

S

saaliense *adj* Saalian

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

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

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

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

sabanera *nf* diorite

sabiniense *adj* Sabinian

sablón *nm* coarse sand

sábulo *nm* fine gravel

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

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

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

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

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

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

sacatestigo *nm* core barrel

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

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

saetín *nm* chute, headrace, flume

sagenítico,-ca *adj* rutilated, sagenitic

saheliano,-na *adj* Sahelian

saheliense *adj* Sahelian

sajoniano,-na *adj* Saxonian

sajónico,-ca *adj* Saxonian

sajoniense *adj* Saxonian

sajonita *nf* saxonite

sakmariense *adj* Sakmarian

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

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

salacuifer *nm* saline aquifer

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

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

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

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

salazón *nm* [Arg] salinity

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

salero *nm* salt mine

salfémico,-ca *adj* sulfemic

salíco,-ca *adj* salic

salida *nf* outcrop | leak or seep

saliente *nm* salient

salífero,-ra *adj* saliferous

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

salinas *nfpl* salt works | salt marsh

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

salinidad *nf* salinity

saliniense *adj* Salinan

salinización *nf* salinization

salino,-na *adj* saline, salty

salinómetro *nm* salinometer

salitrado,-da *adj* saltpetrous

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

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

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

salitrería *nf* saltpeter or nitrate works

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

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

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

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

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

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

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

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