,-da *adj* imbedded, included
inclusión *nf* inclusion | *i. anexa* cognate inclusion | *i. de escoria* slag inclusion | *i. exógena* xenolith | *i. fluida* fluid inclusion | *i. gaseosa* gas inclusion | *i. negativa* negative crystal | *i. sólida* solid inclusion
incoherente *adj* incoherent, unconsolidated
incoloro,-ra *adj* colorless
incolumita *nf* flexible sandstone
incompetente *adj* incompetent
incongruente *adj* incongruent, incongruous
inconsecuente *adj* inconsequent
inconsistente *adj* unstable, loose, uncompacted
incorporación *nf* incorporation (coalification)
incorporado *nm* yard within a *hacienda de minas* where amalgamation took place
increción *nf* incretion
incremento *nm* increment, recharge
incrustación *nf* incrustation, inlay | scale
incrustado,-da *adj* incrustated, incrustate | embedded
incrustante *adj* incrusting, scale-forming | *nm* incrustant
incrustar *vtr* to incrust, inlay | *vpr* to embed itself
incurrente *adj* incurrent, influent
independencia *nf* independence | *i. en probabilidad* independence in probability
indicación *nf* indication, generally favorable for ore
indicador *nm* radioactive tracer | *i. de deformación* strain gauge | *i. de desviación* drift

- indicator | *i. de pH* pH meter | *i. de profundidad* depth meter
- indicatriz** *nf* indicatrix
- índice** *nm* index | *í. calco-alcálico* alkali-lime index | *í. de dureza* hardness number | *í. de escurrimiento* runoff coefficient | *í. de hinchamiento* swelling index | *í. de marea fosil* index fossil | *í. de petróleo* show of oil | *í. de Prandtl* Prandtl number | *í. de productividad* productivity index (crude oil) | *í. de refracción* index of refraction | *í. de Reynold* Reynold's number | *í. K K* index
- indicios** *nmpl* traces, indications
- indigación** *nf* search | examination
- índigo** *adj/nm* indigo | *í. de cobre* covellite
- indigolita** *nf* indicolite
- indio** *nm* indium | *i. de faltriquera* Indian who avoided the *mita* by means of a fee paid to his employer
- indisolubilidad** *nf* insolubility
- indistinto,-ta** *adj* indistinct
- indos** *nmpl* [Vz] invert
- inducción** *nf* induction | inference | *i. estadística* statistical inference
- inducido,-da** *adj* induced
- inducidor,-dora** *adj* inducing
| *nm* inducer
- inducir** *vtr* to induce
- inductancia** *nf* inductance
- inductivo,-va** *adj* inductive
- inductor,-ora** *adj* inducing | *nm* inductor | *i. de tierra* earth inductor
- induración** *nf* induration
- indurar** *vtr* to indurate
- indurado,-da** *adj* indurated
- industria** *nf* industry | *i. extractiva* mining industry | *i. minera* mining industry | *i. petrolera* petroleum industry
- inerte** *adj* inert | *nmpl* aggregates
- inestable** *adj* unstable
- inestabilidad** *nf* instability
- inexacto,-ta** *adj* inaccurate
- inexplotable** *adj* unexploitable
- inexplotado,-da** *adj* unexploited
- inexplorado,-da** *adj* unexplored
- infeccionar** *vtr* [Pe] to contaminate, pollute
- infecundo,-da** *adj* barren of ore, sterile
- inferior** *adj* lower | inferior
- infiltración** *nf* infiltration
- infiltrar** *vtr* to infiltrate
- infiltrarse en** *vpr* to infiltrate into
- inflación** *nf* tumescence | inflation
- inflado,-da** *adj* inflated
- inflexión** *nf* inflection
- influjo** *nm* inflow | flood tide
- informador** *nm* oil scout
- Infracámbrico** *nm* Infracambrian
- infraglacial** *adj* subglacial
- inframargenal** *adj* inframarginal
- infrapuesto,-ta** *adj* underlying
- infrarrojo,-ja** *adj* infrared | *nm* infrared
- infrayacente** *adj* underlying
- infundible** *adj* infusible
- infusorio,-ria** *adj* infusorial
- infusoriolita** *nf* diatomaceous earth
- ingeniería** *nf* engineering | *e. minera* mining engineering | *e. petrolera* petroleum engineering
- ingeniero** *nm* engineer | *i. de lodos* mud engineer | *i. de minas* mining engineer | *i. de nivel* [Ec] levelman | *i. minero* mining engineer | *i. petrolero* petroleum engineer
- ingenio** *nm* mill, usually consisting of two stamps | smelting works | sluice
- ingresión** *nf* ingression
- ingreso** *nm* entrance | *nmpl* earnings, revenues
- inhalante** *adj* incurrent
- inhomogeneidad** *nf* inhomogeneity
- inmadurez** *nf* immaturity
- inmaduro,-ra** *adj* immature
- inmersión** *nf* immersion
- inmerso,-sa** *adj* immersed
- inmiscibilidad** *nf* immiscibility
- inmiscible** *adj* immiscible
- inorgánico,-ca** *adj* inorganic
- inosilicato** *nm* inosilicate
- inquilinato** *nm* leasehold
- insecuente** *adj* insequent
- ínsito,-ta** *adj* in situ
- insolito** *nm* insolith
- insolubilidad** *nf* insolubility
- insula** *nf* island
- insularidad** *nf* insulosity
- intensidad** *nf* intensity
- interarrecife** *nm* interreef
- intercalación** *nf* intercalation | inset | *i. en forma lenticular* interlensing
- intercalado,-da** *adj* intercalated, interjacent | *nm* intercalate
- intercalarse** *vtr* to intercalate
- intercapa** *nf* interbed
- intercarga** *nf* interburden
- interclusión** *nf* intercalation
- intercorriente** *adj* interstream

- intercrecimiento** *nm* intergrowth
intercuenca *nf* interbasin
intercúmulo *nm* intercumulus
interdigitación *nf* intertonguing, interfingering
interdigitado,-da *adj* intertongued, interfingered
interduna *nf* interdune
interestratificación *nf* interbedding
interestratificado,-da *adj* interbedded
interestratificar *vtr* to interbed
interfaz *nf* interface
interferencia *nf* interference
interfluvio *nm* interfluve
interlacustre *adj* interlacustrine
interlobulado,-da *adj* interlobate
intermedio,-dia *adj* intermediate
intermitente *adj* intermittent
interno,-na *adj* inner, interior | internal
interpartícula *nf* interparticle
interplegamiento *nm* interfolding
interpolación *nf* interpolation
interpolar *vtr* to interpolate
interprecipitado *nm* interprecipitate
intersección *nf* [math] intercept
intersticio *nm* interstice
intervalo *nm* interval | *i. de aceptación*
 acceptance interval or region | *i. de clase* class
 interval | *i. de confianza* confidence interval | *i.*
de erosión erosional interval | *i. de rechaza*
 rejection interval or region | *i. intercuartilar*
 interquartile interval
interyacente *adj* interbedded
intradelta *nf* delta plain
intrafiloniano,-na *adj* between veins
intraformacional *adj* intraformational
intratelúrico,-ca *adj* intratelluric
intruido,-da *adj* intrusive
intruir *vtr* to intrude
intrusivo,-va *adj* intrusive | *nf* intrusive
intumescencia *nf* intumescence, swelling
inundable *adj* easily flooded
inundación *nf* flood | flooding
inundado,-da *adj* flooded, inundated
inundar *vtr* to flood, inundate
inverso,-sa *adj* inverted, inverse
invertido,-da *adj* inverted | *nm* invert
invertimiento *nm* [Pe] discharge, outfall
invertir *vtr* to invert | to plunge (transit) | to
 revert | to invest | [Pe] to discharge, empty
investigación *nf* research, investigation,
 exploration
investigar *vintr* to research, investigate, explore
inyección *nf* injection | *i. de agua* water flood or
 injection | *i. de espuma* foam injection | *i. de gas*
 gas injection | *i. de vapor* steam flooding or
 injection | *i. forzada* forced injection | *i.*
magmática magmatic injection
inyectado,-da *adj* injected
inyectar *vtr* to inject
iónico,-ca *adj* ionic
ionización *nf* ionization
ionizar *vtr/pr* to ionize
ionógeno,-na *adj* inorganic
ipabismal *adj* hypabyssal
ir a peña *vtr* [Col] to hit a paystreak in a placer
iridio *nm* iridium | *i. nativo* native iridium
iridiscencia *nf* iridescence
iridiscente *adj* iridescent
iridosmina *nf* iridosmine, iridosmium
iris *nm* iridescent hyaline quartz | *i. calcedonia*
 iridescent chalcedony | *i. citrino* yellow hyaline
 quartz
irisación *nf* iridescence
irisado,-da *adj* iridescent
irisar *vintr* to iridesce, be iridescent | *vpr* to
 become iridescent
irradiación *nf* irradiation
irradiar *vtr* to irradiate
isla *nf* island | *i. de barrera* barrier island | *i. en*
rosario island chain | *i. oceánica* oceanic island
isleo *nm* klippe | island | *i. cobijante* erosional
 remnant
isleta *nf* islet
islete *nm* islet
islilla *nf* islet
islote *nm* islet
isoanomalía *nf* isoanomaly
isoanómalo,-la *adj* isoanomalous
isoantracita *nf* isoanthracite
isobara *nf* isobar
isobárico,-ca *adj* isobaric
isobarométrico,-ca *adj* isobarometric
isobata *nf* isobath
isocarbono *nm* isocarbon
isoclinal *adj* isoclinal | *nm* isocline
isoclínico,-ca *adj* isoclinic
isoclino,-na *adj* isoclinal
isocora *nf* isochore
isocromo *nm* isochrome
isocrona *nf* isochron
isócrono,-na *adj* isochronous
isodina *nf* isomagnetic line
isodinámico,-ca *adj* isodynamic
isofana *nf* franklinite

isógala *nf* isogal
isógama *nm* isogam
isogeoterma *nf* isogeotherm
isógono,-na *adj* isogonic | *nf* isogonic line
isohalina *nf* isohaline
isoíeta *nf* isohyet
isoípsa *nf* contour line
isolínea *nf* isopleth
isomegatía *nf* isomegathy
isomerismo *nm* isomeric
isomerización *nf* isomerization
isómero,-ra *adj* isomeric | *nm* isomer
isometamorfismo *nm* isometamorphism
isomórfico,-ca *adj* isomorphic
isomorfismo *nm* isomorphism
isomorfo *nm* isomorph
isopaca *nf* isopach
isópaco *nm* isopach
isoparafina *nf* isoparaffin
isopentano *nm* isopentane
isopleta *nf* isopleth
isópora *nf* isopore
isopreno *nm* isoprene
isoquímico,-ca *adj* isochemical
isorrumbado,-da *adj* follows the same strike
isosista *nf* isoseismic line
isostasia *nf* isostacy
isostasis *nf* isostacy
isostático,-ca *adj* isostatic
isotangente *nm* isotangent
isoterma *nf* isotherm
isotérmico,-ca *adj* isothermic, isothermal
isotermo,-ma *adj* isothermal
isotípico,-ca *adj* isotypic
isotipo *nm* isotype
isotópico,-ca *adj* isotopic

isótopo *nm* isotope
isotropía *nf* isotropy
isotrópico,-ca *adj* isotropic
isotropismo *nm* isotropism
isótropo,-pa *adj* isotropic
isoyeta *nm* isohyet
istmo *nm* isthmus
itabo *nm* [Vz] inlet
itacolumita *nf* flexible sandstone
itali *nm* [Méx] obsidian
italita *nf* leucitite
iteración *nf* iteration
iterar *vtr* to iterate
iterativo,-va *adj* iterative
itérbico,-ca *adj* ytterbic
iterbio *nm* ytterbium
itria *nf* yttria
ítrico,-ca *adj* yttric
itrio *nm* yttrium
itrocerita *nf* yttrocerite
itrofluorita *nf* yttrifluorite
itroilmenita *nf* samarskite
itrotantalita *nf* yttrrotantalite
itrotitanita *nf* keilhauite
itztle or **itztli** *nm* [Méx] obsidian
iu *nm* yu, nephrite
ixtajale *nm* [Tasco, Méx] earthy iron oxide | [Zacualpan, Méx] silver sulphide disseminated in iron oxides | [Sultepec, Méx] native wire and leaf silver with gypsum, cerargyrite, argentite, and oxides
izador *nm* hoist
izaje *nm* hoisting
izar *vtr* to hoist
izcu *nm* [Pe] lime

J

jabalcón *nm* trench brace
jabalconar *vtr* to shore, brace, prop
Jabalinense *nm* Acadian
jabeca [Almadén, Sp] a type of furnace used to distill mercury
jable *nf* a fine, white sand
jabón *nm* [Guanajuato, Méx] friable, talcose, silver-bearing ore | [Villa Nueva, Hon] friable, talcose, siliceous, gold and silver sulfide-bearing ore | [Col] slickenside | *j. de montaña* steatite | halloysite | *j. de sastre* steatite, soapstone | *j. de soldado* smectite | *j. de vidrieros* pyrolusite | *j. mineral* smectite
jaboncillo *nm* clay, gouge, generally as an alteration product of country rock | [Potosí, Bol] kaolinite | [Ch] nitrate of soda streaked with lime | [Méx] clay selvage on a vein | steatite, talc
jabre *nm* [Gal] a fine, white feldspathic sand derived from altered granite
jacintina *nf* idocrase
jacinto *nm* hyacinth, jacinth (a transparent red *var* of zircon) | cinnamon-stone (a *var* of garnet) | *j. de Ceilán* zircon | *j. de Compostela* dark red crytalline quartz | *j. de disentis* cinnamon-stone, a variety of garnet | *j. de los volcanes* idocrase | *j. occidental* bright yellow variety of topaz | *j. oriental* orange variety of corundum | *j. volcánico* idocrase
Jacksoniense *nm/adj* Jacksonian
jacksonita *nf* prehnite
jacupirangita *nf* jacupirangite | *j. apatítica* apatite jacupirangite | *j. feldespática* feldspar jacupirangite
jacupirangítico,-ca *adj* jacupirangitic
jacutinga *nf* jacutinga, itabirite
jade *nm* jade | *j. de saussure* saussurite | *j. oriental* tremolite
jade-albita *nf* maw-sit-sit, jade-albite
jadeíta-egirina *nf* a mixture of jadeite and aegirine
jagua *nf* [Col] powdery, sulfide ore | black sands in placers | concentrates rich in gold and heavy minerals | *j. de recorte* heavy mineral residues from gold recovery in an *arrastre*
jaguadero *nm* outlet (of a river)
jagüel *nm* [Arg, Ch] pit or trench filled with water
jagüey *nm* [Arg] pit or trench filled with water

jais *nf* jet
jaki *nm* khal
jalatocle *nm* [Méx] alluvium
jalde *adj* deep yellow
jaldo,-da *adj* deep yellow
jaldre *adj* deep yellow
jales *nmp* [Méx] tailings
jali *nm* khal
jalón *nm* [surv] rod, range pole | *j. de cadeno* chaining pin | *j. de mira* level rod
jalonar *vtr* [surv] to run a survey line
jalonero *nm* [surv] rodman
jamasquita *nf* jamaskite (*obs*, hornblende jacupirangite)
Janitorese *nm* Janitorian (sub-stage of the Corallian)
janosita *nf* copiapite
japanita *nf* penninite
jaquelado *nm* checkerboard pattern
jardín *nm* spot which disfigures an emerald
jargón *nm* jargoon, jargon (pale yellow jem variety of zircon)
Jarkov *nm* Kharkov
jaspágata *nf* agate jasper, jaspagate, jaspachate
jaspe *nm* jasper | veined marble | *j. de Siberia* banded brown and green jasper | *j. egipcio* Egyptian jasper | *j. florido* multicolored jasper | *j. heliotropo* bloodstone | *j. jaspeado* mixture of green jasper and agate | *j. negro* touchstone | *j. ópalo* jaspopal | *j. porcelana* porcelain jasper | *j. sanguíneo* bloodstone | *j. veteado* ribbon jasper | *j. zonar* ribbon jasper
jaspeado,-da *adj* spotted | mottled, variegated | marbled, streaked, veined | like jasper, jaspideous
jaspear *vtr* to marble, mottle, vein, streak
jasperado,-da *adj* jasperated
jasperina *nf* jasperine
jasperita *nf* jasper
jasperización *nf* jasperization
jasperoide *adj* jasperoid | jasper
jasperizar *vtr* to jasperize
jaspideano,-na *adj* jaspidean, jaspery
jaspilitico,-ca *adj* jaspilitic
jaspoide *adj* jaspoid | *nm* tachylyte
jaspón *nm* a variety of marble, stained red and yellow
jaspónix *nm* jasponyx
jaspopal *nm* jasper opal, jaspopal, opal jasper
jaula *nf* cage (in a shaft) | *j. de extracción* mine cage
jayet *nm* jet

jazido *nm* layer, bed or seam | ore or mineral deposit
jebe *nm* [Sp] alum
jefe *nm* chief, boss | *j. de brigada* [surv, expl] party chief | *j. de cuadrilla* squad boss | *j. de oficina* office manager | *j. de punta* shift boss | *j. de turno* shift boss
jejo *nm* stone, rock
jelinita *nf* kansasite (a fossil resin)
jelletita *nf* pale green andradorite
jemal *adj* a palm in length
jeme *nm* palm (measure of distance)
jenkinsita *nf* ferroan antigorite
jentschita *nf* lengenbachite
jenzschita *nf* chalcidony
jeroglífico,-ca *adj* hieroglyphic | *nm* hieroglyph
Jerseyense *nm* Jerseyian (glacial stage)
jerulfina *nf* wagnerite altered to apatite
jet *nm* jet
jewreinowita *nf* vesuvianite
jezekita *nf* morinite
jilópalo *nm* wood opal
jinyunita *nf* mixture of mordenite and clinoptilolite
jiwaarita *nf* Ti-melanite
Johannense *nm/adj* Olenidian
johnita *nf* green variety of turquoise
johnstonita *nf* vanadinite | galena
johnstontonita *nf* variety of andradite
johnstrupita *nf* mosandrite
jolita *nf* iolite
jollyita *nf* Al-hisingerite
jorfe *nm* precipice
Jorgense *nm/adj* [Arg] local age name equivalent to Danian
jorgyanita *nf* scorodite
jornada *nf* a day's work, working day, shift | a day's journey | expedition | *j. doble* double shift | *j. simple* single shift
jornal *adj* by the day's work | [Col] by the hour's work | *nm* day's wage | day's work | [Col] hourly wage
jornalar *vtr* to employ by the day
jornalero *nm* workman, laborer
Josareense *nm* lower part of the Pontian
josefinita *nf* nickel-iron, ferronickel
josena *nf* josen, hartite
jossaíta *nf* a mixture of crocoite and sphalerite
jotun-norita *nf* jotunite (*obs*, charnockite)

Jovareense *nm/adj* middle part of the middle Oligocene
joven *adj* young | recent | undeformed
Joviano *nm* part of the Quaternary
jovin *adj* uneroded, little eroded
juagada *nf* [Col] alluvial gravel lacking sand and gold
juan blanco *nm* [Col] placer platinum | mica
juco *nm* [Bol] high grader, ore thief
juddita *nf* Mn-hornblende
juego *nm* set | suite | *j. de colores* play of colors | *j. de diaclasas* joint set | *j. de mare* the complete tidal cycle | stretch of beach or coast bounded by the tidal cycle
jugar *nm* tidal movement of the sea (rise and fall)
jugo de la tierra *nm* hydrocarbon
jugo lapídeo *nm* parent magma | residual melt | interstitial glass | cement in conglomerates
julianita *nf* tennantite
julio *nm* joule
jumo *nm* [Col] scarcely visible flake of gold
junckerita *nf* variety of siderite
junkerita *nf* siderite
junta *nf* joint | junction (of a river)
juntarse *vpr* to coalesce
juntura *nf* joint | *j. de estratificación* bedding plane
junturamiento *nm* jointing
juquear *vtr* [Bol] to high grade, steal ore
juqueo *nm* [Bol] ore theft, high-grading
juquero *nm* [Bol] ore-thief
Jura *nf* Jurassic | *J. blanco* Malm | *J. negro* Lías | *J. pardo* Dogger
Jurásico,-ca *adj* Jurassic | *nm* Jurassic | *J. inferior* lower Jurassic | *J. medio* middle Jurassic | *J. superior* upper Jurassic
jurinita *nf* brookite
jurupaíta *nf* Mn-xonotlite
jusente *adj* that rises or falls with an ebb tide | *nm* ebb tide
justipreciación *nf* appraisal
justipreciador *nm* appraiser
justipreciar *vtr* to appraise, rate
justiprecio *nm* appraised value
Juvarense *nm/adj* Juvavian
juvenil *adj* juvenile
juventud *nf* youth

K

- kafehidrocianita** *nf* kafehydrocyanite
kainolítico,-ca *adj* Cenozoic
k'ajcha *nf* [Potosí, Bol] member of a *cuadrillo* or gang of weekend *indio* miners who worked their employer's mines for their own benefit from Saturday night to Monday morning and on feast days
kakirita *nf* protomylonite
kakoxena *nf* kakixen
Kalaviense *adj* lower Algonquin | *nm* lower Algonquin
kalicamtonita *nf* cascadite (*obs*, sodic minette)
kaligranito *nm* kaligranite (*obs*, granite)
kalikeratófido *nm* kalikeratophyre (*obs*, keratophyre)
kalinefelinita *nf* kalinephelinite (*obs*, nephelinte)
kaliofilita *nf* kaliophilite
kalifita *nf* kaliphite
kalipirocloro *nm* kalipyrochlore
kalipiroxerita *nf* pyroxenolite (*obs*, pyroxenite)
kaliqueratófiro *nm* kalikeratophyre (*obs*, keratophyre)
kaliriolita *nf* kalirhyolite (*obs*, potash rhyolite or pantellerite)
kalisienita *nf* kalisyenite (*obs*, alkali syenite)
kalitinguaitpórfido *nm* kalitinguaitite porphyry (*obs*, porphyritic phonolite)
kalitraquita *nf* kalitrachyte (*obs*, trachyte)
kalkafanita *nf* amygdaloidal diabase
kalkbostonita *nf* maenaite (*obs*, plagioclase bostonite)
kalkdiabasa *nf* amygdaloidal diabase
kalkgranito *nm* calcigranite (*obs*, granite)
kalkuranita *nf* uranite
kaluszita *nf* singenite
kam or **kame** *nm* kame
kamarezita *nf* brochantite
kammgranito *nm* kammgranite (*obs*, granite)
kammgranítico,-ca *adj* kammgranitic (*obs*, granitic)
Kansan *nm* Kansan
kansita *nf* mackinawite
kantografía *nf* kantography
kaolín *nm* kaolin
kaolínico,-ca *adj* kaolinic
kaolinita *nf* kaolinite
kaolinítico,-ca *adj* kaolinitic
kaolinización *nf* kaolinization
karbonatberesita *nf* beresite (*obs*, altered aplite)
karbonatita *nf* carbonatite
karbonatitalnoíta *nf* alnoite
karlsteinita *nf* carlstainite (*obs*, alkali granite)
karniense *adj* Carnian
karst *nm* karst | *k. cubierto* covered karst | *k. desnudo* naked or bare karst | *k. elevado* relict karst | *k. subterráneo* interstratal or subjacent karst
karstenita *nf* rock anhydrite, anhydrock
kárstico,-ca *adj* karstic
karstificación *nf* karstification
kasaita *nf* kassaite (*obs*, háüyne monzonite or syenodiorite porphyry)
Kaskasia *nm* Kaskasia
kasparite *nf* cobaltoan pickeringite
kataforita *nf* kataphorite
kataforit-sölvbergita *nf* solvsbergite (*obs*, trachyte)
katapleitsienita *nf* augite-nepheline syenite
katatóctico,-ca *adj* katatectic
katavotre *nf* abyss
katazona *nf* katazone
katogénico,-ca *adj* katogenic
katogeno *nm* katogene
kaukasita *nf* caucasite (*obs*, sanidine granite)
kaulaíta *nf* kauaiite (*obs*, olivine-augite diorite)
Kazán *nm* Kazanian
kazansquita *nf* kazanskite (*obs*, magnetite-plagioclase dunite)
keelyita *nf* zinkenite
Keewatino *nm* Keewatin, Keewatinian
keiviíta *nf* keivyite
kelifítico,-ca *adj* kelyphitic
kelyfítico,-ca *adj* kelyphitic
kelifito *nm* corona
kellerita *nf* cuprian pentahydrate
kenngotita *nf* miargyrite
kenyita *nm* kenyte (*obs*, olivine phonolitic trachyte)
kenyta *nm* kenyte (*obs*, olivine phonolitic trachyte)
kerabitumen *nm* kerogen
kerargirita *nf* kerargyrite
keratita *nf* hornfels | compact groundmass in melaphyres
keratófido *nm* keratophyre | *k. cuarcífero* quartz keratophyre
keratófiro *nm* keratophyre | *k. cuarcífero* quartz keratophyre
keratófirospilita *nf* spilitized keratophyre
keratospilita *nf* keratospilite (*obs*, spilitized albite diabase)

- kerógeno** *nm* kerogen
kerogenita *nf* oil shale
kerosén *nm* kerosene
keroseno *nm* kerosene
kerosina *nf* kerosene
kersantita *nf* kersantite | *k. aplita* aplitic kersantite | *k. augítica* augite kersantite | *k. broncítica* bronzite kersantite | *k. cuárcica* quartz kersantite | *k. esferoidal* or *esferolítica* spheroidal kersantite | *k. hornabléndica* hornblende kersantite | *k. olivínica* olivine kersantite | *k. orbicular* orbicular kersantite
kersantitpegmatita *nf* kersantite pegmatite
keuperiano,-na *adj* Keuper
Kéuprico *nm* Keuper
keweenawiano,-na *adj* Keweenawan
K-feldespató *nm* K-feldspar
khajcha *nf* [Potosí, Bol] member of a *cuadrillo* or gang of weekend *indio* miners who worked their employer's mines for their own benefit from Saturday night to Monday morning and on feast days
khareo *nm* [Bol] hand sorting (of ore)
khareadora *nf* ore sorter (usually a woman)
khibinita *nf* mosandrite (mineral) | chibinite (rock)
khinganita *nf* kesterite
khuniita *nf* iranite
kieselgur *nm* kieselguhr, kieselgur
kiirunavaarita *nf* magnetitite
kilaje *nm* [Arg] weight in kilograms
kilbrickenita *nf* As-geochronite
kiliárea *nf* kiliare
kilita *nf* kyllite (*obs*, olivine theralite)
kilo *nm* kilogram
kilobara *nf* kilobar
kilocaloría *nf* kilocalorie
kilociclo *nm* kilocycle
kilogramo *nm* kilogram
kilometraje *nm* distance in kilometers
kilométrico,-ca *adj* kilometric
kilómetro *nm* kilometer
kimmeriano,-na *adj* Kimmerian
kimmérico,-ca *adj* Kimmerian
kimmeridgiano,-na *adj* Kimmeridgian
kimmeridgense *adj* Kimmeridgian
Kinderhook *nm* Kinderhookian
kiirunavaarita *nf* magnetitite, kiirunvaarite
klaprotita *nf* mixture of wittichenite and emplectite
klausenita *nf* clausenite (*obs*, diorite norite, quartz gabbro) | lamprophyre
kmaita *nf* celadonite
knoxvillita *nf* copiapite
Koblenzense *nm* Coblenzian
kodurita *nf* kodurite (*obs*, granulite) | *k. biotítica* biotite kodurite | *k. cuarcifera* quartz kodurite | *k. piroxénica* pyroxene kodurite
kodorítico,-ca *adj* koduritic
koelbingita *nf* kenigmatite
koivinita *nf* florencite
kokkokonita *nf* cocconite (coccolith limestone)
kolbeckina *nf* herzenbergite
kolskita *nf* mixture of lizardite and sepiolite
komatiíta *nf* komatiite
kongadiabasa *nf* Konga diabase (*var* quartz dolerite)
Kongureense *nm* Kungurian
Konialnikense *nm* Konialnikian, Pontian?
koppita *nf* pyrochlore
kornerupina *nf* kornerupine
korund-anorthosita *nf* kyschtymite (*obs*, corundum anorthosite)
korund-gabro *nm* corundum hornblend gabbro
korundmagnetitita *nf* corundum magnetitite
korundnefelindiorita *nf* dungannonite (*obs*, alkali corundum diorite)
korundoligoclaspegmatita *nf* plumasite (*obs*)
korundplagioklasita *nf* kyschtymite (*obs*, corundum anorthosite)
kosmocloro *nm* kosmochlor, ureyite
kramerita *nf* probertite
kratógeno *nm* shield
kraurita *nf* dufrenite
kreuzbergita *nf* pleystenite
kriptón *nm* krypton
kristianita *nf* cristianite (*obs*, biotite granite)
kryokonita *nf* cryoconite
Kungur *nm* Kungurian
Kunguriense *nm* Kungurian
kurskita *nf* carbonate-fluorapatite
kürunavaarita *nf* magnetitite, kiirunvaarite
kuselita *nf* cuselite (*obs*, biotite-augite lamprophyre)
kusuita *nf* wakefieldite-(Ce)

L

- labíl** *adj* unstable | labile | friable
- labio** *nm* lip, edge | *l. de falla* fault limb
- labor** *nf* miner working or work | working place or face | a measure of area (177.14 acres) | *l. a cielo* overhand working | *l. a cielo abierto* open pit working | *l. a través* cross cut | *l. abandonada* abandoned working | *l. alta* [Col] placer working above water level | *l. auxiliar* development work | *l. baja* [Col] placer working below water level | *l. de bancos* underhand stoping | *l. de beneficio* mill, milling | *l. de cantera* stone quarry, open pit work | *l. de hacienda* all workings in a mine not leased | *l. de realce* overhand stoping | *l. de reconocimiento* exploratory workings | *l. de testers* overhand stoping | *l. en rebajo* underhand stoping | *l. por lajas* slabbing, slashing | *l. preparativas* development work
- laboreo** *nm* mining, exploitation, working | art of mining | *l. a cielo abierto* open pit mining | *l. de crestones* surface workings | *l. de grada* stoping | *l. de subniveles* sublevel stoping | *l. en avance* advancing system | *l. en retirada* retreating system | *l. minero* mining, exploitation | *l. por cuadras* panel working | *l. por socavón* adit cut mining
- labra** *nf* working, cutting, carving, or dressing of stone
- labrado,-da** *adj* worked, wrought, cut, carved | *nm* cutting, carving
- labrar** *vtr* to work a mine | to work metals | to dress, cut or carve stone | *l. en facetas* to facet
- lacolito** *nm* laccolith
- lacunario,-ria** *adj* lacustrine
- lacustre** *adj* lacustrine, lake
- ladera** *nf* declivity, slope, side, hillside | highly inclined flanks of a saddle or anticline | flank
- ladiniano,-na** *adj* Ladinian
- ladiniense** *adj* Ladinian
- lago** *nm* lake | *l. alcalino* alkaline lake | *l. de agua dulce* fresh water lake | *l. de agua salada* salt lake | *l. de circo* tarn | *l. de cráter* crater lake | *l. de erosión* erosion lake | *l. de erosión glaciar* | *l. de fractura* tectonic lake | *l. de glaciar* glacier lake | *l. en herradura* oxbow lake | *l. endicado* barrier lake | *l. salado* salt lake, saline lake | *l. semilunar* oxbow lake
- láguena** *nf* decomposition of argillaceous schist by weathering
- laguna** *nf* lagoon | small lake | reservoir used to store water to supply water-powered stamp mills | *l. costera* coastal lagoon | *l. de decantación* tailings pond
- lagunato** *nm* [Cu] pool, pond
- lagunero** *nm* person in charge of the upkeep of *lagunas*
- lagunoso,-sa** *adj* full of lagoons
- laja** *nf* thin, flat stone | bed, layer or sheet | stone slab | *l. chavera* [Cartagena, Sp] highly decomposed slate
- lajeado,-da** *adj* [Mex, Ur] laminated
- lajilla** *nf* [Vz] shale
- lajoso,-sa** *adj* [Ur] laminated
- lama** *nf* slime, mud, silt | tailings | ore in the form of dust or fine powder within veins | [Tipuani, Bol] gravel beds forming false bedrock to gold placers
- lamelar** *adj* laminated
- lameliforme** *adj* lamelliform
- lámina** *nf* lamella (*pl* lamellae) | slab | thin plate or sheet | scale | *l. de piritita* scale | *l. de pizarra* slab of slate, slate
- laminación** *nf* lamination
- laminado,-da** *adj* laminated | tabular
- laminilla** *nf* lamella (*pl* lamellae) | thin sheet | flake
- lamoso,-da** *adj* slimey | [Aguascalientes, Méx] copper ores in a steatite matrix
- lamprófito** *nm* lamprophyre
- lancastriano,-na** *adj* Lancastrian
- lancastricense** *nm* Lancastrian
- lancha** *nf* thin, flat stone | stone slab
- lanchar** *nm* quarry yielding *lanchas*
- landeniano,-na** *adj* Landenian
- landeniense** *nm* Landenian
- lantano** *nm* lanthanum
- lapa** *nf* [Pe] footwall
- lapiez** *nm* karren
- lapili** *nf* lapilli | *l. de acreción* accretion lapilli
- lapislázuli** *nf* lapis lazuli
- lápiz** *nm* graphite, black lead, plumbargo | black chalk | *l. encarnado* or *rojo* red chalk or ochre
- lapizar** *nm* graphite mine
- laque** *nm* druse
- lasca** *nf* small, thin fragment of stone | chip, spall
- lascar** *vtr* to spall
- lastra** *nf* flat stone, stone slab, flagstone | [Serrata de Lorca, Sp] bed of native sulphur, of which there are several: *l. de arriba* the upper

