DENR Administrative Order No. 2000 – 71 October 09, 2000

> SUBJECT : Standard Costs and Fees 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) and Special Mines Permit (SMP), including Mining Lease Contract (MLC): **1.1.1** Filing Fee 10.00/Hectare but not less than 3,000.00/Application **1.1.2** Clearance Fee 1,000.00/ Application **1.1.3** Registration Fee for EP, MA, FTAA, TEP or SMP 1,000.00/Permit/ Contract **1.1.4** Occupation Fee (For EP, MA FTAA, TEP, SMP including MLC) a. For areas within Mineral Reservation 100.00/Hectare b. For Non-Mineral Reservation 50.00/Hectare Areas
 - 1.1.5 Conversion Fee

		a.	Approved Contract/Permit	
			(from MA to FTAA/vice	
			versa or EP to MA/FTAA)	
			100.00/Hectare	
		b.	Mining Application (from	
			One form of mining right	
			Application to another, e.g.,	
			Application for EP to MA)	5.000.00/Conversion
	1.1.6	Tra	nsfer/Assignment Fee	- ,
	11110	а а	Approved Contract/Permit	10.00/Hectare
		h.	Application for EP_MA or	10.00/11000010
		0.	FTAA	5.00/Hectare
	1.1.7	Eva	aluation of Feasibility Study	
	1.1.,	Rei	oort	10.000.00/Study
		1		Report
	1.1.8	Am	nendment of EP. MA or FTAA	
	11110	An	plication (except reduction in	
		An	plied area)	10.000.00/Application
	1.1.9	Red	uest for Evaluation of EPEP	5 000 00/EPEP
1	1110	Red	uest for Certificate of	5,000.00/E1 E1
1		Fny	vironmental Management	
		An	d Community Relations	
		Tra	a Community Relations	
		1.0	00 00/Certificate	
1	1 11	An	plication for Amendment of	
1		Co	MA/FTAA	10 000 00/Contract
	Note	• E	ach of the above charges shall	10,000.00/ Conduct
	he sul	niec	t to PD 1856 as amended	20.00
	UC Su	Jee		20.00
12	Annli	cati	on for/Approved Industrial and	l
1.4	Grave	el ar	d Other Mining Permits Under	•
	MGR	Inr	isdiction	
	1 2 1	F	iling Fee	
	1,4,1	T	11111g 1 00	2.000.00/Application
	1 2 2	Q	egistration Fee	1 000 00/Permit
	1 7 2	יו ק	Pequest for Evaluation of FDFD	5 000 00/EPEP
	1.2.J	r C	Valuation of Evaluation of EFEF	5,000.00/L1 L1
	1.2.4	C		$1.000.00/\Delta$ pplication
				r,000.00/Application

1.2.5 Renewal Fee	1,000.00/Permit
Note: Each of the above charges	
shall be subject to PD 1856, as amende	d 20.00
1.3 Application for Small-Scale Mining Pern	nit
1.3.1 Filing Fee	2,000.00/Application
P.D. 1856, as amended	20.00
1.4 Application for Mineral Processing Pern	nit
1.4.1 Filing Fee	5,000.00/Application
1.4.2 Renewal Fee	2,000.00/Permit
Note: Each of the above charges shall	be
subject to PD 1856, as amended	20.00
1.5 Application for Ore Transport Permit	
1.5.1 Application Fee	100.00/Application
1.5.2 Verification Fee	5,000.00/Verification
Note: Each of the above charges shall	be
Subject to PD 1856, as amended	20.00
1.6 Application for Accreditation of Traders Dealers and Retailers in the Trading o Mineral Products/By-Products	s, f
1.6.1 Filing Fee	5,000.00/Application
1.6.2 Renewal Fee	2,500.00/Renewal
Note: Each of the above charges shall	be
Subject to PD 1856, as amended	20.00
1.7 Registration of Miscellaneous an	d
1.7.1 Power of Attorney	200.00/Power of
	200.00/10wci 01
1 7 2 Other Forms of Assignments/	
Transfer	1 000 00/Assignment
	Or Transfer
1.7.3 All other Instruments Affecting	
Mining Rights	1 000 00/Instrument
1.7.4 Letter-Request for Certification	50.00/Certification
1.7.4 Request for Certified True/	

