

Charges for chemical analysis at Chemical Laboratory, Eastern Region, Kolkata			
Type of Analysis	Basic cost	Overhead cost	Total
a) Quantitative chemical analysis of rock by conventional wet chemical method for 12 determinations (other than alumino-silicate and phosphate rock)	Rs. 4365/-	Rs.20/-	Rs.365/- per determination Rs.4,385/-
b) Analysis of one Alumino-silicate rock (Sillimanite/Kyanite)	Rs.5,681/-	Rs.20/-	Rs.5,701/-
C) Analysis of Phosphate rock	Rs.6,997/-	Rs.20/-	Rs.7,017/-
Analysis of chrome- ore sample by wet chemical method (12 determinations)	Rs.2,670/-	Rs.20/-	Rs.2,690/-
Analysis of precious metals by Fire Assay Technique			
a) Gold	Rs.640/-	Rs.20/-	Rs.660/-
b) Platinum	Rs.700/-	Rs.20/-	Rs.720/-
c) Palladium	Rs.700/-	Rs.20/-	Rs.720/-
D) Gold, palladium and platinum analysis	Rs.740/-	Rs.20/-	Rs.760/-
Gold analysis by AAS method	Rs.430/-	Rs.20/-	Rs.450/-
Rapid geochemical analysis by AAS method			Rs.83/- per determination
i) First 5 radicals	Rs.395/-	Rs.20/-	Rs.415/-
ii) for each subsequent radicals	Rs.60/-		Rs.60/-
Water analysis			
i) Partial analysis for seven determinations (pH, Conductivity, total hardness, alkalinity, sodium and potassium)	Rs.385/-	Rs.20/-	Rs.405/-
ii) Complete analysis for 14 determinations (pH, Conductivity, total hardness, alkalinity, TDS, sulphide, nitrate, chloride, iron silica, phosphorous, manganese, sodium, potassium)	Rs.840/-	Rs.20/-	Rs.860/-
iii) Analysis of Boron	Rs.380/-	Rs.20/-	Rs.400/-
iv) Analysis of mercury	Rs.385/-	Rs.20/-	Rs.405/-
v) Analysis for arsenic	Rs.395/-	Rs.20/-	Rs.415/- + 10%
vi) Analysis of Fluoride	Rs.380/-	Rs.20/-	Rs.400/-
Analysis of limestone/dolomite sample (Acid insoluble R_2O_3 , Ca, Mg & LOI)	Rs.395/-	Rs.20/-	Rs.415/-
Complete analysis of dolomite/limestone/gypsum/clay/manganese ore/bauxite/iron ore samples	Rs.1,500/-	Rs.20/-	Rs.1,520/-
Determination of mercury in rock or soil samples (by cold vapor technique)	Rs.480/-	Rs.20/-	Rs.500/-
Determination of arsenic in rock or soil samples	Rs.600/-	Rs.20/-	Rs.620/-
Determination of fluoride in rock or soil samples	Rs.500/-	Rs.20/-	Rs.520/-
Quantitative REE analysis (14 radicals) by ICP, AES method (sequential method)	Rs.2,000/-	Rs.20/-	Rs.2,020/-
Semi-quantitative estimation of a package of 34 elements by ICP-AES method (simultaneous model)	Rs.700/-	Rs.20/-	Rs.720/-
Spectrographic semi-quantitative determination of elements in rock/soil samples			
i) For 12 elements	Rs.400/-	Rs.20/-	Rs.420/-
ii) For each subsequent element	Rs.15/-		
Estimation of major oxides by XRF technique			
i) Major oxides	Rs.1,50/-	Rs.20/-	Rs.1,70/-
ii) For each additional trace elements	Rs.250/-		
Proximate analysis of coal	Rs.355/-	Rs.20/-	Rs.375/-
Analysis of sediment sample for determination of Hydrocarbons (C ₁ -C ₁₀)	Rs.900/-	Rs.20/-	Rs.920/-

Actual rates will be enhanced by 10% due to inflation.
Service tax will be charged as applicable