Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
Tel Nos. (632) 929-66-26 to 29 • (632) 929-62-52
929-66-20 • 929-66-33 to 35
929-70-41 to 43

ADMINISTRATIVE ORDER
No. 2005 – 08

APR 14 2005

SUBJECT : PROVIDING FOR NEW FEES AND CHARGES FOR VARIOUS SERVICES OF THE MINES AND GEOSCIENCES BUREAU

Pursuant to Executive Order No. 197 dated 13 January 2000, the following fees and charges for services rendered by the Mines and Geosciences Bureau (MGB) are hereby revised and/or updated:

	Fees and Charges (in Philippine Pesos, unless otherwise provided)
1.0 MINING RIGHTS	
1.1 Application for/Approved Exploration Permit (EP), Mineral Agreement (MA), Financial or Technical Assistance Agreement (FTAA), Temporary Exploration Permit (TEP), Special Mines Permit (SMP), Mining Lease Contract (MLC), Special Exploration Permit (SEP), Government Seabed Quarry Permit (GSQP) or Government Dredging Permit (GDP), including renewal application as the case may be:	
1.1.1 Filing/Renewal Fee (including renewal of Exploration Period of MA or FTAA);	
a. Application for EP and MA.....	60.00/Hectare or a fraction thereof but not less than 50,000.00/Application
b. Application for TEP, SMP, SEP, GSQP or GDP	20.00/Hectare or a fraction thereof but not less than 50,000.00/Application
c. Application for FTAA	60.00/Hectare or a fraction thereof but not less than 100,000.00/Application
1.1.2 Clearance Fee	5,000.00/Application
1.1.3 Registration Fee	
a. For EP, TEP, SMP, SEP, GSQP or GDP.....	5,000.00/Permit
b. For MA	20,000.00/Contract
c. For FTAA	50,000.00/Contract
1.1.4 Occupation Fee (for EP, MA, FTAA, TEP SMP, MLC)	
a. For Mineral Reservation areas.....	100.00/Hectare or a fraction thereof
b. For Non-Mineral Reservation areas.....	75.00/Hectare or a fraction thereof
1.1.5 Conversion Fee	
a. Approved Contract/Permit (from MA to FTAA/vice versa or EP to MA/FTAA, or SEP to GSQP).....	100.00/Hectare or a fraction thereof but not less than 50,000.00/ Conversion
b. Mining Application (from one form of mining application to another e.g., application for EP to MA	10,000.00/Conversion

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1.1.6 Transfer/Assignment Fee
a. Approved Contract/Permit
EP, MA, TEP, SMP, SEP, GSQP or GDP .... 20.00/Hectare or a fraction thereof but not less than 50,000.00/Transfer

FTAA ..... 20.00/Hectare or a fraction thereof but not less than 100,000.00/Transfer

b. Application for EP, MA, FTAA or SEP ..... 10.00/Hectare or a fraction thereof but not less than 25,000.00/Transfer

1.1.7 Amendment Fee
a. Application for/Approved EP or MA (except reduction in applied area) ..... 20.00/Hectare or a fraction thereof but not less less than 25,000.00/Application

b. Application for/Approved FTAA (except reduction in applied area) ..... 20.00/Hectare or a fraction thereof but not less than 50,000.00/Application

1.1.8 Evaluation of Feasibility Study Report/ Environmental Protection and Enhancement Program (EPEP) ..... 20,000.00/Study Report/EPEP

1.1.9 Application for Certificate of Environmental Management and Community Relations Record 5,000.00/Application

1.2 Application for/Approved Industrial Sand and Gravel or other Mining Permits under MGB Jurisdiction
1.2.1 Filing/Renewal Fee 10,000.00/Application
1.2.2 Registration Fee 5,000.00/Permit
1.2.3 Evaluation of EPEP 5,000.00/EPEP
1.2.4 Clearance Fee 2,000.00/Application
1.2.5 Transfer Fee ..... 5,000.00/Application or Permit

1.3 Application for Small-Scale Mining Permit
1.3.1 Filing Fee/Renewal Fee
a. For Individual 2,000.00/Application
b. For Corporation, Cooperative, Association or Partnership ..... 5,000.00/ Application

1.3.2 Transfer Fee
a. For Individual 2,000.00/Application
b. For Corporation, Cooperative, Association or Partnership ..... 5,000.00/ Application

1.4 Application for Mineral Processing Permit
1.4.1 Filing/Renewal Fee
a. Projects with Investments above ₱500 Million 50,000.00/Application
b. Projects with Investments of ₱250 Million to ₱500Million 20,000.00/Application
c. Projects with Investments of ₱250 Million and below 10,000.00/Application

1.4.2 Transfer Fee
a. Projects with Investments above ₱500 Million..... 50,000.00/Transfer
b. Projects with Investments of ₱250 Million to ₱500 Million 20,000.00/Transfer
c. Projects with Investments of ₱250 Million and below 10,000.00/Transfer

1.5 Application for Ore Transport Permit
1.5.1 Application Fee
a. For Metallic 2,000.00/Application
b. For Non-Metallic 1,000.00/Application

1.5.2	Certification Fee (for ores/minerals/mineral products less than 2 Metric Tons)	500.00/Certification
1.6	Application for Accreditation by Traders, ~~Dealers/Retailers~~ of Mineral Products/By-Products	
1.6.1	Filing fee	5,000.00/Application
1.6.2	Renewal fee	2,500.00/Application
1.7	Application/Renewal Fee for Treasure Hunting or Shipwreck/Sunken Vessel Recovery Permit	10,000.00/Application
1.8	Registration of Miscellaneous Documents and Related Services	
1.8.1	Power of Attorney	200.00/Power of Atty.
1.8.2	Other Forms of Assignments/Transfer	1,000.00/Assignment or Transfer
1.8.3	All other Instruments Affecting Mining Rights .	1,000.00/Instrument
1.8.4	Letter-Request for Certification	50.00/Certification
1.8.5	Request for Certified True Copy/PhotoCopy	40.00/Document plus 5.00/page
1.8.5	Photocopying Charge	2.00/page
1.9	Docketing Charges of the Panel of Arbitrators/Mines Adjudication Board	
1.9.1	For Filing Ordinary Protest, Adverse Claim, Opposition or any other Petitions	5,000.00/Protest, etc
1.9.2	For Filing Protest with Damages	10% of the total damage claimed shall be the basis for the docket fee
1.9.3	For Filing Counter-Claim, Counter-Protest or Counter-Opposition	5,000.00/Counter-Claim, Counter-protest, etc.
1.9.4	For Filing Counter-Claim, Counter Protest or Counter-Opposition with Damages	10% of the total damage claimed shall be the basis for the docket fee
1.9.5	Intervenor's Fee	5,000.00/Intervenor
1.9.6	Appeal Fee	5,000.00/Appeal
1.9.7	Motion for Reconsideration Fee.....	5,000.00/Motion
1.10	Docketing Charges of MGB	
1.10.1	For Filing an Action with MGB Regional Office	5,000.00/Case
1.10.2	For Filing an Appeal	5,000.00/Appeal