	Xerox Copy	40.00/Document
		Plus 5.00/Page
	Note: Each of the above charges shall	be
	Subject to PD 1856, as amended	20.00
1.8	Docketing Charges with the Panel of	
	Arbitrators/Mines Adjudication Board	
	1.8.1 For Filing Ordinary Protest,	
	Adverse Claim, Opposition	
	or any other Petitions	2,000.00/Protest, etc.
	1.8.2 For filing Protest coupled with	, , ,
	Damages	10% of the total
	C C	damage claimed
		shall be the basis
		for the docket fee
	1.8.3 For Filing Counter-Claim, Counter	•
	Counter-Protest or Counter-	
	Opposition	2,000.00/Counter-Claim,
		Counter- Protest, etc.
	1.8.4 For Filing Counter-Claim, Counter	:-
	Protest or Counter-Opposition cou	ipled
	with Damages	10% of the total damage
	-	claimed shall be the
		basis for the docket fee
	1.8.5 Intervenor's Fee	2,000.00/Intervenor
	1.8.6 Appeal Fee	2,000.00/Appeal
	Note: Each of the above charges shall	be
	the subject to PD 1856, as amend	ed 20.00
1 0	Docketing Charges with MGB	
1.7	1.9.1 For Filing an Action with MGB	
	Regional Office	5 000 00/Application
	1.0.2 For Filing an Appeal	2,000.00/Application 2,000.00/Application
	Note: Each of the above charges shall	2,000.00/Appear
	Subject to PD 1856, as amende	d 20.00
	Subject to FD 1650, as allellue	u 20.00
1.10	Application for Survey Order, Verification	on of
	Survey Returns and Field Verification S	urvey
	of Approved/Proposed Mining/Contract	/

Permit Areas				
1.10.1Application for Survey Order				
а.	Processing Fee 60.00/block or			
	81 hectares plus 25.00 for the			
	succeeding blocks or a fraction thereof			
P.D. 1856	20.00			
b.	Projection Fee 120.00 for the			
	first 100 hectares, plus 25.00 for the			
	succeeding 100 hectares or a fraction			
	thereof			
с.	Filing Fee 120.00/Application			
P.D. 1856	20.00			
d.	Surety Bond 10.00/hectares but			
	not less than 500.00			
1.10.2 Verification of Su	rvev Returns			
a Application F	Fee 300.00/Application			
b Processing o	f prescribe			
original and	duplicate			
Computation	a Sheets of not			
more than 1	5 stations per			
sheet	6 00/Set			
c Processing o	f resubmitted			
(new set) orig	ginal and dunlicate			
Computation	Sheets (w/ cor			
rootion) of n	streets (w/ col-			
stations per s	baat and/or addi			
tional survey	roturns with			
fieldnotos an	d/or			
	1/01 6.00/Now Set provided			
computation	that the minimum charge			
	shall be 250.00 for the			
	first maximum to 1 miles			
	400.00 for accurate -1			
	400.00 for every sub-			
	sequent resubmittai.			
	····· C·······			

1.10.3 Perimeter Boundary Survey a. Application for/Approved

	MA/FTAA	30,000.00/Line km.
	b. Application for Appr	oved
	Small Scale Mining	
	Permit/Contract	3,000.00/Hectare for the first 5
		hectares, plus 1,000 for the
		succeeding hectares or fraction
		thereof
	c. Application for/Appr	oved
	other Mining Permit	S
	(e.g. Sand and Grave	el
	Permits)	3,000.00/Hectare
1.10.4	Tie Line Survey	15,000.00/Kilometer

In addition to the above charges, the applicant or interested party shall pay for the transportation of MGB personnel from official station to the area and return and other incidental expenses incurred. The precision of survey control shall be in accordance with the Land Surveys Manual of the Philippines.

1.11	Evaluation of Mining Projects of Companies Applying for					
	Registration/Licensing of Securities					
	as referred by the Securities and	1				
	Exchange Commission	2,000.00/Application				
1.12	Application for Explosives and					
	Other Permits					
	1.12.1License to Possess					
	Explosives-Purchaser's	300.00/Application				
	1.12.2Amendment to License					
	to Possess Explosives	300.00/Application				
	1.12.3Purchase/Transfer/Import					
	Explosives	125.00/Application				
	1.12.4License to Possess					
	Explosives- Foreman's	300.00/Application				
	1.12.5Temporary Safety					
	Inspector's Permit					
	(including renewal)	300.00/Application				
	\sim \sim \sim \sim					

1.12.6Temporary Safety	
Engineer's Permit	
(including renewal)	300.00/Application
1.12.7Permanent Safety	
Inspector's Permit	
(including renewal)	300.00/Application
1.12.8Permanent Safety	
Engineer's Permit	
(including renewal)	
300.00/Application	
1.12.9 Alien's Local Employment	2,500.00/Application
1.12.10 Electrical Wiring Installation	150.00/Application
1.12.11 Machinery Installation 150.0	00/Application
1.12.12 Mine, Quarry and Mill Permits	180.00/Application
2.0 GEOLOGICAL/MINING INVEST	TIGATION AND

2.0 GEOLOGICAL/MINING INVESTIGATION AND VERIFICATION AND OTHER RELATED SERVICES

2.1	Geological, Geochemical or Geophysical			
	Investigation	2,000.00/man/day		
		provided	that	the
		minimum	charge	is
		6,000.00		
2.2	Verification/Evaluation of Applied or			
	Mining Contract/Permit Area	1,200.00/ma	.n/day	
		provided	that	the
		minimum	charge	is
		3,600.00		
2.3	Verification/Field Investigation of			
	Mining Conflicts or Other Boundary			
	Survey	1,200.00/ma	n/day	
		provided	that	the
		minimum	charge	is
		3,600.00		
2.4	Verification of Ore Stockpile and			