- bed, *l. de abajo* or *de fuego* middle bed, and *l. de agua* the lowermost which was not worked
- lastre** *nm* weathered stone of poor quality found at the surface of quarries
- lastrón** *nm* large flagstone
- laterítico,-ca** *adj* lateritic
- laterización** *nf* laterization
- latilla** *nf* lath
- latitud** *nf* latitude | breadth, width | total extent of a region, belt, province, district, etc | *a 30° latitud sur* 30° south
- lattorfiano,-na** *adj* Lattorfian
- lattorfiense** *adj* Lattorfian
- lauegrama** *nm* lauegram
- laurencio** *nm* lawrencium
- lava** *nf* lava | washing of ore | *l. cordada* pillow lava | *l. de bloque* block lava | *l. en alhomada* pillow lava | *l. escoriácea* aa lava | *l. pahoehoe* pahoehoe
- lavada** *nf* washing of placers, ore, or amalgam
- lavadero** *nm* site for washing placers, ore, or amalgam | [Ch, Pe] placer deposit | act of washing placers, ore, or amalgam
- lavado** *nm* washing | *l. de surcos* | *l. superficial*
- lavador** *nm* gold pan | washer
- lavadora** *nf* gold pan | *l. de carbón* coal washer
- lavadura** *nf* washing of placers or ore | *nfpl* washings
- lavaje** *nm* washing of placers or ore
- lavar** *vt* to wash placers or ore
- lazada** *nf* bow, knot | *en lazada* loop
- lazo** *nm* bow, knot | *en forma de l.* loop
- lazurita** *nf* lapis lazuli, lazurite
- lechada** *nf* mixture of lime and gypsum or of lime and sand | slurry, paste
- leche de luna** *nm* calcareous clay
- leche de tierra** *nm* magnesia
- leche fósil de luna** *nm* mineral agaric
- lechecilla** *nf* [Tasco, Méx] a *var* of limestone
- lechedor** *nm* [Pe] huantajaita | [Atacama, Ch] oxidized ore or gossan rich in silver chlorides
- lecho** *nm* river bed | thin layer, bed or stratum | *l. de cantera* bed of stone | *l. de creciente* flood plain | *l. de río* stream bed | *l. de roca* bedrock | *l. mayor* flood plain
- lediano,-na** *adj* Ledian
- lediense** *adj* Ledian
- légamo** *nm* slime, mud, ooze | loam
- legamoso,-sa** *adj* slimy, oozy, loamy
- legítima** *nf* [Real del Monte, Méx] vein having an east-west trend
- legua** *nf* league, a measure of distance of 5000 footsteps (about 5572 meters) (a day's ride on horseback is about six leagues)
- leguaje** *nm* an advance for travel expenses that should have but was rarely paid to *mitayos* by mine owners when they left their communities for the mines
- lenar** *nm* karren, lapiaz
- lengua del glaciar** *nf* glacial tongue
- lengüebuey** *nm* [Antioquia, Col] a trachyte so named because its texture resembles that of an ox's tongue
- lente** *nm* lense | magnifying glass | lenticular mass of rock | *l. ocular* eyepiece
- lenteja** *nf* lenticular mass of rock, ore or mineral
- lentejón** *nm* lense (of sedimentary rock)
- leñoso,-sa** *adj* woody, ligneous
- lepidoblástico,-ca** *adj* lepidoblastic
- leucito** *nm* leucite
- leucocrático,-ca** *adj* leucocratic
- leucopirita** *nf* leucopyrite
- leucozafiro** *nm* leucosapphire
- levantada** *nf* orogeny
- levantamiento** *nm* elevation | uplift | survey | surveying | creep (soil) | *l. aerofotogramétrico* aerial survey | *l. sísmico* seismic survey
- levantar** *vt* to survey | to uplift, elevate
- levée** *nf* levee | *l. natural* natural levee
- levigación** *nf* levigation
- levógiro,-ra** *adj* sinistral
- ley** *nf* law | grade of ore | legal standard of quality or fineness | statistical distribution function | *l. beta* beta distribution | *l. binomial* binomial distribution | *l. binomial negativa* negative binomial distribution | *l. de Boyle* Boyle's law | *l. de Charles* Charles's law | *l. de F* F distribution | *l. de Henry* Henry's law | *l. de minas* mining law | *l. de metal* grade | *l. de Pareto* Pareto distribution | *l. de Poisson* Poisson distribution | *l. de student* student t-distribution | *l. de Weibull* Weibull distribution | *l. discreta* uniform distribution | *l. exponencial* exponential distribution | *l. gamma* gamma distribution | *l. geométrica* geometric distribution | *l. hipergeométrica* hypergeometric distribution | *l. ji cuadrado* chi-squared distribution | *l. lognormal* lognormal distribution | *l. media* average grade | *l. mineral* mining law | *l. multinomial* multinomial distribution | *l. normal* normal distribution | *l. rectangular* Rectangular distribution | *l. superior* a grade greater than | *l. t* t-distribution | *l.*

- unifomre* uniform distribution | *con ley de* of a grade of | *de baja (alta) ley* of low (high) grade
- leyenda** *nf* legend (to a map)
- lherzolita** *nf* lherzolite
- liás** *nm* Lias
- liásico,-ca** *adj* Liassic, Lias | *nm* Liassic
- libra** *nf* pound, a measure of weight | *l. esterlina* pound sterling
- libre** *adj* free
- libreta** *nf* notebook | *l. de campo* field book
- licuación** *nf* liquification
- licuefacción** *nf* liquification
- liquifacer** *vt* to liquify
- lidita** *nf* lydite, touchstone
- lienza** *nf* measuring tape
- lievrita** *nf* ilvaite
- liga** *nf* alloy | alloy of gold and silver used in coinage | [Méx] smelting ore, or ore used as a flux in smelting | [Potosí, Bol] galena | *l. de metal* alloy
- ligación** *nf* bond
- ligar** *vt* to alloy (metals)
- ligero,-ra** *adj* light
- lignítico,-ca** *adj* lignitic
- lignito** *nm* lignite or brown coal | *l. duro* | *l. leñoso* lignite proper | *l. xiloide* xyloid lignite
- limadura** *nf* [Méx] refined silver or silver amalgam produced by the *patio* process of amalgamation
- limbo** *nm* limb (of a fold)
- límite** *nm* boundary | limit | *l. conservador de placas* transform plate boundary | *l. de confianza* confidence limit | *l. de contracción* shrinkage limit | *l. de nieve* snow line | *l. de placa* plate boundary | *l. de placas convergentes* converging plate boundary | *l. de placas divergentes* diverging plate boundaries
- límitrofe** *adj* bordering
- limnico,-ca** *adj* lacustrine, limnic
- limnología** *nf* limnology
- limo** *nm* silt, mud | *l. de derrubios* boulder clay | *l. de faldeo*
- limolito** *nm* siltstone
- limonita** *nf* limonite
- limonítico,-ca** *adj* limonitic
- limonitizado,-da** *adj* limonitic
- limoso,-sa** *adj* muddy, silty
- limpia** *nf* low-grade ore or waste
- limpiar** *vt* to clean up, as for a mill, dredge, etc
- limpio** *nm* cobbed or sorted ore
- linde** *nm* boundary, limit
- lindero** *nm* boundary, especially of a mining claim
- línea** *nf* line | twelfth part of a *pulgada* or inch | *l. aclínica* aclinic line, magnetic equator | *l. de costa* coastline, strandline | *l. de crecimiento* growth line | *l. de charnela* hinge line | *l. de fractura* fracture line | *l. de litoral* shoreline | *l. de nieves perpetuas* snow line | *l. de tierra* ground line | *l. geodésica* geodesic line | *l. isodinámica* isodynamic line | *l. isogónica* isogonic line | *l. transversal* traverse
- lineación** *nf* lineation
- lineamiento** *nm* lineament
- lingote** *nm* ingot | *l. de hierro* pig iron | *l. de plomo* pig of lead
- liparita** *nf* rhyolite
- lipis** *nm* copper sulfate
- lipta** *nf* [Bol] grey silver ores which accompany tin ore
- liquado** *nm* liquid | *l. newtoniano* Newtonian liquid
- liso,-sa** *adj* even | *nm* an extensive flat face of a rock | slickenside | [Col] fault
- lista** *nf* stripe, band
- listado,-da** *adj* striped | in thin layers, laminated
- listones** *nmp* riffles
- litarge** *nm* litharge | *l. nativo* lead ocher
- litargirio** *nm* litharge
- litificación** *nf* lithification
- lítico,-ca** *adj* lithic
- litio** *nm* lithium
- litoclasa** *nf* lithoclase
- litoestratigráfico,-ca** *adj* lithostratigraphic
- litofacies** *nfpl* lithofacies
- litófilo,-la** *adj* lithophile
- litofisuras** *nfpl* lithophysae
- litogénesis** *nf* lithogenesis
- litología** *nf* lithology
- litológico,-ca** *adj* lithological
- litomargo** *nm* lithomarge, kaolin
- litoral** *adj* coastal, littoral | *nm* shore | *l. entre mareas* foreshore | *l. submarino* offshore
- litosfera** *nm* lithosphere
- litosiderita** *nf* lithosiderite
- litostático,-ca** *adj* lithostatic
- litraje** *nm* [Arg] volume in liters
- litro** *nm* liter
- lixivación** *nf* leaching, lixivation | *l. amoniaca* ammonia leaching
- lizote** *nm* [Sinaloa, Méx] blue speckled quartz rich in silver
- local** *nm* site | *l. del ingenio* mill site

localidad *nf* locality | *l. tipo* type locality

lodazal *nm* marsh, bog

lodo *nm* mud, ooze, sludge | *l. calcáreo*
calcareous ooze | *l. de síliceo* siliceous ooze | *l. de diatomeas* diatomaceous ooze | *l. de radiolarios*
radiolarian ooze | *l. mineral* slime | *l. rojo* red
mud

lodolita *nf* mudstone

lodoso,-sa *adj* muddy

loes or **loess** *nm* loess

logarítmico,-ca *adj* logarithmic

logaritmo *nm* logarithm

loma *nf* ridge, rise, hill, hillock | *l. de
acumulación* accretionary ridge

lomada *nf* [Arg] hill, ridge

lomerío *nm* [Méx] a range of hills

lomo *nm* ridge | *l. eólico* windrow ridge

loncha *nf* flagstone

longana *nf* [Guanajuato, Méx] cylinders of clay
with embedded rich ore, or cylindrical pieces of
ore concealed in the anus as a means of stealing
ore

longitud *nf* longitude | length | departure, ie
eastings or westings

lopolito *nm* lopolith

losa *nf* flat stone, stone slab, flagstone |
[Coquimbo, Ch] shell-bearing conglomerate

losero *nm* quarry for *losa* or flagstone |
[Guanajuato, Méx] sandstone quarry

lotaringiano,-na *adj* Lotharingian

lotaringiense *nm* Lotharingian

loza *nf* [Pe] bedrock to a placer

ludiano,-na *adj* Ludian

ludiense *adj* Ludian

ludloviano,-na *adj* Ludlovian

ludloviense *adj* Ludlovian

lumbre *nm* flint | firestone

lumbreira *nf* shaft

luminescente *adj* luminescent

luminiscencia *nf* luminescence | *l. catódica*
cathodoluminescence

luminoso,-sa *adj* luminous

lupa *nf* magnifying glass, lens | hand lens

lurte *nm* landslide

lusitaniano,-na *adj* Lusitanian

lusitaniense *adj* Lusitanian

lustre or **lustro** *nm* luster

lustroso,-sa *adj* shiny, glossy, lustrous

luteciano,-na *adj* Lutetian

luteciense *adj* Lutetian

lutecio *nm* lutetium

lutita *nf* shale | *l. petrolífera* oil shale

lutífico,-ca *adj* shaly

luz *nf* light | *l. ambiente* available light | *l.*

natural natural or ordinary light | *l. polarizada*
polarized light

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* kerabbitumin | *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
- memoria** *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
- misipiano,-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

N

nacarado,-da *adj* pearly, nacreous
nacarar *vt* to give a pearly luster to
nacarita *nf* kaolinite
naciente *nm* rising | east | *nmpl* headwaters | [Col] outcroppings
nacimiento *nm* spring or source | headwaters | *n. de un río* head of a river
nafta *nf* crude oil (*obs*) | naphtha | [Arg] gasoline | [Vz] high octane gasoline
naftalina *nf* naphthalene
nafteina *nf* naphthine (a fossil wax)
naftina *nf* naphthene
nagiagita *nf* nagyagite
naife *nm* uncut diamond
namaqualita *nf* cyanotrichite
namuriano,-na *adj* Namurian
namureense *adj* Namurian | *nm* Namurian
nanofósil *nf* nannofossil
nanosegundo *nm* nanosecond
nantoquita *nf* nantokite
napa *nf* plate | aquifer | *n. artesiana* artesian aquifer | *n. cautiva* confined groundwater | *n. colgada* perched aquifer | *n. de agua subterránea* water table | *n. rebajada* lowered groundwater
napoleanita *nf* corsite
naranja *adj* orange | *n. claro* light orange
nari *nf* nari (*var* of caliche)
nariz *nf* nose (of a fold)
narría *nf* a type of sledge
nata *nf* slag | [Méx] litharge
nativo,-va *adj* native
natroborocalcita *nf* ulexite
natrofilita *nf* natrophilite
natrofosfato *nm* natrophosphate
navaja *nf* pocket knife
nebraskiense *adj* Nebraskan
nefelina *nf* nepheline
nefelinita *nf* nephelinite
nefelinitoide *nm* nephelinitoid
nefelino *nm* nepheline
nefelita *nf* nepheline
nefeloides *adj* nepheloid
nefinolito *nm* nephinolite
nefrita *nf* jade, nephrite | nephritoid
nefrítico,-ca *adj* jade, nephritic
negativo,-va *adj* negative
negrillo *nm* native silver black in color | stephanite | dark colored copper-silver ore | [Arg, Méx] argentite | [Bol, Ch] complex silver

sulfarsenate and antimonate ore | [Caracoles, Ch] complex sulfiodide-sulfchloride-sulfide-carbonate silver-lead ore | [Huelva, Sp] copper rich ore | [Hualgáyoc, Pe] dark mixture of copper, iron and manganese oxides
negro,-ra *adj* black | *nm* black | [Ch, Pe] dark colored caliche | [Guadalcázar, Méx] lead-grey, hepatic cinnabar | [Méx] silver-rich tetrahedrite | [Méx] silver ore with a high galena content | [Fresnillo, Méx] finely disseminated native silver and argentite in a pyrite matrix | [Charcas, Méx] silver ore consisting of sphalerite, galena, arsenopyrite, and chalcopyrite | *n. de carbono* carbon black | *n. de humo* lamp black | *n. de plomo* graphite
negro-negro *nm* [Col] a black micaceous schist that hosts weathered out and hence barren silver veins
negruco,-ca *adj* blackish, darkish
neis *nm* gneiss | *n. agmatítico* agmatic gneiss | *n. de ojos* augen gneiss | *n. filoniano* aldergneiss | *n. glandular* augen gneiss
néisico,-ca *adj* gneissic
nematoblástico,-ca *adj* nematoblastic
Nemausense *nm* Nemausian, Valanginien
neme *nm* [Col] manganese oxide
neoaútóctono *nm* neoautochthon
neoblasto *nm* neoblast
neoceno,-na *adj* Neogene
Neóxico *nm* Neocomian
neocomiano,-na *adj* Neocomian
neocomiense *adj* Neocomian | *nm* Neocomian
neocrystalización *nf* neocrystallization
neocrístico,-ca *adj* neocryst
neocrísto *nm* neocryst
neodimio *nm* neodymium
neóspato *nm* neospar
neoformación *nf* neogenesis
neogénico,-ca *adj* neogenic
neógeno,-na *adj* Neogene | *nm* Neogene
neoglaciación *nf* neoglaciation
neohexano *nm* neohexane
neomineralización *nf* neomineralization
neomorfismo *nm* neomorphism
neoporfirítico,-ca *adj* neoporphyritic
neosomo *nm* neosome
neotectónico,-ca *adj* neotectonic | *nm* neotectonics
neotipo *nm* neotype
neovolcánico,-ca *adj* neovolcanic
neozoico,-ca *adj* Quaternary
neptunio *nm* neptunium

nerítico,-ca *adj* neritic
nerviense *adj* Nervian | *nm* Nervian
nesofítico,-ca *adj* diabasic, nesophitic
nesosilicato *nm* nesosilicate
neudeckense *adj* Neudeckian | *nm* Neudeckian
neumatógeno,-na *adj* pneumatolytic
neumatolítico,-ca *adj* pneumatolytic
neumatolosis *nf* pneumatolysis
neuroviscoso,-sa *adj* viscous neutral
neuvizense *adj* Oxfordian | *nm* Oxfordian
nevadiense *adj* Nevadan
nevado *adj* snow-covered | *nm* firnfield, névé | snowcapped mountain, mountain with perpetual snow
nevero *nm* perennial snowcap or snowfield
neviza *nf* firn, névé
niagariense *adj* Niagaran
nicle *nm* a *var* of chalcedony with some bands darker than others
nicol *nm* nicol | *nicos cruzados* crossed nicols
nicolita *nf* niccolite, nicolite, nickeline
nicopirita *nf* pentlandite
niche *nm* niche | *n. de nivación* nivation hollow | *n. de rompiente* [geomorph] cove
nidada or **nida de oro** *nf* nest of gold
nido *nm* pocket (of ore) | nest (of minerals)
niega *nf* [Cartagena, Sp] sterile portion of a vein
nieve *nf* snow | *n. penitente* penitent, sun spike | *n. pulverulenta* powdery snow
nife *nm* earth's inner core, nife, sial
nifesima *nf* earth's inner core
níkel *nm* nickel
niobio *nm* niobium
niobofilita *nf* niobophyllite
níquel *nm* nickel | nickel ore | *n. arsénical* niccolite | *n. blanco* chloanthite | *n.-hierro* nickel-iron
niquelhexahidrita *nf* nickelhexahydrite
niquelífero,-ra *adj* nickel-bearing, nickeliferous
niquelina *nf* nickeline, niccolite
niquelocre *nm* annabergite
nitral *nm* nitrate bed or deposit | nitrate works
nitratina *nf* soda niter, nitratite, caliche
nitratita *nf* soda niter, nitratite, caliche
nitrato *nm* nitrate | *n. de amonio* ammonium nitrate | *n. de chile* saltpeter | *n. de potasio* potassium nitrate | *n. de sodio* sodium nitrate | *n. sódico* sodium nitrate
nitresa *nf* nitrate bed or deposit | nitrate works
nitrería *nf* niter bed | nitrate reduction works
nítrico,-ca *adj* nitric
nitrificación *nf* nitrification

nitro *nm* nitrate | niter, saltpeter | *n. de chile* soda niter | *n. potásico* potash niter | *n. sódico* soda niter
nitrógeno *nm* nitrogen
nitroso,-sa *adj* nitrous
nitruo *nm* nitride
nivación *nf* nivation
nivel *nm* level, height | level (tool) | [Santander, Sp] bed of calamine, worked as benches in a quarry | *n. de agrimensor* surveyor's level | *n. de(l) agua* water level | *n. de agua freática* water table | *n. de arrastre* haulage level | *n. de base* base level | *n. de burbuja* spirit level | *n. de confianza* confidence level | *n. de creciente* flood water level | *n. de erosión* | *n. de la galería* adit level | *n. de explotación* working level | *n. de extracción* hoisting level, winding level | *n. de fluido* fluid level (in a well) | *n. de la napa freática* phreatic water level | *n. de rebanada* slice level | *n. de saturación* level of saturation | *n. de suelo* ground level | *n. del mar* sea level | *n. esférico* spherical level | *n. estático* static water level | *n. estructural* structural stage | *n. fondo* grade level | *n. freático* water table | *n. hidráulico* level of saturation | *n. hidrostático* (ground)water level | hydrostatic level | *n. iluvial* illuvial horizon | *n. inferior* lower level | *n. intermediario* Intermediate level | *n. intermedio* blind level | *n. medio del mar* mean sea level | *n. paralelo* parallel heading | *n. piezométrico* hydraulic gradient | piezometric level | *n. principal* Main level | *n. superior* upper level | *al mismo n.* at the same level | *al n. de* on a level with | *a n.* level
nivelación *nf* leveling, aplanation
nivelador,-dora *adj* levelling | *nm* or *nf* leveller
nivelar *vtr* to level, survey (topographic mapping)
niveles *nmpl* water-bearing strata
niveleta *nf* levelling staff
no alterado,-da *adj* unaltered
no asfáltico,-ca *adj* nonasphaltic
nobelio *nm* nobelium
nobleza *nf* richness (of ore)
nocerita *nf* fluoborite
no concordancia *nf* nonconformity
nochistle *nm* [Méx] chalcopyrite | [Tasco, Méx] proustite
nódulo *nm* nodule | [Col] ore shoot | *n. ferruginoso* ferruginous nodule | *n. ferrífero* ball ironstone
noduloso,-sa *adj* nodular

- no estratificado,-da** *adj* unstratified
no explorado,-da *adj* unexplored
no explotado,-da *adj* unexploited, unworked
no ferroso,-sa *adj* nonferrous
no indurado,-da *adj* not indurated
nolí *nm* [Col] antimony oxysulphide derived by oxidation of stibnite
no metálico *nm* nonmetallic
nomograma *nm* nomograph
no polar *adj* non-polar
noque *nm* [Ch] large stone receptacle for calcining ores | stone through which amalgam is washed in the *patio* process | [Pe] canvas sack used to recover mercury from amalgam
nordfieldita *nf* esmeraldite
no renovable *adj* nonrenewable
norfolkense *adj* Norfolk | *nm* Norfolk
noría *nf* chain of buckets used to dewater mines | water wheel used to dewater mines
noriano,-na *adj* Norain
norriense *adj* Norian
norilskita *nf* norilskite
norma *nf* norm | pattern
normalización *nf* normalization
normalizar *vt* to normalize (math)
normativo,-va *adj* normative
norte *nm* north | *n. de brújula* compass north | *n magnético* magnetic north | *n. verdadero* true north
northfieldita *nf* esmeraldite
noseanolito *nm* noseanolith
nosena *nf* nosean, noselite
Notosilopeano *nm* [Patagonia, Arg] a local age at the base of the Miocene
novaculítico,-ca *adj* novaculitic
novato *nf* worker with no experience in drilling wells, "boll weevil"
nube *nm* cloud | *n. ardiente* ash flow | *n. de cenizas* ash cloud
núcleo *nm* nucleus | core | [Río Tinto, Sp] nodule of copper ore | *n. antiguo* shield | *n. atómico* atomic nucleus | *n. de la tierra* earth's core | *n. de pliegue* arch core | *n. del sinclinal* trough core | *n. mineralizado* ore shoot | *n. terrestre* earth's core | *n. testigo* drill core
nucleogénesis *nf* nucleogenesis
nudo *nm* kink | knot of ore, etc. | junction of two mountain ranges
nudoso,-sa *adj* knotty, bunched
nuevita *nf* samarskite
nuevoleoniense *adj* Nuevoleonian
numérico,-ca *adj* numerical
número *nm* number | *n. al azar* random number | *n. atómico* atomic number | *n. de octano* octane number
numulítico,-ca *adj* Paleogene
nusco *nm* [Amazonas, Pe] gold-bearing iron and manganese oxide-talc-quartz ore

O

- obducción** *nf* obduction
- obispo** *nm* [Calif] condensed oil extracted from some crude oils | [Ch] caliche with a purplish hue
- objetivo** *nm* objective, objective lens
- oblicuo,-cua** *adj* oblique
- oblongo,-ga** *adj* oblong
- obra** *nf* work, labor | piece of work | *obra de desfrute* workings in ore | *obra muerta* dead workings, workings in barren rock
- obrador** *nm* workman, laborer
- obradora** *nf* [Méx] rock that breaks easily (*o. buena*) or or with difficulty (*o. mala*) when worked
- obrajero** *nm* foreman, overseer
- obrero** *nm* worker, laborer | *o. minero* Mine worker | *o. sondista* roughneck
- obrizo,-za** *adj* pure, refined
- obrizo** *nm* fine gold
- obsecuente** *adj* obsequent
- observación** *nf* remark | observation | *observaciones aparejadas* paired observations
- observado,-da** *adj* observed
- obsidiana** *nf* obsidian | *o. de pénjamo a var* of obsidian highly valued by natives of México
- obsidianita** *nf* obsidianite (*obs* tektite)
- obstáculo intermedio** *nm* stable zone between mobile belts
- obstruido,-da** *adj* obstructed | [Bol] blocked out (ore)
- obturación** *nf* obturation, filling
- obtusángulo** *nm* obtuse angle
- obtuso,-sa** *adj* obtuse
- occidental** *adj* occidental, of inferior quality (gems)
- ocelar** *adj* ocellar
- ocelo** *nm* ocellus
- oclusión** *nf* occlusion, absorption
- ocre** *adj* ochrous | *nm* ocher | *o. almagro* red ocher | *o. amarillo (de hierro)* yellow ocher, limonite | *o. antimonial* antimony ocher, stibconite, cervantite | *o. azul* blue ocher, azurite | *o. colorado* red ocher | *o. de antimonio* antimony ocher | *o. de Armenia* a dark red clay from Lemnos, Greece | *o. de búcares* an orange-red ocher from Portugal | *o. de cobre* malachite | *o. de hierro* paint rock | *o. de manganeso* wad | *o. de montaña* red ocher | *o. de níquel* annabergite | *o. de plomo* cerussite | *o. de tungsteno* tungstite | *o. marcial* limonite | *o. negro* wad | *o. plomífero* massicot, litharge | *o. rojo* red ocher | *o. tungsteno* tungstite, ferrotungstite
- ocroíta** *nf* cerite
- ocrolita** *nf* nadorite
- octaédrico,-ca** *adj* octahedral
- octaédrita** *nf* octahedrite (meteorite) | anatase (mineral)
- octaedro** *nm* octahedron
- octafilíta** *nf* octaphyllite
- octano** *m* octane
- oculto,-ta** *adj* occult
- ochava** *nf* two *adarmes* or 72 *granos*
- ochoense** *adj* Ochoan
- ochran** *nm* [Oravieza, Sp] a yellow clay
- oerstedio** *nm* oersted
- oficalcita** *nf* ophicalcite
- oficarbonato** *nm* ophicarbonite
- oficina** *nf* [Pe, Ch] nitrate works | [Méx] furnace used to retort mercury | *o. de beneficio* mill | *o. de concentración* concentrator | *o. de fundición* smelter
- ofiolita** *nf* ophiolite
- ofiolítico,-ca** *adj* ophiolitic
- ofita** *adj* ophite
- ofítico,-ca** *adj* ophitic
- ohmio** *nm* ohm
- oikocrist** *nm* oikocryst
- oitava** *nf* [Méx] a weight of approximately 17.5 carats
- ojiva** *nf* ogive
- ojo** *nm* small irregular bunch of ore | (SWUS) very small lake, pond | *o. de agua* spring discharging on a plain | *o. de gato* cat's eye, a variety of agate | *o. de muerto* [Cauca, Col] a porphyry with large white porphyroblasts | *o. de pavo real a var* marble | *o. de perdiz* finely-crystalline galena | *o. de pescado a var* of apophyllite | *o. de polvillo* patch of rich ore | *o. de tigre* tiger's eye | *o. de víbora* [Zacatecas, Méx] yellow sphalerite | *o. termal* hot spring
- olefina** *nm* olefin
- olenekiense** *adj* Olenkian
- oleoducto** *nm* pipeline
- Olenense** *nm* Potsdam
- Olenidense** *nm* Potsdam
- oligisto** *nm* specular hematite | *o. micáceo* micaceous iron ore | *o. rojo* hematite
- oligocénico,-ca** *adj* Oligocene
- oligoceno,-na** *adj* Oligocene | *nm* Oligocene
- oligoclasa** *nf* oligoclase

- oligoclasita** *nf* oligoclasite (*obs*, variety of diorite)
- oligoelemento** *nm* trace element
- oligofiro** *nm* oligophyre (*obs*, variety of diorite)
- oligomíctico,-ca** *adj* oligomictic
- oligopélico,-ca** *adj* oligopelic
- oligosita** *nf* oligoclasite (*obs*, variety of diorite)
- oligotrofia** *nf* oligotrophy
- oligotrófico,-ca** *adj* oligotrophic
- olisoglifo** *nm* olistoglyph
- olistrostroma** *nf* olistrostroma
- olivina** *nf* olivine *impr*
- olivinita** *nf* olivinite
- olivino** *nm* olivine
- olivinoide** *nm* olivinoid
- olla** *nf* whirlpool | [Méx] slag pot | [Sp] cirque | *o. de gigante* pot hole | *o. de remolineo* pot hole
- ollero** *nm* [Méx] a worker who handles slag pots
- olleta** *nf* [Antioquia, Col] pot-holes in bedrock of placers
- ollo de sapo** *nm* [Sp] augengneiss
- ombrogénuo,-nua** *adj* ombrogenous
- omfacita** *nf* omphacite
- omisión** *nf* [strat] omission
- onda** *nf* wave (electromagnetic or sonic) | *o. acústica* acoustic wave | *o. de explosión* detonation wave | *o. longitudinal* longitudinal wave | *o. parasita de superficie* ground roll | *o. reflejada* reflected wave | *o. refractada* refracted wave | *o. sísmica* seismic wave | *o. sonora* sound wave | *o. superficial* surface wave | *o. transversal* transverse wave | *o. transmisora* carrier wave
- ondeante** *adj* undulating
- óndula** *nf* [Arg] ripple | *o. descendente* downslope ripple | *o. incompleta* star ripple
- ondulación** *nf* undulation | [Sp] ripple | ripple mark | *o. asimétrica* asymmetric ripple mark | *o. conjugada* compound ripple mark | *o. de cauce* ripple scour | *o. de interferencia* cross-ripple | *o. de resaca* backwash ripple mark | *o. linguloide* cusped or linguloid ripple mark | *o. simétrica* symmetric ripple mark | *o. transversa* transverse ripple mark
- ondulado,-da** *adj* undulate, undulated
- ondulante** *adj* undulating
- ondulita** *nf* [Arg] ripple mark | *o. asimétrica* asymmetric ripple mark | *o. conjugada* compound ripple mark | *o. de cauce* ripple scour | *o. de resaca* backwash ripple mark | *o. linguloide* cusped or linguloid ripple mark | *o. simétrica* symmetric ripple mark | *o. transversa* transverse ripple mark
- simétrica** symmetric ripple mark | *o. transversa* transverse ripple mark
- ónice** *nm* onyx | *ó. de Argelia* calcite stalagmite or stalagmite
- ónique** *nm* onyx
- ónix** *adj* onyx | *nm* onyx | *o. Mexicano* alabaster
- onokoide** *nm* onokoid
- onondagiense** *adj* Onondagan
- Ontariano** *nm* Ontarian
- onza** *nf* ounce
- ooid** *nm* ooid
- oofásmico,-ca** *adj* oophasmic
- oolita** *nf* oolite | *o. férrica* oolitic iron ore, minette
- oolítico,-ca** *adj* oolitic
- oolitización** *nf* oolithization
- oolito** *nm* oolith
- oolitoide** *nm* oolithoid
- ooloide** *nm* ooloid
- oovoide** *nm* oovoid
- opacidad** *nf* opacity
- opacita** *nf* opacite
- opaco,-ca** *adj* opaque
- opulado,-da** *adj* opalized
- opalescencia** *nf* opalescence
- opalescente** *adj* opalescent
- opalino,-na** *adj* opalescent, opal, opaline | *nf* opaline
- opalizado,-da** *adj* opalized
- ópalo** *nm* opal | *ó. común* common opal | *ó. de fuego* fire opal | *ó. de madera* wood opal | *ó. dorado* fire opal | *ó. fino* fine opal | *ó. jaspeado* jaspopal | *ó. lechoso* milk opal
- operario** *nm* working miner
- operación** *nf* operation
- operacional** *adj* [strat] operational
- operador,-dora** *nm/f* operator
- opisometro** *nm* opisometer
- opoca** *nf* Opoka
- óptico,-ca** *adj* optalic, caustic
- óptica** *nf* optics | *ó. cristalográfica* optical crystallography
- óptico,-ca** *adj* optic, optical
- optimación** *nf* optimization | *o. en la recuperación de petróleo* enhanced oil recovery
- opuesto,-ta** *adj* opposite
- oquedad** *nf* pore, cavity, vug | channel of communication between orebodies
- orbiculo** *nm* orbicule
- órbita** *nf* orbit
- orden** *nm* order | *o. de cristalización* order of crystallization
- ordenación** *nf* [Sp] data processing

- Ordenanzas de Minería** *nfpl* mining laws introduced to México in 1784 and remaining in effect until the *código de minas* of 1884
- Ordenanzas de Nueva España** *nfpl* mining laws in force in Perú from 1786 to 1900
- Ordenanzas del Nuevo Cuaderno** *nfpl* mining law established by King Phillip II of Spain
- ordoñezita** *nf* ordonezite
- Ordovicense** *nm* Ordovician
- ordoviciano,-na** *adj* Ordovician
- ordovícico,-ca** *adj* Ordovician | *nm* Ordovician
- orelliense** *adj* Orellan
- orfeíta** *nf* orpheite
- organal** *nm* [Col] gold-bearing gravels intercalated with boulders and cobbles rendering exploitation difficult
- orgánico,-ca** *adj* organic
- organigrama** *nm* chart
- organógeno,-na** *adj* organogenic
- organometálico,-ca** *adj* organometallic
- organosedimentario,-ria** *adj* organosedimentary
- orientación** *nf* direction | orientation | *o. preferencial* preferred orientation
- oriental** *adj* oriental, genuine (gems)
- orientación** *nf* orientation
- orientado,-da** *adj* oriented
- orientar** *vtr* to orient
- oriente** *nm* orient (gems)
- orificio** *nm* opening
- orilla** *nf* river bank | shore (sea or lake) | edge, side | selvage | rim | *o. cóncava* concave bank | *o. convexa* convex bank | *o. de arcilla* or *de barro* clay selvage | *o. de deslizamiento* landslide scar or terrace
- orillo** *nm* selvage
- orín** *nm* rust
- oriskaniense** *adj* Oriskanian
- orito** *nm* [Col] color, traces of gold found in a gold pan
- orizita** *nf* epistilbite
- orla** *nf* border, fringe | *o. continental* continental borderland | *o. freática* capillary fringe
- oro** *nm* gold | *o. argental* copper-bearing electrum | *o. bajo* gold ore of low grade | *o. batito* beaten gold | *o. blanco* white gold | *o. blanco de Colombia* amalgam | *o. bruto* gold bullion | *o. corrido* [Ch] placer gold | *o. crespo* [Col] distal placer gold | *o. cristalizado* natural crystal of gold | *o. de aluvión* placer gold | *o. de barranca* [Col] gold from the *cerros* of Santa Rosa | *o. de escama* [Col] spangle gold | *o. de espuma* [Col] float gold | *o. de gato (de los gatos)* biotite with a gold-like or metallic color, fool's gold | *o. de lavadero* gold that can be panned or washed | *o. de ley* fine gold | *o. de molino* gold obtained in trunking | *o. de monte* [Col] gold from the mines of Angostura, Antioquia (distal placer gold deposits) | *o. de Nagyag* nagyagite | *o. de recogida* [Col] a lot of gold obtained from several mines | *o. de veta* vein gold | *o. empolvado* gold dust | *o. en barras* gold bullion | *o. en hojas* gold leaf | *o. en panes* gold leaf | *o. en pasta* gold bullion | *o. en polvo* gold dust | *o. filoniano* vein gold | *o. fino* [Col] distal placer gold | *o. greda* [Vz] placer gold | *o. guaín* gold under legal standard | *o. libre* free gold | *o. mate* unpolished gold | *o. molido a mano* gold obtained by hand grinding | *o. moscorroffio* [Col] wire gold found in placers | *o. nativo* native gold | *o. negro* [Vz] gold covered by iron oxide and organic matter which will not amalgamate | *o. niño* [Col] float gold | *o. paradójico* native tellurium | *o. puro* fine gold | *o. refinado* refined gold | *o. verde* gold of a greenish color | *o. virgen* gold bullion
- oroclino** *nm* orocline
- orocrático,-ca** *adj* orocratic
- oroche** *nm* [Méx] bullion containing both gold and silver | *o. natural* electrum
- orogen** *nm* orogenic belt
- orogénesis** *nm* mountain building, orogenesis, orogeny
- orogenético,-ca** *adj* orogenetic
- orogenia** *nf* mountain building, orogenesis, orogeny
- orogénico,-ca** *adj* orogenic
- orógeno** *nm* orogenic belt, orogen
- orogeosinclinal** *nm* orogeosyncline
- orografía** *nf* orography
- orográfico,-ca** *adj* orographic
- orimetría** *nf* orometry
- oropimente** *nm* orpiment
- oropión** *nf* a soft, brown or reddish black clay
- oroseíta** *nf* iddingsite
- ortita** *nf* orthite, allanite
- ortoanfíbol** *nm* orthoamphibole
- ortoandesita** *nf* orthoandesite (*obs*, orthopyroxene andesite)
- ortobituminoso,-sa** *adj* orthobituminous
- ortobromita** *nf* embolite
- ortocaliza** *nf* ortholimestone
- ortoclase** *nf* orthoclase
- ortoclasita** *nf* orthoclasite (*obs*, granite, syenite)
- ortoclino** *nf* orthocline