Note: Each of the Fees and Charges under **Items 1.9 to 1.10** shall be subject to PD 1856, in the amount of 20.00

1.11	Application for Survey Order, Verification of Survey Returns and Field Verification Survey of Approved/ Proposed Mining/Contract/Permit Areas	
1.11.1	Application for Survey Order	
	a. Processing Fee	60.00/block or 81 hectares plus 25.00 for every succeeding block or a fraction thereof
	b. Projection Fee	120.00 for the first 100 hectares, plus 25.00 for the succeeding 100 hectares or a fraction thereof
	c. Filing Fee	120.00/Application
	d. Surety Bond	10.00/hectare but not more than 500.00
1.11.2	Verification of Survey Returns	
	a. Application Fee	300.00/Application

b. Processing of Prescribed Original and Duplicate Computation Sheet of not more than 15 Stations per Sheet 10.00/Sheet

c. Processing of Resubmitted (new set) Original and Duplicate Computation Sheets (w/ correction) of not more than 15 Stations per Sheet, and/or Additional Survey Returns with Field Notes and/or Computation ..... 6.00/New Set provided that the minimum charge shall be 350.00 for the first resubmittal, plus 400.00 for every subsequent resubmittal.

1.11.3 Perimeter Boundary Survey

a. Application for/Approved MA/FTAA ..... 30,000.00 for the first 5 hectares, plus 2,000.00 per hectare for the succeeding hectares or fraction thereof.

b. Application for/Approved Small Scale Mining Permit/Contract ..... 3,000.00/hectare for the first 5 hectares, plus 1,000.00 per hectare for the succeeding hectares or fraction thereof

c. Application for/Approved Sand and Gravel Permit ..... 3,000.00/hectare or a fraction thereof

1.11.4 Tie Line Survey ..... 15,000.00/Line Kilometer

Note: In addition to the Fees and Charges under **Items 1.11.3 and 1.11.4**, the applicant or interested party shall shoulder the transportation of MGB personnel from his/her official station to the area and return, and other incidental expenses that may be incurred. The precision of survey control shall be in accordance with the Land Surveys Manual of the Philippines.

1.12 Evaluation of Mining Projects of Companies Applying for Registration/Licensing of Securities as referred by the Securities and Exchange Commission 5,000.00/Application

1.13 Application for/Renewal of Explosives and Other Related Permits

1.13.1	License to Possess Explosives - Purchaser's...	1000.00/Application
1.13.2	Amendment to License to Possess Explosives.	500.00/Application
1.13.3	Purchase/Transfer/Import Explosives	300.00/Application
1.13.4	Foreman's License	500.00/Application
1.13.5	Temporary Safety Inspector's Permit	1,000.00/Application
1.13.6	Temporary Safety Engineer's Permit	1,000.00/Application
1.13.7	Permanent Safety Inspector's Permit	1,500.00/Application or renewal
1.13.8	Permanent Safety Engineer's Permit	1,500.00/Application or renewal
1.13.9	Alien's Local Employment	4,000.00/Application
1.13.10	Application for Mechanical/Electrical Permit ...	500.00/Plan

2.0 GEOLOGICAL/MINING INVESTIGATION AND VERIFICATION AND OTHER RELATED SERVICE

2.1 The following shall have the following charge of ₱ 2,000.00/man/day, *Provided*: That the minimum charge is ₱ 6,000.00:

2.1.1 Geological, Geochemical or Geophysical Assessment/Investigation

2.1.2 Verification/Evaluation of Applied or Mining Contract/Permit Area, including Special Exploration Permit, Government Dredging Permit and Government Seabed Quarrying Permit

2.1.3 Verification/Field Investigation of Mining Conflicts or Other Boundary Survey

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2.1.4 Evaluation/Verification of Ore Stockpile, Umpiring of Ore Shipment or Mineral/Ore Reserves

2.1.5 Verification/Field Investigation of Mineral Processing Plant

2.1.6 Field Assessment/Verification for Proposed Treasure Hunting or Shipwreck/Sunken Vessel Recovery Activities

2.1.7 Verification/Audit of Explosives Magazines and Blasting Schemes

2.1.8 Inspection of Mechanical/Electrical Installation

2.1.9 Conduct/Field Validation of Geological Site Scoping (GSS)/Geological Verification (GV)/Geohazard Identification Survey (GIS)

2.2 The following shall have the following charge of ₱ 2,000.00/man/day, *Provided*: That the minimum charge is ₱ 10,000.00:

2.2.1 Conduct of Engineering Geological and Geohazard Assessment (EGGAR) on coastal and land areas

2.2.2 Validation of environmental, mine safety, health and socio-economic status of affected coastal/ marine areas by seabed quarry/dredging/borrow pit and offshore mining operations

2.2.3 Evaluation of mineral/ore reserves within coastal and offshore mining claim areas or seabed quarry/borrow pit areas

2.3 Review of the Engineering Geological and Geohazard Assessment Report (EGGAR)

2.3.1	Housing Projects (low-cost housing, mass-housing projects, residential condominiums)	6,000.00
2.3.2	Infrastructure Projects and High-rise (>10 storeys) residential/commercial complex and condominium projects	9,000.00
2.3.3	Major Infrastructure Projects and Civil Works (highways, pipelines, engineered landfills, seaports, airports, bridges/flyovers, etc.) having a project cost of > P 50 Million	15,000.00

Note: In addition to the Fees and Charges under **Items 2.1 to 2.2,** the applicant or interested party shall shoulder the transportation of MGB personnel from his/her official station to the area and return, and other incidental expenses that may be incurred. The coastal and offshore survey rates quoted above are exclusive of rental of equipment and facilities.

