

Normal Metals & Superconducting Metals in Navaho/ Navajo (Diné Bizaad)

(Béesh hadaatt'é dóó béesh bee 'atsinilt'ish bidziil nínígíí t'áá 'íyisíí dabidziil)

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Normal Metals

English Term	Navaho Term	Literal Meaning
Metal	Béesh	Metal
Precious Metal(s)	Béesh 'íliníi	Expensive or valuable metal(s)
Rust	ńdiniichxii'	Became red (generally used to describe rust or oxidation)
Copper (Cu)	Béesh tichíí' or béesh tichíí'ii	Red metal
Iron (Fe)	Béesh dootł'izh	Blue metal
Steel (Fe–C Alloy)	Béesh nitt'izígíí	Particular hard or inflexible metal
Stainless Steel	Béesh nitt'izígíí doo ńdiniichxíihii	Particular hard or inflexible metal that does not rust or oxidize
Gold (Au)	'óola	Gold
Silver (Ag)	Béesh tigaii	White metal
Chromium (Cr)	Béesh tibáhi bitsa'dinidiin	Gray metal that shines
Brass (Cu–Zn Alloy)	Béesh titsoii	Yellow metal
Bronze (Cu–Sn Alloy)	Béesh dinishtsoii or béesh dinittsoii	Dark yellow metal
Solder (Sn–Pb or Pb-free alloy)	Béesh bee 'ahída'diiljeehi	Metal glue