- ortoclorita** *nf* orthoclorite
ortoconglomerado *nm* orthoconglomerate
ortocronología *nf* orthocronology
ortocrísotil *nm* orthochrysotile
ortocuarcita *nf* orthoquartzite
ortocuarcítico,-ca *adj* orthoquartzitic
ortodolomía *nf* orthodolostone
orto-eje *nm* orthoaxis
ortoesquisto *nm* orthoschist
ortoestratigrafía *nf* orthostratigraphy
ortofelsita *nf* orthophyre
ortofírico,-ca *adj* orthophyric
ortófiro *nm* orthophyre (*obs*)
ortogeosinclinal *nm* orthogeosyncline
ortogneis *nm* orthogneiss
ortogonal *adj* orthogonal
ortográfico,-ca *adj* orthographic
ortogranito *nm* kaligranite
ortohídrico,-ca *adj* orthohydrous
ortolignítico,-ca *adj* ortholigneous
ortomagmático,-ca *adj* orthomagmatic
ortomarmól *nm* orthomarble
ortomatriz *nf* orthomatrix
ortométrico,-ca *adj* orthometric
ortomímico,-ca *adj* orthomimic
ortomórfico,-ca *adj* orthomorphic, conformal
ortomorfismo *nf* orthomorphism, conformality
ortoneis *nf* orthogneiss
ortopiroxenita *nf* orthopyroxenite
ortopiroxeno *nm* orthopyroxene
ortorroca *nf* orthorock
ortorrómbico,-ca *adj* orthorhombic
ortosa *nf* orthoclase | *o. descompuesta* kaolinized
 orthoclase | *o. sódica* sanidine
ortosilicato *nm* orthosilicate
ortosita *nf* orthosite
ortotéctico,-ca *adj* magmatic
ortotectonismo *nm* orthotectonics, alpinotype
 tectonics
oruga *nf* bulldozer, caterpillar tractor, "cat"
oscilación *nf* oscillation
oscilar *vtr* to oscillate
osificación *nf* ossification
osificar *vtr* to ossify
osificarse *vpr* to become ossified
osipita *nf* ossipite (*obs, var* of troctolite)
osmio *nm* osmium
osmiridio *nm* osmiridium
ostrácodo *nm* ostracod
otajanita *nf* ottajanite (*obs, leucite trachybasalt*)
oulofolita *nf* oulofolite, cave flower
ovillo *nm* skein | *en forma de o.* tangle-shaped,
 tangled-up
ovoide *adj* ovoid, oviform, egg-shaped
ovoideo,-da *adj* ovoid, oviform, egg-shaped
oviforme *adj* oviform, ovoid, egg-shaped
oxalita *nf* humboldtine
oxamita *nf* oxammite
oxfordiano,-na *adj* Oxfordian
oxfordense *adj* Oxfordian | *nm* Oxfordian
oxibasiofítico,-ca *adj* oxybasiophitic
oxicloruro *nm* oxychloride | *o. de cobre*
 atacamite
oxidación *nf* oxidation, oxidizing
oxidante *adj* oxidizing
oxidar *vtr* to oxidize
oxidato *nm* oxidate
oxidita *nf* oxidite, shale-ball
óxido *nm* oxide | *ó. cúprico* tenorite | *ó. de calcio*
 quicklime | *ó. de cinc* calamine, zincite | *ó. de*
circonio baddeleyite | *ó. de cobre* cuprite,
 tenorite | *ó. de estaño* cassiterite | *ó. de hierro*
 iron oxide | *ó. de manganeso* manganese oxide,
 pyrolusite | *ó. de mercurio* hydrargyrite | *ó. de*
paladio paladite | *ó. de titanio* titanium dioxide |
ó. de urano uraninite | *ó. de zinc* zinc oxide | *ó.*
férrico ferric oxide | *ó. hidratado* hydrated oxide
 | *ó. rojo de cinc* zincite
oxigenado,-da *adj* oxygenated
oxígeno *nm* oxygen
oxihornblenda *nf* oxyhornblende, basaltic
 hornblende
oximagnita *nf* oxymagnite, maghemite
oximesostasis *nf* oxymesostasis
oxiofítico,-ca *adj* oxyophitic
oxisfera *nf* oxisphere
oxoferrita *nf* oxoferrite
Ozarkense *nm* Ozarkian (*obs*)
ozoquerita *nf* ozocerite, native paraffin

P

- pabellón** *nm* pavilion (of a precious stone)
- paco** *nm* [Bol, Pe] gossan, oxidized or partly oxidized ore of a reddish color | [Ch] silver chloride ore
- pacoso,-sa** *adj* [Pe] oxidized, gossany
- pack** *nm* pack ice
- pachamanca** *nf* [Pe] a small reverboratory furnace
- pachapampa** *nf* [Pe] ore cobbed from waste
- pachas** *nfpl* [Pe] gypsum
- padrastal** *nm* sterile vein cutting a mineralized vein
- padre del sal** *nm* crystalline selenite
- padrón** *nm* register of a denounced (filed) claim
- pago** *nm* payment | *p. en producción* production payment loan
- paigeita** *nf* vonsenite
- paila** *nf* large pan | *p. de amalgamación* amalgamating pan
- país** *nm* country | *p. bajo* flatland | *p. marginal* borderland
- paisaje** *nm* landscape
- paja quemada** *nf* [Potosí, Bol] plumosite which resembles burnt straw
- pájaro minero** *nm* [Vz] a species of bird which was thought to be a sure indicator of placer gold
- pajuela** *nf* ore that glitters | *pajuela de oro* grains of gold
- pala** *nf* shovel | [Méx] treading of *torta* by foot in the *patio* process of amalgamation of silver ores | *p. de turbero* peat cutter
- palacra** or **palacrana** *nf* nugget of native gold | gold ingot
- paladio** *nm* palladium
- paladioarseniuro** *nm* palladioarsenide
- paladiobismutoarseniuro** *nm* palladiobismutharsenide
- palagonización** *nf* palagonization
- palaita** *nf* hureaulite
- palasita** *nf* pallasite
- palasomo** *nm* palasome
- palatiense** *adj* Palatinian, Pflanzian
- paleador** *nm* shoveller
- paleaduro** *nm* shovelling
- paleaje** *nm* shovelling
- palear** *vtr* to shovel
- paleoacuífero** *nm* paleoaquifer
- paleoambiente** *nm* paleoenvironment
- paleoautoctono** *nm* paleoautochthon
- paleobatimétrico,-ca** *adj* paleobathymetric
- paleobotánica** *nf* paleobotany
- paleocanal** *nm* paleochannel
- paleocarst** *nm* paleokarst
- paleocénico,-ca** *adj* Paleocene
- paleoceno,-na** *adj* Paleocene | *nm* Paleocene
- paleoclima** *nm* paleoclimate
- paleoclimático,-ca** *adj* paleoclimatic
- paleoclimatológico,-ca** *adj* paleoclimatologic
- paleoclimatología** *nf* paleoclimatology
- paleodrenaje** *nm* paleodrainage
- paleoecuador** *nm* paleoequator
- paleofiro** *nm* paleophyre (*obs.*, andesite)
- paleofítico,-ca** *adj* paleophytological
- paleofitología** *nf* paleophytology
- paleógeno,-na** *adj* Paleogene | *nm* Paleogene
- paleogeografía** *adj* paleogeography
- paleogeográfico,-ca** *adj* paleogeographic
- paleogeológico,-ca** *adj* paleogeologic
- paleogeomorfología** *nf* paleogeomorphology
- paleohidrología** *nf* paleohydrology
- paleolatitudino** *nm* paleolatitude
- paleolimnología** *nf* paleolimnology
- paleolitológico,-ca** *adj* paleolithologic
- paleomagnético,-ca** *adj* paleomagnetic
- paleomagnetismo** *nm* paleomagnetism
- paleorelieve** *nm* paleorelief
- paleontología** *nf* paleontology
- paleontológico,-ca** *adj* paleontological
- paleontólogo,-ga** *nm* and *nf* paleontologist
- paleosalinidad** *nf* paleosalinity
- paleosol** *nm* paleosol | hard ground
- paleotectónico,-ca** *adj* paleotectonic
- paleotermal** *adj* paleothermal
- paleotermometría** *nf* paleothermometry
- paleotopografía** *nf* paleotopography
- paleoviento** *nm* paleowind
- paleovolcánico,-ca** *adj* paleovolcanic, pre-Tertiary
- paleovulcanología** *nf* paleovolcanology
- paleozoico,-ca** *adj* Paleozoic | *nm* Paleozoic
- palero** *nm* shoveller
- paleta** *nf* small shovel | [Alicante, Sp] tool for breaking up and lifting thin layers of precipitated salt
- paletapa** *nf* palstage
- palevento** *nm* palevent
- paligorskita** *nf* palygorskite
- palingénico,-ca** *adj* palingenic
- palingénesis** *nf* palingenesis
- palinología** *nf* paynology

- palinspático,-ca** *adj* palinspastic
- palita** *nf* pallite, ferrian millesite
- palmo** *nm* one quarter of a *vara*
- palse** *nm* pingo
- palustre** *adj* swampy
- palla** *nf* a fixed amount of ore to be carried out of a mine by an *apiri* during a workshift | [Bol, Pe] hand sorted ore, hand sorting
- pallaco** *nm* [Bol, Pe] a piece of ore found in tailings or waste heaps | tailings
- pallador** *nm* [Bol, Pe] ore sorter
- pallaquear** or **pallar** *vtr* to sort or pick *pallacos* from waste dumps | [Bol, Pe] to hand sort ore
- pallaqueo** *nm* [Bol, Pe] hand-sorting of ore
- palliri** *nm* a worker employed to sort ore (usually a woman)
- pallón** *nm* assay button
- pampa** *nf* pampa, a grassy plain
- panabás** or **panabasa** *nf* [Pe] tetrahedrite, tennantite
- panal de rosa** *nm* [Amazonas, Pe] gold-bearing quartz occurring in a stockwork (this ore was of less value than *nusco* as it was more difficult to extract and crush)
- pandermita** *nf* priceite
- panetita** *nf* panethite
- panidiomorfo,-fa** *adj* idiomorphic
- panidiomorfo-granular** *adj* idiomorphic
- panino** *nm* [Méx] country rock (classified by miners according to strength: *p muy blando* rock easy to work but too soft to be timbered; *p. blando* soft rock that can and must be timbered; *p. favorable* ordinary ground worked by drilling and blasting; *p. macizo* and *p. muy pacizo* rock difficult or very difficult to work) | *p. cenizo* [Guadalcazar, Méx] clay stringers and pipes resembling moist bone ash closely associated with mercury mineralization
- paniso** or **panizo** *nm* [Bol, Pe] altered rock, gangue, gouge | [Hualgáyoc, Pe] feldspathic gangue | [Pataz, Pe] argillized feldspar rich rock associated with gold ore | [Ch, Pe] trachytic country rock | *p. ahuesado, ahumado* or *verde* [Chañarcillo, Pe] diabase sills intruding limestone
- pannoniense** *adj* Pannonian
- pantalla** *nf* [Bol] dike
- pantano** *nm* swamp, marsh | depression where water collects
- pantanoso,-sa** *adj* swampy
- papa** *nm* nugget of native gold | nodule of any mineral | [Arg] nodule of ulexite found in saline marshes
- paquete** *nm* complex, series | *p. de estratos* sedimentary complex | *p. de mantos* series of overthrust sheets
- parabituinoso,-sa** *adj* parabituinous
- paracelsiano** *nm* Paracelsian
- paraclasa** *nf* fault
- paraconcordancia** *nf* paraconformity
- paraconcordante** *adj* paraconformable
- paracrisotil** *nf* parachrysotile
- paracronología** *nf* parachronology
- parada** *nf* [Méx] work gang or crew, pare | *p. a la carga* crew paid by the load | *p. de busca* crew paid by proportion of ore worked | *p. de fuelles* small furnace for smelting silver ores | *p. de hacienda* or *de obra* crew paid by the day worked | *p. rayada* crew paid by eight hour shift worked
- paradiagenético,-ca** *adj* paradiagenetic
- paradiscordancia** *nf* paraunconformity
- paraestratigrafía** *nf* parastratigraphy
- paraestratigráfico,-ca** *adj* parastratigraphic
- parafina** *nf* paraffin
- parafínico,-ca** *adj* paraffinic
- paragenético,-ca** *adj* paragenetic
- parageosinclinal** *nm* parageosyncline
- paragneis** *nm* paragneiss
- paragón** *nm* paragon (variety of diamond)
- paralelo,-la** *adj* parallel | *nm* parallel | gallery driven parallel to a main gallery
- paraliageosinclinal** *nm* paraliageosyncline
- parálico,-ca** *adj* paralic, marginal
- paralóctono** *nm* parallochthon
- paramagnético,-ca** *adj* paramagnetic
- paramagnetismo** *nm* paramagnetism
- paramento** *nm* face of hewn stone
- paramera** *nf* desert | altiplano
- paramétrico,-ca** *adj* parametric
- parámetro** *nm* parameter
- paramilla** *nf* [Ch] low range of mountains
- páramo** *nm* altiplano
- paramorfismo** *nm* paramorphism
- paramorfo** *nm* paramorph
- paraóndula** *nf* para-ripple
- pararizada** *nf* para-ripple
- parasítico,-ca** *adj* parasitic
- paratectónico,-ca** *adj* paratectonic | *nm* paratectonics, Germanotype tectonics
- paratellurita** *nf* paratellurite
- paratipo** *nm* paratype

- parautóctono,-na** *adj* parautochthonous | *nm* parautochthon
- paravan** *nm* paravane
- paravolastonita** *nf* parawollastonite
- parcionero** *nm* [Méx] partner in a mining venture
- parche** *nm* patch of rock
- parchetita** *nf* parchettite (*obs*, leucite trachyandesite)
- pardo,-da** *adj* earth-colored, brown, grey
- pardo** *nm* the color of earth | [Méx] oxidized ore | *p blanquizo* silver grey
- pardusco,-ca** *adj* earth-colorish, brownish, greyish
- pared** *nf* wall | side or wall of a vein
- paria** *nf* [Pe] cinnabar
- pariente** *adj* allied
- parogenético,-ca** *adj* parogenetic
- paroxismo** *nm* paroxysm
- paroxisimo,-ma** *adj* paroxysmal
- parragón** *nm* standard silver for assayers
- parranthina** *nf* scapolite
- parte** *nf* part, share | *p. bien mineralizada* pay shoot | *p. del propietario* landowner royalty
- participación** *nf* share, interest | *p. del concesionario* working interest
- partícula** *nf* particle | *p. alfa* alpha particle | *p. beta* beta particle | *p. gamma* gamma particle | *p. libre* free particle
- partidano** *nm* [Cartagena, Sp] miner who works iron ore to a shallow depth only
- partido** *nm* [Méx] division of ores between owners, investors, workers, etc | portion of ore paid by miners to owners or by owners to miners
- partidor** *nm* ore sorter
- partridgeita** *nf* bixbyite
- parva** *nf* charge or mixture for a smelter
- parvero** *nm* persons who mix charges for a smelting furnace
- pasadeniense** *adj* Pasadenian
- paseo de tierras** *nm* transport on the backs of laborers
- pasivo,-va** *adj* passive
- paso** *nm* pass | any underground passage, drift or gallery | linear measure equivalent to two footsteps | *p. real* main gallery
- pasta** *nf* paste | matrix, groundmass | [Bol] refractory ore | [Méx] silver ores of less than high grade | [Ozamatlan, Méx] argentite | [Guerrero, Méx, Ch] silver-rich tetrahedrite | [Zacualpan, Méx] silver-bearing pyrite | [Sinaloa, Méx] coating of ore on a rock | [Méx] amalgam of gold and silver | *p. china* silver ores in rounded pieces | *p. morada* silver ores purplish in color | *p. mantecosa* silver ores lead gray in color, considered to be of inferior quality | *p. negra* black silver ores considered to be of better quality | *p. mixta* silver bullion | *p. vitrea* glass
- pastoso** *nm* [Asientos, Méx] high grade copper ore
- pata de perro** *nf* dog leg, deviation of a well
- patente** *nf* [Bol, Ch] an annual tax on mines figured as a fixed rate per hectare or claim
- paternoita** *nf* kaliborite
- patrón** *nm* pattern, framework, as in *el patrón estructural* 'the structural pattern' | template
- pátina** *nf* patina | *p. del tiempo* weathering | *p. desértica* desert varnish
- patinación** *nf* patination
- patio** *nm* yard, court or floor used in the process of *beneficio de patio*, a cold heap amalgamation method for extracting silver from ores invented by Bartolomé de Medina at Pachuca, México in 1557 and introduced into Perú in 1574 | *p. de amalgamation* amalgamation floor
- paurocristalino,-na** *adj* paurocrystalline
- pavonado,-da** *adj* dark blue | blued, bronzed
- pavonado** *nm* [Pe] tetrahedrite, (sometimes used for tennanite, jamesonite, enargite, bourmonite and other sulfarsenides and sulfantimonides of lead) | deeper, unoxidized silver ores, below the *bronces*, consisting of silver sulphides and sulphoantimonates | *p. fino* malinowskite
- pechblenda** *nf* pitchblende
- pecho de paloma** *nm* [Chacas, Pe] iron staining on the surface of coal seams
- pedernal** *nm* flint | chert | [Pe] silver ore consisting of iron oxide bearing quartzose sands
- pedimentación** *nf* pedimentation
- pedimento,-ta** *adj* pediment | *nm* pediment
- pedragal** *nm* gravel bet | stony ground | quarry
- pedregón** *nm* [Ch] boulder
- pedregoso,-sa** *adj* stony, rocky
- pedregullo** *nm* gravel | *p. de ladera* [Arg] talus
- pedrejal** *nm* quarry
- pedrera** *nf* quarry
- pedrería** *nf* precious stones
- pedrero** *nm* stone cutter | [Ch] stony ground
- pedriscal** *nm* stony or rocky ground
- pedrizo,-za** *adj* stony, rocky | *nf* stony or rocky ground | gravel bed | quarry

- pedrosita** *nf* hornblende
pedrusco *nm* rough stone, boulder | [Méx] cobble
pegadura *nf* dirt, mud, smudge, etc., found on the walls of old mines
pegmatita *nf* pegmatite
pegmatítico,-ca *adj* pegmatitic
pegmatización *nf* pegmatitization
pegmatoide *nm* pegmatoid
pegmatofírico,-ca *adj* granophyric
pegmatofiro *nm* granophyre
pegmatolita *nf* orthoclase
peladilla *nf* small quartz pebble
pelágico,-ca *adj* pelagic
peleano,-na *adj* Peelean
pelítico,-ca *adj* pelitic
pelitomórfico,-ca *adj* pelitomorphic
pelo *nm* opaque streak that mars gemstones | *p. de venado* [Chacas, Pe] stibnite in fine needles
pelodita *nf* pellodite, pelodite
peloide *nm* peloid
pelolítico,-ca *adj* argillaceous
peltre *nm* spelter
pella *nf* mass of native metal | amalgam produced by the *patio* process of amalgamating silver ore, well washed, squeezed and pressed into sugarloaf-shaped mounds | *p. fecal* fecal pellet | *p. natural* native amalgam
pendiente *nm* slope, declivity | grade, gradient | hanging wall, roof | pendant | *p. continental* continental shelf
pendulo *nm* plum bob
peneconcordante *adj* peneconcordant
penecontemporáneo,-nea *adj* penecontemporaneous
peneplanización *nf* peneplanation
penecontemporáneo,-nea *adj* penecontemporaneous
peneplanación *nf* peneplanation
peneplanicie *nf* peneplain
penesalino,-na *adj* penesaline
penillanura *nf* peneplain
peniplanicie *nf* peneplain
peniplano *nm* peneplain
pennina *nf* penninite
penokeiense *adj* Penokean
pensylviano,-na *adj* Pennsylvanian | *nm* Pennsylvanian
pensilvánico,-ca *adj* Pennsylvanian | *nm* Pennsylvanian
pentahidrita *nf* pentahydrate, allenite
pentahidroborita *nf* pentahydroborite
pentano *nm* pentane
penutiense *adj* Penutian
peña *nm* boulder, rock | [Col] bed rock beneath a placer | [Col] country rock | *p. desprendida* boulder | *p. viva* stone not yet quarried | *p. hervida, caladora* or *picadora* [Col] fissured bedrock in which placer gold has accumulated | *p. mora* [Col] red granite bedrock to a placer | *p. subida* [Col] soft bedrock to a placer | *p. falsa* [Col] fragments of bedrock which, when encountered in a placer, give the appearance of having reached actual bedrock | *p. sarabiada* [Col] gneiss | *p. bobo* [Col] shaley country rock in which veins are barren
peñascal *nm* rocky ground
peñasco *nm* large rock, boulder, crag | klippe | escarpment
peñascoso,-sa *adj* rocky, craggy
peñol *nm* large rock
peñón *nm* large rock | [Huelva, Sp] iron oxide bearing jasperoid found in manganese deposits
peón *nm* common laborer | bull gang | *p. de cuadrilla* roustabout | *p. suelto* roustabout
peonaje *nm* work gang | work force (of a mine, etc.)
pepa *nf* [Ch] nugget
pepena *nf* [Méx] hand cobbled ores | rich or smelting ore | silver-bearing galena ore | ore which mine laborers were permitted to extract for their own benefit | [Huitzucó, Méx] high grade mercury ore, 10 to 12% mercury | *medio* *p.* medium grade ore
pepenado,-da *adj* [Méx] hand cobbled
pepenador,-dora *nm/ff* cobbler, ore sorter
pepenar *vtr* [Méx] to hand sort ore
peperita *nf* volcanic sand
pepino *nm* karst tower
pepita *nf* nugget
peracidita *nf* silicite
peralcalino,-na *adj* peralkaline
peraluminoso,-sa *adj* peraluminous
perbituminoso,-sa *adj* perbituminous
percolación *nf* percolation
percolar *vtr* to percolate
percrystalino,-na *adj* percrystalline
perderse *vpr* to become lost, pinch out, as for a vein, seam or bed
pérdida *nf* loss, generally from treatment of ores | *p. de lodo* mud losses | *p. por absorción* absorption loss
perdido,-da *adj* lost
perdigón *nm* iron pellet

- perenne** *adj* perennial
- perfeccionar** *vtr* to follow up, reexamine
- perfil** *nm* cross-section, side-view | profile | log
| *p. de estratos* strata profile | *p. de equilibrio*
graded profile | *p. de perforación* drill log, well
log | *p. de pozo* well log | *p. de suelo* soil profile
| *p. edáfico* soil profile | *p. eléctrico* electric log |
p. estratigráfico columnar section | *p.*
gravimétrico gravity profile | *p. longitudinal*
longitudinal profile | *p. litológico* lithologic
section | *p. según muestras* sample profile | *p.*
transversal transverse profile
- perfiladora** *nf* grader
- perfilaje** *nm* logging | *p. de activación* activation
logging | *p. de pozo* well-logging
- perforabilidad** *nf* drillability
- perforación** *nf* drill or bore hole | perforation |
p. ancha large hole | *p. a núcleos* core drilling | *p.*
a percusión percussion drilling | *p. con cable*
cable drilling | *p. con diamante* diamond drilling
| *p. dirigida* directional drilling | *p. con extracción*
de testigos core drilling | *p. de disparo* shot hole
| *p. de exploración* exploration drilling | *p.*
desviada deflected well | *p. inicial* spudding in |
p. por gas gas drilling | *p. por percusión*
percussion drilling | *p. por rotación* rotary
drilling | *p. reducida* slim hole | *p. rotativa*
rotary drilling | *p. térmica* jet piercing
- perforado** *nm* boring, drilling | perforation
- perforador,-dora** *adj* boring, drilling | *nf* borer,
driller, drilling machine | *p. a percusión*
percussion drill | *p. con diamantes* diamond
drill | *p. de diamantes* diamond drill | *p. de*
percusión percussion drill | *p. rotativa* rotary
drill | *nm* driller (person)
- perforante** *adj* drilling, boring
- perforar** *vtr* to drill or bore
- perhialina** *nf* perhyaline
- periclasa** *nf* periclase
- periclinal** *adj* periclinal, pericline | *nm* pericline
- peridoto** *nm* peridot, olivine
- periférico,-ca** *adj* peripheral
- perigénico,-ca** *adj* perigenic
- perímetro** *nm* perimeter | *p. de influencia* area or
circle of influence
- período** *nm* period | *p. de amortización* pay back
period | *p. de glaciación* glacial period | *p.*
geocrático geocratic period
- peripedimento** *nm* peripediment
- peritético,-ca** *adj* peritectic, reaction
- perito** *nm* expert | appraiser | skilled worker
- perknita** *nf* ultramafic rock, ultramafite
- perla espata** *nf* pearl spar
- perlado,-da** *adj* pearly
- perliforme** *adj* bead-like
- perlítico,-ca** *adj* perlitic
- perlofita** *nf* perloffite
- permeabilidad** *nf* permeability
- permeable** *adj* permeable
- permeación** *nf* permeation
- permeámetro** *nm* permeameter
- permiano,-na** *adj* Permian | *nm* Permian
- pérmico,-ca** *adj* Permian | *nm* Permian
- permineralización** *nf* permineralization
- permiso** *nm* license | lease | *p. de cateo*
exploration license | *p. marginal* edge lease
- permutación** *nf* permutation
- perofskita, perovskita, perowskita** *adj*
perovskite
- pertenencia** *nf* mining claim
- pértiga** *nf* rod (measure of length)
- perthita** *nf* perthite
- perthítico,-ca** *adj* perthitic
- perthoide** *adj* perthitoid
- perthosita** *nf* perthosite (*obs.*, syenite)
- perturbación** *nf* perturbation | dislocation | *p.*
de una veta disruption of a vein or lode | *p.*
tectónica tectonic disturbance
- perturbado,-da** *adj* disturbed
- pesado,-da** *adj* heavy | of high specific gravity
- peso** *nm* weight | silver coin of about 25 grams
| [Almadén, Sp] a weight of 20 *arrobas* | *p.*
atómico atomic weight | *p. bruto* gross weight |
p. de oro coin equivalent to two (silver) *pesos* | *p.*
de oro común a *peso* of 8 *reales* | *p. específico*
specific gravity | *p. neto* net weight
- petlanque** *nm* [Méx] argentite, usually,
pyargyrite in places | any high-grade silver ore
| *p. acerado* polybasite | *p. colorado, encarnado* or
rojo proustite | *p. oscuro* pyargyrite | *p. negro*
argentite
- pétreo,-rea** *adj* stone, of stone | stony | rocky,
stone-like, petrous
- petrificación** *nf* petrification
- petrificado,-da** *adj* petrified
- petrificar** *vtr* to petrify
- petrificarse** *vpr* to petrify
- petrífico,-ca** *adj* petriferous
- petroclástico,-ca** *adj* detrital
- petrofábrico,-ca** *adj* fabric | *nm* fabric,
petrofabric
- petrofísica** *nf* petrophysics
- petrogénesis** *nf* petrogenesis
- petrogenético,-ca** *adj* petrogenetic

petrogenia *nf* petrogenesis
petrografía *nf* petrography
petrográfico,-ca *adj* petrographic
petrógrafo,-fa *nm* and *f* petrographer
petroleno *nm* petrolene
petróleo *nm* petroleum | *p. bisulfuro* disulfide oil | *p. (en) bruto* or *crudo* crude oil | *p. clandestino* "hot oil" produced above allowables | *p. de base asfáltica* asphalt-base crude oil | *p. de contrabando* contraband oil | *p. del propietario* landowner's oil | | *p. humedo* wet oil | *p. lampante* paraffin oil, kerosene | *p. ligero* light oil, straw oil | *p. muerto* dead oil | *p. petratado* pretreated crude oil | *p. pobre* lean oil | *p. sintético* synthetic oil | *p. sulfuroso* sour crude oil | *p. verde* green oil
petrolero,-ra *adj* oil, petroleum | oil-bearing | *nm* tanker
petrolífero,-ra *adj* petroliferous, oil-bearing
petrología *nf* petrology
petrológico,-ca *adj* petrological
petrolólogo,-ga *nm* and *f* petrologist
petromorfo *nm* petromorph
petroquímica *nf* petrochemistry
petroquímico,-ca *adj* petrochemical
petrosilex *nm* flint | amausite | hornstone
pez *nf* tar, pitch | [Sp] isolated lens of coal | *p. mineral* asphalt
pfalziense *adj* Pfalzian
piacentino,-na *adj* Piacenzian
piamonte *nm* piedmont
piamontita *nf* piedmontite
pica *nf* pick
picacho *nm* pointed peak or summit
picada *nf* survey line
picado *nm* [Pe] surface outcropping of a vein
picador *nm* miner who works with a pick or hammer and gad | [Sierra Almagrera, Sp] ore-sorter
picapedrero *nm* stonemason
picaporro *nm* pick
picar *vt/intr* to cut stone | to hew, work with a pick or hammer and gad | *p. un hilo* [Col] to uncover a known vein
picnita *nf* pycnite (*var* of topaz)
pico *nm* peak | pickaxe | miner's pick | [Méx] sledge hammer | *a pico* vertically
picón de cantera *nm* quarry pick
picota *nf* peak of a mountain
picrítico,-ca *adj* picritic
picrocromita *nf* picrochromite, magnesiochromite

picofarmacolita *nf* picropharmacolite
picurita *nf* pitch coal
pie *nm* foot (measure of length) | foot or base of a mountain | *p. de cabra* claw-end crowbar
pedra *nf* rock, stone | mineral | *p. acanterada* [Durango, Méx] rhyolite | *p. (de) alumbre* alunite | *p. aprieta* [Méx] limestone | *p. arcillosa* claystone | *p. arenisca* sandstone | *p. arenosa* sandstone | *p. (de) azufre* rock sulphur | *p. azul* bluestone, chalcantite | [Méx] blue limestone | [Vz] mineralized diorite wall rock to gold veins | *p. berroqueña* granite | *p. blanca* granulite | *p. bruta* [Méx] country rock, barren rock | *p. cachumba* [Cu] native calcium sulfate | *p. calamina* calamine | *p. calárea* limestone | *p. caliza* limestone | *p. canela* hessonite | *p. capilar* *var* of quartz | *p. ciega* any hard, opaque semiprecious stone | *p. conglomerada* conglomerate | *p. conglomerada* breccia | *p. córnea* hornstone, jasper | *p. de acarreo* erratic block or boulder | *p. de arena* [Col] sandstone | *p. de barilla* [Tamaulipas, Méx] limestone with clay partings | *p. de berroqueña* coarse grained granite | *p. de cal* or *de caliza* chalk, limestone | *p. de campana* phonolite | *p. de candela* flint | *p. de canelo* grossularite | *p. de cantería* [Méx, Sp] granite | *p. de canto* dressed stone | *p. de cinc* cassiterite | *p. de cruz* staurolite | *p. de chispa* flint | *p. de churumbela* [Col] decomposed felsite wall-rock to veins | *p. de escopeta* flint | *p. de frijól* [Guanajuato, Méx] red conglomerate | *p. de fuego* firestone | *p. de grano* [Méx] granite | *p. de jabón* talc | *p. de labrador* greenstone | *p. del águila* a nodular, clayey iron ore | *p. de la luna* labradorite | *p. de las amazonas* labradorite | *p. de lumbre* flint | *p. de luna* blue adularia | *p. de mano* [Méx] good specimen of ore, sometimes used for religious purposes | *p. de mobre* flint | *p. de moco* white, transparent *var* of chalcedony with dendritic staining | *p. de moler* [Col] syenite | *p. de mollejón* [Col] sandstone | *p. palo* [Ch] asbestos | *p. de pipas* meerschaum | *p. de remedar* [Guadalcázar, Méx] large fragment of granite | [San Nicolas, Méx] basalt | [Mazapil, Méx] feldspathic porphyry | *p. de sapo* mica | *p. de sillería* dressed stone | *p. de sol* precious variety of oligoclase | *p. de toque* jasper, touchstone | *p. de yeso* rock gypsum | *p. del labrador* labradorite | *p. dura* any hard, siliceous stone | *p. en bruto* rubble stone | *p. fétida* stinkstone | *p. filtrante* porous rock | *p. fina* gemstone | *p. frailesca* [Almadén, Sp] breccia

- consisting of fragments of schist and serpentine cemented by dolomite and clay | *p. franca* easily worked stone | *p. guisante* pisolite | *p. hematitas* hematite | *p. hedionda* [Guadalcázar, Méx] black limestone | *p. imán* magnetite | *p. inga* pyrite | *p. jaspe* jasper | *p. labrada* dressed stone | *p. lipe* [Pe] chalcantite | *p. litográfica* argillaceous limestone | *p. loca* meerschaum | *p. maciza* stone lacking defects | *p. marmól* marble | *p. meteórica* meteorite | *p. mineral* ore | *p. molar* sandstone used for millstones | *p. moleña* burstone | *p. mora* [Guadalcázar, Méx] diorite | *p. nefrítica* jade | *p. negra* [Vz] greenish gray feldstone | *p. ollar* serpentine | steatite | *p. oniquina* onyx | *p. ovar* oolite | *p. palo* [La Serena, Ch] asbestos | *p. para* brownstone | *p. parda* manganese oxides | *p. partida* broken stone | *p. pez* pitchstone, retinite | *p. picada* crushed or broken stone | *p. pómez* pumicestone | *p. preciosa* gemstone | *p. radiante* actinolite | *p. rodada* boulder, cobble, pebble | *p. sarabeada* or *sarabiada* [Col] decomposed granite or gneiss | *p. sonora* phonolite | *p. tosca* pumice stone, pumice | *p. verde* green stone | *p. viva* very hard stone, ledge rock | *pedras de acarreo* glacial erratics | *p.-bola* [Méx] boulder
- piemontita** *nf* piemontite, manganese epidote
- piezoclasa** *nf* compression joint
- piezocristilización** *nf* piezocrystallization
- piezoelectricidad** *nf* piezoelectricity
- piezoeléctrico,-ca** *adj* piezoelectric
- piezogeno,-na** *adj* piezogene
- piezomagnetismo** *nm* piezomagnetism
- piezométrico,-ca** *adj* equipotential, piezometric
- pila** *nf* basin, trough, tank or vessel | pothole | evaporation tank in salt works | [Col] pit dug on a river bank used to wash placer ore | *p. de mineral* heap of ore
- pilar** *nm* pillar | *p. de tierra* pinnacle | *p. tectónico* horst
- pilita** *nf* pilitite (actinolite pseudomorphous after olivine) | tinder ore
- pilón** *nm* stone trough
- pilotaxítico,-ca** *adj* pilotaxitic, felty
- pinacoide** *adj* pinacoidal | *nm* pinacoid
- pináculo** *nm* pinnacle
- pinado,-da** *adj* pinnate
- pingo** *nm* a drill hole terminated short of its objective
- pinguita** *nf* nontronite
- pinta** *nf* [Méx] the appearance of an ore which discloses its tenor according to its color, grain, weight and other physical properties | [Ch] silver ore assaying better than 50 *diez milésimos* | [Vz] gold placer | color or gold seen on washing gravel in a pan | *p. azul* [Pachuca, Méx] silver sulfide ore | *p. de metal* indications of ore
- pintar** *vintr* to exhibit indications of ore
- pínula** *nf* sight of a surveying instrument
- pinza** *nf* fishing tool used for extracting objects that have fallen down a drillhole
- piña** *nf* cone-shaped ingot of refined silver | [Ch, Pe, Bol] bullion
- piocha** *nf* pick
- piotina** *nf* saponite
- pipa** *nf* pipe
- pique** *nm* bottom or ground | [Bol, Ch, Pe] shaft | *a pique* [Méx] vertically | *p. maestro* [Ch] main shaft
- piquero** *nm* miner
- piqueta** *nf* mattox, pickaxe | *p. con cabeza* poll-pick
- piquetero** *nm* boy who carries picks to workers in a mine
- piquetilla** *nf* gad | small pickaxe
- pir** *nm* [Ch] lead amalgam
- piralmandita** *nf* pyralmandite
- piralspita** *nf* pyralspite
- pirámirade** *nm* pyramid
- pirargirita** *nf* pyrargyrite
- pireneita** *nf* melanite
- pirex** *nm* pyrex
- piriforme** *adj* pear-shaped
- pirita** *nf* pyrite | sulfides (in general) | *p. arsenical* arsenopyrite | *p. blanca* marcasite | *p. capilar* millerite | *p. cobriza* chalcopyrite | *p. común* pyrite | *p. de azufre* iron pyrite | *p. de carbón* pyrite found in coal seams, "scud" | *p. de cobalto* linnaeite | *p. de cobre* chalcopyrite | *p. de cresta de gallo* marcasite | *p. de estaño* stannite | *p. de fierro* or *hierro* iron pyrite | *p. de manganeso* hauerite | *p. ferroniquelífera* pentlandite | *p. magnética* pyrrhotite | *p. marcial* iron pyrite | *p. prismática* marcasite | *p. radianite* pyrite, firestone | *p. roja* niccolite | *p. sana* [Ch] unaltered pyrite
- piritico,-ca** *adj* pyritic
- piritización** *nf* pyritization
- piritizar** *vtr* to pyritize
- piritodro** *nm* pyritohedron
- piritoso,-sa** *adj* pyrite-bearing
- piroaurita** *nf* pyroaurite
- pirobelonita** *nf* pyrobelonite