3.0 DRILLING EQUIPMENT AND ACCESSORIES

3.1	Drilling Machine (monthly rental)	
3.1.1	X-Ray Drill	10,800.00
3.1.2	Longyear Model "24" Wireline Drill	21,600.00
3.1.3	Longyear Model "24" Conventional Drill	17,280.00
3.1.4	Longyear Model "34" Wireline Drill	27,360.00
3.1.5	Longyear Model "34" Conventional Drill	23,040.00
3.1.6	Longyear Model "38" Wireline Drill with Automatic Chuck	30,240.00
3.1.7	Longyear Model "44" Wireline Drill with Automatic Chuck	34,560.00
3.2	Drill Pumps (monthly rental)	
3.2.1	Longyear Model 315 Pump	3,120.00
3.2.2	Longyear Model 535 Pump	9,600.00
3.2.3	Longyear Model 520 Pump	8,400.00
3.3	Drill Rods (monthly rental)	
3.3.1	One (1) pc. AQ Rod, 10 ft.	240.00
3.3.2	One (1) pc. BQ Rod, 10 ft.	320.00
3.3.3	One (1) pc. NQ Rod, 10 ft.	360.00
3.3.4	One (1) pc. HQ Rod, 10 ft.	480.00
3.3.5	One (1) pc. AW Rod, 10 ft.	240.00
3.3.6	One (1) pc. BW Rod, 10 ft.	320.00
3.3.7	One (1) pc. NW Rod, 10 ft.	360.00

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3.3.8	One (1) pc. HW Rod, 10 ft.	480.00
3.3.9	One (1) pc. EWL Rod, 10 ft. (small than AW)..	190.00
3.3.10	One (1) pc, XRT Rod, 10 ft. (smaller than EWL).	150.00

3.4 Casings (monthly rental)

3.4.1	One (1) pc. AW Casing, 10 ft.	240.00
3.4.2	One (1) pc. BW Casing, 10 ft.	310.00
3.4.3	One (1) pc NW Casing, 10 ft.	360.00
3.4.4	One (1) pc. HW Casing, 10 ft.	480.00
3.4.5	One (1) pc. EWL Casing, 10 ft.	190.00
2.4.6	One (1) pc. RW Casing, 10 ft.	145.00

3.5 Core Barrels (monthly rental)

3.5.1	One (1) pc. AQ Core Barrel, 10 ft.	2,250.00
3.5.2	One (1) pc. 5BQ Core Barrel, 10 ft.	4,500.00
3.5.3	One (1) pc NQ Core Barrel, 10 ft.	7,875.00
3.5.4	One (1) pc. HQ Core Barrel	9,000.00

3.6 Miscellaneous Accessories (monthly rental)

3.6.1	One (1) set Tripod Sheave Wheel, 24" dia. With clevis and bolt	2,400.00
3.6.2	One (1) set Tripod Sheave Wheel, 18" dia With clevis and bolt	1,920.00
3.6.3	One (1) pc. Heavy Duty Water Swivel Assy. With lifting hail	1,200.00
3.6.4	One (1) pc. Lifting Plug with rod box adapter ..	480.00
3.6.5	One (1) Snatch Block, 6" dia	240.00
3.6.6	One (1) set BX Casing Clamp	240.00
3.6.7	One (1) set NX Casing Clamp	240.00
3.6.8	One (1) set HQ Safety Foot Clamp Assembly complete with clamp jaws	1,200.00

3.7 Refundable Deposits (amount required, subject to refund, made to secure or guaranty compliance with certain requirements in a contract)

3.7.1 Bond (all throughout the Project duration)

a. For X-ray Drill, Pump and Accessories ... 576,000.00
b. For Longyear Model "24" Conventional Drill, Pump and accessories 720,000.00
c. For Longyear Model "24" Wireline Drill Pump and accessories..... 792,000.00
d. For Longyear Model "34" Conventional Drill, Pump and accessories 1,080,000.00
e For Longyear Model "34" Wireline Drill Pump and accessories 1,152,000.00
f. For Longyear Model "38" Wireline Drill w/ Automatic Chuck, Pump and accessories..... 1,368,000.00
g. For Longyear Model "44" Wireline Drill w/ Automatic Chuck, Pump and accessories..... 2,160,000.00
h. For Additional Longyear 535 Pump..... 144,000.00
i. For Additional Longyear 520 RQ Pump.. 129,600.00
j. For Additional Longyear 515 RQ Pump.. 72,000.00

3.7.2 Cash Deposits(all throughout the Project duration)

a. For X-Ray Drill, Pump and accessories ... 28,800.00
b. For Longyear Model "24" Conventional Drill, Pump and accessories 50,400.00
c. For Longyear Model "24" Wireline Drill Pump and Accessories 57,600.00
d. For Longyear Model "34" Conventional Drill, Pump and accessories 80,000.00

e. For Longyear Model "34" Wireline Drill w/ Pump and accessories 80,000.00
f. For Longyear Model "38" Wireline Drill w/ Automatic Chuck, Pump and accessories... 90,000.00
g. For Longyear Model "44" Wireline Drill w/ Automatic Chuck, Pump and accessories.. 100,800.00
h. For Additional Longyear 535 Pump 14,400.00
i. For Additional Longyear 520 RQ Pump 11,520.00
j. For Additional Longyear 515 RQ Pump 8,640.00
k. For Demobilization of Drilling Equipment and Accessories..... 50,000.00

4.0 PETROLOGICAL, MINERALOGICAL, GEOCHRONOLOGICAL AND OTHER RELATED SERVICES

4.1 Sample Preparation and Gemology Unit

4.1.1 Rock cutting and polishing

a. Soft rocks (as soft or softer than marble), per sq. dm. or a fraction thereof
- cutting 175.00
- polishing 225.00

b. Hard rocks (harder than marble), per sq. dm. or a fraction thereof
- cutting 200.00
- polishing 225.00

4.1.2 Thin section preparation
a. unmounted rocks and minerals 400.00
b. mounted rocks and minerals 500.00
c. mounted cutting/ditch samples 500.00

4.13 Polished section preparation
a. unmounted rocks and minerals 400.00
b. mounted rocks and minerals 450.00

4.1.4 Polished-thin section preparation
a. unmounted rocks and minerals 540.00
b. mounted rocks and minerals 635.00
c. mounted cutting/ditch samples 635.00

4.1.5 Doubly polished wafer preparation for fluid inclusion analysis 635.00

4.1.6 Sample preparation (drying, crushing, grinding, sieving and splitting) of geological materials for sedimentological/ mineralogical analysis, per kilogram or fraction thereof
a. oven drying 60.00
c. grinding using vibrating disc mill 95.00
d. sieving
- coarse (14-150 mesh)
= dry sample 60.00
= wet sample 70.00
- fines (170-400 mesh)
= dry sample 60.00
= wet sample 60.00
e. splitting using Jones riffle splitter 35.00

