

## 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
- absarokuita** *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
- ácidula** *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*
- afloramiento* 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  
 recieved (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*  
*desciaciones* 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* groundslide | *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
- amigdaloide** *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  
**anataza** *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  
**anfangena** *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  
**ante arrecife** *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* Archean
- 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
- Ashgillense** *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
- autóporo** *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 ocher 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