- pirobitumen** *nm* pyrobitumen
piroclástico,-ca *adj* pyroclastic
pirocloro *nm* pyrochlore
pirochroita *nf* pyrochroite
pirofana *nf* pyrophane, fire opal
pirofanita *nf* pyrophanite
pirofilita *nf* pyrophyllite
pirogénesis *nf* pyrogenesis
pirógeno,-na *adj* pyrogenic | pyrogenetic
pirolita *nf* pyrolite
pirolusita *nf* pyrolusite
piromagma *nf* pyromagma
piromelana *nf* brookite
piromerida *nf* pyromeride (*obs*, nodular rhyolite)
pirometamorfismo *nm* pyrometamorphism
pirometasomático,-ca *adj* pyrometasomatic
pirometasomatismo *nm* pyrometasomatism
pirometría *nf* pyrometry
piroméetro *nm* pyrometer
piromorfita *nf* pyromorphite
piroafta *nf* pyronaphtha
piropisita *nf* pyropissite
piropo *nm* pyrope
piroretinita *nf* pyroretinite
pirosfero *nm* pyrosphere
pirosmalita *nf* pyrosmalite
pirostibina *nf* kermesite
pirostilpnita *nf* pyrostilpnite
piroxena *nf* pyroxene
piroxenita *nf* piroxenite
piroxeno *nm* pyroxene
piroxenoide *nm* piroxenoid
piroxferroita *nf* pyroxferroite
piroxmangita *nf* pyroxmangite
pirquín *nm* [Bol, Ch] contract mining
pirquinero *nm* [Bol, Ch] contract or tribute miner, tributator
pirrotina *nf* pyrrhotite
pisar *vintr* to dip
pisos *nm* stage | floor or level | bottom level in a mine | footwall | *p. estructural* structural stage
pisolita *nf* pisolite | pisolith | *p. volcánica* volcanic pisolith
pisolítico,-ca *adj* pisolitic
pisones *nmpl* [Bol] stamps (in a stamp mill)
piticita *nf* pitticite
pivote *nm* stock
pizarra *nf* slate | schist | *p. arcillosa* argillaceous slate or schist | [Sp] shale | *p. arenosa* sandy schist | *p. astilloso* splintered slate | *p. azul* [Cartagena, Sp] slate stained by iron silicate | *p. bituminosa* bituminous slate | *p. carbonífera* coaly shale | *p. clorítica* chloritic schist | *p. cristalina* schist | *p. de talco* talc schist | *p. de tejar* roofing slate | *p. en gavillas* cordierite schist | *p. fétida* bituminous slate | *p. gredosa* clay slate | *p. marcellus* marcellus shale | *p. micácea* mica schist | *p. ojosa* augen schist
pizarral *nm* slate quarry
pizarreño,-ña *adj* slaty | with or having slaty cleavage
pizarrería *nf* slate quarry
pizarrosidad *nf* schistosity | slaty cleavage
pizarroso,-sa *adj* slaty
placa *nf* plate | slab | *p. litosférica* lithospheric plate
placer *nm* placer | *p. aurífero* gold-bearing placer | *p. de costa marina* beach placer | *p. metalífero* ore-bearing placer
plagioclasa *nf* plagioclase
plagioclasita *nf* anorthosite
plaisanciano,-na *adj* Plaisancian
plaisanciense *adj* Plaisancian
plan *nm* program | bottom level in a mine
planación *nf* planation
plancton *nm* plankton
plancha *nf* plate or sheet of native metal
plancheta *nf* plane-table
planear *vtr* [Méx] to extract gold in fissures in bedrock beneath placers
planicie *nm* plane | [geomorph] sides of a saddle | *p. de abrasión* denudation plane | *p. troncal* peneplain
planificación *nf* planning
planimetría *nf* planimetry
planimétrico,-ca *adj* planimetric
planiméetro *nm* planimeter
plano *nm* map, plan | plane | *p. axial* axial plane | *p. de clivaje* cleavage plane | *p. de crucero* cleavage plane | *p. de ensayes* assay map | *p. de estratificación* bedding plane | *p. de falla* fault plane | *p. de fractura* fracture plane | *p. de junta* joint plane | *p. de nivel* datum | *p. de referencia* datum plane | *p. de resbalamiento* slickenside, fault plane | *p. de simetría* | *p. reticular*
planofírico,-ca *adj* planophytic (*obs*)
planta *nf* floor or level | horizontal cut | map, plan | plant, factory, facility | *p. de recuperación de ácidos* acid recovery plant
plantar *vtr* to erect a mill, machinery, etc
planteaje *nm* plant, mill
planteamiento *nm* plant, mill
plantel *nm* plant, mill
plasma *nf* plasma (*var* of chalcidony)

plasticidad *nf* plasticity

plástico,-ca *adj* plastic

plastotipo *nm* plastotype

plata *nf* silver | silver ore | *p. agría* argentite, polybasite or stephanite | *p. antimonial* discrasite | *p. azul* [Tlalpujahua, Méx] aregentite [Zacatecas, Méx] silver chloride | *p. azul acercado* polybasite | *p. azul de catorce* selbite | *p. blanca* native silver | *p. blanca pardusca* argentiferous galena | *p. bruto* native silver | *p. ceniza* silver chloride | *p. color de rosa* native silver with reddish tinge | *p. córnea* cerargyrite | *p. córnea amarilla* iodyrite | *p. córnea blanca* cerargyrite | *p. córnea verde* embolite | *p. cruda* sponge silver | *p. de clavos* [Batopilas, Méx] wire silver in calcite gangue | *p. de ley* standard silver for assayers | *p. de patio* or *de pie* silver produced by the *patio* process of amalgamation | *p. del diezmo* silver taxed at the rate of one tenth its weight or value | *p. del rescate* silver produced from purchased or stolen ores, taxes at the rate of one fifth its weight or value | *p. dúctil* argentite | *p. en barra* silver bullion | *p. esponja* sponge silver | *p. gris* argentite | *p. labrada* wrought silver | *p. maciza* [Pe] native silver in sheets | *p. mixta* electrum | *p. nativa* native silver | *p. natural* native silver | *p. negra* argentite, stephanite | *p. negra prismática* stephanite | *p. parda* cerargyrite | *p. pella* silver amalgam | *p. quintada* any silver that has been taxed | *p. roja clara* proustite | *p. roja oscura* pyrargyrite | *p. seca* silver ore which does not amalgamate with mercury | *p. sulfúrea agría* stephanite | *p. verde* embolite [Plateros, Méx] bromyrite | [Catorce, Méx] mixture of bromyrite and iodyrite | *p. virgen* native silver | *p. vítrea* argentite

plataforma *nf* platform | *p. continental* continental shelf | continental mass | *p. continental exterior* outer continental shelf | *p. costera* coastal plane | *p. cratogénica* cratogenic shelf | *p. de abrasión* wave-cut platform | *p. de perforación* drilling platform, drilling rig | *p. de producción* production platform | *p. epicontinental* continental shelf | *p. replegable* jack-up rig | *p. submarina* continental shelf

plateado,-da *adj* silvered, silver, silvery

platillo *nm* [Méx] a red earthen plate used for testing ore

platina *nf* platinum ore | crude native platinum

platiniridio *nm* platiniridium

platinita *nf* playnite

platino *nm* platinum | *p. nativo* native platinum

plato para lavar mineral *nm* gold pan

platón *nm* pan used for washing ore

platoncito *nm* small gold pan

playa *nf* beach, shore, strand | river bank | *p. alta* backshore | *p. baja* gold placer beneath the level of the adjacent stream | *p. levantada* raised beach

playero *nm* [Bol, Pe] placer miner

plazolita *nf* hydrogrossular

pleamar *nm* high tide

plegado,-da *adj* folded | *nm* folding

plegadura *nf* folding

plegamiento *nm* folding | *p. cabrió* chevron folding | *p. en acordeón* accordion folding | *p. entrecruzado* cross-folding | *p. imbricado* imbricate folding | *p. verdadero* flexure, true folding

plegar *vtr* to fold

pleistocénico,-ca *adj* Pleistocene

pleistoceno,-na *adj* Pleistocene | *nm* Pleistocene

plenargirita *nf* matildite

pleocristalino,-na *adj* holocrystalline

pleocroico,-ca *adj* pleochroic

pleocroísmo *nm* pleochroism

pleocroísto,-sta *adj* pleochroic

pleonasta *nf* ceylonite

plicación *nf* plication

pliegue *nm* fold | *p. acostado* recumbant fold | *p. armónico* harmonic fold | *p. asimétrico* asymmetric fold | *p. buzante* dip fold | *p. cabrió* chevron fold | *p. cerrado* closed fold, isoclinal fold | *p. competente* competent fold | *p. compuesto* compound fold | *p. de arrastre* drag fold | *p. diapírico* diapir fold | *p. disharmónico* disharmonic fold | *p. echado* overfold | *p. en abanico de flujo* fan fold | *p. escanolado* en échelon fold | *p. hacia abajo* downfold | *p. inclinado* inclined fold | *p. incompetente* incompetent fold | *p. intraformacional* intraformational fold | *p. invertido* overturned fold | *p. isoclinal* isoclinal fold | *p. normal* normal fold | *p. parado* upright fold, normal fold | *p. recostado* recumbant fold | *p. recumbente* recumbant fold | *p. silla* anticline | *p. simétrico* symmetric fold | *p. simple* simple fold | *p. suprateneu* supratenuous fold | *p. tumbado* overturned fold | *p. verdadero* true fold, flexure | *p. vertical* upright fold | *p. volcado* overturned or inverted fold, overfold | *p. yacente* recumbent fold

pliensbaquiano,-na *adj* Pliensbachian

- pliensbaquense** *nm* Pliensbachian
pliniano,-na *adj* Plinian
pliocénico,-ca *adj* Pliocene
plioceno,-na *adj* Pliocene | *nm* Pliocene
pliomagmático,-ca *adj* pliomagmatic
plisamiento *nm* microfolding
plomada *nf* plumb
plombagina *nf* graphite
plomífero,-ra *adj* lead-bearing, plumbiferous
plomillo *nm* [Méx] hematite rich tin ore
plomilloso,-sa *adj* lead-bearing
plomizo,-za *adj* leaden | *p. de acarreo* alluvial deposit of broken fragments of galena
plomo,-ma *adj* lead colored | leaden
plomo *nm* lead | lead ore, usually galena | *p. abigarrado* pyromorphite | *p. afinado* refined lead | *p. agrío* lead slag | *p. amarillo* wulfenite | *p. blanco* cerussite | *p. córneo* fosgenite | *p. de obra* [Méx] argentiferous lead | *p. dulce* refined lead | *p. negro* graphite | *p. pardo* pyromorphite | *p. pobre* lead poor in silver | *p. rico* lead rich in silver | *p. rojo* crocoite | *p. ronco* [Arg, Ch, Pe] compact, massive argentite | *p. verde* pyromorphite
plomogoma *nf*
plomoso,-sa *adj* lead-bearing
plumbagina *nf* graphite, plumbargo
plúmbeo,-bea *adj* leaden
plumbogumita *nf* plumbogummite
plumbopirocloro *nm* plumbopyrochlore
plurivalencia *nf* polyvalence
plutón *nm* pluton, intrusion, intrusive | *p. atectónico* atectonic pluton | *p. preTECTÓNICO* pre-tectonic pluton | *p. post-tectÓNICO* post-tectonic pluton | *p. sincrÓNICO* syntectonic pluton | *p. sintectÓNICO* syntectonic pluton | *p. subsecuente* post-tectonic pluton
plutónico,-ca *adj* plutonic, intrusive
plutonio *nm* plutonium
plutonismo *nm* plutonism
plutónita *nf* plutonist
pneumatolítico,-ca *adj* pneumatolytic
población *nf* population | *p. cerrada* closed population | *p. de referencia* parent population | *p. estable* stable population | *p. estacionaria* stationary population | *p. madre* parent population | *p. tipo* type population
poblador *nm* [Méx] mine foreman
poblar *vtr* to set miners to work in a mine
pobre *adj* barren, sterile, unmineralized | low grade
pobreza *nf* poverty | *p. de la mina* said when ore grade is low
pocero *nm* well sinker | shaft digger, pitman
pocillo *nm* small well or drill hole | pass or shoot in a mine
poder *nm* thickness | *p. calorífico* fuel ratio
podolita *nf* carbonate-apatite
podrido,-da *adj* rotten, decomposed
podrir jaguas *vtr* [Col] to leave ores exposed to the atmosphere in the hope that the sulfides will thus be oxidized over time
poiquilítico,-ca *adj* poikilitic
poiquiloblástico,-ca *adj* poikiloblastic
poiquilofítico,-ca *adj* poikilophitic
poiquilotópico,-ca *adj* poikilotopic
poiquilotopo *nm* poikilotope
polaridad *nf* polarity
polarimetría *nf* polarimetry
polarimétero *nm* polarimeter
polarización *nf* polarization
polarizado,-da *adj* polarized
polarizador,-dora *adj* polarizing | *nm* polarizer
polen *nm* pollen
polenita *nf* pollenite (*obs.*, olivine phonolite)
poliargirita *nf* polyargyrite
polibasita *nf* polybasite
policíclico,-ca *adj* polycyclic
policónico,-ca *adj* polyconic
policraso *nm* polycrase
policristal *nm* polycrystal
polícromo,-ma *adj* polychrome, multicolored
policuarzo *nm* polyquartz
polidimita *nf* polydymite
poligenético,-ca *adj* polygenetic
poligénico,-ca *adj* polycyclic | polygenic
poligeosinclinal *nm* polygeosyncline
poligonal *adj* polygonal
poligonización *nf* polygonization
polígono *nm* polygon
polihalita *nf* polyhalite
polikinemático,-ca *adj* polykinematic
polilitarenita *nf* polyolitharenite
polilitionita *nf* polyolithionite
polimerización *nf* polymerization
polimerizado,-da *adj* polymerized
polimetálico,-ca *adj* polymetallic
polimetamorfismo *nm* polymetamorphism
polimignita *nf* polymignyte
poliminerálico,-ca *adj* polymineralic
polimodal *adj* polymodal
polimorfía *nf* polymorphism
polimorfismo *nm* polymorphism

- polimorfo,-fa** *adj* polymorphic, polymorphous | *nm* polymorph
- polinigrítica** *nf* polynigrinite
- polisintético,-ca** *adj* polysynthetic
- politipismo** *nm* polytypism
- politipo** *nm* polytype
- polo** *nm* pole | *p. geográfico* geographic pole | *p. magnético* magnetic pole
- polonio** *nm* polonium
- polucita** *nf* pollucite
- polveo** *nm* [Méx] amalgam formed by the *cazo* or caldron process composed of two parts mercury and one part silver by weight
- polvillo** *nm* fine dust | tailings | [Méx] rich ore | *p. bueno* good ore | *p. y jaban* [Guanajuato, Méx] richest ore mined yielding about 2000 ounces to the ton
- polvo** *nm* dust | pinch | powder | *oro en p.* gold dust | *p. de carbón* coal dust | *p. volcánico* volcanic dust
- polvorilla** *nf* argentite | polybasite | [Tamaya, Ch] phillipsite-bearing copper ore | [Peras, Méx] gold-bearing marcasite | *estaño de p.* [Durango, Méx] friable, rhyolite hosted tin ore | [Pe] stephanite (but usually used for argentite or polybasite) | [Cerro de Pasco, Pe] sternbergite
- pollo** *nm* [Pe] small bag of rich ore given by a miner on Saturday to the mine owner
- pomáceo,-cea** *adj* pumaceous
- pómez** *adj* and *nm* pumice
- ponce** *nm* pumice
- pongo** *nm* [Pe, Ec] worker employed to maintain underground workings | canyon, gorge
- pontiano,-na** *adj* Pontian
- pontico,-ca** *adj* Pontic
- pontiense** *adj* Pontian
- populación** *nf* [stats] population
- poquiri** *nm* Indian required to work overtime on account of not fulfilling his *tarea*
- poercelainita** *nf* porcellanite | mullite
- porcelana** *nf* porcelain
- porcelanáceo,-cea** *adj* porcellaneous
- porcelanita** *nf* porcellanite
- porcentaje** *nf* percentage | rate | ratio
- purcentual** *adj* percentage
- porfídico,-ca** *adj* porphyritic
- porfidita** *nf* porphyry, porphyrite
- porfido** *nm* porphyry | [Vz] gold-bearing jasperoid | *p. acanterado* [Méx] rhyolite porphyry | *p. cuarcífero* quartz porphyry | *p. feldesático* feldspar porphyry | *p. granítico* granite porphyry | *p. metalífero* [Pachuca and Real del Monte, Méx] porphyritic pyroxene andesite host rock | *p. negro* [Almadén, Sp] melaphyre | *p. traquito* trachyte porphyry
- porfidoblástico,-ca** *adj* porphyroblastic
- porfidoblasto** *nm* porphyroblast
- porfiroclástico,-ca** *adj* porphyroclastic
- porfirogranulítico,-ca** *adj* porphyrogranulitic (*obs*)
- porfírico,-ca** *adj* porphyritic

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pabellón nm pavilion (**of a precious stone**)

paco mm [Bol, Pe] gossan, oxidized or partly

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pabellón *nm* pavilion (of a **precious stone**)

paco nm [Bol, Pe] **gossan**, oxidized or **partly**

- sh coloónico,-ca** *adj* posttectonic
- post-litoral** *adj* backshore
- postura** *nf* [Pe] separation of silver from amalgam by distillation
- potamógeno,-na** *adj* potamic
- potamología** *nf* potamology
- potasa** *adj* potash | *nf* potash
- potásico,-ca** *adj* potassic
- potasio** *nm* potassium | *p.-argon* K-Ar | *p.-calcio* K-Ca
- potencia** *nf* thickness | power | strength (of a vein) | *p. de una prueba* power of a test | *p. nuclear* nuclear power
- potencial** *adj* potential | *nm* potential | *p. espontaneo* spontaneous potential | *p. nominal* rated potential, rated production capacity | *p. zeta zeta* potential
- potenciométrico,-ca** *adj* potentiometric
- potsdamiano,-na** *adj* Potsdamian
- potsdamiense** *adj* Potsdamian
- pottsvillense** *adj* Pottsvillian
- poza** *nf* [Sandia, Pe] potholes in bedrock of placer gold deposits
- pozaco** *nm* [Cartagena, Sp] winze
- pozo** *nm* well, drill hole | shaft, pit | *p. abandonado* abandoned well | *p. artesiano* artesian well | *p. cárstico yama* | *p. cerrado* close in well | *p. de alivio* relief well | *p. de avanzada* step-out well | *p. de coyote* natural water hole | *p. de desarrollo* development well | *p. de descarga* disposal well | *p. de descubrimiento* discovery well | *p. de mina* shaft | *p. de servicio* service well | *p. direccional* directed well, slant well | *p. dirigido* directed well, slant hole | *p. excavado* dug well | *p. exploratorio* exploratory or wildcat well | *p. eruptivo* gusher | *p. improductivo* dry well, "duster" | *p. inyector* injection well | *p. lateral* flank well | *p. marginal* marginal well | *p. muerto* dead well (must be pumped to produce) | *p. obligatorio* obligation well | *p. parado* shut in well | *p. pobre* stripper well | *p. salado* salted well | *p. seco* dry hole | *p. sin control* wild well, well out of control | *p. sin consentimiento de una parte* non consent well | *p. sin entubar* open well | *p. subyacente* well cutting across several pools
- pozolano,-na** *adj* pozzolan
- praseodimio** *nm* praseodymium
- prasio** *nm* green variety of quartz, prase
- prasópal** *nm* prasopal
- prasma** *nf* dark green variety of agate
- praetigliense** *adj* Praetiglian

- prealpino,-na** *adj* prealpine
- precambriano,-na** *adj* Precambrian
- pre cámbrico,-ca** *adj* Precambrian
- precio** *nm* price | *p. de referencia* posted price | *p. de refinería* refinery price, rack price | *p. oficial* posted selling price
- precioso,-sa** *adj* precious
- precipicio** *nm* precipice, cliff
- precipitación** *nf* precipitation
- precipitado,-da** *adj* precipitated
- precipitar** *vt* precipitate
- preconsolidación** *nf* preconsolidation
- precursor** *nm* preliminary seismic wave
- predazita** *nf* predazite
- prediagenesis** *nf* prediagenesis
- predio minero** *nm* mining property
- profosa** *nf* foredeep
- preorogénico,-ca** *adj* preorogenic
- preparar minerales** *vt* to dress ores
- presa** *nf* dam
- presentar** *vintr* to show or display a characteristic (this verb is generally lost in translation, eg *que presenta gradaciones entre granito y tonalita* 'that grades from granite to tonalite')
- presentarse** *vpr* to occur, be found, eg *las rocas siluricas se presentan cerca de la mina* 'Silurian rocks occur adjacent to the mine'
- preserver** *vt* to preserve
- presión** *nf* pressure | drive (in an oil or gas pool) | *p. absoluta* absolute pressure | *p. atmosférica* atmospheric pressure | *p. cerrada* closed pressure | *p. de flujo* fluid pressure, flowing pressure | *p. dirigida* directed pressure | *p. efectiva* working pressure | *p. estática* static pressure | *p. hidrostática* hydrostatic pressure | *a presión* under pressure
- presupuesto** *nm* cost estimate
- pre tectónico,-ca** *adj* pre tectonic
- pretil** *nm* [Vz] cliff
- pretratamiento** *nm* pretreatment
- previtriano** *nm* previtrian
- priaboniano,-na** *adj* Priabonian
- priaboniense** *adj* Priabonian
- prieto,-ta** *adj* blackish, black, very dark | rebellious, refractory (ores)
- prima** *nf* bonus | *p. de petróleo* oil bonus
- primario,-ria** *adj* primary | *nm* Paleozoic
- primordial** *adj* primordial, essential
- prisma** *nm* prism
- prismático,-ca** *adj* prismatic
- prismoide** *afj* prismoidal | *nm* prismoid
- probabilidad** *nf* probability | *p. compuesto* compound probability | *p. condicional* conditional probability | *p. total* total probability
- probado,-da** *adj* proven, proved
- procedimiento** *nm* process (industrial or chemical)
- proceso** *nm* process | processing | *p. aleatorio* random process | *p. armónico* random process | *p. autoregresivo* autoregressive process | *p. de Markov* Markov process | *p. discreto* discrete process | *p. estacionario* stationary process | *p. homogéneo* homogenous process | *p. numérico* numeric process
- proclorita** *nf* ripidolite
- producción** *nf* production | *p. anual* annual production | *p. de un pozo* yield of a well | *p. del yacimiento* field or pool potential | *p. diario* daily production | *p. mensual* monthly production | *p. permisible* allowable production | *p. permitida* allowable production | *p. potencial* draw down potential | *p. rápida* gutting of a well | *p. real* actual production | *p. regulada* ratable take | *p. suplementaria* bonus allowable
- producir** *vt* to produce
- productivo,-va** *adj* productive | producing
- producto** *nm* product, return, yield | material | product (result of an industrial or chemical process) | *p. blanco* white hydrocarbon products (gasoline, kerosene etc) | *p. de erupción* eruptive material | *p. negro* black hydrocarbon product (diesel, etc)
- productor** *nm* producer | *p. independiente* independent producer
- profundidad** *nf* depth | footage (of a well) | [Almadén, Sp] winze
- profundizar** *vt* to sink or deepen
- profundo,-da** *adj* deep | *poco p.* shallow
- progradación** *nf* progradation
- promedio** *nm* average | middle
- prometeo,-tea** *adj* promethium
- promontorio** *nm* promontory, headland | [Méx] an irregular deposit or mass | *p. fangoso* mud-lump
- propano** *nm* propane
- propilita** *nf* propylite (*obs* propylitized andesite)
- propilitización** *nf* propylitization
- proporción** *nf* proportion | ratio
- proporcional** *adj* proportional
- prorrateo** *nm* proration

- prospección** *nf* prospecting | *p. geofísica* geophysical prospecting | *p. geoquímica* geochemical prospecting
- proterozoico,-ca** *adj* Proterozoic | *nm* Proterozoic
- protoclástico,-ca** *adj* protoclastic
- protocuarzita** *nf* protoquartzite
- protogénico,-ca** *adj* protogenic
- protomatriz** *nf* protomatrix
- protomena** *nf* protore
- protomilonita** *nf* protomylonite
- protrusivo,-va** *adj* protrusive
- provincia** *nf* province | *p. metalogénica* metallogenic province | *p. petrográfica* petrographic province
- provitriano** *nm* provitrian
- próximo,-ma** *adj* near, close | nearby, proximal | next
- proyección** *nf* projection | *p. cristalina* crystal projection | *p. Lambert* Lambert projection | *p. Mercator* Mercator projection | *p. policónica* polyconic projection
- proyectar** *vtr* to project
- proyectil** *nm* projectile | *p. volcánico* volcanic bomb, volcanic ejecta
- proyecto** *nm* project | plan, design | draft
- prueba** *nf* test | preprint | *p. bilateral* two-sided test | *p. de asfalto* tar test | *p. de caída* shatter test | *p. de calcinación* char test | *p. de choque* izod test | *p. de elutriación* elutriation test | *p. de goma* gum test | *p. de hipótesis* hypothesis test | *p. de homegeidad* test of homogeneity | *p. de independencia* test of independence | *p. de ji cuadrado* chi-squared test | *p. de Kolmogorov-Smirnov* Kolmogorov-Smirnoff test | *p. de razón de versimilitud* likelihood ratio test | *p. de resistencia* drop test | *p. de significación* test of significance | *p. de student* student t test | *p. robusto* robust test | *p. sin sesgo* unbiased test | *p. unilateral* one-sided test
- psamita** *nf* psammite
- psaturosa** *nf* stephanite | [Pe] polybasite
- psefita** *nf* rudite, psephite
- pseudobrecha** *nf* pseudobreccia
- pseudocirco** *nm* pseudocirque
- pseudoclorita** *nf* swelling chlorite | septchlorite | pseudochlorite
- pseudocrisolita** *nf* pseudochrysotile
- pseudocristal** *nm* pseudocrystal
- pseudodifusión** *nf* pseudo-diffusion
- pseudofalla** *nf* pseudofault
- pseudomalaquita** *nf* pseudomalachite
- pseudomatriz** *nf* pseudomatrix
- pseudomontaña** *nf* pseudomountain
- pseudomórfico,-ca** *adj* pseudomorphous
- pseudomorfismo** *nm* pseudomorphism
- pseudomorfo** *nm* pseudomorph
- pseudonódulo** *nm* pseudonodule
- pseudopofirico,-ca** *adj* pseudoporphyritic
- pseudorutilo** *nm* pseudorutile
- pseudosimetría** *nf* pseudosymmetry
- pseudovolcán** *nm* pseudovolcano
- pseudowavelita** *nf* crandallite
- psitacinita** *nf* mottramite
- pteroцерiano,-na** *adj* Pterocerian
- pteroцерiense** *adj* Pterocerian
- pucha** *nf* [Col] one sixteenth of an *almud*
- pudinga** *nf* conglomerate
- puadir jaguas** *vtr* [Col] to leave ores exposed to the atmosphere in the hope that the sulfides will thus be oxidized over time
- puerciense** *adj* Puercan
- puente** *nm* bridge | plugging of a well | head frame of a mule whim | pillar (of ore in a mine) | *p. natural* natural bridge, arch
- puerta** *nf* door, passage | [Méx] hard rock or boulders that conceal a vein
- puerto** *nm* pass, gap
- puesta en producción** *nf* bringing in a well
- pulgada** *nf* inch | pinch | *p. de minero* miner's inch | *p. de oro en polvo* pinch of gold dust
- pulimentación** *nf* polishing (by wind or glaciers)
- pulimento** *nm* polish | *p. eólico* desert polish | *p. glaciar* glacial polish
- pulpería** *nf* company store at a mine
- pulsación** *nf* [strat, tect] pulsation
- pumita** *nf* pumice
- pumpeliita** *nf* pumpellyite
- punta** *nf* source | point | sharp end of a tool or instrument | work shift and hence, by extension, one-third of the *mitayos* assigned to a particular mine
- puntero** *nm* stonemason's chisel
- punterola** *nf* small pick
- puntiagudo,-da** *adj* pointed
- puntista** *nf* [Méx] miner who knocks down loose rock from a working face preparing the way for the next shift
- punto** *nm* point | *p. de burbuja* or *burbujeo* bubble point pressure | *p. de condensación* condensation point | *p. de ebullición* boiling point | *p. de fluidez* pour point | *p. de imagen* image point | *p. de inflamación* flash point | *p. de marca* [surv] station | *p. de niebla* cloud point | *p. de partida*

point of discovery of a vein, from which claim boundaries are measured | *p. de referencia* reference point | *p. de rocío* dew point | *p. muerto* break even point | *p. nulo* null point
puntoagudo,-da *adj* taper pointed
puntual *adj* point
punzó *adj* flame red
punzón *nm* gad
puquio *nm* [Ch, Pe] spring | [Pe] narrow galleries driven by Indians or Jesuits to reach water-bearing strata | a natural outlet of groundwater from gently dipping stata
purbeckiano,-na *adj* Purbeckian
purbeckiense *adj* Purbeckian
pureza *nf* purity

purga *nf* [Cartagena, Sp] charge of slag added after a charge of ore to clean out a lead smelting furnace
purgar *vtr* to bleed off | *p. un pozo* to blow a well
puro,-ra *adj* pure, refined | native
puro plateado *nm* [Pe] exceptionally high grade copper ore, essentially pure copper mineral
purpúreo,-rea *adj* purple
purpurino,-na *adj* purple
puruña *nf* long trough for vanning silver amalgam | [Pe] earthenware or wood disk used to test ore in the *patio* process of amalgamating silver ores
puzol *nm* pozzolana
puzolana *nf* pozzolana
puzolánico,-ca *adj* pozzolan

Q

quebrada *nf* fissure or break in a rock | narrow pass | ravine, gorge, gully, draw, small valley | stream, brook | broken, uneven ground

quebradizo,-za *adj* brittle, friable

quebrado,-da *adj* broken, rough, uneven | bankrupt | *nm* fraction | [Cu] channel between reefs

quebrador *nm* crusher | [Méx] ore breaker, ore cobber

quebradura *nf* fracture, break | crack, fissure | ravine | crushing | *q. de cizalladura* shear joint

quebrantador,-dora *adj* crushing | *nm* stone crusher or breaker | tool used for breaking stone

quebradora *nf* crusher | *q. de carbón* coal breaker | *q. de cono* cone crusher | *q. de mandíbula* jaw crusher | *q. de quijadas* jaw crusher | *q. giratoria* gyratory crusher

quebraja *nf* break, crack

quebrajar *vt* to crack, split

quebrantable *adj* brittle

quebrantamiento *nm* breaking, breaking up, breakage, shattering

quebrantar *vt* to break | to crush | to split | to crack | to spall

quebrantarse *vpr* to break, crack, split

quebrantador *nm* stone crusher or breaker | tool used for breaking stone

quebrantura *nf* ravine

quebrar *vt* to break | to cob ore | *vintr* to break

quebrarse *vpr* to break, be broken

quebrazón de veta *nm* [Méx] break in a vein

quedada *nf* [Bol] voluntary overtime by contract workers

quedar determinado *vt* delineated in space

queenstownita *nf* Darwin glass

quelidonia *nf* chelidon

quelonita *nf* pyrite or marcasite with a shape that resembles a tortoise shell

quema *nf* retorting of amalgam | burning, roasting | [Méx] roasting of ore in the *patio* process of amalgamation of silver ore | [Guadalcazár, Méx] calcining of mercury ore in clay retorts

quemadero *nm* [Méx] retort used to recover mercury from amalgam in the *patio* process of amalgamating silver ores

quemado,-da *adj* porcellaneous | *nm* porcellanite | gossan having a burnt

appearance | [Méx] manganese oxide staining | any dark, cindery mineral staining that looks similar to manganese oxide

quemador *nm* [Guadalcazár, Méx] calciner of mercury ores

quemahlita *nf* kemahlite (*obs*, pseudoleucitic micromonzonite)

quemar *vt* to roast or calcine ore | to retort amalgam | *q. piedra* to heat a rock and then break it by plunging in cold water

quemazón *nm* outcrop | [Pachuca, Méx] silver ore in which native silver and silver chlorides are found in a matrix of manganese oxides

queme *nm* retorting of amalgam or mercury ore | [Méx] roasting of ore in the *patio* process of amalgamation of silver ore

quenita *nf* kenyte (*obs*, olivine phonolitic trachyte)

quentalenita *nf* kentallenite (*obs*, augite-olivine monzonite)

queramiquita *nf* keramikite (*obs*, cordierite hyalorhyolite)

queramohalita *nf* alunogen

querargira *nf* cerargyrite

querargirita *nf* cerargyrite

queratófido *nm* keratophyre | *q. cuarcífero* quartz keratophyre

queratófiro *nm* keratophyre

queratoporfirita *nf* keratophyre | *q. cuarzosa* quartz keratophyre

quercyita *nf* carbonate-hydroxylapatite

quermesita *nf* kermesite

querogeno *nm* kerogen

querol *nm* kerol

querosene *nm* kerosene

queroseno *nm* kerosene

queroteno *nm* kerotene

quersantita *nf* kersantite

Quersoneso *nm* Kertch

quesenita *nf* kâsenite (*obs*, pyroxene nepheline carbonatite)

quesilita *nf* azurite

queso *nm* [Méx] small cake of silver resulting from roasting of silver sulfides with litharge in a small clay furnace or *vaso* | [Cerro de Pasco, Pe] pressed cake of amalgam

quespi *nm* [Pe] quartz

quetenita *nf* botryogen

quetzalcoatilita *nf* quetzalcoatilita

quetzalztlí *nm* [Méx] translucent green variety of jade

quevellita *nf* kvellite (*obs*, ultrabazite)