4.1.7 Sample preparation (drying, crushing and grinding, up to 200-300 mesh) of geological materials for x-ray bulk analysis ... 160.00

4.1.8 Sample preparation (drying, crushing grinding, sieving and splitting) for chemical analysis 160.00

4.1.9 Sample preparation for paleomagnetic analysis
a. mounting 230.00
b. coring 230.00
c. cutting 230.00

	d. grinding	230.00
4.1.10	Sample preparation for paleontological analysis	
	a. Microfossil Analysis	
	- thin section	345.00
	- washing, per 200 grams	230.00
	- polished block (3x2x2 cm.)	345.00
	b. Macrofossil Analysis	
	- cleaning (per sample)	115.00
	- repair (per specimen)	20.00
	- fossil reconstruction for broken specimen, moulds and casts (per specimen)	45.00
4.1.10	Gemstone preparation	
	a. Preparation of cabochon with oval, round, triangle, square, pear and four-sided forms	
	- with Moh's hardness up to 7	
	= 7 to 18 mm. diameter	160.00
	= 19 to 32 mm. diameter	220.00
	- with Moh's hardness between 7 and 9	
	= 7 to 18 mm. diameter	300.00
	= 19 to 32 mm. diameter	350.00
	b. Preparation of cabochon with heart, clover, star, cross, hexagon, octagon and more than four-sided forms	
	- with Moh's hardness up to 7	
	= 7 to 18 mm. diameter	220.00
	= 19 to 32 mm. diameter	300.00
	- with Moh's hardness between 7 and 9	
	= 7 to 18 mm. diameter	350.00
	= 19 to 32 mm. diameter	400.00
	c. Preparation of other shapes and forms such as teardrop, halfmoon, shark's tooth, sphere, cone, cylinder, etc. for materials with Moh's hardness up to 7	
	- 7 to 18 mm. diameter	350.00
	- 19 to 32 mm. diameter	400.00
	d. Faceting (64 index gear)	
	- standard brilliant cut (round)	
	= with Moh's hardness up to 7	400.00
	= with Moh's hardness bet. 7 & 9.....	450.00
	- brilliant oval cut, emerald cut	
	= with Moh's hardness up to 7	350.00
	= with Moh's hardness bet. 7 & 9.....	550.00
	e. Gemstone drilling	
	- first 10 mm.	35.00
	- per 1 mm. or a fraction thereof, in excess of 10 mm.	20.00
	f. Preparation of tumbled stones, per kilo (minimum of three kilos)	800.00
4.2	Megascopic/Microchemical Testing Laboratory	
4.2.1	Megascopic description of minerals, including mineral name, color, streak, form, hardness and uses/recommendation for further analysis ...	300.00
4.2.2	Megascopic description of rocks, including mineral composition, texture, rock name and uses/recommendations for further analysis ...	300.00
4.2.3	Qualitative microchemical test per element ...	160.00
4.2.4	Qualitatitve chemical stain test per mineral ...	160.00
4.2.5	Provision of rock and mineral collection with identification and description, per set of 12 samples	130.00

4.3	Sedimentology/Clay Mineralogy Laboratory Unit		
4.3.1	Sample preparation for grain size analysis		
	a. dilution and chemical treatment with sodium hexametaphosphate	.....	500.00
	b. pipetting	.....	500.00
	c. determination of weight loss	.....	100.00
4.3.2	Mineral separation per 100-gram sample or a fraction thereof		
	a. using hand magnet	.....	150.00
	b. using isodynamic magnetic separator	.....	500.00
	c. using heavy liquid medium, per mineral	....	1,000.00
4.3.3	Grain size analysis		
	a. wet sieving method of quantitative determination of particle size distribution of soil/sediments down to fine sand size	...	345.00
	b. hydrometer method of quantitative determination of particle size distribution of soil/sediments from coarse sand size to clay size	.....	400.00
4.3.4	Identification of transparent and translucent detrital minerals, with qualitatively estimated mineral abundances		
	a. as received	.....	1,500.00
	b. grain mounted polished/thin section	.....	1,000.00
4.3.5	Identification of transparent and translucent detrital minerals, with quantitatively estimated mineral abundances by point counting, per constituent grain		
	a. as received	.....	3,000.00
	b. grain mounted polished/thin section	.....	1,500.00
4.3.6	Permeability test for sediments and soils (minimum of five trials)	.....	1,200.00
4.3.7	Proctor compaction test for sediments and soils (minimum of five trials)	.....	900.00
4.3.8	Differential Thermal Analysis (DTA)	.....	700.00
4.3.9	Determination of liquid limit by cone penetrometer method		
	a. for soil samples	.....	345.00
	b. for clay samples (unactivated)	.....	600.00
	c. for clay samples (activated 1-6% Na_2CO_3)	..	3,000.00
4.3.10	Determination of plastic limit		
	a. for soil samples	.....	200.00
	b. for clay samples (unactivated)	.....	500.00
	c. for clay samples (activated)	.....	2,500.00
4.3.11	Determination of plasticity index		
	a. for soil samples	.....	500.00
	b. for clay samples (unactivated)	.....	1,000.00
	c. for clay samples (activated)	.....	4,500.00
4.3.12	Pyrometric Cone Equivalent (PCE) test	.....	450.00
4.3.13	Swelling test		
	a. unactivated	.....	120.00
	b. activated	.....	300.00
4.3.14	Oil bleaching test (inclusive of oil)		
	a. unactivated	.....	250.00
	b. activated	.....	500.00
4.4	Petrography/Fluid Inclusion Laboratory Unit		
4.4.1	Thin section analysis		
	a. standard petrographic description, including rock name, textures, qualitatively estimated		

