

## GOVERNMENT OF ZAMBIA

STATUTORY INSTRUMENT No. 5 of 1996

The Mines and Minerals Act  
(Act No. 31 of 1995)The Mines and Minerals (Geological Survey Fees)  
Regulations, 1996

IN EXERCISE of the powers contained in section *one hundred and eight* of the Mines and Minerals Act, the following Regulations are hereby made:

1. These Regulations may be cited as the Mines and Minerals (Geological Survey Fees) Regulations, 1996, and shall have effect from 1st January, 1996 to 31st December, 1996.
2. The fees set out in the Schedule hereof shall be charged for the services specified therein.

Title  
commence-  
ment and  
duration

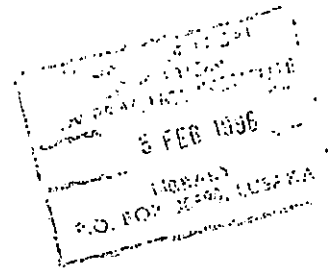
Fees

## SCHEDULE

(Regulation 2)

Service	Proposed Rate (Kee units)
<b>1. CONSULTANCY</b>	
Consultancy fee	50
Labour hire per month per man/hr	200
Field operations per day per crew (exclusive of transport costs)	3,000
Data processing interpretation	1,500
Report (5 copies)	1,000
Diamond drilling per metre (excluding mobilization, casing, shifting and demobilization)	800
<b>2. MINERAL AND PETROLOGY LABORATORY</b>	
<b>MINERAL IDENTIFICATION</b>	
Physical properties	20
Optical properties	50

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P. O. Box 30136, 10100, Lusaka. Price K155.00 each.



<i>Service</i>	<i>Proposed Rate (Fee units)</i>
XRD pattern only	150
XRD pattern plus interpretation	300
XRF major elements complete	350
Trace elements complete	500
<b>OTHER SERVICES</b>	
Logging of the drill-core in core library per day (without sampling)	250
Drill core splitting and sampling per metre	1,000
Visiting the museum per group of:	
students	100
individual students	5
non-students-adults	25
<b>PETROGRAPHIC PREPARATION</b>	
Covered thin section	100
Polished section	100
Staining	150
<b>PETROGRAPHIC ANALYSIS</b>	
Petrographic description per standard description per sample	100
Point counting per sample	200
Cutting rocks per piece	50
Rough polishing per polished surface	80
Varnishing per surface	100
Impregnating per sample	30
<b>3. GEMOLOGICAL LABORATORY</b>	
<b>SORTING AND GRADING OF CUT AND POLISHED GEMSTONES</b>	
Diamonds per 10ct sample	200
Emeralds, rubies, aquamarine and sapphires per 20ct sample	100
Ametyst, garnets, tourmaline and beryl etc per 20ct sample	25
<b>AUTHENTICATION AND VALUATION</b>	
RAW ROUGH GEMSTONES PER SAMPLE	80
Cut and polished gemstones per sample	100
Valuation certificate per copy	50
<b>CUTTING AND POLISHING</b>	
Emeralds, rubies, sapphires and aquamarine per piece	50
All other gemstones per piece	30
<b>LABORATORY REPORTS</b>	
Law enforcement agents	50
Mining rights applications	200
Weighing of minerals per kg for the first 10kg.	10
Extra kg	5

<i>Service</i>	<i>Proposed Rate (Fee units)</i>
<b>4. METALLURGICAL AND MINERAL LABORATORY</b>	
<b>CRUSHING AND GRINDING</b>	
Crushing per kg/sample	10
Coarse grinding per 30kg of each sample	10
Fine grinding per 30kg of each sample	15
<b>SCREENING</b>	
Dry sieve analysis per sieve up to 1kg of each sample	15
Wet sieve analysis per sieve up to 1kg of each sample	25
<b>HOMOGENISING</b>	
Shaking per 5g sample	5
Grinding per 5g sample	10
Coning, quartering, splitting and riffing per sample	5
<b>IDENTIFICATION OF METALS</b>	
Physical methods per sample	50
Chemical methods per sample	150
<b>MINERAL SEPARATION</b>	
Heavy media per sample	200
Froth floatation per sample	500
Leaching per day per sample	250
Others per day per sample	100
<b>QUANTITATIVE ANALYSIS OF PRECIOUS METALS</b>	
Gold by fire assay per sample	200
Silver by fire assay	150
Refining of gold dust, chips, sludge and concentrates per 40g sample	200
<b>GEMSTONE DRESSING</b>	
Cleaning per kg per sample	50
Colour enhancing by heat treatment per first 10 stones thereafter	15 5
<b>CLAY ANALYSIS</b>	
Firing per sample	50
Compressive strength tests per sample	100
Liquid limit tests per sample	10
Shrinkage test per sample	15
Colour judgement per sample	5
Pyrometric number per sample	15
Swelling index per sample	15
Other analyses per sample	5

<i>Service</i>	<i>Proposed Rate (Fee units)</i>
<b>5. CHEMICAL LABORATORY</b>	
CHEMICAL ANALYSIS	
Full silicate analysis per sample	300
Limestone analysis per sample	150
Moisture content per sample	15
Loss of ignition (L. O. I.) per sample	25
Free silica content per sample	50
"Wet" chemical assay per sample per element	20
Determination by AAS per sample per element	15
Special determinations per sample per element	50
COAL ANALYSIS	
Proximate analysis per sample	40
Calorific value per sample	25
Ash content per sample	25
<b>6. CARTOGRAPHY</b>	
Draughting per man hour (excluding costs of material)	25
Dyeline printing per copy (excluding material)	15
Ammonia printing, ozafilm per copy (excluding material)	15
Reproduction of original per single weight copy	35
Graphic arts per man/hour (excluding material)	50
Reduction/enlargement per single weight copy	45
per double weight copy	60
Colour proof services per man/hour (excluding material)	30
Binding per copy	15
<b>7. MINING TECHNICAL RECORDS</b>	
INFORMATION	
Search fee	100
Geological data	200
Photocopying per page plus 50% of the cost of the publication	1
PUBLICATIONS	
Geological map of the Republic of Zambia scale 1:1,000,000 of 1974/75 per copy	500
Prospecting, exploration and mining licence areas 1:1,500,000 per copy	100
Geological and mineral map of Zambia 1:2,000,000 per copy	500
Metamorphic map of Zambia 1:500,000 per copy	250
Geological map 1:100,000 per copy	300
Geological map 1:250,000 per copy	600
Geological report with a map per copy	500
Economic report per copy	200

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<i>Service</i>	<i>Proposed Rate (Fee units)</i>
<b>8. GEOPHYSICAL SERVICES</b>	
Resistivity survey, water survey (Bore sitting within 50km radius per site investigation)	2,000
Over 50km radius per site investigation (excluding transport costs)	1,500
Seismic survey, site investigation and other engineering services per site investigation (excluding transport costs)	5,000
Gravity surveys, data acquisition per line kilometre	30
Interpretation plus report (excluding transport costs)	1,000
<b>MAGNETIC SURVEY</b>	
Data acquisition per line kilometre	30
Interpretation and report (excluding transport costs)	1,000

LUSAKA  
26th December, 1995  
[MMD.71/2/3]

S. K. WALUBITA,  
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Development*

