

## I

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

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

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

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

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

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