

E

- 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
endliquita *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
entrecocer *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
euhedral *adj* euhedral
euhédrico,-ca *adj* euhedral
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