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	mineral abundances and interpretation of alteration assemblages and/or paragenesis..	1,150.00
	b. mineral identification and rock name only, with qualitatively estimated mineral abundances	800.00
	c. mineral identification only, with quantitatively estimated mineral abundances by point counting, per mineral	1,035.00
	d. grain size determination only, per mineral..	345.00
4.4.2	Polished section analysis	
	a. standard petrographic description of ore minerals; including textures, qualitatively estimated mineral abundances and interpretation of paragenetic sequence ...	1,150.00
	b. mineral identification only, with quantitatively estimated mineral abundances	1,035.00
	c. mineral identification only, with quantitatively estimated mineral abundances by point counting, per mineral..	345.00
	d. grain size determination only, per mineral...	345.00
4.4.3	Fluid inclusion analysis	
	a. Inspection of samples for presence of fluid inclusions	115.00
	b. Petrographic description of fluid inclusions, including abundance, size, shape, nature of inclusions, etc.	300.00
	c. Measurement of homogenization temperature of as many inclusions as practical within the sample	1,725.00
	d. Measurement of freezing temperatures of as many inclusions as practical within the sample (exclusive of cost of liquid nitrogen) for salinity determination	2,875.00
	e. Measurement of salt dissolution temperatures of as many inclusions as practical within the sample for salinity determination	1,725.00
4.4.4	Photomicrography (exclusive of cost of films, developing and printing), per exposure	60.00
4.5	X-Ray Laboratory Unit	
4.5.1	X-Ray Diffraction (XRD) analysis	
	a. Sample preparation for orientation of clay minerals	
	- air drying	25.00
	- heating	115.00
	- glycolation	115.00
	b. XRD scan, machine run only	
	- $2^{\circ}2\theta$ to $41^{\circ}2\theta$	1,500.00
	- in excess of $41^{\circ}2\theta$, per degree	50.00
	c. XRD spectrograph interpretation (qualitative mineral identification)	500.00
4.5.2	X-Ray Fluorescence (XRF) spectrometric analysis	
	a. Sample preparation	
	- briquetting of powdered sample	100.00
	- glass bead/fused sample preparation...	200.00
	b. Qualitative XRF analysis	
	- using LiF, Ge, PET and TAP analyzing crystal (scan from 6° to 148°2θ)	3,500.00
	c. Quantitative XRF analysis, per element	(charge varies according to cost of standards)

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4.6 Paleomagnetic Laboratory Unit

4.6.1 Paleomagnetic analysis

a. Demagnetizing (thermal altering field)	500.00
b. Magnetic declination	350.00
c. Magnetic inclination	350.00
d. Magnetic moment	350.00
e. Magnetic susceptibility	350.00
f. North, east and vertical component	300.00
g. Bedding correction	300.00
h. Sample orientation correction	300.00
i. Virtual geomagnetic pole	400.00

4.7 Paleontology Laboratory Unit

4.7.1 Sample preparation

a. For radiolarian analysis: chemical treatment, washing and smear slide preparation	550.00
b. For quantitative paleontological analysis of planktic and benthic small foraminifera	
- Crushing, washing and drying	
= loose, friable sample	175.00
= semi-indurated, indurated sample chemical treatment with sodium hexameta- phosphate, hydrogen peroxide and/or borate	575.00
- Sieving	
= fine fraction (45µm)	60.00
= coarse fraction (250 µm and 150 µm)	60.00
= Splitting by aliquot method using Otto microsplitter	60.00

4.7.2 Microfossil analysis of small and large foraminifera

a. Standard paleontological analysis of sedimentary rock sample, including picking/isolation of fossils, faunal identification/listing, age and paleoecology determination, per sample	805.00
b. Quantitative paleontological analysis of planktic and benthic small foraminifera, per sample	
- Picking (approximately 300 specimen) isolation of fossils	230.00
- Taxonomic/faunal identification	
= genus level	60.00
= species level	90.00
c. Statistical analysis, per sample	
- Species richness	60.00
- Species diversity and equitability	60.00
- Species dissolution susceptibility	60.00
d. Systematic description, per species	60.00
e. Age, per sample	60.00
f. Paleoecologic interpretation, per sample...	115.00

4.7.3 Macrofossil analysis

a. Standard molluscan and other macrofossil analysis, including cleaning, faunal identification, age determination and paleoecologic interpretation, per sample...	805.00
b. Taxonomic identification and description, per sample	175.00
c. Photography: internal, external and side views (excluding cost of film, developing and printing), per specimen	90.00

d. Developing and printing, per print 175.00
e. Detailed paleoecologic and paleoenvironmental reconstructions based on morphometric variation, faunal associations/assemblages, habitat, sediment preferences, trophic grouping, diversity and bathymetric gradient, per sample) 460.00

4.7.4 Photomicrography (exclusive of cost of film developing and printing)
a. Thin section, per exposure 60.00
b. Whole specimen, three exposures for three positions 300.00

4.8 Petrochemistry Laboratory Unit

4.8.1 Chemical analysis of rocks, minerals, soils, stream sediments and similar materials

a. Minor and trace element analysis, after partial decomposition

- Flame atomic absorption spectrometry

= Using aqua regia, hydrochloric acid and nitric acid digestion methods

Element	Detection Limit (ppm)	
Ag	1	100.00 (first element) 40.00 (each additional element)
Cd	1	
Co	3	
Cu	2	
Fe	50	
Mn	50	
Ni	3	
Pb	10	
Zn	2	
Mo	2	100.00
Mo (with organic extraction)	0.4.....	250.00

= Using hydride and vapor generation method

Element	Detection Limit (ppm)	
As	1	300.00
Bi	0.1.....	300.00
Sb	0.1.....	300.00

= Using acidic fusion method

Element	Detection Limit (ppm)	
Cr	100	135.00 (first element) 110.00 (each additional element)
Li	10	
Ni	10	

= Using NH_4I fusion method

Element	Detection Limit (ppm)	
Sn	1	330.00

= Using cold extraction method

Element	Detection Limit (ppm)	
Cu	20	100.00 (first element) 70.00 (each additional element)
Pb	40	
Zn	20	

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- Graphite furnace atomic absorption spectrometry
  = Using organic extraction method

Element	Detection Limit (ppm)	
Ag	0.1	540.00 (first element)
Cd	0.1	
Se	0.2	1,300.00 (all 5 elements)
Te	0.1	
Tl	0.1	

- Colorimetry, using dithiol method

Element	Detection Limit (ppm)	
W	4	330.00

b. Major, minor and trace element analysis, after total decomposition (whole rock analysis)
   - Flame atomic absorption spectrometry
     = Complete silicate analysis

Oxide	
SiO_2	250.00
Al_2O_3	250.00
TiO_2	250.00
Fe_2O_3 (total)	250.00
MnO	250.00
MgO	250.00
CaO	250.00
Na_2O	250.00
K_2O	250.00
FeO	300.00
P_2O_5	250.00
LOI	100.00
H_2O^-	100.00
H_2O^+	215.00
all of the above (except FeO and H_2O^+)	2,000.00

     = Minor and trace element analysis
       = Using hydrofluoric and perchloric acid digestion methods

Element	Detection Limit (ppm)	
Ag	1	300.00
Ba	25	300.00
Be	1	300.00
Cd	10	300.00
Co	5	300.00
Cr	5	300.00
Cu	2	300.00
Ni	10	300.00
Mo	10	300.00
Pb	10	300.00
Rb	10	300.00
Sr	21	300.00
V	10	300.00
Zn	2	300.00