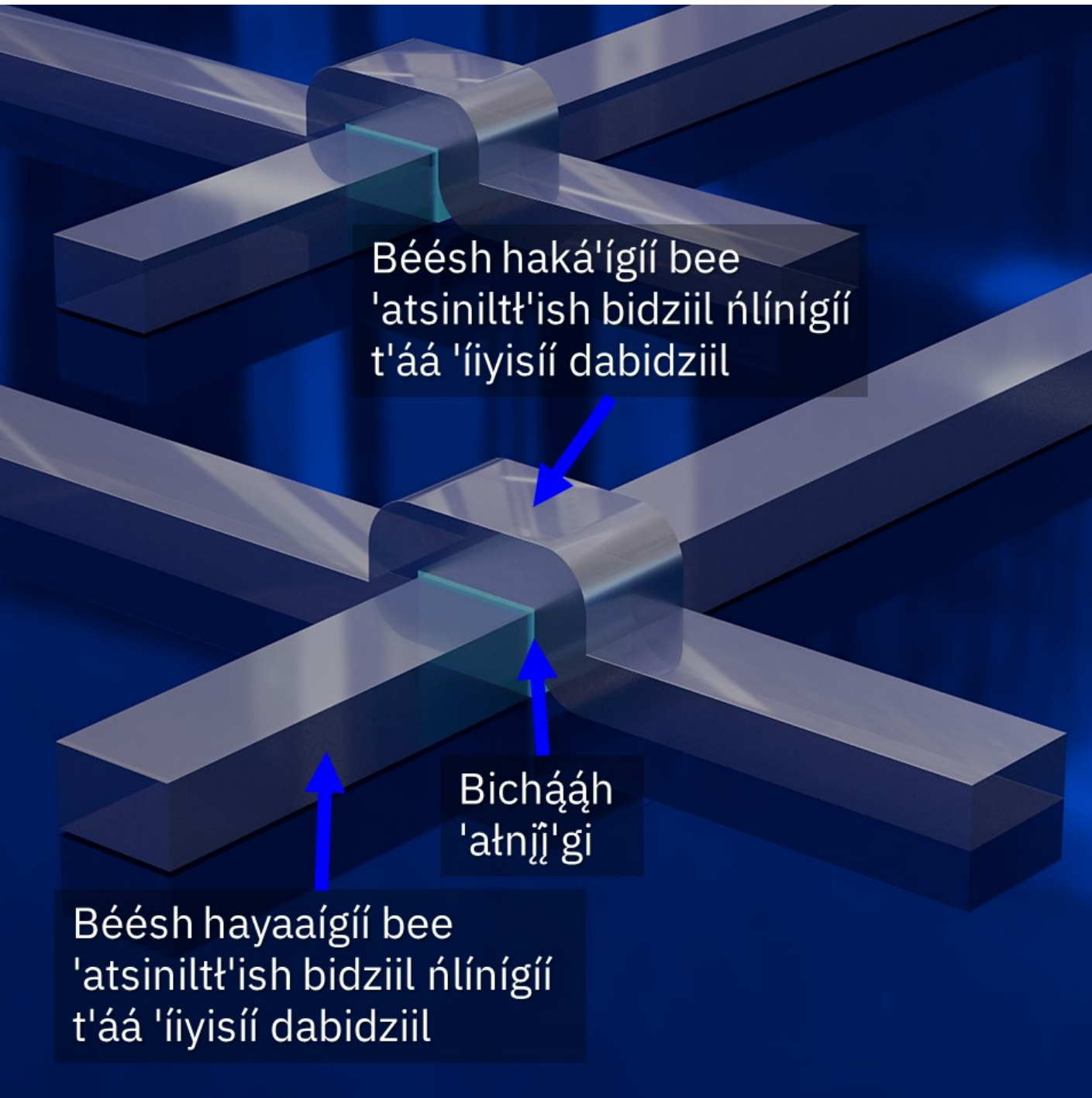
Superconducting Metals

English Term	Symbol	Superconductivity	Navaho Term	Literal Meaning
Aluminum	Al	*	Béesh 'ádaaszóóligíí	Particular lightweight metal
Mercury	Hg	*	Béesh tózháanii	Metal with mushy or somewhat "watery" characteristics
Lead	Pb	*	Dilyjhi	Lead
Tin	Sn	*	Béesh kágí	Metal skin or metal hide
Titanium	Ti	*	Béesh doo ńdiniichxíihii	Metal that does not rust
Zinc	Zn	*	Béesh ditt'ooí	Hairy metal
Magnesium	Mg	(borderline) ^	Béesh Magniiziya bijoosye' or Magniiziya bibéesh	Metal named after Magnesia (Greece)
Nickel	Ni	^	Béesh Nik sání bijoosye'	Metal named after Old Nick
Tungsten	W	^	Béesh tibáhi 'ádanítdáás	Heavy gray metal
Platinum	Pt	(no SC) → stays here if considering alloys	Béesh tigaii yázhi	Little silver or little white metal
Cobalt	Co	(no SC) but alloys SC	Béesh kaobal bijoosye'	Metal named after kobald (Germany)
Manganese	Mn	(no SC) but SC compounds exist	Béesh Manganiiziya bijoosye'	Metal named after Mangesia
Molybdenum	Mo	*	Béesh dilyjhi nahaligo or Béesh maalib'doos bijoosye'	Lead-like metal or metal named after molybdos (Greece)
Tantalum	Ta	*	Béesh Tantalas bijoosye'	Metal named after Tantalus (Greece)
Niobium	Nb	*	Béesh Naiiyob bijoosye'	Metal named after Niob (Greece)
Palladium	Pd	^	Béesh Balas bijoosye'	Metal named after Pallas (Greece)
Rhodium	Rh	^	Béesh chqo bijoosye'	Metal named after a rose (Greece)
Ruthenium	Ru	*	Béesh Wootiiniya bijoosye'	Metal named after Ruthenia (Greece)
Iridium	Ir	^	Béesh nááts'ílid	Rainbow metal
Gallium	Ga	*	Béesh Galiya bijoosye'	Metal named after Gallia (France)
Indium	In	*	Béesh taos'nii' nahalingo	Dough-like metal
Cadmium	Cd	*	Béesh Kadmiya bijoosye'	Metal named after Cadmea (Greece)

(legend: * = ambient pressure superconductivity, ^ = superconductivity only under high pressure)
When a metal is named after a noun: Béesh <Navaho transcription of noun> bijoosye' or <Navaho transcription of noun> bibéesh = Metal named after <noun> (additional context)



T'áadoole'é nabíhonitaah bee 'azk'azi ni'góó sizinígíí



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