- quiastolita** *nf* chialstolite
- quiebra** *nf* fault, fracture, break, fissure | breaking or crushing of ore | bankruptcy, failure
- quieselgur** *nm* kieselguhr
- quijo** *nm* gangue or matrix, generally quartzose | gold- or silver-bearing quartz | *q. azucarado*. [Hualgáyoc, Pe] very finely crystalline, sugary quartz | *q. de hierro* gossan | *q. podrido* [Pe] porous quartz often containing gold
- quilatador** *nm* assayer (of gold or silver)
- quilatar** *vtr* to assay (gold or silver)
- quilate** *nm* carat | a weight of 4 *granos*, the third part of a *tomin* | *oro de 18 quilates* 18 carat gold
- quilaveita** *nf* kilaveite (*obs*, olivine-magnetite basalt)
- quilita** *nf* kyllite (*obs*, olivine theralite)
- quilo** *nm* kilo, kilogram
- quilogramo** *nm* kilogram
- quilolino** *nm* kiloline
- quilómetro** *nm* kilometer
- quillo** *nm* [Pe] pyrite
- quimbalete** *nm* [Pe] large stone used in hand grinding of ore
- quimberlita** *nf* kimberlite
- química** *nf* chemistry | chemist | *q. geológica* geochemistry | *q. inorgánica* inorganic chemistry | *q. mineral* inorganic chemistry | *q. orgánica* organic chemistry
- químico,-ca** *adj* chemical | *nm* chemical | *q. geológico* geochemist
- quimismo** *nm* chemism
- quinceno** *nm* a fifteenth, the amount of colonial silver production taken by the Royal Treasury to pay for mercury and salt issued to *minera* on credit
- quincita** *nf* quincite (pink sepiolite) | quinzite (rose-colored common opal)
- quine** *nm* Kinne diabase (*obs*, olivine diabase)
- quintal** *nm* hundredweight | a weight equivalent to 4 *arrobas* | fifth part of 100 | [Almadén, Sp] weight of ore found in an ordinary *espuerta terrera* | *q. métrico* 100 kilograms
- quintalaje** *nm* [Ch] weight in quintals
- quintear** *vtr* [Bol] to sort or cob ore by hand
- quiroguita** *nf* [Sierra Almagrera, Sp] antimonial galena
- quirunavaarita** *nf* magnetinite
- quiselgur** *nm* kieselguhr
- quisqueita** *nf* [Quisque, Pe] quisqueite (*var* asphaltite)
- quitar** *vtr* to remove | to take away | to extract, separate | *q. el mineral* remove or extract ore | *q. las impurezas a un mineral* separate waste from ore, concentrate ore
- quitarse** *vpr* to be removed, taken away, extracted, separated
- quintar** *vtr* to tax by taking a portion by weight or value of refined metal produced | *q. del diezmo* to tax at the rate of one tenth
- quinto** *nm* a fifth, tax levied on refined metal production | [Linares, Sp] one lead-smelting operation of a *boliche* furnace
- quinto real** *nm* old Spanish colonial tax on mines originally set at a fifth or 20 percent, but later reduced
- quitina** *nf* chitin
- quitinoso,-sa** *adj* chitinous
- quitón** *nm* chiton
- quitzalitzli** *nm* [Méx] a green, translucent jade
- quivita** *nf* kivite (*obs*, olivine-leucite basanite)

R

rabdomancia *nf* rhabdomancy, dowsing
rabión *nm* rapids | riffle
rabos *nmpf* [Antioquia, Col] silver-rich slimes from the final (third) settling-vat used for the treatment of tailings
radiación *nf* radiation | *r. de fondo* background radiation | *r. gamma* gamma radiation
radioactividad *nf* radioactivity
radiactivo,-va *adj* radioactive
radiado,-da *adj* radiate
radial *adj* radial
radioactivación *nf* radioactivation
radioactividad *nf* radioactivity
radioactivo,-va *adj* radioactive.
radiocoloide *nm* radiocolloid
radiodetector *nm* water monitor (for radioactivity)
radiogénico,-ca *adj* radiogenic
radiohidrología *nf* radiohydrology
radiolario *nm* radiolarian
radiolisis *nf* radiolysis
radiolítico,-ca *adj* radiolitic
radioluminiscencia *nf* radioluminescence
radiométrico,-ca *adj* radiometric
radioquímica *nf* radiochemistry
radioquimismo *nm* radiometrics
raedera *nf* semicircular rake used for collecting ore
rafa *nf* subsidence
raíz *nm* root
raja *nf* cut | crack, split
rajado,-da *adj* split, cracked | [Bol] stoped
rajadura *nf* fissure, crack, split
rajar *vtr* to split, crack | [Bol] to extract blocked-out ore, stope
rajarse *vpr* to split, crack
rajo *nm* [Bol] block (of ore in a mine) | stope | shallow open cut | *r. abierto* glory hole | *r. al sol* glory hole
rama *nf* branch | branch vein | principal gallery in a mine
ramada *nf* branches
ramaje *nm* collection of branches
ramal *nm* secondary branch | secondary gallery in a mine | branch or offshoot of a vein
ramalearse *vpr* to split off, branch off
ramaleo *nm* [Guanajuato, Méx] irregular, twisted veins of quartz and calcite

rambla *nf* rambla, a dry ravine or bed of an ephemeral stream | sandy place | ground covered with sand after floods
rámeo *nm* [Ch] zone of disseminated copper ores that separates richer ores
ramificación *nf* division of a vein into branches
ramificado,-da *adj* branching, braided
ramificarse *vpr* to split up into or divide into branches, to branch, to feather out
ramita de filón *nf* branch or leader vein
ramito *nm* stringer
ramiza *nfpf* branches
ramo *nm* small branch | branch of a vein
ramosita *nf* scoria
rampa *nf* working face | ascent | [struc] ramp | slope
rampla *nf* ramp, shallow incline
ramplón,-ona *adj* upright
ramsayita *nf* lorenzenite
rancholabreense *adj* Rancholabrean
ranquilita *nf* haiweeite
ranura *nf* groove | *r. de deslizamiento* striae
raña *nf* fanglomerate | [Sp] alluvial deposits of Villafrankian age
rapasa *nf* any easily worked stone
rapidez *nf* rate | *r. de crecimiento* growth rate
rápido *nm* rapids
rasa *nf* high mountain plain | *r. costera* coastal plain
rascar *vtr* to rework the surface of an abandoned mine
rasgo *nm* characteristic, feature, trait | [Méx] length of underground workings along the strike of a vein
raspador *nm* [Méx] miner who works the surface of a vein or deposit.
raspadora *nf* streak | scrapings
raspar *vtr* to abrade | to scrape | to clean up an *arrastre* | [Bol] to clean up any ore remaining in old workings
raspiñar *vtr* [Bol] to clean up any ore remaining in old workings
rasposo *nm* [Comanja, Méx] native silver
rastro *nm* track, trace
ratonera *nf* [Bol] dog-hole, coyote-hole, rat-hole or any other shallow working of little consequence
rauda *nf* rapids
auraciano,-na *adj* Rauracian
auraciense *adj* Rauracian
rayado,-da *adj* striped, banded
rayano,-na *adj* bordering, adjacent

rayo *nm* ray | *r. gamma* gamma ray | *r. x* X-ray
razón *nm* ratio | rate | *r. de correlación* correlation coefficient | *r. de verosimilitudes* likelihood ratio
reacción *nf* reaction | *r. esotérmica* exothermic reaction
reaccionar *vintr* to react
reacondicionar *vtr* to workover (a well)
reactivación *nf* reactivation
reactivo,-va *adj* reactive | *nm* reagent
real *nm* [Méx] mining district, traditionally consisting of at least six operating mines and four reduction works adjacent to a town governed by the appropriate civil authorities | coin used in colonial Spanish America equal to 1/4 of a peseta or 25 céntimos | *r. de fontanero* measure of the rate of water flow | *r. de minas* mining district, mining town | *r. de oro* [Col] a weight, equivalent to a half a *tomín* and 1/16 a *castellano*
Real Caja *nf* local branch office of the royal Spanish treasury
realce *nm* any working face that is raised above haulage ways | *r. lateral* overhand stoping
realizar *vtr* [Bol] to classify ores prior to selective mining
reavance *nm* readvance
rebajar *vtr* to stope underhand
rebaje *nm* butting against | cut | *r. de cabeza* overhand stope | *r. descendente* underhand stope
rebajo *nm* [Méx] working of a mineral deposit | *r. del cielo* overhand stoping | *r. lateral* underhand stoping
rebanada *nf* a slice of mineral or rock
rebanado *nm* slicing (in mining)
rebosadero *nm* [Ch] isolated, irregular pocket of ore | [Pe] gold placer
rebotallero *nm* [Méx] person who scavenges dumps for ore
reciente *adj* recent
recincho *nm* [Villanueva del Río, Sevilla, Sp] pyrite-bearing, fine-grained sandstone partings found in coal beds
recial *nm* rapids
reciclaje de gas *nm* cycling of gas
recincho *nm* [Sevilla, Sp] pyritiferous sandstone occurring in coal seams
recio,-ia *adj* coarse | *nm* [Sierra Almagrera, Sp] highest grade ore
recobro *nm* recovery (expressed in percent)
recodo *nm* river bend

recoger *vtr* to collect | to gather or collect ores
recolectar *vtr* to collect
recompresión *nf* repressuring (an almost depleted well)
reconcentrado *nm* [Méx] concentrate
reconcentrar *vtr* to concentrate
recongelación *nf* refreezing
reconocer *vtr* to search or explore for mineral deposits | to prospect
reconociendo *nm* prospecting, exploration
reconocimiento *nm* exploration, prospecting, search | reconnaissance
reconsecuente *adj* reconsequent, resequent
reconstructivo,-va *adj* reconstructive
recorrer *vtr* to traverse
recorrimiento *nm* [surv] traversing
recorte *nm* [Bol] cross-cut
recostado,-da *adj* recumbant
recostar *vintr* to dip
recristalización *nf* recrystallization
rectificación *nf* rectification | correction of a mining claim
rectilíneo,-nea *adj* rectilinear
recto,-ta *adj* straight
recubrimiento *nm* covering
recuesto *nm* inclination or dip | slope
recumbente *adj* recumbent
recuperación *nf* recovery (of ore etc.) | *r. secundaria* secondary recovery
recurso *nm* resource | *r. no renovable* nonrenewable resource
rechazo *nm* fault offset or displacement | *r. horizontal* horizontal displacement | *r. vertical* vertical displacement, throw
red *nf* network, stockwork | crystal structure | *r. alveolar* network | *r. atómica* atomic structure | *r. cristalográfica* crystal structure | *r. de fracturas* fracture network | *r. de iones* ionic structure | *r. filoniana* stockwork
redenominado,-da *adj* renamed
red deposición *nf* redeposition
red depositado,-da *adj* redeposited, reworked
red depositar *vtr* to redeposit
red depósito *nm* redeposition
rediferenciación *nf* redifferentiation
redoma *nf* laboratory flask
redondeado,-da *adj* rounded
redondez *nf* roundness
redoniense *adj* Redonian
redoxomórfico,-ca *adj* redoxomorphic
redruthita *nf* chalcocite

- reducción** *nf* reduction | *r. de escorias* slag fuming (reduction of zinc oxide in lead slag)
- reducir** *vtr* [chem] to reduce
- reductor,-tora** *adj* reducing | *nm* reducing agent, reducer
- reemplazamiento** *nm* replacement
- reemplazar** *vtr* to replace
- reemplazo** *nm* replacement
- reentrante** *adj* reentrant | *nm* reentrant
- refinado,da** *adj* refined | *r. al fuego* fire refined
- refinadura** *nf* refining
- refinar** *vtr* to refine
- refinería** *nf* refinery | *r. petrolífera* oil refinery
- refino** *nm* refinery | refining
- reflectancia** *nf* reflectance
- reflejado,-ja** *adj* reflected
- reflejo,-ja** *adj* reflected | *nm* fluorescence of petroleum, "bloom"
- reflexión** *nf* reflection | *r. fantasma* ghost reflection
- reflujo** *nm* ebb tide | reflux
- refoga** *nf* [Pe] retort used for vaporizing mercury from amalgam
- refogar** *vtr* [Pe] to retort amalgam
- refoliación** *nf* refoliation
- reformación** *nf* reformation (petroleum products)
- reformar** *vtr* to reform (petroleum products)
- refracción** *nf* refraction | *r. de clivaje* cleavage refraction | *r. del crucero* cleavage refraction | *r. de la esquistocidad* cleavage refraction | *r. doble* double refraction
- refractar** *vtr* to refract
- refractorio,-ria** *adj* refractory | *nm* refraction
- refractivo,-va** *nm* refractive
- refractometría** *nf* refractometry
- refractómetro** *nm* refractometer
- refringencia** *nf* refractivity, refraction
- refringente** *adj* refringent
- refringir** *vtr* to refract
- refugiense** *adj* Refugian
- regadura** *nf* undercutting, undermining, holing | undercut
- regato** *nm* pool | stream
- regatón** *nm* [Col] kind of chopper used in washing gold
- regelación** *nf* regelation
- regenerado,-da** *adj* regenerated
- regente** *nm* [Bol] mine foreman
- región** *nf* region | *r. abisal* abyssal area | *r. adiabática* adiabatic region | *r. sísmica* seismic region | *r. de ablación* ablation area | *r. de aceptación* acceptance region | *r. de hundimiento* graben | *r. de rechazo* rejection region
- registración** *nf* [maps] registration
- registrar** *vtr* to file, to register (a mining claim)
- registro** *nm* record | log | logging | *r. acústico* acoustic log | *r. de pozo* well log | well logging | *r. eléctrico* electric log
- regla** *nf* rule | pattern | [surv] rod used in measuring base of triangulation | *r. de cálculo* slide rule
- reglón** *nm* [surv] vertical measuring rod
- regmático,-ca** *adj* regmatic
- regola** *nf* undercut
- regolita** *nf* regolith
- regradación** *nf* regradation
- regresión** *nf* [strat, stats] regression | *r. lineal* linear regression | *r. polinómica* polynomial regression
- regresivo,-va** *adj* regressive
- reguero** *nm* undercut
- regular** *adj* average, usual, normal
- rehabilitación** *nf* rehabilitation, reopening (of mines, workings, etc.)
- rejalgar** *nm* realgar
- rejilla** *nf* ripple
- rejuvenado,-da** *adj* rejuvenated
- rejuvenecimiento** *nm* rejuvenation
- relación** *nf* ratio, proportion | rate | *r. de actividad* activity ratio | *r. gas/petróleo* gas oil ratio
- relacionado,-da** *adj* allied
- relajación** *nf* relaxation
- relativo,-va** *adj* relative
- relaves** *nmpl* residues remaining after washing of placer ores | second washing of ore | tails
- relece** *nm* [Col] ore left behind in former workings as unprofitable
- relevamiento** *nm* topographic survey
- relevar** *vtr* to take topography
- relicto,-ta** *adj* relict
- relieve** *nm* relief | *r. de erosión* erosional relief | *r. estructural* structural relief | *en r.* in relief
- reliquia** *nf* relict
- reliz** *nm* [Méx] wall-rock separating branches of a vein | bounding plane between wall rock and ore
- reluciente** *adj* clear | [Méx] finely crystalline (said of galena)
- relumbroso,-sa** *adj* shining, glistening
- relleno** *nm* filling | filler | backfill (in a mine) | *rellena de fisura* fracture filling
- remanso** *nm* pool of still water | backwater

remate *nm* pinch out, thinning or wedging out.
remoción *nf* denudation
remolenta *nf* atacamite
remolino *nm* whirlpool, eddy, swirl | pocket, mass or bunch of ore | [Pampa de Nevar, Pe] supergene ores consisting of native gold and silver spun together like thread or wire
rendición *nf* yield
rendimiento *nm* yield, return | product, output | daily production rate for oil and/or gas wells | *r. de un pozo* yield of a well
rendir *vintr* to yield | to produce
renglonadura *nf* ruled lines | *nfpl* ruling
reniforme *adj* reniform, kidney-shaped
renio *nm* rhenium | *r.-osmio* rhenium-osmium
renta *nf* income | rent | interest, return | *r. neta de amortización decreciente* net income for depletion allowance | *a r.* on lease
rentabilidad *nf* profitability
rentable *adj* profitable
rentar *vtr* to yield, produce | to let, rent
reognimbrita *nf* rheognimbrite
reología *nf* rheology
reológico,-ca *adj* rheologic
reomórfico,-ca *adj* rheomorphic
reomorfismo *nm* rheomorphism
reotropismo *nm* rheotropism
repacho *nm* slope
repartamiento *nm* allotment of *mitayos* to a mine or mill
reparto de la demanda *nm* prorationing
repasiri *nm* *minga* employed to mix, ladle and trod ore in the *patio* process of amalgamation of silver ores
repecho *nm* declivity, slope
repetición *nf* repeatability
repetido,-da *adj* repeated
repettiense *adj* Repettian
réplica de un terremoto *nf* aftershock.
represa *nf* dam | *r. para colas* tailings dam
representación de un registro *nf* [seis] play back
reproducción *nf* reproductibility
reptación *nf* creep | *r. del suelo* soil creep
reptante *adj* creeping
requiebro *nm* crushing of ores after exploitation | [Almadén, Sp] medium grade mercury ore
resaca *nf* wave recession, backwash | resaca, a long narrow, meandering lake in the bed of a former stream channel
resalto *nm* rebound
resbaladero *nm* ore chute
resbalado,-da *adj* overlapping

resbalamiento *nm* overlapping
resbalarse *vpr* to run side-by-side (as for veins)
resbalo *nm* hill with steep slopes | abrupt slope
resbalón *nm* overlapping | landslide | fault
rescatador *nm* private purchaser of ores and refined metals
rescatar *vtr* [Méx] to buy ore
rescate *nm* [Méx] tribute of gold demanded of native peoples by the conquering Spanish | private purchase of ore or refined metal
rescatín *nm* person who buys ore from Indians in small lots
reseco *nm* [Santa Eulalia, Méx] lead carbonate ore
reseciente *adj* resequent
resedimentación *nf* resedimentation
resedimentado,-da *adj* resedimented
reservas *nfpl* reserves | *r. especulativas* speculative reserves | *r. hipotética* hypothetical reserves | *r. no descubiertos* undiscovered reserves | *r. no desarrolladas* undeveloped reserves | *r. probadas* proven reserves | *r. posibles* possible reserves | *r. primaria* primary reserves | *r. probadas* proven reserves | *r. real* actual reserve. | *r. secundaria* secondary reserves | *r. suplementarias* supplementary reserves
residuo *nm* residuum, residue | [math] remainder | waste from cobbing ore | *r. aluvial* alluvium
resiliencia *nf* resilience
resina *nf* resin
resinero,-ra *adj* resin
resinita *nf* resinite (variety of chalcedony) | fossil resin | hydrated quartz
resinoide *nm* resinoid
resinoso,-sa *adj* resinous, resin
resistencia *nf* resistance
resistente *nm* resistant
resistividad *nf* resistivity | *r. aparente* apparent resistivity
resorber *vtr* to reabsorb
resorberse *vpr* to be reabsorbed
resorción *nf* reabsorption, resorption
resorte *nm* spring
respaldo *nm* wall of a vein, etc. | country rock adjacent to a vein, etc. | [Bol] any remnants of ore in an old working | *r. de alto* or *superior* hanging wall | *r. de bajo* or *superior* footwall
resquebrajo *nm* cracked | dessicated
restinga *nf* bank, shoal
restingar *nmpl* shoals
restita *nf* restate

- resto** *nm* residue
- restringido,-da** *adj* restricted
- restringir** *vtr* to restrict, limit
- resumen** *nm* abstract
- resumidero** *nm* [Guerrero, Méx] limestone cave or cavern
- resurgencia** *nf* resurgence
- resurgente** *adj* resurgent
- retardación** *nf* [cryst] retardation
- retención** *nf* retention
- retenido,-da** *adj* retained
- reticulado,-da** *adj* reticulate, reticulated, resembling a network | *en reticulado*. stockwork
- reticular** *adj* net-like
- retículo** *nm* lattice
- retiano,-na** *adj* Rhaetian
- retiense** *adj* Rhaetian
- retinasfalto** *nm* retinasphalt
- retinita** *nf* retinite | pitchstone
- retorta** *nf* retort
- retroceso** *nm* recession
- retrodiagénesis** *nf* hypergenesis
- retrogradación** *nf* retrogradation
- retrogrado,-da** *adj* retrograde
- retrogresión** *nf* retrogression
- retrogresivo,-va** *adj* retrogressive
- retrometamorfismo** *nm* retrogressive metamorphism
- retroplaya** *nf* backshore
- retuerta** *nf* bend in a river
- retziano** *nm* Retzian
- revenidero** *nm* rock altered by infiltration of surface or underground water
- revenimiento** *nm* subsidence | cave-in
- reventadero** *nm* rough, uneven ground | outcrop
- reventazón** *nm* [Méx] outcrop
- reventón** *nm* mass of fine native silver | outcrop
- reverberación** *nf* calcination or roasting in a reverberatory furnace
- reverberante** *adj* reverberatory
- reverberar** *vtr* to roast (ore)
- revisor** *nm* worker who examines ore separated by miners
- revolcar** *vtr* [Bol] to rework (old dumps, etc.)
- revoltura** *nf* [Méx] mixing ore with flux for smelting
- rezaga** *nf* ore left in a mine
- rezagado,-da** *adj* [Méx] piled up, heaped
- rezago** *nm* ore left in a mine | [Bol, Pe] fee paid to avoid the *mita* or to avoid having to replace *mitayos* or *mingas* under one's charge who have fled
- rezumir** *vtr* to ooze, exude | to percolate | *vintr* to seep, ooze
- rezumirse** *vpr* to ooze, seep
- rhodaniense** *adj* Rhodanian
- ría** *nf* ria, creek | mouth of a river | estuary
- riacolita** *nf* sanidine
- riachuelo** *nm* rivlet
- riazaniense** *adj* Ryazanian
- riatillo** *nm* rivlet
- ribazo** *nm* mound, hillock, sloping bank
- ribera** *nf* river bank (usually steep) | seashore | *r. alta* high bank | undercut stope | *r. playa* flat bank, slip-off slope
- rico,-ca** *adj* rich
- riego** *nm* [Col] float derived from a mineral deposit
- riel** *nm* small ingot or bar of metal
- rielado,-da** *adj* reduced to ingots
- rielera** *nf* ingot mold
- riesgo** *nm* risk
- rifle** *nm* riffle
- rigidez** *nf* rigidity
- rimaya** *nf* bergschrund, crevasse
- rimero** *nm* heap, pile | string of gads
- rimpilita** *nf* rimpylite
- rincón** *nm* inside corner | nook | open-ended basin on a mountain | square-cut recess or hollow in a cliff or reentrant in the borders of a plateau or mesa | small secluded valley | inside bend of a stream
- rinkita** *nf* mosandrite
- rinkolita** *nf* mosandrite
- riñón** *nm* kidney-shaped mass of ore, nodular ore | wood tin | point at which the ore in a mine becomes abundant
- rió** *nm* river | *r. ancho* stream | *r. inadaptado* misfit river
- rioandesita** *nf* rhyoandesite
- riocristal** *nm* rhyocrystal
- riodacita** *nf* rhyodacite
- riodiabásico,-ca** *adj* rhyodiabasic
- riolita** *nf* rhyolite
- riotaxítico,-ca** *adj* rhyotaxitic
- ripio** *nm* rubble | spalled rock or ore | small ores or fines | drill cutting | residue | gravel | [Col] spalled ore | [Ch] residue left from evaporating *caliche*
- riqueza** *nf* riches | richness | *nfpl* wealth | *r. fosilífera* fossil content

risco *nm* crag, cliff, escarpment | [Méx] bull quartz | [Villanueva del Río, Sp] country rock

rítmico,-ca *adj* rhythmic

rítmica *nf* rhythmite

rizadura *nf* ripple | ripple mark | *r. asimétrica* asymmetric ripple | *r. conjugada* compound ripple | *r. de cauce* ripple scour | *r. de interferencia* cross ripple | *r. de resaca* backwash ripple | *r. incompleta* star ripple | *r. linguloide* cusped or linguloid ripple | *r. regresiva* regressive ripple | *r. simétrica* symmetric ripple | *r. transversa* transverse ripple

robado,-da *adj* robbed (as for pillars) | [Col] showing signs of having been worked before

robín *nm* rust

robusto,-ta *adj* robust

roca *nf* rock | *r. abisal* abyssal rock | *r. aborregada* roches moutonnées | *r. ácida* acid rock | *r. alcalina* alkaline rock | *r. alcalinocálcica* calcalkaline rock | *r. almacén* reservoir rock | *r. amigdaloid* amygdaloid rock | *r. amorfa* amorphous rock | *r. asquística* aschistic rock | *r. autógena* authigenic rock | *r. básica* basic rock | *r. calcárea* calcareous rock | *r. carbonatada* carbonate rock | *r. clástica* clastic rock | *r. de anhidrita* anhydrock | *r. de caja* wall rock | *r. de contacto* contact metamorphosed rock | *r. cristalina* crystalline rock | *r. de cubierta* cover rock | *r. de espaldos* country rock | *r. de nabos* laterite | *r. del lugar* country rock | *r. efusiva* extrusive rock | *r. encajante* wall rock | *r. eruptiva* igneous rock | *r. esquistosa* schistic rock | *r. estéril* barren rock | *r. estratificada* stratified rock | *r. extrusiva* extrusive rock | *r. filoniana* dike rock | *r. fragmentosa* clastic rock | *r. hialina* volcanic glass | *r.-hongo* | *r. intermediaria* intermediate rock | *r. intrusiva* intrusive rock | *r. madre* gangue | source rock | *r. magmática* magmatic rock | *r. maleta* suitcase rock | *r. metamórfica* metamorphic rock | *r. muerta* bedrock (placers) | *r. pelítica* pelitic rock | *r. picada* crushed stone | *r. plutónica* plutonic rock | *r. productiva* reservoir rock | *r. recipiente* reservoir rock | *r. salina* evaporite | *r. sedimentaria* sedimentary rock | *r. silíce*a silicic rock | *r. superficial* volcanic rock | *r. vítrea* volcanic glass | *r. vecina* country rock, wall rock | *r. verde* greenstone | *r. viva* unaltered rock | *r. volcánica* volcanic rock | *r. zoógena* organic rock

rocalita *nf* rockallite (*obs*, alkalic granite)

rocalla *nf* rubble, talus | stone chippings | striated pebble

rocalloso,-sa *adj* rocky, rubbly | stony

rocoso,-sa *adj* rocky, rubbly | stony

rodado,-da *adj* round | *nm* float | gravel

rodesita *nf* rhodesite

rodio *nm* rhodium

rodita *nf* rhodite | diogenite

rodizita *nf* rhodizite

rodocrosita *nf* rhodocrosite

rodolita *nf* rhodolite

rodonita *nf* rhodonite

rodostannita *nf* rhodostannite

rodusita *nf* rhodusite

roedura *nf* erosion | corrosion, attrition

roela *nf* round piece of crude gold or silver

roeperita *nf* roepperite

roer *vtr* to erode

roeslerita *nf* roesslerite, rösslerite

rogianita *nf* roggianite

rojizo,-za *adj* reddish

rojo,-ja *adj* red | *nm* red | *r. blanco* white heat | *r. cereza* cherry red

rombal *adj* rhombic

rómbico,-ca *adj* rhombic

rombiforme *adj* rhombic

rombododecaedro *nm* rhombic dodecahedron

romboédrico,-ca *adj* rhombohedral

romboedro *nm* rhombohedron

romboidal *adj* rhomboidal, diamond-shaped

romboide *nm* rhomboid

romboideo,-dea *adj* rhomboid

rompeolas *nm* wave breaker, breakwater

rompepiedras *nm* stone crusher

romper *vtr* to break, crush | to pierce, penetrate, break through

rompiente *nm* breaking | breaker | reef, shoal

rompimiento *nm* communication between any two parts of a mine | breaking through

ronguero *nm* [Pe] ore carrier who uses a *capacho*

roqueda *nf* rocky place

roquedal *nm* rocky place

roquedo *nm* crag, rock

roqueño,-ña *adj* rocky

rosa *adj* pink | *nf* rose diamond | rose, rosette | *r. de diaclasas* joint rose or rosette

rosado,-da *adj* pink, rosy, rose-colored

rosario *nm* chain | *en rosario* en echelón

roseta *nf* rosette copper

rosicler *nm* bright rosy color | ruby silver

(proustite-pyrargyrite) | *r. claro* proustite | *r. de*

- cobre* cuprite | *r. negro* stephanite | *r. oscuro* pyrargyrite
- rosolita** *nf* landerite
- rosterita** *nf* vorobyevite
- rotación** *nf* rotation
- rotacional** *adj* rotational
- rotativo,-va** *adj* rotary
- rotatorio,-ria** *adj* rotary
- rotoinversión** *nf* rotoinversion
- rotoreflexión** *nf* rotoreflexion
- rótulo** *nm* tag
- roza** *nf* undercutting | [Cu] land measure of about 1.2 acres
- rozadora** *nf* coal cutting machine
- rozadura** *nf* undercut
- rozar** *vtr* to undercut, cut away
- rubelita** *nf* rubellite (variety of tourmaline)
- rúbeo,-bea** *adj* reddish
- rubí** *nm* (*pl rubíes*) ruby | *r. balaje* balas ruby | *r. de bohemia* rose quartz | *r. de estaño* red crystalline variety of cassiterite | *r. del brasil* red topaz | *r. del cabo* Cape ruby | *r. espinela* spinel ruby | *r. estrellado* star ruby | *r. oriental* corundum. | *r. rosado* balas ruby
- rubial** *nm* [Cartagena, Sp] siliceous, magnesium bearing partings in iron ore
- rubidio** *nm* rubidium | *r.-estroncio* rubidium-strontium
- rubinblenda** *nf* rubinblende
- rubio** *nm* limonite | brown hematite
- rubor** *nm* bright red
- rugosidad** *nf* rugosity
- rugoso,-sa** *adj* rugose, wrinkled
- rumbadero** *nm* ore shoot
- rumbeador** *nm* [Méx] prospector
- rumbo** *nm* strike | direction | *r. del buzamiento* dip direction
- rumbón** *nm* weathering
- runita** *nf* graphic granite
- rupeliano,-na** *adj* Rupelian
- rupeliense** *adj* Rupelian
- ruptura** *nf* rupture | *r. de pendiente* break in slope
- rusciniense** *adj* Ruscinian.
- rutenarsenita** *nf* ruthenarsenite
- ruteniridosmina** *nf* rutheniridosmine
- rutenio** *nm* ruthenium
- rutenosmiridio** *nm* ruthenosmiridium
- rutilado,-da** *adj* rutilated
- rutilo** *nm* rutile

S

saaliense *adj* Saalian

sábado *nm* a piece of high grade ore, of the sort that Mexican miners were once permitted to search for on the mine dumps each Saturday (*el sábado*) or might otherwise help themselves to on any other day of the week

sabana *nf* savannah | a placer mine located above water, on the banks of a river

sabanalamar *nm* [Col] low-lying area frequently flooded by the sea

sabanazo *nm* [Col] small stretch of flat land

sabanera *nf* diorite

sabiniense *adj* Sabinian

sablón *nm* coarse sand

sábulo *nm* fine gravel

sabuloso,-sa *adj* sandy, gritty, arenaceous, sabulous, sabulose, sabuline

saca *nf* extraction, taking out, withdrawal, removal of ore, etc. | [Bol] drill cuttings

sacador *nm* sampler | *s. de muestras* sampler, sampling device

sacamuestras *nfpl* sampler, sampling device | core barrel | *s. de fondo* bottom sampler | *s. de pared* side wall sampler

sacanúcleo *nm* core barrel | *s. de pared* wall sampler

sacar *vt* to extract, take out, remove ores, etc.

sacatestigo *nm* core barrel

saco *nm* sack | *s. de ixtle*. sack made from the fibre of the *lechaguilla* plant that holds 5 to 6 *arrobas* of ore | *de s.* or *en s.* irregular, sack-like

sacudida *nf* shaking | *s. sísmica* earthquake

saetín *nm* chute, headrace, flume

sagenítico,-ca *adj* rutilated, sagenitic

saheliano,-na *adj* Sahelian

saheliense *adj* Sahelian

sajoniano,-na *adj* Saxonian

sajónico,-ca *adj* Saxonian

sajoniense *adj* Saxonian

sajonita *nf* saxonite

sakmariense *adj* Sakmarian

sal *nf* salt | *s. amarga* epsomite | *s. blanca* washed salt | *s. común* rock salt, halite | *s. de agua* salt crystallized from water | *s. de barco* porous, impure rock salt | *s. de compás* sock salt | *s. de corazón*. pure, nonporous salt | *s. de desecho* salts such as kieserite, sylvanite, carnalite, kainite and polyhalite that were once considered worthless | *s. de desescombro* beds of

potassium and magnesium salts | *s. de garza* rock salt intermediate in purity and porosity between *s. de barca* and *s. de corazón* | *s. de manantiales* brine salt | *s. de roca* rock salt | *s. de tierra* impure salt found in dried lake beds | *s. dura* salts of the sylvite group, e.g. sylvite, kieserite and halite | *s. gema* sock salt, halite | *s. gorda* or *en grumos* clotty salt evaporated from brine | *s. marina* sea salt | *s. pedrés* or *pedra* rock salt | *s. potásica* potassium salt | *s. principal* carnalite, kieserite and halite | *s. roja* unwashed salt

salacuifer *nm* saline aquifer

salada *nf* [US] salt covered plain where a lake has evaporated

saladar *nm* salt marsh | pool filled with tide or flood waters in which salt deposits are formed by evaporation | dry lake, salar

salado,-da *adj* saline, salty, salt

salar *nm* saline lake deposits consisting largely of evaporites and brines | salt marsh | salt flat | salting of a mine or prospect

salazón *nm* [Arg] salinity

salbanda *nf* thin layer of clay between a vein and wall-rock, selvage, salband

salero *nm* salt mine

salfémico,-ca *adj* sulfemic

salíco,-ca *adj* salic

salida *nf* outcrop | leak or seep

saliente *nm* salient

salífero,-ra *adj* saliferous

salina *nf* salt mine | salt marsh | salina | salt pan | salt basin | salt flat | [Arg] salt desert

salinas *nfpl* salt works | salt marsh

salinero,-ra *adj* salt | requiring much salt in the *patio* process of amalgamation of silver ore | *nm* person employed to add salt to ore in the *patio* process of amalgamating silver ore

salinidad *nf* salinity

saliniense *adj* Salinan

salinización *nf* salinization

salino,-na *adj* saline, salty

salinómetro *nm* salinometer

salitrado,-da *adj* saltpetrous
salitral *adj* saltpetrous | *nm* salt deposit | saltpeter deposit | saltpeter/nitrate works | salt basin | [Arg] salt marsh, salt steppe

salitre *nm* salpeter, niter | [Ch] sodium nitrate

salitrera *nf* salpeter deposit or bed | [Ch] deposit of sodium nitrate

salitrería *nf* salpeter or nitrate works

salitrero,-ra *adj* saltpetrous | *nm* salpeter worker

- salitroso,-sa** *adj* salpetrous
salma *nf* ton
salmoita *nf* tarbuttite
salmuera *nf* brine
salobral *adj* saline
salobre *adj* brackish, briny or salty
salobreño,ña *adj* saline
salobridad *nf* saltiness, brackishness
salón *nm* cavern or chamber of ore
saloneo *nm* [Bol] room with roof supported by pillars or timbering
salopiense *adj* Salopian
salsa *nf* mud volcano
salsedumbre *nf* salinity
salsima *nf* salsima, sialsima
saltación *nf* saltation
saltierra *nf* impure salt derived from dried lake beds
salto *nm* throw of a fault | fault | *s. aparente* a younger vein which intersects an older vein at an acute angle such that it follows the older vein for a distance | *s. de agua* waterfall | *s. horizontal* horizontal displacement, shift | *s. neto* slip | *s. vertical* vertical displacement, throw
samarío *nm* samarium | *s.-neodimio* samarium-neodymium
sammíta *nf* psammite
sammítico,-ca *adj* psammitic
sammogénico,-ca *adj* psammogenic
sandía *nf* [NMex] oblong, oval or rounded mountain resembling a watermelon
saneado,-da *adj* drained
saneamiento *nm* drainage
sanear *vtr* to drain, dry out
sangamoniense *adj* Sangamonian
sangría *nf* a tunnel that joins two main shafts
sanguinaria *nf* bloodstone
sanidina *nf* sanidine
sannoniano,-na *adj* Sannonian
sannoniense *adj* Sannonian
sano *nm* whole, virgin, unworked ground
santoniano,-na *adj* Santonian
santoniense *adj* Santonian
sanukitoide *nm* orthoandesite
sapantracita *nf* sapanthracite
saperita *nf* sapperite
saponita *nf* soapstone, saponite
saprolítico,-ca *adj* saprolitic
sapropel *nm* sapropel
sapropélico,-ca *adj* sapropelic
sapropelita *nf* sapropel
saprosammíta *nf* sandy sapropel
sarabiado,-da *adj* gneissic
sarcopsida *nf* sarcopside
sardiense *adj* Sardic
sardio *nm* sard
sardo *nm* sard
sardónica *nf* sard
sardónice *nm* sardonix
sardonio *nm* sardonix
sardónique *nm* sardonix
sardónix *nm* sardonix
sarmatiano,-na *adj* Sarmatian
sarmantiense *adj* Sarmatian
sarro *nm* scale, incrustation
sarroso,-sa *adj* scaly, incrustated
sasasa *nf* [Vz] a local variety of sandstone
sassolina *nf* sassolite
satelita *nf* satellite, fibrous serpentine
saturación *nf* saturation | *s. pendular* pendular water saturation
saturado,-da *adj* saturated
saturar *vtr* to saturate
saucesiense *adj* Saucesian
saukovita *nf* metacinnabar
saussuritización *nf* saussuritization
scachita *nf* scacchite
scytiano,-na *adj* Scythian
scytiense *adj* Scythian
schapbachita *nf* matildite
scheibeita *nf* phoenicochroite
schoenita *nf* picromerite
secano *nm* sand bar
secas *nfpl* refined silver
sección *nf* section | *s. delgada* thin section | *s. longitudinal* longitudinal section | *s. pulimentada* polished section | *s. transversal* cross section
secadal *nm* moorland
secreción *nf* secretion | segregation
sectil *adj* sectile
secron *nm* sechron
sector *nm* section, part, sector | area, zone
secuaniano,-na *adj* Sequanian
secuaniense *adj* Sequanian
secuencia *nf* sequence | *s. estratigráfica* sedimentary sequence
secundario,-ria *adj* secondary | supergene | *nm* Mesozoic
sedentario,-ria *adj* sedentary
sediflucción *nf* sedifluction
sedimentación *nf* sedimentation | *s. euxina* euxenic sedimentation
sedimentar *nf* to aggrade, sediment

