



PT. GEOSERVICES - MINERAL LABORATORY

KAN Accreditation for ISO17025 Laboratory Certification

CAPABILITY STATEMENT – JUNE 2017

Location

GeoAssay Laboratory
JL. Industry Selatan Blok MM1
Jababeka 2, Cikarang Bekasi 17530, Indonesia
Ph: (021)8937833-34
Fax: (021)8937835
Web: www.geoservices.co.id

Contact

Wayne Turner - Mineral Division HOD
Email: wayne.turner@geoservices.co.id
Made Ratsukini – Mineral Lab Operations
Email: made@geoservices.co.id

About us

PT. GEOSERVICES is a National Company founded in 1971 by Dr.Ong HL and Ir.Durban LA Msc. The Company has gained a solid base of expertise covering all aspects of the exploration and development of Indonesia's oil, gas, coal, mineral, and geothermal industries. Originally providing field sampling and chemical analysis for the mineral industry, PT. Geoservices has diversified its services and broadened its clientele. Located in Cikarang are the Mineral Division business streams covering:

- Mineral/exploration analysis,
- Metallurgical testwork
- Oil analysis testwork
- Geotechnical testwork

Our current range of mineral/exploration service capabilities include but are not limited to the following:

SAMPLE PREPARATION

Total/Partial Preparation Schemes
Bulk Moisture Content, Specific Gravity
Bulk Density, Sieve Analysis

BASE METAL ANALYSIS

Equipment ICPOES/AAS/MP4100/XRF
Digest - 2 acid/3 acid/4 acid
Peroxide Fusion
XRF - pressed powder semi-quantitative

METAL ANALYSIS

Ark Spark Optical Emission for analysis of Al,Cu,Co,Fe,Mg,Ni,Pb,Sn,Ti,Zn pure or alloy metals
Digest plus ICP/AAS metal analysis
XRF Metal Analysis for steel

CLASSICAL ANALYSIS

Iron, Copper and Manganese in ores
Reactive silica and available alumina
Chloride in rocks and soils

GOLD ANALYSIS

Fire assay gold, Aqua Regia Gold
Bulk Leach Extractable Gold - Low Level
Fire Assay Gravimetric, Screen Fire Analysis
Pulp Cyanide Gold Determinations

X_RAY FLUORESCENCE

XRF - Semiquantitative pressed/fused
XRF pressed powder - Nickel Exploration
XRF fusion packages - ores and commodities

X-Ray DIFFRACTION

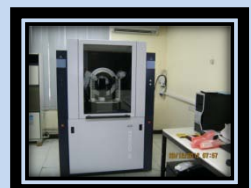
Determination of crystalline structures in powders

SITE OPERATIONS

Client Dedicated Sample Preparation
Mine Site Full Laboratory Operations

BULLION SUPERINTENDING

Representation for gold dore deliveries at Jakarta Gold Refinery



Balikpapan Sample Preparation

PT. Geoservices LTD
Balikpapan Testing Laboratory
Jl. M.T. Haryono No. 161
Balikpapan 76114
Phone : (62542) 872 155 - 157
Fax : (62542) 872151
Contact Person: Susilo

Kendari Sample Preparation

Jl Lanud Wolter Monginsidi Desa
Onewila
Kecamatan Ranomeeto
Kab. Konseil Kendari
South Sulawesi, Indonesia 93372

Kupang Sample Preparation

Jl. Pendidikan 1 No 6
RT 04 RW09, Kelurahan Kelapa
Lima
Kecamatan Kelapa Lima
Kota Kupang 85228