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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

feldespatioide *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
filonitización *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 versimilitud* 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