- sedimentario,-ria** *adj* sedimentary
- sedimento** *nm* sediment, deposit | *s. abisal* pelagic sediment | *s. anemógeno* aeolian sediment | *s. clástico* clastic sediment | *s. de mar profundo* pelagic sediment | *s. efestógeno* volcanoclastic sediment | *s. eólico* aeolian sediment | *s. biógeno* organic sediment | *s. clástico* clastic sediment | *s. criógeno* glacial sediment | *s. eólico* aeolian sediment | *s. eupelágico* | *s. fluvial* fluvial sediment | *s. hemipelágico* hemipelagic deposit | *s. límnico* lacustrine sediment | *s. litoral* coastal sediment | *s. marino* marine sediment | *s. mecánico* mechanical sediment | *s. orgánico* organic sediment | *s. organógeno* organic sediment | *s. pelágico* pelagic deposit | *s. químico* chemical sediment
- sedimentos** *nmpl* drill cuttings
- sedimentología** *nf* sedimentology
- sedimentorio** *nm* sedimentation
- sedoso,-sa** *adj* silky
- seelandiense** *adj* Seelandian
- seficidad** *nf* psephicity
- sefita** *nf* sudite, psephite
- sefítico,-ca** *adj* psephitic
- segmentación** *nf* segmentation
- segmentado,-da** *adj* segmented
- segmento** *nm* segment
- segregación** *nf* segregation
- segregado,-da** *adj* segregated
- segullo** *nm* overburden on a gold mine
- segundo** *nm* second
- seísmo** *nm* earthquake, seism
- selección** *nf* selection, sorting | *s. a mano* hand sorting
- seleccionado,-da** *adj* sorted, selected
- selectivo,-va** *adj* selective
- selenio** *nm* selenium
- selenato** *nm* selenate
- selenida** *nf* selenide
- selenita** *nf* selenite
- selen-telurio** *nm* selen-tellurium
- semialto** *nm* [Tepezala, Aguascalientes, Méx] furnace used for smelting copper ore
- semiantracita** *nf* semianthracite
- semibituminoso,-sa** *adj* semibituminous
- semicratónico,-ca** *adj* quasicratonic
- semicristalino,-na** *adj* hyalocrystalline
- senda** *nf* foot trail, path
- senecaniense** *adj* Senecan
- senectud** *nf* senescence
- senescente** *adj* senescent
- senil** *adj* senile (erosion)
- senilidad** *nf* senility (erosion)
- seno** *nm* trough
- senoniano,-na** *adj* Senonian
- senoniense** *adj* Senonian
- sensitividad** *nf* sensitivity
- sentarse en** *vpr* to intersect, as in a shaft intersecting a vein
- sentazón** *nm* rock slide or landslide
- sentido** *nm* sense or direction of throw on a fault
- señoraje** *nm* royalty paid to the crown or state
- señorial** *nm* [Huancavelica, Pe] smelter tolls paid to owners of *pachamanca* furnaces
- separación** *nf* sorting or classification of ore | separation | parting
- separar** *vtr* to sort or classify ore
- separata** *nf* reprint
- sepé** *nm* [Col] layer of iron stained clay found above auriferous gravels
- separador** *nm* separator | *s. de gas* gas separator
- septentrional** *nm* vein having a north-south trend
- séptima** *nf* one seventh of the able-bodied work force of an Indian community drawn for service in the *mita*
- sequaniense** *adj* Sequanian
- ser un oral** *v. intr.* [Col] to be a rich mine
- sericítico,-ca** *adj* sericitic
- sericitización** *nf* sericitization
- serie** *nf* series | *s. calco-alcalina* calc-alkaline series | *s. isoquímica* isochemical series | *s. ordenada* ordered series | *s. petrolífera* oil-bearing series or strata
- serir** *nm* serir, stony desert
- serpenteado,-da** *adj* having a serpentine or highly variable strike or trend (veins)
- serpentina** *nf* serpentine | *s. fibrosa* crysotile | *s. hojosa* antigorite
- serpentinización** *nf* serpentinization
- serpofita** *nf* serpophita
- serrado,-da** *adj* serrate, serrated
- serranía** *nf* ridge
- serravalliense** *adj* Serravallian
- sesgadura** *nf* shearing
- sesgo,-ga** *adj* biased | *nm* bias | *sin s.* unbiased
- sesgoconglomerado** *nm* edgewise structure
- seudoautunita** *nf* pseudoautunite
- seudoboleita** *nf* pseudoboleite
- seudobomba** *nf* lava ball
- seudobrecha** *nf* pseudobreccia
- seudobrookita** *nf* pseudobrookite
- seudocapa** *nf* pseudobed

- seudocarst** *nm* pseudokarst
seudocirco *nm* pseudocirque
seudoclorita *nf* pseudochlorite
seudoconcreción *nf* pseudoconcretion
seudoconglomerado *nm* pseudoconglomerate
seudocotunita *nf* pseudocotunnite
seudocrisolita *nf* pseudochrysolite
seudocrital *nm* pseudocrystal
seudo-difusión *nf* pseudo-diffusion
seudofalla *nf* pseudofault
seudofenocristo *nm* pseudophenocryst
seudofibroso,-sa *adj* pseudofibrous
seudofita *nf* pseudophite
seudofósil *nm* pseudofossil
seudogalena *nf* sphalerite
seudogradacional *adj* pseudogradational
seudolaguna *nf* pseudolagoon
seudolaueita *nf* pseudolaueite
seudoleucita *nf* pseudoleucite
seudomalaquita *nf* pseudomalachite
seudomatriz *nf* pseudomatrix
seudomicrita *nf* pseudomicrite
seudomicrosparita *nf* pseudomicrosparite
seudomonoclínico,-ca *adj* pseudomonoclinic
seudomontaña *nf* pseudomountain
seudomórfico,-ca *adj* pseudomorphic
seudomorfismo *nm* pseudomorphism
seudomorfo *nm* pseudomorph
seudonódulo *nm* pseudonodule
seudo-ofítico,-ca *adj* pseudo-ophitic
seudo-oolito *nm* pseudo-oolith
seudoporfirítico,-ca *adj* pseudoporphyrific
seudoporfiroblástico,-ca *adj*
 pseudoporphroblastific
seudosefita *nf* pseudobreccia,
 pseudoconglomerate
seudorutilo *nm* pseudorutile
seudosecundario,-ria *adj* pseudosecondary
seudosparita *nf* pseudosparite
seudostratificación *nf* pseudostratification
seudosimetría *nf* pseudosymmetry
seudotaquilita *nf* pseudotachylite
seudovitrinita *nf* pseudovitrinite
seudovitrinoide *nm* pseudovitrinoid
seudovolcán *nm* pseudovolcano
seudowavellita *nf* crandallite
sial *nm* sial, upper crust, sal, granitic layer
siálico,-ca *adj* sialic
sialita *nf* sialite, clay mineral
sialítico,-ca *adj* sialitic
siciliense *adj* Sicilian
siderazote *nm* siderazot
siderodote *nm* siderodot (*var* siderite)
siderofilita *nf* siderophyllite
siderófilo,-la *adj* siderophile
siderófito *nm* siderophyte
siderolito *nm* aerosiderite
sideroso,-sa *adj* siderose | *nf* siderite
siderosfera *nf* siderosphere, inner core
siderotilo *nm* siderotil
sidurgia *nf* iron and steel industry
siderúrgico,-ca *adj* iron and steel
siegeniano,-na *adj* Siegenian
siegeniense *adj* Siegenian
sienido,-da *adj* syenide
sienita *nf* syenite
sienitoide *nm* syenitoide
sienodiorita *nf* syenodiorite
sienogabro *nm* syenogabbro
sierra *nf* mountain range | ridge
sierranita *nf* sierranite
siferna *nf* siferna, sima
sigmoideo,-dea *adj* sigmoid, sigmoidal
sil *nm* yellow ochre
silcreta *nf* silcrete
silesiense *adj* Silesian
sílex *nm* flint, silex, chert | silica
silexita *nf* quartzolite, silexite | chert
silhidrita *nf* silhydrite
silicación *nf* silication
silicado,-da *adj* silicated
silicalita *nf* silicalite
silicato *nm* silicate | *s. aislado* nesosilicate | *s. de aluminio* aluminosilicate | *s. en andamiaje* tectosilicate | *s. en anillo* ring silicate, cyclosilicate | *s. en cadena* chain silicate, inosilicate | *s. en grupo* sorosilicate | *s. en hoja* phyllosilicate
silíce *nf* silica
silíceo,-cea *adj* siliceous
siliciclástico,-ca *adj* siliciclastic
silícico,-ca *adj* silicic
silicificación *nf* silicification
silicificado,-da *adj* silicified
silicificar *vtr* to silicify
silicilito *nm* silicilith
silicinato,-ta *adj* silicinate
silicio *nm* silicon
siliciofita *nf* siliciophite
silicoso,-sa *adj* siliceous
silicotélico,-ca *adj* telehemic
silificación *nf* silicification
silo *nm* sill
silomelana *nf* psilomelane

- siluriano,-na** *adj* Silurian | *nm* Silurian
silúrico,-ca *adj* Silurian | *nm* Silurian
silvanita *nf* sylvanite
silvina *nf* sylvite
silvinita *nf* sylvinite (mixture of halite and sylvite)
silvita *nf* sylvite
silla *nf* saddle, as in a vein, fold, etc.
sillar *nm* sillar | nonwelded ash-flow tuff
sillería *nf* ashlar stone
sillina *nf* [Pe] sulfur
sima *nf* sima, intermediate layer, basaltic layer | chasm, abyss, cavern
simático,-ca *adj* simatic
simetría *nf* symmetry
simétrico,-ca *adj* symmetric, symmetrical
simictita *nf* symmictite | diamictite
simpléctico,-ca *adj* symplectic
simplectita *nf* symplectite
simplesita *nf* symplectite
sinadelfita *nf* synadelphite
sinantéctico,-ca *adj* synantectic
sinclinal *adj* synclinal | *nm* syncline | *s. acostado* recumbant syncline. | *s. asimétrico* asymmetric syncline | *s. recostado* recumbant syncline | *s. recumbente* recumbant syncline | *s. simétrico* symmetric syncline | *s. volcado* overturned syncline
sinclinorio *nm* synclinorium
sincroneidad *nf* synchronicity
sincrónico,-ca *adj* synchronous
sinchisita *nf* synchysite
sindeposición *nf* syndeposition
sindeposicional *adj* syndepositional
sineclisa *nf* synclise
sinemuriano,-na *adj* Sinemurian
sinemuriense *adj* Sinemurian
sinforma *nf* synform
singénesis *nf* syngeneses
singenético,-ca *adj* syngenetic
singonia cristalográfica *nf* crystallization system
siniese *adj* sinian, siphean
siniestro,-tra *adj* sinistral
sinkinemático,-ca *adj* synkinematic
sinópal *nm* sinople
sinorogénico,-ca *adj* synorogenic
sintectónico,-ca *adj* syntectonic
sinsedimentario *nm* symsedimentary
sintáctico,-ca *adj* syntactic
sintéctico,-ca *adj* syntectic
sintectita *nf* syntectite
sintectónico,-ca *adj* syntectonic
síntesis *nm* synthesis
sintético,-ca *adj* synthetic
sirca *nf* [Ch] vein
sircar *vtr* [Ch] to strip overburden from a vein
sismicidad *nf* seismicity
sísmico,-ca *adj* seismic | *nf* seismic | *s. aplicada* seismic recording
sismita *nf* seismite
sísmo *nm* earthquake | *s. cercano* nearby earthquake | *s. de dislocación* tectonic earthquake | *s. distante* distant earthquake | *s. final* aftershock | *s. lejano* distant earthquake | *s. local* nearby earthquake | *s. preliminar* foreshock | *s. precursor* foreshock | *s. principal* main shock | *s. tectónico* tectonic earthquake | *s. volcánico* volcanic earthquake
sismoescopo *nm* seismoscope
sismógrafo *nm* seismograph | *s. de reflexión* reflection seismograph | *s. de refracción* refraction seismograph | *s. sintético* synthetic seismograph
sismograma *nm* seismogram
sismología *nf* seismology
sismometría *nf* seismometry
sismómetro *nm* seismometer
sismondina *nf* sismondine
sistema *nm* system | process | *s. cantera* quarrying | *s. cristalino* crystal system | *s. de fallas* fault system | *s. de paradas* [Ch] recovery of sodium nitrate by evaporating caliche in an iron caldron | [seis] *s. de tiro* shooting system | *s. digitalizador* digitizer | *s. hidrográfico* river system
sistemático,-ca *adj* systematic
sitaparita *nf* bixbyite
sitio *nm* location, site | *s. de labor* [Méx] a land measure of 5,000 *varas* square | *s. de ganado mayor* an area of land 5,000 *varas* 1 league square | *s. de ganado menor* an area of land 3,333 *varas* square
situación *nf* location, site | *s. de sondeo* well site or location
situadista *nm* worker employed to transport *situados*
situados *nimpl* payments in silver from silver mines to the Spanish royal exchequer (often incorrectly applied to all silver shipments from South America)
situar *vtr* to locate
skiddaviano,-na *adj* Skiddavian
skiddaviense *adj* Skiddavian
skytiense *adj* Skythian

- smirnovita** *nf* thorutite
smithiense *adj* Smithian
sobrecapa *nf* overburden
sobreconsolidación *nf* overconsolidation
sobreempuje *adj* overthrust
sobreescurrimiento *nm* overthrust
sobreexcavación *nf* overexcavation
sobreguía *nf* intermediate level (in a mine)
sobreimposición *nf* superimposition
sobreplegamiento *nm* overfold
sobreponer *vtr* to overlap
sobreposición *nf* overlap
sobrepuesto,-ta *adj* superimposed, overlapping
sobrerrajado *nm* [Bol] overbreak
sobresabana *nf* alluvial deposit
sobresaliente *adj* overhanging, projecting
sobresalir *vtr* to overhang, project, jut out
sobresaturación *nf* oversaturation
sobresaturado,-da *adj* oversaturated
sobresaturar *vtr* to oversaturate
sobrevega *nf* [PR] highest part of a low-lying area
sobreyacente *adj* overlying
sócalo *nm* basemant
socava *nf* undermining
socavación *nf* undermining
socavadora *nm* undercutter
socavamiento *nm* undermining
socavar *vtr* to undermine, undercut, dig under
socavón. *nm* excavation | gallery, tunnel, adit | subsidence | *s. de cateo* prospecting adit | *s. de desagüe* drainage adit, drainage tunnel
socavonero *nm* worker who drives a tunnel or gallery
socaz *nm* tailrace
socio,-ia *adj* companion, associated
socorro *nm* assistance, aid | *s. voluntario* [Pe] forced labor in mines abolished in 1812
sodaclaso *nm* albite
sodalitita *nf* sodalithite | sodalite
sódico,-ca *adj* sodic
sodio *nm* sodium
sofocado,-da *adj* abandoned on account of flooding (mines)
sofocarse *vpr* to flood
sol *nm* sun | [Potosí, Bol] the eastern side of Cerro Rico de Potosí
solapado,-da *adj* overlapped, overlapping
solapar *vtr* to overlap
soldadura *nf* coalescence | fusion
soldarse *vpr* to coalesce
solera negra or **solera pobre** *nf* [Almadén, Sp] sandstone impregnated with cinnabar
soleta *nf* clay or shale parting found in coal seams
solevamiento *nm* uplift
solevantamiento *nm* uplift
solfatárico,-ca *adj* solfataric
solidificación *nf* solidification
sólido,-da *adj* solid
soliflucción *nf* solifluction
soligénuoso,-sa *adj* soligenous
solubilidad *nf* solubility
solución *nf* solution | *s. hidrotermal* hydrothermal solution | *s. molar* molar solution | *s. sólido* solid solution
solvación *nf* solvation
solvente *nm* solvent
sombra *nf* grayish tinge exhibited by some ores | *de s.* [Col] horizontal, bedded, manto-like
sombrero de alteración *nm* gossan
sombrio *nm* [Potosí, Bol] the western side of the Cerro Rico de Potosí
somero,-ra *adj* shallow
sonar *nm* sonar | *s. de superficie* surface sonar
sonda *nf* sonde | drill | *s. caliza* limestone sonde | *s. de cable* cable drill | *s. de corona* core drill | *s. de cuchara* earth auger | *s. de diamantes* diamond drill | *s. de núcleo* core drill | *s. de prospección* prospecting drill | *s. de rotación* rotary drill | *s. de tierra* earth auger
sondador *nm* echo sounder
sondaje *nm* boring, drilling | sounding | *s. a diamante* diamond drilling | *s. con corazón* core drilling | *s. de exploración* test drilling | *s. de testigo* core drilling
sondar *vtr* to drill, bore | to take soundings
sondear *vtr* to drill, bore | to investigate or explore ground | to take soundings
sondeo *nm* drilling, boring | sounding | *s. a la granalla* adamantine shot drilling | *s. ascendente* upward hole | *s. desviado* deviated hole | *s. estratigráfico* core drilling | *s. marino* offshore drilling | *s. oblicuo* drilling at an angle | *s. por aire* air drilling
soníco,-ca *adj* sonic
sonógrafo *nm* sonograph
sonrosado,-da *adj* rosy, pink
soplado *nm* deep fissure | open pocket in a vein, generally lined by druse | alluvium poor in gold
sorbencia *nf* seepage
sordawalita *nf* tachylyte

- soroche** *nm* argentiferous lead ore, usually galena | *s. plomoso* lead carbonate | *s. reluciente* argentiferous galena
- soroque** *nm* gangue, matrix
- sorosilicato** *nm* sorosilicate
- sosa** *nf* soda ash | natrona
- sótano** *nm* [Méx] vertical cave
- sotavento,-ta** *adj* leeward, lee
- soterrado,-da** *adj* buried, underground, blind
- soterraño,-ña** *adj* subterranean, underground
- sotlanque** *nm* calcopyrite
- sotominero** *nm* subforeman (in a mine)
- Southern** *nfpr* [Pe] "La Southern", the Southern Peru Copper Corporation
- soyota** *nf* Mineralized vug or cavity
- sparnaciense** *adj* Sparnacian
- spatiense** *adj* Spathian
- spencita** *nf* tridymite-(Y)
- staffordiense** *adj* Staffordian
- stampiense** *adj* Stampian
- stefaniense** *adj* Stephanian
- sterrettita** *nf* kolbeckite
- stipoverita** *nf* stishovite
- struniense** *adj* Strunian
- styriense** *adj* Styrian
- suavizado,-da** *adj* smoothed
- subactivo,-va** *adj* subactive
- subacuático,-ca** *adj* underwater, subaquatic
- subácueo,-cua** *adj* underwater
- subafloramiento** *nm* subcrop
- subalcálico,-ca** *adj* subalkalic
- subalcalino,-na** *adj* subalkaline
- subaluvial** *adj* suballuvial
- subalpino,-na** *adj* subalpine, montane
- subaluminoso,-sa** *adj* subaluminous
- subarkosa** *nf* subarkose
- subarkósico,-ca** *adj* subarkosic
- subarriendo** *nm* sublease
- subartesiano,-na** *adj* subartesian
- subautomórfico,-ca** *adj* subautomorphic
- sub-bentonita** *nf* metabentonite
- sub-bituminoso,-sa** *adj* sub-bituminous.
- subclase** *nm* subclass
- subconsecuente** *adj* subconsequent
- subcontinente** *nm* subcontinent
- subcortical** *adj* subcrustal
- subcuenca** *nf* sub-basin
- subdiabásico,-ca** *adj* subdiabasic
- subdrenaje** *nm* subdrainage
- subducción** *nf* subduction
- subestrato** *nf* sole | substratum
- subetapa** *nf* substage
- subfábrico** *nm* subfabric
- subfelsespático,-ca** *adj* subfeldspathic
- subfillarenita** *nf* subphyllarenite
- subfluvial** *adj* underriver
- subfósil** *nm* subfossil
- subgrafita** *nf* metagraphite
- subgrauwacke** *nm* subgreywacke
- subgrupo** *nm* [strat] subgroup
- subhedrón** *nm* subhedron
- subherciniense** *adj* Subhercynian
- subhorizonte** *nm* substratum
- subidiomórfico,-ca** *adj* hypidiomorphic, subautomorphic
- subjacente** *adj* subjacent
- sublacustre** *adj* sublacustrine
- sublevación** *nf* uplift
- sublimación** *nf* sublimation
- sublimado** *nm* sublimate | *s. amarillo* orpiment | *s. rojo* realgar
- sublimar** *vtr* to sublimate
- sublitarenita** *nf* sublitharenite
- sublitoral** *adj* sublittoral, neritic
- sublitwacke** *nm* sublithwacke
- submarino,-na** *adj* submarine
- submaturado,-da** *adj* submature
- submetálico,-ca** *adj* submetallic
- submuestreo** *nm* subsampling
- subofítico,-ca** *adj* subophitic
- subperíodo** *nm* subperiod
- subpresión** *nf* underpressure
- subproducto** *nm* byproduct
- subrampa** *nf* subincline (in a mine)
- subrosión** *nf* subrosion
- subsaturación** *nf* subsaturation
- subsaturado,-da** *adj* subsaturated
- subsaturar** *vtr* to subsaturate
- subsecuente** *adj* subsequent
- subsistencia** *nf* subsidence
- subsidiario,-ria** *adj* subsidiary
- substancia** *nf* substance
- substitución** *nf* substitution | *s. metasomática* metasomatism
- substituto** *nm* substitute
- substrato** *nm* substratum
- subsuelo** *nm* subsoil | subsurface
- subterráneo,-nea** *adj* subsurface, underground
- subterrano** *nm* subterranean
- subvolcán** *nm* subvolcano
- subvolcanico,-ca** *adj* subvolcanic
- subyacente** *adj* underlying
- succino** *nm* amber
- succión** *nf* subduction

- sucesión** *nf* succession
sudético,-ca *adj* Sudetic
suelo *nm* soil, land | ground | surface
suelto,-ta *adj* loose, unconsolidated
suelto *nm* loose piece of ore
sulfate *nm* [Tetala de Oro, Puebla, Méx] aluminous clay containing iron sulfates
sulfatita *nf* sulphatite
sulfato *nm* sulfate | *s. bórico* barite | *s. de calcio* gypsum | *s. de plomo* anglesite | *s. pesado* barite | *s. sódico* mirabilite
sulfidización *nf* sulfurization
sulfito *nm* sulfite
sulfofilo,-la *adj* sulphophile
sulfosale *nm* sulfosalt
sulfurado,-da *adj* sulfuretted
sulfúrico,-ca *adj* sulfuric
sulfurización *nf* sulfurization
sulfuro *nm* sulfide or sulfide ore | *s. de cadmio* greenockite | *s. de cobre* chalcocite | *s. de plomo* galena | *s. rojo*. realgar | *sulfuros en masa* massive sulfides
sulfuroso,-sa *adj* sulfurous | sour
suma *nf* addition
sumergido,-da *adj* submerged
sumergimiento *nm* submergence
sumergir *vtr* to submerge
sumersión *nf* submersion
sumidero *nm* [PR] sinkhole
sumir *vtr* to submerge
sundtita *nf* andorite
superantracita *nf* superanthracite
superetapa *nf* superstage
superficial *adj* superficial
superficie *nf* surface | area, extent | acreage | *de s.* surface | *en s.* at the surface | *s. de deslizamiento* translation plane or surface | slickenslide | *s. de equilibrio* isostatic equilibrium surface | *s. de erosión* erosion surface | *s. de estratificación* bedding surface, bedding plane. | *s. de fracturación* fracture plane, fault plane | *s. lístrica* listric surface
superficies-s *nfpl* s-surface
superfluyente *adj* superfluent
supergénico,-ca *adj* supergene
supergrupo *nm* supergroup
superior *adj* upper
superparamagnetismo *nm* superparamagnetism
superperiodicidad *nf* superperiodicity
superplasticidad *nf* superplasticity
superponer *vtr* to superpose, superimpose
superposición *nf* superposition | *s. discordante* overstep | *s. transgresiva* onlap
superpresión *nf* overpressure
superpuesto,-ta *adj* superimposed, supplementary | *nm* overlap
supersaturación *nf* supersaturation
supersaturado,-da *adj* supersaturated
supersaturar *vtr* to supersaturate
superserie *nf* superseries
supersistema *nm* supersystem
suplementario,-ria *adj* subsidiary
supralitoral *adj* supralittoral, supratidal
surcamiento *nm* furrowing
surco *nm* groove, furrow | sill | *s. de alud* avalanche scar | *s. de erosión* erosion groove | *s. de escurrimiento* sill mark | *s. glaciárico discontinuo* jumping gouge
surgencia *nf* upwelling
surtido,-da *adj* sorted | *nm* sorting
susceptibilidad *nf* susceptibility
suspendido,-da *adj* suspended
suspensoid *nm* suspensoid
sustancia *nf* substance
sustitución *nf* substitution
sutura *nf* suture
suturado,-da *adj* sutured

T

tabaire *nm* a variety of soft limestone used for masonry

tabianiense *adj* Tabianian.

tabique *nm* [Méx] 'horse' of rock in a vein, unmineralized rock separating bands of ore

tabla *nf* slab (of rock) | table, list | side of a vein | *t. de alto* hanging wall | *t. de bajo* footwall

tablazo *nm* mesa | flat stretch of a river

tablero *nm* [Sp] slab | *t. digitalizador* digitizing tablet

tablero de comprobación *nm* map showing allocation of exploration permits

tacana *nf* silver ore | [Pe] argentite

tacano *nm* ore rich in silver

tacónico,-ca *adj* Taconic

taconiense *adj* Taconian

tacos *nmpl* [Méx] stones at the bottom of an *arrastre*

tafogénesis *nf* taphrogenesis

tafogénia *nf* taphrogeny.

tafogénico,-ca *adj* taphrogenic

tafogeosinclinal *nm* taphrogeosyncline

tafrolito *nm* taphrolith

taghanicano,-na *adj* Taghanican

tagilita *nf* pseudomalachite

tahona *nf* [Méx] variety of *arrastre* driven by a water wheel, spoon *arrastre*

tahonero *nm* [Méx] worker in charge of a *tahona*

tahúlla *nf* land measure used in southeast Spain (1 *tahúlla* = 11.18 ares = 0.28 acres)

tajadera *nf* cold chisel | [Aragón, Sp] sluice-gate

tajado *nm* slicing (in mining)

tajamar *nm* [Arg] basin

tajear *vt* [Pe] to stope

tajeo *nm* [Pe] stoping

tajerías *nfppl* [Isla San Fernando, Sp] salt-water evaporation ponds

tajo *nm* cut, opening, excavation, trench | working face or cut | *t. abierto* open cut, open pit | *t. ascendente* ascending cut | *t. descendente* descending cut | *t. descubierto* open cut | *t. recto* cut perpendicular to a gallery | *a t. abierto* open-cutting or open-pitting

tajón *nm* [Andalusia, Sp] calcareous vein from which lime is extracted

talacha *nf* [Méx] pickaxe, pick, mattock

taladrador,-ora *adj* drilling, boring or piercing | *nm* driller

taladradora *nf* drill

taladrar *vt* to drill or bore | to perforate

taladro *nm* drill or auger | drill or borehole | drill bit | *t. anular* core drill | *t. de alma* core drill | *t. de diamantes* diamond drill | *t. de rotación* rotary drill | *t. de tierra* earth auger | *t. explorador* prospecting drill | *t. testigo* [PR] core drill

talasocracia *nf* period in which the earth's oceans covered most of the continents

talasocrático,-ca *adj* characterized by ocean high stand

talasogénesis *nf* epirogenic processes that form ocean basins

talcita *nf* talcite | damourite

talco *nm* talc

talcoide *nm* talcoid

talcoso,-sa *adj* talcose, talcous

talio *nm* thallium

talmesita *nf* arsenate-belovite

talpetate *nm* talpatate, caliche | [CAm] limestone

talquita *nm* talc schist

talud *nm* talus, slope | *t. continental* continental slope | *t. de derrubios de ladera* talus pile | *t. de reposo* natural slope, slope of repose | *t. de ribera* floodplain | *t. detrítico* talus | *t. litoral* litoral plain | *t. recifal* reef talus

taludar *vt* to slope

talweg *nm* thalweg

talla *nf* cutting of precious stones | cutting or dressing of stone | working face where rock is being cut

tallado,-da *adj* cut, dressed (stones)

tallado *nm* cutting, dressing (stone, gems, etc.)

tallar *vt* to cut precious stones | to quarry | *t. en facetas* to facet

taller *nm* workshop of the kind where things are actually made and/or repaired. | Mill.

tamaño *nm* size | dimensions | volume, capacity

tambo *nm* [Bol] large open stope

tamiz *nm* sieve, sifter, usually mechanical | *pasar por el t.* to screen, sift

tamizar *vt* to sift, sieve, or screen

tampón *nm* [chem] buffer

tanda *nf* layer | series | work-shift | amount of work done (i.e. ore mined, distance drifted) during a work-shift | tour of duty in the *mita* | work gang | [pet] run

taneciano,-na *adj* Thanetian

taneciense *adj* Thanetian

tangeita *nf* calciovolborthite

- tangencial** *adj* tangential
tangente *adj* tangent | *nf* tangent
tantalio *nm* tantalum
tántalo *nm* tantalum
tantear *vtr* to work out roughly, estimate | to size-up, measure | to try out, test | to examine, study a project or proposal
tanteo *nm* rough estimate | test | approximate calculation
tapa *nf* hanging-wall, roof | coffer-dam used in placer mining
tapado,-da *adj* concealed, covered up, blind
tapado *nm* buried treasure
tapar *vtr* to conceal, cover, cover-up
tapón *nf* plug | coffer-dam used in placer mining | *t. volcánico* volcanic plug or pipe
taponar *vtr* to construct a coffer-dam in order to work placers
taqueo *nm* [Bol] a caved shaft | shaft or working backfilled with waste or low-grade ore
taquihidrita *nf* tachyhydrite
taquilita *nf* tachylite
taquimetría *nf* tachymetry, stadia survey
taquímétero *nm* tachymeter, stadia
taquisismo *nm* rapid differential movement of the lithosphere
tardiglacial *nm* a glacial stage
tarea *nf* a certain quantity of ore, drifting, etc. set out as a task to be performed in a single work shift | [Bol] a job or task performed by contract [Sto Dgo] a measure of area of about 0.1565 acres
tartariense *adj* Tartarian
tasa *nf* appraisal, valuation | tax | limit on expenditures or outlays | rate | *t. de sondeo* sampling rate
tasación *nf* appraisal, valuation | calculation
tasar *vtr* to appraise, value | to tax | to regulate, fix or ration
tascina *nf* naumannite
tasco *nm* cupel or crucible | variety of fireclay
tasconio *nm* an argillaceous earth used to make crucibles
tases *nmp* [Méx] ore calcined in open air heaps
tavistockita *nf* carbonate-apatite
taylorense *adj* Tayloran
tecacolote *nm* [Guerrero, Méx] an aluminous slate
tecalí *nm* a variety of alabaster, 'Mexican alabaster', 'Mexican marble' or 'Mexican onyx'
tecnecio *nm* technetium
tecoral *nm* [Huitzucu, Méx] waste rock
tecozahuitl *nm* yellow ochre
tecpatl *nm* flint, hornstone, green jade
tectita *nf* tektite
tectoclino *nm* geotectocline
tectoestratigráfico,-ca *adj* tectostratigraphic
tectogénesis *nf* tectonics, tectogenesis
tectógeno *nm* tectogene
tectónico,-ca *adj* tectonic | *nf* tectonics | *t. de placas* plate tectonics | *t. salina* salt tectonics
tectonismo *nm* diastrophism
tectonita *nf* tectonite
tectonización *nf* tectonization
tectonofísica *nf* tectonophysics
tectonosfera *nf* tectonosphere
tectosecuente *adj* tectosequent
tectosfera *nf* tectosphere
tectosilicato *nm* tectosilicate
tectotopo *nm* tectotope
techo *nm* layer or bed which caps a deposit | *t. de galería* hanging-wall, roof
tefra *nf* tephra
tefrita *nf* tephrite
tefrocronología *nf* tephrochronology
tefroíta *nf* tephroite
tehuilote *nm* [Méx] quartz crystals | country rock
tejo *nm* ingot, usually of gold | [Méx] cake of silver as the end result of the *patio* process of reducing silver ores | *t. de oro* gold bullion
tejón *nm* wedge, plate or cake of gold | [geomorph] tejon
telemétero *nm* telemeter
telera *nf* [Huelva, Sp] heaps of copper ore roasted or calcined in situ
telesismo *nm* distant earthquake, teleseism
teletermal *adj* telethermal
telurantimonio *nm* tellurantimony
telurato *nm* tellurate
telurbismuto *nm* tellurbismuth
telúrico,-ca *adj* telluric
telurido *nf* telluride
telurio *nm* tellurium | tellurium ore
telurita *nf* tellurite
telurobismutenita *nf* telluribismuthenite
teluroide *nm* telluroid
telurométero *nm* tellurometer
telogenético,-ca *adj* telogenetic
tembladero *nm* [Tobasco, Méx] area with asphaltic soil
temblor *nm* earthquake, tremor | *t. de tierra* earthquake
temiskamita *nf* maucherite

témpano *nm* ice floe | *t. de hielo* iceberg
templado,-da *nm* temperate
temprano,-na *adj* early
tenate *nm* [Méx/Hond] a bag made of hide used to haul or draw ore, etc. out of a mine (a *tenate* made from half an oxhide will hold 9 *arrobas* of ore)
tenatero *nm* [Méx] worker who carries ore in a *tenate*
tendencia *nf* trend
tenderse *vpr* [Méx] to become sub-divided or floured by amalgamation
tendido *nm* dip
tendimiento *nm* [Bol] dip
tenestel *nm* [Tasco, Méx] local variety of limestone
tenor *nm* tenor or fineness | *t. fino.* fineness of gold
tentadura *nf* [Méx] in the *patio* process of extracting silver from ore, the test washing of silver amalgamated with mercury in order to adjust the mixture of materials used in the extraction process | by extension, any test made by panning or washing
teñido,-da *adj* stained
teodolito *nm* theodolite
teorema *nm* theorem | *t. central límite* central limit theorem | *t. de Bayes* Bayes theorem
teoría *nf* theory | *t. anticlinal* anticlinal theory | *t. isostática* isostasy
teotines *nmpl* [Santa Cruz, Méx] unusually shaped rocks surrounded by volcanic ash
tepetate *nm* caliche | [Méx] volcanic tuff used in construction | waste rock or gangue | country rock | hardpan | conglomerate
tepostel *nm* [Méx] precious metal bearing gossan or supergene oxides
tepostete *nm* [Sonora, Méx] cobbles of specular hematite sometimes found in gold placers
tepustete *nm* [Calamahí, Méx] iron ore
tequezquite *nm* [Méx] sodium carbonate
tequio *nm* taxes, duties or royalty on ore | ore not worth extraction | a task set as a day's work for a miner | amount of ore to be extracted by a mine laborer under contract to a mine owner | a contract between a mine laborer and mine owner specifying the amount of ore to be extracted | the plural *tequios* can refer to heaps or stockpiles of ore
teralita *nf* theralite, foid gabbro
terbio *nm* terbium
terciario,-ria *adj* Tertiary | *nm* Tertiary

tercio *nm* half a mule load, which translates to different weights in different places, not to mention with different mules and mule skinnners
terma *nf* therm
termal *adj* thermal
termas *nfppl* hot springs
termío *nm* therm
termocarst *nm* thermokarst
térmico,-ca *adj* thermal
terminación *nf* completion of a well | *t. doble* dual completion | *t. multiple* multiple completion
termoclase *nf* crack formed in a rock by a sudden change in temperature
termodinámico,-ca *adj* thermodynamic
termoelástico,-ca *adj* thermoelastic
termogeno *nm* thermogene
termogénesis *nf* thermogenesis
termografía *nf* thermography
termogravimetría *nf* thermogravimetry
termoluminiscencia *nf* thermoluminescence
termómetro *nm* thermometer | *t. geológico* geologic thermometer
termonatrita *nf* thermonatrite
termo-osmosis *nf* thermo-osmosis
termoplástico,-ca *adj* thermoplastic
ternario,-ria *adj* ternary
terraciense *adj* Terracian
terraplén *nm* terrace | slope | terreplain
terraza *nf* terrace | *t. aluvional* alluvial terrace, drift terrace | *t. costera* raised beach | *t. de deposición* aggradation terrace | *t. de erosión* erosional terrace | *t. de geiserita* sinter terrace | *t. estructural* structural terrace | *t. favorable* favorable ground | *t. fluvial* stream terrace | *t. impar* unpaired terrace | *t. marina* marine terrace
terremoto *nm* earthquake
terreno *nm* ground, land | terrain, terrane | piece of land | plot, site | earth, rock or formation, as in *t. carbonífero* 'carbonaceous rock' | *t. baldío* government land | *t. de encima* top soil | *t. franco* land which may be freely conceded by a government to mining enterprises | *t. terreno* all-terrain
térreo,-ea *adj* earthy | *de color t.* earth-colored
terrero,-ra *adj* earth
terrero *nm* heap or pile of dirt | waste rock | dump, tailings pile | alluvium
terrestre *adj* terrestrial, earthly
terrígeno,-na *adj* terrigenous

