



	Abbreviation	Definition	
Preparation	DIP	Sample Destroyed in Preparation	
	DIS	Sample Destroyed in Shipment	
	ISS	Insufficient Sample Submitted	
	SDI	Sample Diesel Impregnated	
	SHI	Sample Hydraulic Impregnated	
	SNR	Sample Not Received	
Analysis	STD - ??	International Reference Material Standard	
	STD - AAL##	AAL generated standard material	
	BLANK	AAL Laboratory Silica Blank	
	DTF	Data to Follow	
	DL	Detection Limit of Method	
	< or -	Less Than Detection Limit of Method	
	>	Greater than Upper Limit of Method	
	N/A	Not Analyzed	
	NR	Not Reported	
	(R) column	Laboratory repeat weigh, digestion, analysis from original pulp or reject resplit	
	D or -D after Sample ID	Client submitted duplicate rig split sample	
	-R after Sample ID	Repeat analysis from original pulp reweigh, digestion and analysis	
	-X after Sample ID	Repeat analysis from reject resplit, preparation, weigh, digestion and analysis	
	ppb	Parts per Billion 0.001 ppm = 1 ppb	
	ppm	Parts per Million 1 ppm = 1 mg/Kg	
	OPT	TroyOunces per Tonne=TroyOunces per metric Ton 1 ppm = 0.02917 OPT	
	Oz	Troy Ounce = 31.103 grams	
	%	Percent 1%=10,000 ppm	
	g	Grams 1g=0.001 kilogram	
	mg	Milligrams 1mg=0.001grams	
	Kg	Kilograms 1Kg=1000grams	
	lbs	Pounds 1lb=0.454kilogram	
	Method	FA##	Fire Assay Lead Collection - ## sample weight in grams
GRAV		Gravimetric (Weighed) finish	
+ ###		Plus Fraction (Retained on top of Mesh) ###Screen Size	
- ###		Minus Fraction (Passed through Mesh) ###Screen Size	
CN		Cyanide Extraction	
ORE GRADE		2g sample made to 1000ml volumetric for results > upper limit of method	
Ox-H2SO4 or -HCl		Dilute acid leach for oxide fraction in copper or molybdenum analysis	
QLA		Dilute 10%H2SO4/0.5%Fe2(SO4)3 30C leach for acid soluble copper	
QLT		Dilute 15%H2SO4 30C leach for acid soluble copper	
SAP		Dilute 5%H2SO4/0.5%Fe2(SO4)3 85C leach for acid soluble & chalcocite copper	
D#A		Digestion #=2,3 or 4 Acids 2A=HCl/HNO3 3A=HCl/HNO3/HClO4 4A=HCl/HNO3/HF/HClO4	
HCl		Hydrochloric Acid(37%w/v) Boiling Point 109C	
HF		Hydrofluoric Acid(48%w/v) Boiling Point 108C Extreme Health Hazard	
HClO4		Perchloric Acid(69%w/v) Boiling Point 203C Extreme Fire/Explosion Hazard	
HNO3		Nitric Acid(69%w/v) Boiling Point 121C	
H2SO4		Sulfuric Acid(98% w/v) Boiling Point 338C	
ICP-xA or -xD		ICP-OES and/or ICP-MS analysis using x=2, 3 or 4 acid digestion	
LiBO2-C		Lithium Metaborate fusion in Carbon crucible	
Na2O2-C		Sodium Peroxide fusion in Carbon crucible	
Na2O2-Zr		Sodium Peroxide fusion in Zirconium crucible	
Technique		AAS	Atomic Absorption Spectroscopy
		ICP-OES	Inductively Coupled Plasma Optical Emission Spectroscopy
		ICP-MS	Inductively Coupled Plasma Mass Spectroscopy

RG	Research Grade (Low detection limit ICP-OES)
UT	Ultra Trace (ICP-OES+ICP-MS analyses)
XRF-ED or -WD	X-Ray Fluorescence (-ED = Energy Dispersive) (-WD = Wavelength Dispersive)
XRD	X-Ray Diffraction
ELTRA-I	Carbon & Sulfur infrared detection analyzer inductive heating
ELTRA-R	Carbon, Hydrogen & Sulfur infrared detection analyzer resistance furnace
LECO-I	Nitrogen & Oxygen infra red detection analyzer inductive heating
MW	Microwave Digestion ( -PT is at 1500psig and 300C)
SG-WD or -HP	Specific Gravity-WD=Water Displacement -HP=Helium Pycnometer 1g/cm <sup>3</sup> =62.4lbs/ft <sup>3</sup>

Definitions Page