       = Using hydride and vapor generation method

Element	Detection Limit (ppm)	
As	1	300.00
Bi	0.1	300.00
Sb	0.1	300.00
Hg	0.1	400.00

= Using MIBK extraction method

Element	Detection Limit (ppm)	
Au	0.02	500.00
Ga	0.02	500.00
Pt	(qualitative)..	500.00

- Graphite furnace atomic absorption spectrometry
  = Using organic extraction method

Element	Detection limit (ppm)	
Au	0.001	750.00
Pd	0.002	750.00
Te	0.1	750.00
Tl	0.1	750.00
Se	0.2	750.00

  = Using fire assaying method

Element	Detection limit (ppm)	
Au	0.002	1,500.00
Pt	0.005	2,000.00

c. Mercury analysis by direct measurement using AMA 254 machine

Element	Detection Limit (ppm)	
Hg	0.002	700.00

4.8.2 Chemical analysis of ground and surface water

a. Major cation and anion analysis
- Flame atomic absorption spectrometry

Ion	
Na	220.00
K	220.00
Mg	220.00
Ca	220.00
Si	220.00

- Wet chemical method

Ion	
SO_4^{-2}	220.00
HCO_3^-	220.00
Cl^-	220.00

- Ion selective electrode method

Ion	
F^-	240.00
I^-	240.00
CN^- (total, after distillation)	1,100.00
CN (toxic or free)	500.00

- Spectrophotometry

Ion	
NO_3^-	250.00
HPO_4^{-2}	250.00
CN	1,500.00

b. Water quality determination

Parameter	
pH	120.00
Total dissolved solids (1.2µm)	200.00
Total dissolved solids (0.45µm)	400.00
Total suspended solids	200.00
Total solids	200.00
Total hardness	250.00
Total alkalinity	250.00
Total acidity	250.00
Turbidity (NTU)	220.00
Siltation test	100.00
Color	300.00
Dissolved oxygen	400.00

c. Trace element analysis using atomic absorption spectrophotometry

Element	Detection Limit (mg/L)		
Ag	0.05	.....	200.00
Ag	0.002	.....	240.00
Ag	0.0002	.....	400.00
As	0.005	.....	300.00
Al	1.0	.....	220.00
Au	0.005	.....	370.00
Ba	1.0	.....	200.00
Be	0.02	.....	200.00
Bi		.....	200.00
Cd	0.02	.....	200.00
Cd	0.002	.....	240.00
Cd	0.0002	.....	410.00
Co	0.05	.....	200.00
Cr	0.05	.....	240.00
Cu	0.02	.....	200.00
Fe	0.05	.....	200.00
Li	0.01	.....	200.00
Mn	0.03	.....	200.00
Mo	10.0	.....	220.00
Mo	0.01	.....	410.00
Ni	0.05	.....	200.00
Pb	0.2	.....	200.00
Pb	0.005	.....	240.00
Pb	0.0005	.....	410.00
Rb	5.0	.....	200.00
Se		.....	410.00
Sb		.....	300.00
Sr		.....	200.00
Te		.....	410.00
V	1.0	.....	220.00
Zn	0.1	.....	200.00

Discount rates:

15 elements per sample	10%
22 elements per sample	15%
44 elements per sample	30%

d. Mercury analysis by direct measurement using AMA 254 machine

Element	Detection Limit (ppm)	
Hg	0.002	700.00

5.0 METALLURGICAL TESTS, FIRE ASSAY AND CHEMICAL ANALYSIS

5.1 Metallurgical Tests on Ores, Minerals, Mill or Industrial Plant By-Products, etc. (Note: A maximum of fifty (50) kilograms may be accepted for testing)

5.1.1 Sample Preparation

a. Crushing

First 5-kg sample	210.00
For each additional 1 kg.	20.00

b. Grinding

First 5-kg. sample	315.00
For each additional 1 kg.	25.00

5.1.2 Particle Size Determination (using sieves)

a. Dry sample, coarse (coarser than 100-mesh) per fraction, per kg. 45.00

b. Dry sample, fine (150-mesh to 400-mesh) per fraction, per kg. 70.00

	c. Wet sample, coarse (coarser than 100 mesh) per fraction, per kg.	60.00
	d. Wet sample, fine (150-mesh to 400-mesh) per fraction, per kg	85.00
5.1.3.	Classification Test:	
	a. Air Classification, per test	250.00
	b. Hydroclassification, per test	360.00
	c. Sedimentation/Elutriation/Scrubbing, per test	140.00
	d. Sedimentation/Elutriation/Scrubbing, per test (with chemical reagents)	175.00
5.1.4	Gravity Concentration Test	
	a. Heavy Media Separation, per specific gravity, per test	385.00
	b. Jigging, per test	360.00
	c. Tabling, per test	360.00
5.1.5	Flotation	
	a. Bulk Flotation, per test	420.00
	b. Differential Flotation, per test	735.00
5.1.6	Magnetic Separation	
	a. Dry, per test	210.00
	b. Wet, per test	315.00
5.1.7	Leaching	
	a. Cyanidation, per test	1,500.00
	b. Percolation leaching, per test	950.00
	c. Acid curing/agitation leaching, per test ...	630.00
	d. Leaching – precipitation – flotation, per test.	1,250.00
5.1.8	Amalgamation, per test.	950.00
5.1.9	Calcination	
	a. up to 800°C	
	- one sample only	650.00
	- 2 or more samples, per sample	530.00
	b. up to 1050°C	
	- one sample only	735.00
	- 2 or more samples, per sample	630.00
5.1.10	Roasting/Sintering	
	a. Using Electric Furnace (batch),	
	- one sample only	630.00
	- 2 or more samples, per sample	530.00
	b. Using small rotary kiln (continuous), per test	850.00
5.1.11	Chiddy Method (Sponge), per test	850.00
5.1.12	Smelting, per test	1,500.00
5.1.13	Pelletizing	
	a. Using pelletizing drum (batch), per test ...	320.00
	b. Using pelletizing disc (continuous), per test.	530.00
5.1.14	Work Grindability Index	1,890.00
5.1.15	Swelling Test (Bentonite)	90.00
5.1.16	Oil Bleaching	100.00
5.1.17	Acid/Sodium Activation	460.00
5.1.18	Cation Exchange Capacity	250.00
5.1.19	Settling Rate	90.00
5.1.20	Recovery of Chrysotile Asbestos, per kg.	740.00
5.1.21	Specific Gravity	
	a. Apparent	90.00
	b. Bulk Density	90.00

Note: The Metallurgical Laboratory is also accepting samples for pilot testing on flotation, classification, roasting & magnetic separation (dry). Charges will be estimated for each case and job performed on contractual basis.