- terrojo** *nm* red earth
- terroso,-sa** *adj* earthy | brown, earth-colored | *nf* [Méx] vein of clay
- terruño** *nm* piece of land
- tertel** *nm* [Ch] hardpan
- tesis** *nf* thesis | theory, idea | *t. de grado* thesis written for a five-year degree | *t. doctoral* doctoral dissertation
- testa** *nf* [Méx] test
- testero** *nm* overhand stope, back stope | *t. abovedado* domed stope, pyramid stope | *t. de techo plano* flat-backed stope | *t. escalonado* rill stope
- testificación** *nf* log | *t. acústica* acoustic log
- testigo** *nm* core | sample, specimen | barren rock | [surv] reference point | *t. de erosión* outlier | *t. de perforación* drill core
- Tetis** *nm* Tethys
- tetradimita** *nf* tetradymite
- tetraedrita** *nf* tetrahedrite
- tetraedro** *nm* tetrahedron
- tetramorfo** *nm* tetramorph
- tetramórfico,-ca** *adj* tetramorphous
- tetramorfismo** *nm* tetramorphism
- tetratoedro** *nm* tetratohedron
- tezontle** *nm* [Méx] a scoracious basaltic rock used as a building stone
- textura** *nf* texture | *t. aplitica* aplitic texture | *t. fluida* fluid texture | *t. fluidal* flow structure | *t. granuda* granular texture | *t. microgranuda* microgranular texture | *t. microlítica* microlitic texture | *t. pegmatítica* pegmatitic texture | *t. porfídica* porphyritic texture | *t. vítea* glassy texture
- tezontle** *nm* [Méx] a scoracious basaltic rock used as a building stone
- thalana** *nf* [Bol] small sieve used in hand sorting of pulverized ores
- thanetiano,-na** *adj* Thanetian
- thanetiense** *adj* Thanetian
- thojeo** *nm* [Bol] act of estimation by a miner of the extent of pay ore prior to drilling and blasting
- thuringiense** *adj* Thuringian
- tiatales** *nmpl* [Tasco, Méx] local variety of limestone
- tibe** *nm* [Col] corundum | smooth, flat, elliptical and spherical stones found in alluvial placers once thought to be favorable indicators for gold placers
- tiempo** *nm* time | *t. absoluto* absolute time | *t. continental* continental time | *t. de intercepción* intercept time | *t. de propagación* travel time | *t. de retraso* delay time | *t. relativo* relative time
- tienta** *nf* earth auger
- tierra** *nf* earth, land, soil, ground | region, native country | any rock or mineral | fine-grained or finely crystalline ore | gangue or matrix | *hacer tierras* to work a placer | *t. adentro* inland. | *t. alcalina* alkaline earth | *t. aluvial* alluvium | *t. amarilla* yellow earth, yellow ochre | *t. apovillada* ore suitable for amalgamation in the patio process | *t. arcillosa* clayey ground. | *t. azul* blue earth, blue ground | *t. blanca* micaceous clay; calcareous tufa | *t. común* earthy ores somewhat amenable to amalgamation | *t. de aluviación* alluvium. | *t. de asentar* or *de afinar* [Tamaulipas, Méx] weathered marl | *t. de asiento* [BC, Méx] a fine, auriferous sand | *t. de batán* fuller's earth | *t. de caparossa* red ochre. | *t. de diatomeas* diatomaceous earth. | *t. de Fuller* fuller's earth. | *t. de flor* [El Caratal, Vz] hematitic, gold-bearing soil developed on gold veins | *t. de ladrillos* brick clay | *t. de porcelana* kaolin | *t. de tinta* red ochre | *t. diatomácea* diatomaceous earth | *t. endurecida* hardpan | *t. firme* continent | *t. franca* top soil | *t. grasa* pipe clay | *t. gredosa* clayey marl | *t. de labor* smalls resulting from hand sorting of ore | *t. ordinaria* [Guanajuato, Méx] an inferior grade of ore yielding about 80 ounces of silver to a ton | *t. parda* iron oxide rich soil | *t. pesada* barite | *t. de porcelana* china clay | *t. quemada* balls of residue from mercury reduction furnaces mixed with clayey smalls that are reduced again in a smaller furnace | *t. rara* rare earth | *t. refractaria* fire clay | *t. roja* iron rich clay often staining limestone | *t. verde* greenstone, chloritically altered rock | *t. de yunque* smalls resulting from sorting of ore | *tierras bajas* lowland | *tierras inundables* tidelands | *tierras malas* badlands | *tierras raras* rare earths
- tierras** *nfppl* [New Almaden, Calif] fine mercury ore
- tiffaniense** *adj* Tiffanian
- tigliense** *adj* Tiglian
- tilíta** *nf* tillite
- tilloide** *nm* tilloid
- tina** *nf* a washing vat used to separate amalgam from waste rock | [Cerro de Pasco, Pe] purification of silver amalgam
- tinaja** *nf* water pocket developed below a waterfall | natural reservoir | [N. Mex]

- temporary pool | spring too feeble to form a stream | [Guadalcazar, Méx] small bunch of cinnabar found at the intersections of veins
- tinajita** *nf* solution pan
- tinolita** *nf* thinolite
- tinolítico,-ca** *adj* thinitic
- tinto,-ta** *adj* red, dark red
- tioughniogense** *adj* Tioughniogan
- tipificación** *nf* classification
- tipo** *nm* type, class, kind | rate, as in *tipo de interés* 'rate of interest' | percentage
- tipomórfico,-ca** *adj* typomorphic
- tirada aparte** *nf* reprint
- tirar una labor** *vtr* to prospect and/or work a deposit
- tiro** *nm* shot (in blasting) | [surv] course | [Méx] shaft, winze or pit | depth | *t. ciego* winze | *t. de alcancía* raise | *t. de mina* shaft | *t. de recuete* adit, inclined shaft | *t. de velocidad* surface velocity profiling | *t. de zona alterada* weathering shot | *t. en abanico* fan shooting | *t. en pauta* pattern shooting | *t. inclinado* inclined shaft
- tirolita** *nf* tyrolite
- titanífero,-ra** *adj* titanium-bearing, titaniferous
- titanio** *nm* titanium
- titánico,-ca** *adj* titanic
- titanita** *nf* sphene
- titanocromita** *nf* titanochromite
- titoniano,-na** *adj* Tithonian
- titoniense** *adj* Tithonian
- titulación** *nf* assay | titration
- título** *nm* title | degree | diploma | *t. de propiedad* title to a mining claim
- tiza** *nf* chalk | finely divided gypsum | [Ch] mixture of ulexite with halite, sodium sulfate, lime and sand found in *salares* or dry lake beds
- tizar** *nm* [Cerro de Mercado, Méx] a large deposit of high purity silica
- tizate** *nm* [Méx] chalk
- toarciano,-na** *adj* Toarcian
- toarciense** *adj* Toarcian
- toba** *nf* tufa | tuff | chalk | *t. calcárea* tufa, calcsinter, travertine | *t. caliza* calcareous tuff, travertine | *t. de cenizas* volcanic tuff | *t. sílicea* siliceous sinter | *t. soldada* welded tuff
- tobáceo,-ea** *adj* tuffaceous
- tobar** *nm* tuff quarry
- tobel** *nm* dobel
- toboso,-sa** *adj* tuffaceous
- tocar la greda** *vtr* [Fr Guiana] to reach bedrock in a placer
- tocochimbo** *nm* [Pe] blast furnace
- todouno** *nm* unprocessed coal
- tofo** *nm* [Ch] fire clay | Durango, Méx] china clay
- tojear** *vtr* [Bol] to support the roof of a mine with large fragments of rock
- tojo** *nm* [Bol] large piece or fragment of rock used to support the roof of a mine
- tómbolo** *nm* sand bar
- tomín** *nm* one eighth of a *castellano de oro*, one third of an *adarme*
- tonawadense** *adj* Tonawadan
- tonel** *nm* barrel
- tonelada** *nf* ton, which at one time varied in weight from place to place | *t. bruta* long ton, gross ton | *t. corta* short ton, net ton | *t. de ensayador* assay ton | *t. métrica* metric ton | *t. larga* tong ton | *t. métrica* metric ton | *t. neta* short ton, net ton
- tonelaje** *nm* tonnage | *t. bruto* gross tonnage
- tonelámetro** *nm* metric ton
- tonga** *nf* layer | pile, heap | difference in level, or head, between two points | *entrar t.* to drain a mine or working by sluices, adits, canals etc. | *t. de la mina.* lowest practical point from which a mine may be drained by gravity
- tongada** *nf* layer
- tongriano,-na** *adj* Tongrian
- tongriense** *adj* Tongrian
- tonolowayense** *adj* Tonolowayan
- tonstein** *nm* claystone
- topacio** *nm* topaz | *t. del Brasil* reddish, rose or purplish yellow varieties of topaz | *t. ahumado* dark brown crystalline quartz | *t. de Hinojosa* or *de Salamanca* yellow crystalline quartz | *t. oriental* yellow corundum
- tope** *nm* rich pocket of ore | [Bol] end or bottom of a working, working face
- topo** *nm* league and a half | standard measure of ground ore, a fixed amount of which had to be delivered weekly by the *mortiri*
- topografía** *nf* topography | surveying | *t. carst* karst topography
- topográfico,-ca** *adj* topographic
- topógrafo** *nm* topographer | surveyor
- topología** *nf* topology
- topometría** *nf* topometry
- toque** *nm* touchstone
- torca** *nf* sinkhole | basin, depression | sand pipe, sand gall
- torcer** *vtr* to change direction | *t. el rumbo* to change in strike

- tordo,-da** *adj* grey
torio *nm* thorium
tornasol *nm* iridescence
tornasolado,-da *adj* iridescent
torno *nm* [Bol] hoist
toro *nm* [Bol] pillar (in a mine)
torpedeamiento *nm* artificial fracturing | *t. por vibración* vibrofrac
torre *nf* tower | *t. de extracción* or *de perforación* or *de sondeo* oil derrick, headframe | *torre-torre* [Pe] towers of hot spring deposits
torrejonense *adj* Torrejonian
torrente *nm* ravine, stream | freshet
torrera *nfpl* [Río Tinto, Sp] heaps of ore roasted in situ
torridoniense *adj* Torridonian
tortilla *nf* hardpan
tortoniano,-na *adj* Tortonian
tortoniense *adj* Tortonian
tortuosidad *nf* tortuosity
tosca *nf* hardpan | [Patagonia, Arg] white deposits of calcium carbonate occurring in loess | [Col] bed of volcanoclastic sediment in placers above *sepé* and pay dirt | [Catorce, Méx] altered dioritic and porphyritic dikes | [Méx] talc seams | [Guadalcázar, Méx] altered granite porphyry | [Guadalcázar, Méx] yellow ochre colored lithomarge at contact of granite porphyry with limestone | [PR] soft coral limestone used for masonry, road surfacing and as fertilizer
tosco,-ca *adj* coarse, rough
tostación *nf* roasting, calcination
tostador *nm* [Méx] roasting furnace | worker who operates a roasting furnace
tostadura *nf* roasting, calcination
tostar *vt* to roast ore
tournaísiano,-na *adj* Tournaisian
tournaísiense *adj* Tournaisian
trabajadero *nm* [Col] vein worked by open pit.
trabajar *vt* to work a mine or placer
trabajo *nm* working of a mine or placer | *nmp* workings | *t. a cielo abierto* open cutting, open pitting, quarrying | *t. (de) banca* underhand stoping | *t. de cabeza* overhand stoping | *t. de cielo* overhand stoping | *t. de reconocimiento*. exploratory workings | *t. de rajo con grandines directos* overhand stoping | *t. de rajo con grandines invertidos* underhand stoping | *t. del antiguo* [Col] working dating back to the time of the Spanish *conquistadores* | *t. del indio* [Col] working dating back to precolumbian times | *t. por testeras* overhand stoping | *t. sistema tolva* glory hole | *t. transversal* cross cut
trabanca *nf* [Ec] mine timber
tracción *nf* traction
traccionita *nf* tractionite
tragante *nm* sluice
trama *nf* structure, framework
tramo *nm* lot, tract, stretch, plot of land | *t. rico*. rich ore shoot
trampa *nf* trap, as for hydrocarbons or ore | mercury trap in a gold mill | sluice gate | *t. compuesta* combination trap | *t. diagenética* diagenetic trap | *t. estratigráfica* stratigraphic trap | *t. estructural* structural trap | *t. petrolífera* hydrocarbon trap
tranca *nf* [Bol] wooden stull (in a mine)
trancada *nf* trench | [Almería, Sp] inclined gallery with steps
tranquilidadita *nf* tranquillityite
transfluencia *nf* transfluence
transformación *nf* transformation | *t. anaclástica* deformation without shearing | *t. de Laplace* Laplace transformation
trans-formacional *adj* trans-formational
translación *nf* translation
transmisión *nf* transmission | *t. retardada* transmission lag
transparente *adj* transparent
transporte *nm* transport | *t. eólico* aeolian transport | *t. fluvial* fluvial transport | *t. glaciar* glacial transport
transversal *nm* cross cut
transformación *nf* transformation | *t. adiabática* adiabatic transformation
translúcido,-da *adj* translucent
transluciente *adj* transluscent
transmisividad *nf* transmissivity
transopaco,-ca *adj* transopaque
transparencia *nf* slide, transparency
transparente *adj* transparent | *nm* transparency
transporte *nm* transportation
transuránico,-ca *adj* transuranic
trapezoedro *nm* trapezohedron
trapiche *nm* [Ch] crude mill for crushing ore
trapichero *nm* [Ch] operator of a *trapiche* | [Potosí, Bol] operator of a *trapiche* who usually worked stolen ore
trapp *nm* trap, plateau basalt
traquiandesita *nf* trachyandesite
traquibasalto *nm* trachybasalt
traquidiscontinuidad *nf* trachydiscontinuity
traquidolerita *nf* trachydolerite

- traquiófítico,-ca** *adj* trachyophitic
traquita *nf* trachyte
traquíptico,-ca *adj* trachytic
traquitoide *nm* trachytoid
tras *nm* tuff | tufa
traslación *nf* translation | *t. continental* continental drift | *de t.* translational
traslapamiento *nm* overlap
traslúcido,-da *adj* transluscent
trasluciente *adj* transluscent
traslucir *vintr* to be transluscent
trasluz *nm* diffused light | reflected light
trasversal *adj* transverse
tratamiento *nm* treatment | reworking of a well to increase production, 'doctoring'
travecaja *nf* cross cut
travertino *nm* travertine
travesía *nf* traverse | [Col] cross cut
traviesa *nf* cross cut
traza *nf* trace | streak
trazado *nm* tracing | *t. de mapamiento* mapping | *t. de reflexiones* reflection picking
trazador *nm* [Méx] underground mine foreman
trecho *nm* passing of ore from one worker to another in baskets
tremadociano,-na *adj* Tremadocian
tremadociense *adj* Tremadocian
tremor *nm* tremor
trempealeauense *adj* Trempealeauan
trentoniense *adj* Trentonian
trepano *nm* drill bit | *t. de diamantes* diamond drill bit
triaquisoctaedro *nm* trioctahedron
triangulación *nf* triangulation
trías *nm* Trias, Triassic.
triásico,-ca *adj* Triassic | *nm* Triassic
Tribunal de Minería *nm* mining court established in Perú in 1736
tributario,-ria *adj* tributary
triclínico,-ca *adj* triclinic
tricroismo *nm* trichroism
tridimita *nf* trydimite
triflita *nf* triphylite
triedro,-ra *adj* trihedral
trigiro *nm* ternary axis of rotation
trilla *nf* [Méx] heap of ore
trimorfismo *nm* trimorphism
trinchar *vtr* [Col] to build a *trincho*, to dam
trinchera *nf* trench, ditch | [Méx] roughly stacked pile of rock or ore | *t. de préstamos* [PR] borrow pit
trincho *nm* [Col] arrangement of dams, trenches etc. used to divert the flow of a stream for purposes of working a placer
trinitense *adj* Trinitian
triple unión *nf* triple junction
tripolita *nf* diatomite
triquita *nf* microlite
trisoctaedro *nm* trioctahedron
tritio *nm* tritium
tritución *nf* grinding, crushing
tritrador,-dora *adj* crushing, grinding | *nf* crusher
triturar *vtr* to crush or grind ore
trivalente *adj* trivalent
trocar la batea *vtr* [Col] to pass *bateas* of gravel from one worker to another by hand
troje de metal *nf* [Huitzucó, Méx] mercury ore filling open space in gypsum
troncar *vtr* to truncate
tronco *nm* stock | *t. de montaña* penneplain | *t. fósil* coal pipe | *t. petrificado* woodrock
trozo *nm* [Chacas, Pe] lump of ore the size of an egg
truncación *nf* truncation
truncado,-da *adj* truncate, truncated
truncamiento *nm* truncation, as of strata
truncar *vtr* to truncate
trunco *nm* stock
tubería *nf* piping, tubing | drill string | *t. colectora* gathering line | *t. de producción* producing drill string
tubo *nm* tube | *t. de explosión* diatreme | *t. de perforación* drill pipe | *t. portatestigos* core barrel
tucanita *nf* scarbroite
tucurababi *nm* [Matapé, Méx] an altered granite
tucurubay *nm* gravel
tueste *nm* roasting of ore
tufaceo,-cea *adj* tufaceous
tufisita *nf* tuffisite
tufita *nf* tuffite
tuflava *nf* tuflava
tulio *nm* thulium
tumbado *nm* [Bol] vein or ore in the upper part of a working | false ceiling in a gallery or stope
tumbaga *nf* [Col] an alloy of equal parts of gold, silver and copper
tumbago *nm* [Col] impure gold
tumbamiento *nm* recumbance
tumbar *vtr* [Méx] to break ground, win or get ore | *t. la mina* [Col] to carelessly work a mine such that it caves

tumbe *nm* [Méx] breaking ground, winning or getting ore
tumor *nm* dome
túnel *nm* tunnel, gallery
tungomelano *nm* tungomelane
tungstato *nm* tungstate
tungsteno *nm* tungsten
tungstíco,-ca *adj* tungstic
tuoriense *adj* Tuorian
tupia *nf* [Col] dam
tupiar *vtr* [Col] to dam a stream or river
turba *nf* peat
turbación *nf* turbation
turbal *nm* peat bog
turbera *nf* peat bog | *t. emergida* upland moor | *t. sumergida* low-level bog
turbidez *nf* turbidity
turbiedad *nf* turbidity
turbio,-bia *adj* turbid

turboglifo *nm* scour cast | *t. intersepto* furrow flute cast
turbulento,-ta *adj* turbulent
turingiano,-na *adj* Thuringian
turingiense *adj* Thuringian
turingita *nf* thuringite
turmalina *nf* tourmaline | *t. azul.* indicolite | *t. roja.* rubellite
turmalinización *nf* tourmalinization
turmalita *nf* tourmalite
turno *nm* shift | tour of duty
tuoliense *adj* Tuolian
turoniano,-na *adj* Turonian
turoniense *adj* Turonian
turquesa *nf* turquoise
tyrrheniense *adj* Tyrrhenian
tysonita *nf* fluocerite
tzinapu *nm* [Méx] obsidian

U

ubicación *nf* location, position, site

ubicado,-da *adj* located

ubicar *vtr* to locate, spot (as for a well) or plot (on a map) | *vintr* to be located, situated or placed

ubicarse *vpr* to be located, situated or placed

uchero *nm* llama dung carrier (llama dung was used in the *patio* process of amalgamation of silver ores)

ufertita *nf* davidite

uintense *adj* Uintan

ulatsiense *adj* Ulatsian

ulsteriense *adj* Ulsterian

ultramar *nm* lapis lazuli, lazurite

ultramilonita *nf* ultramylonite

ultrarrojo,-ja *adj* infrared

ultravioletado,-da *adj* ultraviolet | *nm* ultraviolet

ultravioleta *nf* ultraviolet

ultravulcaniense *adj* Ultravulcanian

ulvita *nf* ulvöspinel

ulla *nf* archaic or incorrect spelling of *hulla* 'coal'.

ullera *nf* archaic or incorrect spelling of *hullera* 'coal-mine, colliery'.

ullita *nf* archaic or incorrect spelling for *hullita* 'anthracite'.

umbral *nm* swell | threshold | *u. de circo* | *u. continental* swell | *u. topográfico* topographic doorstep

undación *nf* megafold

undulación *nf* undulation, wave

uniáxico,-ca *adj* uniaxial

uniclinal *adj* monoclinal

unidad *nf* unit | *u. absoluta* absolute unit | *u. bioestratigráfica* biostratigraphic unit | *u. central de procesamiento* central processing unit | *u. cronoestratigráfica* cronostratigraphic unit | *u. de*

cinta magnética tape drive | *u. de disco* disk drive | *u. de espaciamento* spacing unit, well spacing | *u. de muestreo* sampling unit | *u. eotvos* eotvos unit | *u. estratigráfica* stratigraphic unit | *u. gravimétrica* gravity unit | *u. litoestratigráfica* lithostratigraphic unit | *u. tectónica* tectonic unit | *u. térmica inglesa* British thermal unit (BTU)

unificación *nf* unitization (of an oil field)

uniformidad *nf* uniformity

unirse *vpr* to coalesce

uñaeta *nf* stone cutter's chisel

uralitización *nf* uralitization

uránico,-ca *adj* uranic

uranífero,-ra *adj* uraniferous

uranio *nm* uranium

urano *nm* uranium oxide

uranocre *nm* uranocher

uranofano *nm* uranophane

uranolito *nm* meteoric stone

uranopicco *nm* uraninite, pitchblende

uranosfaerita *nf* uranosphaerite

uranotantalita *nf* samarskite

uranothallita *nf* liebigite

uranotilo *nm* uranotile

urao *nm* gaylussite (a form of trona)

urgue *nm* [Col] clay selvage on a vein

uriconiense *adj* Uriconian

usamerita *nf* greywacke

utahita *nf* jarosite | natrojarosite

utahlita *nf* variscite

útiles *nmpl* tools, equipment | *u. de extracción* fishing tools | *u. de laboratorio* laboratory equipment | *u. de sondeo* drilling tools

uvala *nf* karst valley, uvala

uwarowita *nf* uvarovite (variety of garnet)

uzbekita *nf* volborthite

V

- vacía** *nf* wacke | *v. gris* greywacke
vacuada *nf* melt | dumping
vacadero *nm* dump, tailings pile, spoils bank
vaciado *nf* emptying | pouring, casting | [Méx] excavation
vacidor *nm* worker who dumps waste or slag-pots | *v. de carros* car dumper
vacigris *nm* greywacke
vaciamar *nf* ebb tide
vaciante *nf* ebb tide
vaciar *vt* to empty out | to drain | to hollow out | to sluice off | to discharge water, etc. | to dump | to bail out a well | [Méx] to excavate | *vpr* to flow out
vacío,-ía *adj* empty | *nm* vacuum, void | vacancy
vacisco *nm* [Almadén, Sp] fines of mercury ore and gangue produced by crushing preparatory to concentration and smelting
vacuo *nm* vacuum
vagón *nm* ore car | *v. carboner* coal car | *v. cisterna* a railcar load of 10 mt petroleum | *v. de báscula, de pico, volcador, or de volquete* dumping or tipper car | *v. de mineral* ore car
vagonada *nf* carload
vaguada *nf* lowest part of a valley | watershed, divide | talweg | channel, watercourse
vaho *nm* steam | vapor | fumes
vainiforme *adj* pod-like
valangiano,-na *adj* Valangian
valangiense *adj* Valangian
válencia *nf* valency, valence
valendisiense *adj* Valensian
valentino,-na *adj* Llandoverian
valentiense *adj* Llandoverian
valioso,-sa *adj* precious
valmeyerense *adj* Valmeyeran
valor *nm* value, worth | *v. BTU* calorific value, BTU value | *v. contable* book value | *v. de la inclinación* degree of inclination | *v. de la rotación* amount of rotation | *v. extremo* extreme value | *v. límite* limit value
valla *nf* terreplain | embankment
valle *nm* valley | aclinal | *v. antecedente* antecedent valley | *v. anticlinal* anticlinal valley | *v. colgado* hanging valley | *v. colgante* hanging valley | *v. de aluviones* bottom land | *v. de drenaje* water gap | *v. de erosión* erosional valley | *v. de fondo* valley with well developed floodplain | *v. de fractura* tectonic valley | *v. de hundimiento* rift valley | *v. en artesa* trough-shaped valley | *v. en u* U-shaped valley | *v. en V* V-shaped valley | *v. epigenético* superimposed or antecedent valley | *v. glaciar* glacial valley | *v. longitudinal* longitudinal valley | *v. maduro* mature valley | *v. seco* strath | *v. sinclinal* synclinal valley | *v. subsecuente* subsequent valley | *v. sumergido* submerged valley, firth | *v. tectónico* structural valley | *v. transversal* transverse valley
vanadato *nm* vanadinite | vanadate
vanadífero,-ra *adj* vanadiferous
vanadio *nm* vanadium
vanado-magnetita *nf* coulsonite
vapor *nm* vapor | *v. vivo* steam
vaporar *vt* to evaporate
vaporización *nf* evaporation
vara *nf* the old Spanish yard or rod, which varies from 0.8 to 1.1 meters (see section on weights and measures) | stick, rod | *v. circular* circular rod | *v. de agrimensor* measuring rod | *v. de medir* measuring rod | *v. de topografía* surveyor's rod | *v. mágica* divining rod | *v. portabrujula* Jacob's staff
varada *nf* three months of work in a mine
vareo *nm* measuring in varas
vareta *nf* rod | *v. divinatória* divining rod | *v. mágica* divining rod
variable *nf* variable | *v. aleatoria* random variable | *v. continua* continuous variable | *v. de control* control variable | *v. de ligazón* conditional variable | *v. discreta* discrete variable | *v. endógena* endogenous variable | *v. exógena* exogenous variable | *v. independiente* independent variable | *v. indicatriz* indicator variable | *v. latente* latent variable | *v. normal* normally-distributed variable | *variables no correlacionadas* uncorrelated variable.
variación *nf* variation | *v. de la aguja* compass variation | *v. de tenor* variation in grade | *v. secular* secular variation
variancia *nf* variance | *v. condicional* conditional variance | *v. ligada* conditional variance
varilla *nf* rod | *v. divinatória* divining rod | *v. mágica* divining rod
variolítico,-ca *adj* variolitic
variómetro *nm* variometer
varisco,-ca *adj* Variscan
varisco,-ca *adj* Variscan
varva *nf* varve | *v. de arcilla* glacial varve | *v. glaciar* glacial varve

- vaso** *nm* used in the general sense of 'vessel' to refer to all sorts of smelting and cupellating vessels and furnaces | [Tepecalá, Méx] local variety of a copper refining furnace
- vauclusiense** *adj* Vauclusian
- vecino,-na** *adj* contiguous
- vega** *nf* open plain | oxbow lake | [Col] a small valley | *nfppl* floodplain
- veinteno** *nm* twentieth, a tax of one twentieth formerly levied on gold production in Spanish America
- velaje glaciár** *nm* breaking off of icebergs from glaciers
- velardenita** *nf* gehlenite
- velocidad** *nf* velocity | *v. de filtración* filtration rate | *v. de una roca* [seis] rock speed, speed of propagation of mechanical waves in rock
- vena** *nf* vein | bed | seam | streak or stripe of a certain color in a stone | underground channel for water | *v. interfoliada* interfoliated vein
- venaje** *nf* quantity of water in a river
- venera** *nf* spring
- venerillo** *nm* [Tipuani, Bol] pay gravel in a placer
- venero** *nm* spring | source | mineralized vein | mineral deposit | bed or seam | [Arg] hidden or blind mineral deposit | [Bol] placer tin deposit | [Bol, Pe] pay gravel in a placer
- venida** *nf* overflow of a river
- venido** *nm* [Méx] talus, debris
- venilla** *nf* veinlet or stringer | small vein
- venita** *nf* stringer, veinlet | venite (variety of migmatite) | *v. de cuarzo* quartz stringer
- venoso,-sa** *adj* veined
- ventaja estructural** *nf* [pet] structural advantage
- ventana** *nf* fenster, window | inlier | *v. tectónica* structural window
- ventanilla** *nf* [Pe] natural opening in rock
- ventisquero** *nm* glacier
- venturiense** *adj* Venturian
- venturina** *nf* aventurine quartz
- verada** *nf* foot path, trail
- veraneador** *nm* [Col] person who works placers only during dry season
- veraneo** *nm* [Col] working of placers during dry season
- verano** *nm* dry season (summer)
- verde** *adj* green | *nm* green | verdigris | *v. esmeralda* emerald green
- verdemar** *adj* sea green | *nm* sea green
- verdeoscuro,-ra** *adj* dark green
- verdete** *nm* verdigris
- verdinegro,-gra** *adj* dark green
- verdiones** *nmppl* [Ch] green staining indicative of copper mineralization
- verdoso,-sa** *adj* greenish
- vergencia** *nf* vergence
- vermiculado,-da** *adj* vermiculated
- vernadskita** *nf* antlerite
- verosimilitud** *nf* likelihood
- versiliense** *adj* Versilian
- vertedera** *nf* [Somorrostro, Sp] inclined shoot
- vértice** *nf* apex | [surv] corner | *v. de cierre* closing corner | *v. de referencia* witness corner | *v. testigo* witness corner
- vertiente** *nf* slope | aspect | drainage area, watershed, divide | waterfall | spring | [Sp] brook | *v. de agua salada* brine spring
- vesícula** *nf* vesicle | gall | *v. arcillosa* clay gall
- vestigio** *nm* in assaying or chemical analysis, a trace | vestige
- vesubiana** *nf* vesuvianite | leucitite | mixture of calcite and hydromagnesite
- vesubianita** *nf* vesuvianite
- vesuliano,-na** *adj* Vesulian
- vesuliense** *adj* Vesulian
- veta** *nf* vein or lode, generally of lesser importance than a *filón* | mineralized bed or seam | streak or stripe in a rock | rib of ore in a vein, leader, or pay-streak | *v. al sol* vein with ore exposed at the surface | *v. atravesada* cross vein | *v. bandeada* ribbon or banded vein | *v. boba* [Ch] large, unmineralized vein | *v. caldeadaal respaldo* vein 'frozen' or 'welded' to wall rock | *v. cateada* vein explored by *catas* or shallow pits or shafts | *v. clavada* [Col] vertical vein | *v. clavera* spotty vein | *v. corrida* continuous vein | *v. cortada* cross-cutting vein | *v. crucera* cross vein | *v. de cajón* inclined vein | *v. de carbón* coal seam | *v. de contacto* contact lode | *v. de cuarzo* cross vein | *v. de fisura* fissure vein | *v. de manto* bedded or horizontal vein | *v. de mineral* ore vein | *v. de relleno de falla* fault vein | *v. de resbalón* vertical vein | *v. de sombra* inclined vein (20° to 60°) | *v. de segregación* exudation or segregated vein | *v. de sombra* [Col] horizontal vein, manto | *v. de tope* bunched or beaded vein | *v. débil* weak vein | *v. desigual en mineral* spotty vein | *v. dislocadora* dislocating vein | *v. echada* inclined vein | *v. en cola de caballo* horse tail vein | *v. en conformidad* bedding-plane vein | *v. en cuña* gash vein | *v. en radiación* vein radiating from a common center with other veins | *v. en rosario* linked or

- amygdaloid vein | *v. escalonada* ladder vein | *v. eslabonada* linked vein | *v. esteril* barren vein | *v. -filón* fissure vein | *v. forastera* [Ch] newly discovered vein | *v. formal* strong vein | *v. interfoliada* interfoliated vein | *v. jornalera* vein whose yield just covers expenses leaving no profit | *v. madre* main or mother lode | *v. manteada* horizontal vein | *v. muy tendida* flat vein, bedded vein | *v. rechazada* dislocated vein | *v. robada* [Col] vein which on working shows signs of having been worked before | *v. seca* barren vein | *v. secundaria* secondary vein | *v. sin crestones* hidden or blind vein | *v. socia* companion vein | *v. tabular* tabular vein | *v. transversal* cross vein
- vetarrón** *nm* a large vein or lode
- veteado,-da** *adj* veined
- vetica** *nf* veinlet
- veticilla** *nf* veinlet
- vetilla** *nf* veinlet, leader | [Méx] slickensides
- vetita** *nf* fiber | stringer | *v. de cuarzo* quartz stringer | *v. de mineral* streak
- vía** *nf* gallery
- vibertita** *nf* bassanite
- vibrosísmica** *nf* Vibroseis
- vicio** *nm* defect, flaw
- vicksburgiense** *adj* Vicksburgian
- vida** *nf* life | *v. media* half-life
- vidrio** *nm* glass | *v. volcánico* volcanic glass
- vidrioso,-sa** *adj* glassy, vitrious
- vilemita** *nf* willemite
- villafranquiano,-na** *adj* Villafranchian
- villafranquense** *nm* Villafranchian
- vincularse a** *vpr* to be related to | to be bound or tied to
- vindoboniano,-na** *adj* Vindobonian
- vindoboniense** *adj* Vindobonian
- violana** *nf* violan
- virgen** *adj* native as well as virgin, e.g. *plata virgen* 'native silver' | pure
- virgencia** *nf* virgences
- virgiliense** *adj* Virgilian
- virgloriano,-na** *adj* Anisian
- virgloriense** *adj* Anisian
- virguliano,-na** *adj* Virgulian
- virguliense** *adj* Virgulian
- viridina** *nf* viridine, manganandalusite
- virutas** *nfpl* cuttings | *v. de taladro* drill cuttings
- viscometría** *nf* viscometry
- viscométero** *nm* viscometer
- viscosidad** *nf* viscosity | *v. cinemática* kinematic viscosity | *v. extrapolada* extrapolated viscosity
- viscoso,-sa** *adj* viscous
- viseano,-na** *adj* Visean
- visiense** *adj* Visean
- visita de minas** *nf* [Potosí, Bol] annual inspection by royal Spanish authorities of all mines and mills
- vista** *nf* sight, view | *v. en corte* cross section | *a la vista* in sight
- vítreo,-ea** *adj* glassy, vitreous | *nf* hyaline
- vítrico,-ca** *adj* vitric
- vitricación** *nf* vitrification
- vitricar** *vtr* to vitrify
- vitrinoide** *nm* vitrinoid
- vitrífrico,-ca** *adj* vitriphyric
- vitriofido** *nm* vitrophyre
- vitriolo** *nm* vitriol | *v. azul* copper sulfate | *v. blanco* zinc sulfate | *v. de cobre* chalcantite | *v. de marto* copperas | *v. verde* copperas
- vitrita** *nf* vitrian | vitrite
- vitroclarita** *nf* vitroclarian
- vitrofídico,-ca** *adj* vitrophyric
- vitrofiro** *nm* vitrophyre
- volastonita** *nf* wollastonite
- volátil** *adj* volatile
- volatilización** *nf* volatilization
- volcado,-da** *adj* inverted, overturned
- volcadura** *nf* tilting
- volcamiento** *nm* overturning
- volcán** *nm* volcano | landslide | [Col] flood | *v. activo* active volcano | *v. apagado* or *extinto* extinct volcano | *v. de barro* mud volcano | *v. de cono compuesto* composite cone | *v. de cono de cenizas* cinder cone | *v. de escudo* shield volcano | *v. de lodo* mud volcano | *v. en escudo* shield volcano | *v. estratificado* stratovolcano | *v. estromboliano* strombolian volcano | *v. fango* mud volcano | *v. hawaiano* Hawaiian or shield volcano | *v. peleano* Peleean volcano | *v. submarino* submarine volcano
- volcanicidad** *nf* volcanism
- volcánico,-ca** *adj* volcanic
- volcanismo** *nm* volcanism
- volcanista** *nm* volcanist
- volcanita** *nf* volcanite
- volcanogénico,-ca** *adj* volcanogenic
- volcar** *vtr* to invert, overturn | to dump
- volframífero,-ra** *adj* tungsten-bearing, tungstiferous
- volframio** *nm* wolframite
- volframita** *nf* wolframite
- voltear** *vtr* to dump | to overturn

volumen *nm* volume | *v. de los poros* pore
 volume | *v. de roca* rock volume | *v. poroso* pore
 volume
volumétrico,-ca *adj* volumetric
volumetro *nm* volumeter
vómito *nm* [Col] outcrop
vorágine *nf* whirlpool
vórtice *nm* whirlpool
vraconiense *adj* Vraconian
vuelco *nm* tilting, overturning | dumping | *v. de
 estratos* tilting of beds

vuelta *nf* whorl | oxbow (of a river) |
 [Almadén, Sp] one complete operation in the
 Bustamente or *aludel* furnace | *dar v. la plata*
 [Méx] to refine silver
vulcanismo *nm* volcanism
vulcanología *nf* volcanology
vulcanologista *nm* volcanologist
vulcanólogo,-ga *nm* and *nf* volcanologist
vulfenita *nf* wulfenite

W

- Waaaliense** *nm* Waalian
waca *nf* wacke
wacka *nf* wacke
wackenrodita *nf* wachenrodite
waldheimita *nf* actinolite
walkerita *nf* pectolite
walmstedtita *nf* breunerite
walpurgina *nf* walpurgite, waltherite
walpurgita *nf* walpurgite, waltherite
waltherita *nf* walpurgite, waltherite
Waltonense *nm* Waltonian
waluwewita *nf* xanthophyllite
wallerian *nm* hornblende
wallerita *nf* greenstone
wallongita *nf* wallongongite
warrenita *nf* owyheeite or jamesonite |
 Pennsylvania oil (paraffin rich hydrocarbons)
warringtonita *nf* brochantite
warthita *nf* blödite
warwicitita *nf* warwickite
Wasatchiense *nm* Wasatchian
washingtonita *nf* ilmenite
Washitense *nm* Washitan
wasita *nf* impure allanite
Waucobense *nm* Waucoban
waudi *nm* wadi
way *nm* oreway, chimney feeding an ore pass
Wealdense *nm/adj* Wealden
webnerita *nf* andorite
webskyita *nf* fibrous serpentine
weibyeita *nf* bastnesite
weinschenkita *nf* churchite
weissian *nm* scolecite
weissigita *nf* lithium allanite
Wemmelse *nm* Wemmelian
wenlockiense *nm/adj* Wenlock
wentzelita *nf* hureaulite
werfeniano,-na *adj* Werfenian | *nm* Werfenian
werfeniense *nm/adj* Werfenian
werhemannita *nf* aluminite
wernerismo *nm* Neptunism
werneritización *nf* dipyritization
weslienita *nf* römerite
westanita *nf* altered andalusite
westfaliano,-na *adj* Westphalian
westfaliense *nm/adj* Westphalian
westgrenita *nf* bismutomicrolite
Weybourniense *nm* Weybournian
wharionita *nf* nickeliferous pyrite
wheeleriense *nm/adj* Wheelerian
Whitbense *nm* Whitbian
whitcliffiense *nm/adj* Whitcliffian
whitherita *nf* witherite
whitneyense *nm/adj* Whitneyan
wiborgita *nf* viborgite (*obs*, rapakivi granite)
wichtina *nf* wichtisite (*obs*, vitrophyritic diabase)
wilcoxiense *nm/adj* Sabinian
wilhemita *nf* willemite
wilnita *nf* idocrase
wiltshireita *nf* rathite
williamsita *nf* antigorite
winche *nm* winch
winchellita *nf* lintonite
wisconsinense *nm/adj* Wisconsinan
wiserina *nf* anatase | xenotime
wismutaurita *nf* native gold containing up to 3
 percent bismuth
wittichita *nf* wittichenite, klaprothite
wittingita *nf* altered rhodonite
wocheinita *nf* bauxite
wolchita *nf* bournonite
wolfachita *nf* mixture of gersdorffite and
 ullmanite
wolfcampiense *nm/adj* Wolfcampian
wolfram *nm* tungsten | wolframite | *w. blanco*
 calcium tungstate
wolframífero,-ra *nf* tungsten-bearing,
 tungstiferous
wolframio *nm* wolfram
wolfsbergita *nf* chalcostibite
wolftonita *nf* hetairite
wolnina *nf* barite
wolnym *nm* barite
wollongita *nf* wollongongite (a carbonaceous
 shale)
woodbiniense *nm/adj* Woodbinian
woodfordita *nf* ettringite
worobieffita *nf* cesium and lithium beryl
wurtzilita *nf* asphaltic pyrobitumin

X

- xairo,-ra** *adj* [Col] skew, oblique
xalostocita *nf* landerite (*var* grossularite)
xanotoxeno *nm* xanthoxenite
xantato *nm* xanthate
xanthokón *nm* a variety of diamond
xantiosita *nf* xanthiosite
xantita *nf* xanthite (*var* vesuvianite)
xantoarsenita *nf* sarkinite
xantoconita *nf* xanthoconite
xantocroíta *nf* greenockite
xantofilita *nf* clintonite
xantopirita *nf* pyrite
xantorita *nf* xanthorhite (altered allanite)
xantosiderita *nf* goethite
xantoxenita *nf* xanthoxenite
xantotitano *nm* xanthitane (alteration product of sphene)
xenoblástico,-ca *adj* xenoblastic
xenoblasto *nm* xenoblast
xenobloque *nm* xenolith | erratic block
xenocristal *nm* xenocryst
xenocristo *nm* xenocryst
xenofiro *nm* xenophyre (*obs*, dike)
xenogenito,-ta *adj* epigenetic
xenogenuoso,-sa *adj* epigenetic
xenoíquico,-ca *adj* xenoiikic (*obs*, poikilitic)
xenolita *nf* xenolite | xenolith
xenolítico,-ca *adj* xenolithic
xenolito *nm* xenolith
xenomórfico,-ca *adj* xenomorphic
xenomórfico-granular *adj* xenomorphic
xenomorfismo *nm* xenomorphism
xenomorfo *nm* xenomorph
xenón *nm* xenon | *x.-x.* xenon-xenon
xenoporfirítico,-ca *adj* xenoporphyritic
xenothermal *adj* xenothermal
xenótima *nf* xenotime
xenótina *nf* xenotime
xenotípala *nf* cenotypal
xenotoba *nf* xenotuff
xenotópico,-ca *adj* xenotopic
xérico,-ca *adj* xeric
xerotérmico,-ca *adj* xerothermic | *nm* xerothermic
xihuitl *nm* [Méx.] turquoise
xilantita *nf* fossil wood
xiloide *nm* xyloide
xilito,-ta *adj* xyloid | *nm* xyloide
xilópalo *nm* wood opal, opalized wood
xilotilo *nm* xylotile
xylantita *nf* xylanthite
xylenita *nf* xylenite, xylinite
xylinita *nf* xylenite, xylinite
xyloide *nm* xylinoide
xylita *nf* xylith, xylite | Fe-palygorskite
xylito *nm* xylith, xylite
xylochloro *nm* green apophyllite
xylocryptita *nf* xylokryptite (*var* schererite)
xyloide *adj* xyloid
xylolitha *nf* petrified wood
xylopal *nm* wood opal
xylotilo *nm* xylotile (probably an altered chrysotile asbestos) | fibrous serpentine
xylovitrián *nm* euvitrián
xylovitriano *nm* euvitrián

Y

yacente *adj* lying, deposited | *nm* footwall
yacer *vintr* to be lying down, deposited | to be located | *y. con* to lie or be deposited with | *y. con discordancia* to lie discordantly
yaciente *adj* lying, deposited | *nm* footwall
yacimiento *nm* bed, deposit | ore deposits | *y. agotado* exhausted deposit, worked out deposit | *y. anticlinal* deposit occurring within an anticline | *y. con capa gasífera* oil field with a gas cap | *y. de carbón* coal deposit | *y. de condensado* condensate deposit | *y. de contacto* contact metamorphic deposit | *y. de hierro de los pantanos* bog iron ore deposit | *y. de impregnación* impregnation or disseminated deposit | *y. de magma líquido* liquid magmatic deposit | *y. de segregación* segregation deposit | *y. de sustitución* replacement deposit | *y. en aluviones* placer deposit | *y. en masa* massive deposit | *y. epigenético* epigenetic deposit | *y. epitermal* epithermal deposit | *y. escondido* blind or buried deposit | *y. estratificado* stratified deposit | *y. estratiforme* stratiform deposit | *y. filoniano* vein deposit | *y. hipogénico* hypogene deposit | *y. hipotermal* hypothermal deposit | *y. hullero* coal field | *y. lenticular alargado* shoe string sand deposit | *y. magmático* magmatic deposit | *y. mesotermal* mesothermal deposit | *y. metalífero* metalliferous mineral deposit | *y. metasomático* metasomatic deposit | *y. mineral* mineral deposit | *y. no metálico* non-metallic mineral deposit | *y. pegmatítico* pegmatitic deposit | *y. petrolífero* oil field | *y. plutónico* plutonic deposits | *y. pneumatolítico* pneumatolytic deposit | *y. primario* primary or hypogene deposit | *y. salino* saline or evaporite deposits | *y. secundario* secondary or supergene deposit | *y. singenético* syngenetic deposit | *y. submarino de hidrocarburos* offshore hydrocarbon deposit | *y. superficial* surface or surficial deposit | *y. supergénico* supergene deposit | *y. subvolcánico* subvolcanic deposit | *y. tabular* tabular deposit | *y. virgen* unexploited deposit
yafsoanita *nf* yafsoanite
yagiíta *nf* yagiite
yakatagita *nf* yakatagite
yakutense *adj* Yakutsk | *nm* Yakutsk
Yakutskense *nm* Yakutsk

yalakomita *nf* [BC, Méx] yalakomite (a serpentized ultrabasic rock used as a decorative stone)
yamagutilita *nf* oyamalite (*var* zircon)
yamasquita *nf* yamaskite (*obs*, amphibole jacupirangite)
yamotoita *nf* yamotoite
yanacona *nm* a miner who works a mine leased from an absentee owner
yanolita *nf* axinite
yapa *nf* mercury added to silver ore to facilitate extraction
yapar *vt* to add mercury to silver ore
yarda *nf* yard of three feet | *y. cuadrada* square yard | *y. cúbica* cubic yard | *y. graduada de medir* yardstick
yardaje *nm* yardage
yareta *nf* [Bol, Pe, Ch] a resinous moss found in the Altiplano and used as a fuel
Yarmouth *nm* Yarmouthian, Yarmouth
yaroslavita *nf* yaroslavite
yarrowita *nf* yarrowite
yasa *nf* dry stream
yatalita *nf* yatalite (*obs*, *var* pegmatite)
yauca *nf* [Pe] a smooth, black clay with greasy lustre found in veins
yavapaiíta *nf* yavapaiite
yeatmanita *nf* yeatmanite
yébel *nm* mountain, djebel, jebel
yedlinita *nf* yedlinite
yelero *nm* [Ve] a windy place on a snow-capped mountain
yenerita *nf* yenerite
yenita *nf* ilvaite
yentnita *nf* yentnite *obs*
Yeovilense *nm* Yeovilian
yerba *nf* a flaw in an emerald
yerma,-ma *adj* uninhabited | *nm* desert
yesal *nm* gypsum mine | gypsum deposit
yesar *nm* gypsum mine | gypsum deposit
yesera *nf* gypsum pit | gypsum kiln
yesería *nf* gypsum kiln
yesero,-ra *adj* plaster | *nm* preparer and vendor of gypsum
yesífero,-ra *adj* containing gypsum, gypsiferous
yeso *nm* gypsum | chalk | plaster | *y. anhidro* anhydrous plaster | *y. arenoso* gypsum sand | *y. bandeado* banded gypsum | *y. blanco* whitening, finishing plaster | *y. de enlucir* gypsum plaster | *y. de estucar* gypsum plaster | *y. de París* plaster of Paris | *y. de vaciar* casting plaster | *y. duro* cement plaster | *y. en cola de golondrina*

- selenite | *y. espático* selenite | *y. especular* selenite | *y. fétido* bituminous gypsum | *y. fibroso* fibrous gypsum | *y. mate* plaster of Paris | *y. negro* patent plaster | *y. selenita* selenite
- yesón** *nm* gypsum cap | chunk of plaster
- yesoso,-sa** *adj* gypseous, rich in gypsum | chalky
- yesosos** *nmpl* [Aguascalientes, Méx] copper ores having a calcite or flourite matrix
- yftisita** *nf* yftisite
- yimengita** *nf* yimengite
- yixunita** *nf* yixunitite
- yneziense** *adj/nm* Ynezian
- yodado,-da** *adj* iodized | containing iodine
- yodar** *vtr* to iodize
- yodárgira** *nf* iodargyrite
- yodargirita** *nf* iodargyrite
- yodato** *nm* iodate
- yoderita** *nf* yoderite
- yodíco,-ca** *adj* iodine
- yodirita** *nf* iodargyrite
- yodo** *nm* iodine | *y.-amonio* ammonium iodate
- yodobromita** *nf* iodine bromargyrite
- yodoembolita** *nf* iodargyrite
- yodostonolita** *nf* manganese pyrochlore
- yoduración** *nf* iodization
- yodurado,-da** *adj* iodized
- yodurar** *vtr* to iodize
- yoduro** *nm* iodide | *y. de hidrógeno* hydroiodic acid | *y. de plata* iodargyrite, iodyrite | *y. mercuriosos* mercurious iodine
- yofortierita** *nf* yofortierite
- yohídrico,-ca** *adj* hydroiodic
- yohnstonolita** *nf* manganese pyrope
- yohnstrupita** *nf* mosandrite
- Yorkiense** *nm* Yorkian
- yosemitgranítico,-ca** *adj* granitic
- yoshimuraita** *nf* yoshimuraitite
- ypresiano,-na** *adj* Ypresian
- Ypresense** *nm* Ypresian | *adj* Ypresian
- yterbio** *nm* ytterbium
- ytrio** *nm* yttrium
- ytriogranate** *nm* yttrian garnet
- ytroilmenita** *nf* samarskite
- ytterbita** *nf* gadolinite-(Y)
- ytterita** *nf* tengerite
- yttrialita** *nf* thorium thalenite
- yttrita** *nf* gadolinite-(Y)
- yttriumapatito** *nm* yttrium apatite
- ytrobetafita** *nf* ytrobetafite
- ytrocalcita** *nf* yttrian fluorite
- ytrocerita** *nf* cerian fluorite
- ytrocolombita** *nf* samarskite
- ytrofluorita** *nf* yttrian fluorite
- ytrogummita** *nf* altered uraninite
- ytrohatchettolita** *nf* uranpyrochlore
- yttroniobita** *nf* samarskite
- ytro-ortita** *nf* allanite-(Y)
- yttopirocloro** *nm* yttopyrochlore
- ytrotitanita** *nf* yttrium titanite
- yu** *nm* yú (*var* jade)
- yuconita** *nf* yukonite
- yugawaralita** *nf* yungawaralite
- yuksporita** *nf* pectolite.
- yungas** *nf* [Ch, Pe, Bo] humid valleys on the east side of the Andes
- yusano,-na** *adj* in a lower place (i.e. the footwall)
- yusente** *adj* that rises or falls with the ebb tide | *n.f.* ebb
- yusero,-ra** *adj* in a lower place (i.e. the footwall)
- yuso** *adv* below (i.e. in the footwall)
- yuxtaponer** *vtr* to juxtapose
- yuxtaposición** *nf* juxtaposition
- yuxtapuesto,-ta** *adj* juxtaposed
- yuxtalineal** *adj* juxtalineal
- yuxtaposición** *nf* juxtaposition

Z

zabaleta *nf* [Linares, Sp] ash-pit of a furnace
zaborra *nf* paving stone | gravel, grit | screenings | fragments
zaborro *nm* [Sp] chunk of plaster
zaca *nf* a large leather bag, like an oversize wine-skin (*zaque*) used to bail water out of a mine
zafareche *nm* lake | reservoir
zafir *nm* archaic spelling of *zafiro*
zafireo,-ea *adj* sapphire-colored
zafirino,-na *adj* sapphirine, sapphire-colored | *nf* blue chalcedony or agate
zafirita *nf* a variety of blue chalcedony
zafiro *nm* sapphire | ultramarine, lapis lazuli | *z. amarillo* yellow topaz, oriental topaz | *z. asteria* star sapphire | *z. azul* blue hyaline corundum | *z. azul hembra* light blue hyaline corundum | *z. azul macho* dark blue hyaline corundum | *z. blanco* colorless sapphire, white sapphire | *z. calcedonioso* milky blue sapphire | *z. de agua* gem cordierite | *z. del Brasil* blue tourmaline, indicolite | *z. Du Puy* Du Puy sapphire (from Expailly, near Du Puy, France) | *z. estrellado* sapphire with asterism | *z. falso* pink tourmaline | *z. girasol* girasol sapphire | *z. ojo de gato* cat's-eye sapphire | *z. oriental* light blue sapphire, oriental sapphire | *z. rojo* oriental ruby, red corundum | *z. verdadero* saffire | *z. verde* oriental emerald, green hyaline corundum | *z. violeta* oriental amethyst, violet hyaline corundum
zafra *nf* gangue, waste rock
zafre *nm* zaffer or zaffre, an oxide of cobalt
zafretero *nm* common laborer in a mine (usually applied to muckers)
zagalone *nm* [Cartagena and Almagrera, Sp] youth employed as an orebearer
zahén *adj* of fine gold, generally in the case of coinage
zahena *nf* doubloon, an old Spanish coin
zahondar *vtr* to sink | *vintr* to deepen
zahorra *nf* ballast stone
zairita *nf* zairite
zakharovita *nf* zakharovite
zala *nf* borax
zamarra *nf* slab | bloom of a Catalonian forge
zamboninita *nf* mixture of fluorite and sellaite | nontronite

zambullidor *nm* [Col] workman who dives underwater to recover auriferous gravels
zambullir *vtr* [Col] to extract auriferous gravels from a streambed by diving, with the assistance of ladders, poles etc., the gravels usually being collected in *bateas* for washing
zancleano,-na *nm/adj* Zanclean
zangarro *nm* [Asientos, Méx] small mill
zanja *nf* ditch, channel, trench | trench, cutting, or pit, such as those dug to prospect for ores | [Arg, PR] ravine, gully | *z. de exploración* test trench | *z. de lodo* mud pit | *z. de préstamo* borrow pit
zanjadora *nf* ditching machine, ditcher
zanjar *vtr* to dig a ditch or trench (*note*: used figuratively, *zanjar* means to overcome some difficulty or obstacle)
zanjeador *nm* ditch digger
zanjeadora *nf* ditcher
zanjeear *vtr* to dig a ditch
zanjeo *nm* ditching, ditch digging | underhand stoping
zanjón *nm* large or deep ditch or trench | [Arg] steep gully | [PR] solution corridor
zanoga *nf* glacial cirque
zapa *nf* sapping, undermining, or trenching as military engineers did in the days of siege warfare | intermediate galleries driven between main galleries
zapadora *nf* excavator
zapapico *nm* pick-axe, mattock
zapar *vtr* to undermine | to excavate
zapatalita *nf* zapatalite
zaranda *nf* sieve, screen, or riddle, either used by hand (*de mano*) or mechanical
zarandado,-da *adj* sieved, screened
zarandador,-dora *nm/nf* screener, siever
zarandar *vtr* to sift, sieve, screen
zarandear *vtr* to sift, sieve, screen
zarandeo *nm* sifting sieving, or screening | *z. grosero* rough screening
zarandero,-ra *nm* or *nf* sifter, screen tender
zarandillo *nm* small sieve
zaratita *nf* zaratite
zarco,-ca *adj* light blue
zarda *nf* [Arg] a type of bit used for drilling wells
zarzo *nm* roof timber in a mine
zavaritskita *nf* zavaritskite
zektzerita *nf* zektzerite
zellerita *nf* zellerite
zemannita *nf* zemannite

zemorriense *nm/adj* Zemorrian

zenit *nm* zenith

zenital *adj* azimuthal, zenithal

zeofilita *nf* zeophyllite

zeolita *nf* zeolite | *z. azul* lazulite | *z. barítica* barium zeolite | *z. bronceada* dark stilbite | *z. cálcica* calcium zeolite | *z. cúbica* chabazite | *z. calcífera* calcium zeolite | *z. de Borkhult* zeolitized anorthite | *z. de Bretaña* laumontite | *z. de Edelfors* edelforsite | *z. de Sudermania* spodumene | *z. de Suecia* spodumene | *z. del Cabo* prehnite | *z. dura* analcime | *z. férrica* iron zeolite | *z. harinosa* laumontite | *z. manganésica* manganese zeolite | *z. nacarada* stilbite | *z. potásica* potassium zeolite | *z. radiada* mesolite | *z. roja* edelforsite | *z. sódica* sodium zeolite | *z. sodicálcica* sodium-calcium zeolite

zeolítico,-ca *adj* zeolitic

zeolitización *nf* zeolitization

zermattita *nf* chrysotile | antigorite

zeugira *nf* metabrushite

zeunerita *nf* zeunerite

zeuxita *nf* acicular ferrous tourmaline

zeylanita *nf* ceylonite

zeyringita *nf* calcite | aragonite

zeyssatita *nf* randanite

zhemchuzhnikovita *nf* zhemchuzhnikovite

zianita *nf* kyanite

ziguelina *nf* a brick-red *var* cuprite (mixed with limonite) | dolomite with finely disseminated cinnabar

zigzag *nm* zigzag | *en z.* staggered

zigzaguar *vtr* to zigzag

zillerita *nf* tremolite-actinolite asbestos (*var* mountain cork)

zillerthita *nf* tremolite-actinolite asbestos (*var* mountain cork)

zimapanita *nf* zimapanite (a rejected mineral species)

zinalsita *nf* zinalsite

zinc *nm* zinc | *z. carbonatado* smithsonite | *z. electrotérmico* electrothermic zinc | *z. hidrocarbonatado* hydrozincite, calamine | *z. oxidado silicífero* calamine, hydrozincite

zincaluminita *nf* zincaluminite

zincazurita *nf* mixture of zinc sulfates and copper carbonates, zinkazurite

zincífero,-ra *adj* zinc-bearing, zinciferous

zinckenita *nf* zinckenite

zinc-melanterita *nf* zinc-melanterite

zincobotriogen *nm* zincobotryogen

zincocalcita *nf* zinc calcite

zincocopiapita *nf* zincocopiapite

zincoferrita *nf* franklinite

zincolivenita *nf* zinc olivine

zinconisa *nf* hydrozincite, calamine

zincoschefferita *nf* zinc schefferite

zincosita *nf* zinc sulfate

zincoso,-sa *adj* zincous, zincic

zincrodocrosita *nf* zinc rhodochrosite

zincrómerita *nf* zinc römerite

zincrosasita *nf* zincrosasite

zincsiderita *nf* zinc siderite

zincsilita *nf* zincsilite

zincteallita *nf* mixture of teallite and wurtzite

zinc-zippeita *nf* zinc-zippeite

zinkaragonito *nm* nicholsonite

zinkboothita *nf* zinc boothite

zinkenita *nf* zinkenite

zinkhausmannita *nf* hetairite

zinkisa *nf* tin sulfide

zinkita *nf* zincite

zinkmelanterita *nf* zinc melanterite

zinkosita *nf* zinc sulfate

zinkphyllita *nf* hopeite

zinntitanita *nf* stanniferous sphene

zinnwaldita *nf* zinnwaldite

zinopel *nm* red jasper mixed with gold-bearing pyrite

zinqu *nm* zinc (archaic spelling)

zippeita *nf* zippeite

ziquitumba *nf* dewatering of a mine by hand labor

zircarbita *nf* zirconium carbonate

zircofilita *nf* zircophyllite

zircón *nm* zircon | *z. favas* baddeleyite

zirconiana *nf* zircon-bearing nepheline syenite

zirconio *nm* zirconium

zirconita *nf* zircon

zircón-jacinto *nm* rosemuschite

zircón-pectolita *nm* rosemuschite

zirconolita *nf* zirkelite

zircosulfato *nm* zircosulfate

zirkelita *nf* zirkelita

zirklerita *nf* zirklerite

zirkofilita *nf* zircophyllite

zirlita *nf* allophane

zirsinalita *nf* zirsinalite

ziszás *nm* zigzag | *en z.* staggered

zittavita *nf* zittavite

zoantariense *nm* Zoantarian

zöblitzita *nf* serpentine

zobtenita *nf* gabbro-gneiss

zócalo *nm* basement, continental platform | *z. continental* continental shelf, continental plain | *z. estable* table shelf or platform | *z. insular* insular shelf | *z. lábil* tectonically formed platform or shelf | *z. liminar* continental plain

zocollar *vtr* [Ec] to clear land (preparatory to mining)

zoesita *nf* fossiliferous chalcedony

zoicita *nf* zoisite

zoisita *nf* zoisite

zoisitaoligoclasapegmatita *nf* oligoclase zoisite pegmatite

zona *nf* zone. | area (as in *la zona estudiada* 'the study area') | region, belt (as in *zona mineralizada* 'mineralized region' or 'belt.') | layer or band of mineral in a vein (as in *zonas de cuarzo*, 'quartz bands') | *z. abisal* abyssal zone | *z. abismal* abyssal zone | *z. aciete-agua* oil-water contact | *z. acinal* acinal area | *z. afótica* aphotic zone | *z. alterada* [seis] weathered zone | *z. batial* bathyal zone | *z. ciega* [seis] blind zone | *z. comprobada* proven zone | *z. contaminada* contaminated zone | *z. contigua* contiguous zone | *z. cortical* upper crust | *z. costera* coastal zone (to 200 m depth) | *z. crítica* [topo] critical z. | *z. de ablación* ablation area | *z. de abrasión* abrasion platform | *z. de acumulación* accumulation zone | *z. de aeración* zone of suspended water | *z. de agotamiento* zone of depletion | *z. de alteración* alteration zone. | *z. de anamorfismo* anamorphic zone | *z. de arranque* root zone | *z. de Benioff* Benioff zone | *z. de capas plegadas* folded zone | *z. de capilaridad* capillary fringe | *z. de catamorfismo* katamorphic zone | *z. de cementación* zone of cementation | *z. de cizalladura* shear zone | *z. de cizallamiento* shear zone | *z. de contacto* contact zone | *z. de deposición* zone of deposition | *z. de derrumbamiento* zone of caving (in a well) | *z. de desarrollo* development zone, pay zone | *z. de descargo* zone of discharge | *z. de dislocación* fault zone | *z. de drenaje* drainage area | *z. de erosión* zone of erosion | *z. de explotación* producing zone | *z. de fallas* fault zone, zone of faulting | *z. de flujo* zone of flow or plastic flow | *z. de fracturamiento* or *fracturación* or *fractura* fracture zone | *z. de hundamiento* zone of subsidence | *z. de iluviación* zone of illuviation | *z. de infiltración* zone of infiltration | *z. de inundación* flood area | *z. de invasión* invasion zone | *z. de inyección*

injection zone | *z. de las coraiñas* (30-90 m water depth) | *z. de las laminarias* (0-30 m water depth) | *z. de los corales* (100-500 m water depth) | *z. de meteorización* zone of weathering | *z. de movilidad* asthenosphere | *z. de pérdida de circulación de lodo* lost circulation zone | *z. de saturación* saturation zone | *z. de saturación intermitente* zone of intermittent saturation | *z. de sedimentación* zone of deposition | *z. de subsidencia* subsidence z. | *z. de transformación metamórfica* metamorphic transformation zone | *z. de transición* transition zone | *z. de trituración* crush zone | *z. de turbulencia* zone of turbulence | *z. de vórtices* whirl-zone | *z. débil* weak zones in the crust that form geosynclines | *z. disfótica* dysphotic zone | *z. eufótica* euphotic zone | *z. explotada* stope | *z. extérrida* external zone (in alpine folding) | *z. fallada* fault zone | *z. firme* terra firma | *z. fluida* lower crust | *z. fracturada* fracture zone | upper crust | *z. fuente de contaminación* [env] area source | *z. glacial* glacial zone | *z. infiltrada* infiltration zone | *z. interfacial* or *interfase* interface | *z. intermedia* intermediate belt | that part of a geosyncline where mountain-building occurs | *z. inténrida* internal zone (in alpine folding) | *z. inundada* flooded zone | *z. glaciar* or *glacial* glacial z. | *z. intertidal* intertidal z. | *z. límite* limiting zone | *z. litoral* coastal zone | *z. marina de jurisdicción nacional* exclusive economic z. | *z. mediánida* zone of folding | *z. medida* zone of folding | *z. mérida* zone of folding | *z. metamórfido* zone of maximum metamorphism | *z. miogeosinclinal* miogeosyncline | *z. miomagmática* miogeosyncline | *z. muerta* dead zone | *z. néritica* neritic z. | *z. no comprobada* unproven zone, untested area | *z. petrolífera* oil zone | *z. plegada* folded zone | *z. polar* polar zone | *z. por escalones* stoping ground | *z. por escalones en escalón* stoping level | *z. positiva* positive segment [of earth's crust] | *z. productora* productive zone, producing zone | *z. rígida* stable zone | *z. sísmica* seismic zone or area | *z. de sombra* [gephys] shadow zone | *z. templada* temperate zone | *z. tórrida* torrid zone | *z. vadosa* vadose z. | *en z.* [cryst] zoned

zonación *nf* zonation. | *z. metasomática* metasomatic zoning

zonado,-da *adj* zoned

zonal *adj* zonal

zonalidad *nf* zonality, zoning

zonamiento *nm* zoning
zonar *adj* zoned compositionally (as for a magma)
zonga *nf* [Col] rubble stone
zonificación *nf* zoning
zonita *nf* [Ariz] local term for multicolored chert and jasper
zonización *nf* [Arg] zoning
zonoclorita *nf* zonochlorite (*var* pumpellyite)
zonulo *nm* zonule
zoofásmico,-ca *adj* zoophasmic
zoógeno,-na *adj* of organic origin
zoogeografía *nf* zoogeography
zoolita *nf* sedimentary rock formed exclusively or predominantly from animal remains | biolith | zoolith
zoolito *nm* fossilized animal
zopetero *nm* embankment, slope
zorgita *nf* mixture of claustalite, tiemannite, and umangite
zorita *nf* zorite
zorra *nm* [Bol] flatcar used in a mine to carry equipment | [Méx] assistant who carried a light for the chief miner when the latter went underground
zubía *nf* channel, pool, swamp
zuloagense *nm/adj* Zuloagan
zunyita *nf* zunyite
zurdo *nm* a shaft sunk opposite the dipping side of a vein. (this is, of course, opposite from the side of a vein one normally sinks a shaft on, unless one intends to stope from below; hence, the use of *zurdo*, which normally means 'lefty' or 'southpaw', and in Hispanic cultures carries negative and unlucky connotations)
zurlia *nf* mellilite
zurrapa *nf* dregs, lees or sediment | raw sulphur containing 5 to 6% impurities
zurrapiento,-ta *adj* muddy, turbid
zurraposo,-sa *adj* muddy, turbid
zurrón *nm* leather bag or sack, holding about 150 lbs., used to haul ore
zurronero *nm* workman who carries ore or waste in a *zurrón*
zussmanita *nf* zussmanite
zvyagintsevita *nf* zvyagintsevite
zweiselita *nf* zweiselite
zykaita *nf* zykaite