5.2. Fire Assay

Ore samples submitted for fire assays should weigh at least one (1) kilogram. Bullion drillings in excess of three (3) grams shall be returned to the owner upon request.

5.2.1	Gold or silver in ores, sands or concentrates, per sample	350.00	
5.2.2	Gold & silver in ores, sands or concentrates, per sample	590.00	
5.2.3	Fineness determination for gold, in bullion or alloys, per sample	1,200.00	
5.2.4	Fineness determination for silver, in bullion or alloys, per sample	800.00	
5.2.5	Fineness determination for gold and silver in bullions, per sample	1,440.00	
5.2.6	Certification of weight of gold or silver bullion	160.00	
5.2.7	Preparation for Gold and Silver Assaying (as additional charges for every analysis		
	a. Drying		
	- First 1-kg sample or less	30.00	
	- For each additional 1-kg.	5.00	
	b. Crushing		
	- First 1-kg sample or less	30.00	
	- For each additional 1-kg.	5.00	
	c. Grinding		
	- First 1-kg sample or less	35.00	
	- For each additional 1-kg.	5.00	

5.3 Chemical Analysis

5.3.1 Wet Assays

Aluminum (from Silicates)	165.00	
Alumina (from Chromium and Manganese ores).	250.00	
Antimony	250.00	
Barium	250.00	
Bismuth	250.00	
Calcium	165.00	
Available Lime	200.00	
Chloride	250.00	
Chromium (Peroxide fusion)	540.00	
Chromium (Perchloric acid digestion)	300.00	
Cobalt	300.00	
Copper	250.00	
Iron (Total, from silicates	250.00	
Iron (Total, from chromium and manganese ores)	165.00	
Iron (Metallic, Fe^{O})	300.00	
Iron (Ferrous, Fe^{++})	250.00	
Iron (Ferric, Fe^{+++})	500.00	
Lead	300.00	
Magnesium	165.00	
Manganese	200.00	
Molybdenum	300.00	
Nickel	300.00	
Phosphorous (Total)	250.00	
P_2O_5, Water Soluble	250.00	
P_2O_5, Citrate Insoluble	250.00	
Phosphorus (Available)	500.00	
Phosphorus (Citrate Soluble)	750.00	
Potassium	250.00	100(AA)
Silica	250.00	
Free Silica	250.00	
Insolubles	150.00	
Sodium	250.00	100(AA)
Sulfur (Free)	250.00	

	Sulfur (Total)	250.00
	Sulfur (Combined)	250.00
	Sulfur (Sulfate)	250.00
	Sulfur (Sulfide or Pyritic)	500.00
	Tin	250.00
	Titanium	250.00
	Zinc	300.00
5.3.2	Analysis by Atomic Absorption Spectrophotometry of Solid/Sediment Samples - By Acid Digestion	
	Cadmium	300.00
	Chromium	300.00
	Copper	300.00
	Iron	300.00
	Lead	300.00
	Manganese	300.00
	Nickel	300.00
	Zinc	300.00
5.3.3	Analysis of Water	
	Dissolved Oxygen	120.00
	Bicarbonate (HCO_3^{-1})	220.00
	Carbonate (CO_3^{-2})	220.00
	Total Solids	200.00
	Total Dissolved solids	200.00
	Total Suspended solids	400.00
	Total Acidity	250.00
	Total Alkalinity	250.00
	Total Hardness	250.00
	Sulfate	220.00
	Chloride	220.00
	Silicon	220.00
	Calcium	220.00
	Magnesium	220.00
	Chromium	240.00
	Metals (Cd, Cu, Fe, K, Mn, Na, Pb, Zn, Ni) Note: per element	200.00
5.3.4	Miscellaneous Determinations	
	pH	120.00
	Moisture (H_2O^-), at 105°C	100.00
	Moisture as Received	200.00
	Moisture (H_2O^+), Combined	200.00
	Loss on Ignition	100.00
	True Specific Gravity	120.00

5.4	Sample Preparation for Chemical Analysis (at least one (1)-kilogram sample required)	
5.4.1	Ore/Rock (Crushing, Grinding, Sieving)	150.00
5.4.2	Crushed Ore/Rock (Grinding, Sieving)	130.00
5.4.3	Pulp (Sieving)	50.00

6.0 MARINE GEOPHYSICAL AND GEOLOGICAL INVESTIGATION AND VERIFICATION

6.1	Marine Geophysical Survey	
6.1.1	Echo sounder, per km.	1,200.00
6.1.2	Survey Vessel (RPS Explorer)	
	a. Mobilization/demobilization, per day	76,000.00
	b. Actual survey, per day (maximum of 12 hours per day)	36,000.00
6.2	Marine Geological Survey	
6.2.1	Piston Coring, per sample	1,600.00
6.2.2	Grab Sampling, per sample	800.00

Note: Cost of survey includes use of positioning instrument (GPS), but excluding cost of fuel

6.3 For Geophysical Services

		Man/Day Rate	Total Daily Rate
6.3.1	Induced Polarization	2,500.00	17,500.00
6.3.2	Resistivity Survey.....	2,500.00	17,500.00
6.3.3	Self Potential		
	a. Vertical Loop	2,500.00	17,500.00
	b. Potable Soil	2,500.00	17,500.00
6.3.4	Seismic Surveys		
	a. 12-Channel (refraction).....	3,200.00	22,400.00
	b. 12-Channel (reflection).....	3,200.00	22,400.00
6.3.5	Magnetics		
	a. Precision Type.....	2,300.00	16,100.00
	b. Fluxgate	2,500.00	17,500.00

Note: In addition to the Fees and Charges under **Item 6.3**, the applicant or interested party shall shoulder the transportation of MGB personnel from official station to the area and return, as well as the expenses for freight, labor, materials and analysis of the samples.

6.4 Geophysical/geological data processing and data analysis/interpretation
- a. Echo Sounder Data ..... 500.00/line km.
- b. Side-Scan Sonar Data ..... 500.00/line km.
- c. Seismic Data ..... 1,000.00/line km.

6.5 Coastal/Marine sampling involving physico-chemical and oceanographic measurements (water quality, water temperature, currents, waves, bottom sediments, etc.)..... 800.00/sampling station

6.6 Technical review and evaluation of technical reports and/or scientific documents by MGB, as requested, and the preparation of a corresponding technical evaluation report...12,000.00/review

6.7 Underwater still photography, up to 30-meter water depth, thru SCUBA diving ..... 10,000.00/12 scene/site* (*excluding per diems and travel expenses for personnel and transportation cost for equipment)

7.0 MGB FORMS (P5.00/page)

No. 5-1 Application for Exploration Permit
No. 5-2 Exploration Permit
No. 5-3 Outline Project Feasibility Study
No. 5-4 Exploration Work Program
No. 6-1 Application for Mineral Agreement
No. 6-2 Three-year Work Program
Mineral Agreement Proforma Contract
No. 7-1 Application for Financial or Technical Assistance Agreement
No. 8-1 Application for Industrial Sand and Gravel Permit - (MGB)
No. 8-1A Application for Industrial Sand and Gravel (LGU)
No. 8-2 Industrial Sand and Gravel Permit (MGB)
No. 8-2A Industrial Sand and Gravel Permit (LGU)
No. 8-3 Quarry or Sand and Gravel Permit Application
No. 8-3A Commercial Permit Application
No. 8-4 Quarry or Sand and Gravel Permit
No. 8-4A Commercial Sand and Gravel Permit
No. 8-4B Exclusive Sand and Gravel Permit
No. 8-5 Application for Guano Permit
No. 8-6 Application for Gemstone Gathering Permit
No. 8-7 Gemstone Gathering Permit

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No. 11-1	Mineral Processing Permit
No. 11-2	Application for Mineral Processing Permit
No. 12-1	Ore Transport Permit
No. 12-2	Sworn Statement of the Apprehending Officer
No. 12-3	Affidavit of Witness
No. 13-1	Application for Accreditation of Traders, Dealers and Retailers in the Trading of Minerals/Mineral Products and By-Products
No. 13-2	Certificate of Accreditation of Traders, Dealers and Retailers in the Trading of Minerals/Mineral Products and By-Products
No. 15-1	Permanent Safety Engineer's Permit
No. 15-2	Temporary Safety Engineer's Permit
No. 15-3	Permanent Safety Inspector's Permit
No. 15-4	Monthly Employer's Report of Accident or Sickness
No. 15-5	Monthly General Accident Report
No. 15-6	License to Possess Explosives
No. 15-7	Monthly Report of Explosive Transactions
No. 15-8	Explosives and Accessories Consumption Report
No. 16-1	Environmental Work Program
No. 16-1A	Environmental Work Program for Offshore
No. 16-2	Environmental Protection and Enhancement Program
No. 16-3	Annual Environmental Protection and Enhancement Program Outline (AEPEPO)
No. 18-1	Semi-Annual Report on Mine Waste and Mill Tailings
No. 18-2	Application for Compensation for Damages
No. 25-1	Application for Order of Survey
No. 25-2	Order of Survey
No. 25-3	Survey Plan (21+17 CM)
No. 25-4	Field Notes
No. 25-5	Azimuth Computations from Astronomical Observations
No. 25-6	Topographic Survey Computations
No. 25-7	Traverse Computations
No. 25-8	Area Computations
No. 25-9	Coordinate Conversion - Geographic to Grid
No. 25-10	Coordinate Conversion - Grid to Geographic
No. 29-1	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (GOLD)
No. 29-2	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (COPPER)
No. 29-3	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (METALLURGICAL CHROMITE)
No. 29-4	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (REFRACTORY CHROMITE)
No. 29-5	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (NICKEL)
No. 29-6	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (IRON)
No. 29-7	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (MANGANESE)
No. 29-8	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (LEAD)
No. 29-9	Monthly Report on Production, Sales and Inventory of Metallic Minerals and Employment (ZINC)
No. 29-10	Quarterly Report on Production, Sales and Inventory of Non-Metallic Minerals and Employment
No. 29-11	Quarterly Report on Production, Sales and Inventory of Quarry Resources (Except Sand and Gravel) and Employment
No. 29-12	Monthly Report on Production, Sales and Inventory of Industrial Sand and Gravel and Employment
No. 29-13	Monthly Report on Production, Sales and Inventory of Commercial Sand and Gravel and Employment
No. 29-14	Monthly Report on Production and Sales of Small-Scale Metallic Mines and Employment

No. 29-15 Quarterly Report on Production and Sales of Small-Scale Gold
No. 29-16 Integrated Annual Report
No. 29-17 Integrated Annual Report for Small-Scale Mines
No. 29-18 Quarterly Energy Consumption Report
No. 29-19 Annual Mineral Reserve/Resource Inventory Report for Mineral Agreement and FTAA
No. 29-20 Quarterly Report on Production, Sales and Inventory of SSM within Mineral Reservation

8.0 PUBLICATIONS

8.1	Technical Information Series	100.00
8.2	UNDP Technical Reports	200.00
8.3	MGB Technical Reports	100.00
8.4	MGB Information Circular (IC)	100.00
8.5	MGB Report of Investigation (RI)	100.00
8.6	Books and Other Publications	
	a. Manual on Standard Analytical Procedure of the Mines And Geosciences Bureau Laboratories (Revised Edition)	500.00
	b. Annual Directory of Operating Mines and Quarries for CY 2001 and later years (in floppy or compact disk)	250.00
8.7	MGB Maps and Geological Bibliography	
	a. Geological Quadrangle Maps 1:50,000 scale	
	- CD (BITMAP	500.00
	- CD (DXF)	500.00
	- Printed Maps	500.00
	Reproducible	500.00
	b. Geohazard Maps 1:50,000 scale	
	- Power Point and PDF Files	500.00
	c. Geochemical Atlas Maps 1:50,000 scale	
	- BITMAP	500.00
	d. Geological Map of the Philippines	
	- 1:1,000,000 scale BITMAP	500.00
	e. Limestone Deposits of the Philippines	
	- BITMAP	500.00
	f. Geological Bibliography (Published and Unpublished Reports) PD File	500.00
	g. Mineral Gazette	5.00/page
	h. Philippine Mining Act of 1995 and its Revised Implementing Rules and Regulations	250.00
	i. Proceedings of the 1991 Annual Mines and Geosciences Technical Seminar	125.00

All existing orders, rules and regulations, memorandum circulars, directives or part thereof, contrary or inconsistent with the provisions of this Administrative Order, is hereby repealed, amended and/or modified accordingly.

This Order shall take effect fifteen (15) days after its complete publication in a newspaper of general circulation and fifteen (15) days after registration with the Office of the National Administrative Register.

MICHAEL T. DEFENSOR
Secretary

Published: The Manila Times
April 29, 2005