	Umpiring of Ore Shipment	1,200.00/man/da	ıy prov ım charo	ided
		3 600 00		C 15
2.5	Verification/Field Investigation of	5,000.00		
	Mineral Processing Plant	1,200.00/ma	ın/day	
	-	provided	that	the
		minimum	charge	is
		3,600.00	C	
2.6	Verification of Explosives	-		
	Magazines and Blasting Schemes	1,200.00/ma	ın/day	
		provided	that	the
		minimum	charge	is
		3,600.00	U	

In addition to the above charges, the applicant or interested party shall pay for the transportation of bureau personnel from official station to the area and return and other incidental expenses incurred therein.

2.7 Rock Mechanics Laboratory Services (subject to availability of equipment

2.7 1	Unconfined Compressive (rock ore)	
	Test	
	a. Without Strain Measurements	200.00
	b. With Strain Measurements	400.00
2.7.2	Discontinuity Shear Strength Test	
	(Rock Cores or Chunks of Size NX	K
	or 6 cm. X 6 cm.)	1,000.00
2.7.3	Triaxial Test	
	a. NX	1,000.00
	b. AX	1,000.00
2.7.4	Tensile (Brazilian) Test	200.00
2.7.5	Cutting	50.00/sq. Diameter

3.0 LEASE OF DRILLING EQUIPMENT

3.1 Mon	thly			
3.1.1	Dr	illing Machine		
	a.	X-Ray Drill		5,040.00
	1	т	1 1 ((0 4))	

b. Longyear Model "24"

		Wireline Drile	0,800.00
	c.	Longyear Model "24"	
		Conventional Drill	8,640.00
	d.	Longyear Model "34"	
		Wireline Drill	13,680.00
	e.	Longyear Model "34"	
		Conventional Drill	11,520.00
	f.	Longvear Model "38"	
		Wireline Drill w/	
		Automatic chuck	15,120.00
	g.	Longyear Model "44"	,
	υ	Wireline Drill w/	
		Automatic Chuck	17,280.00
3.1.2	Dri	ll Pumps	,
	a.	Longyear Model 315 Pt	ump 1,560.00
	b.	Longyear Model 535 Pu	ump 4,800.00
	c.	Longyear Model 520 Pu	ump 4,200.00
3.1.3	Dri	ll Rods	1
	a.	One (1) pc. AQ Rod, 1	0 ft. 120.00
	b.	One (1) pc. BQ Rod, 1	0 ft. 156.00
	c.	One (1) pc. NQ Rod, 1	0 ft. 180.00
	d.	One (1) pc. HQ Rod, 1	0 ft. 240.00
	e.	One (1) pc. AW Rod, 1	0 ft. 120.00
	f.	One (1) pc. BW Rod, 1	0 ft. 156.00
	g.	One (1) pc. NW Rod, 1	0 ft. 180.00
	h.	One (1) pc. HW Rod, 1	0 ft. 240.00
	i.	One (1) pc. EWL Rod,	10 ft.
		(smaller than AQ)) 96.00
	j.	One (1) pc. XRT Rod,	10 ft.
		(smaller than EW	L) 72.00
3.1.4	C	Casings	
	a.	One (1) pc. AW Casing	g, 10 ft.
		120.00	
	b.	One (1) pc. BW Casing	g, 10 ft. 156.00
	c.	One (1) pc. NW Casing	g, 10 ft.
		180.00	

		d. One (1) pc. HW Casing, 10 ft. 240.00	
		e. One (1) pc. EWL Casing, 10 ft.	96.00
		f. One (1) pc. RW Casing, 10 ft.	72.00
	3.1.5	Core Barrels	, 210 0
		a. One (1) pc. AQ Core Barrel, 10 ft.	1,000.00
		b. One (1) pc. 5BQ Core Barrel, 10 ft.	2,000.00
		c. One (1) pc. NQ Core Barrel, 10 ft.	3,500.00
		d. One (1) pc. HQ Core Barrel,	4,000.00
	3.1.6	Miscellaneous Accessories	
		a. One (1) set Tripod Sheave Wheel,	
		24" \emptyset with clevis and bolt	1,200.00
		b. One (1) set Tripod Sheave Wheel,	
		18" \emptyset with clevis and bolt	960.00
		c. One (1) pc. Heavy Duty Water	
		Swivel Assy. With lifting hail	600.00
		d. One (1) pc. Lifting Plug with rod	
		box adapter	240.00
		e. One (1) pc. Snatch Block, 6" \emptyset	120.00
		f. One (1) set BX Casing Clamp	120.00
		h. One (1) set HQ Safety Foot Clamp	
		Assy. Complete with clamp jaws	600.00
3.2	Bond		
	3.2.1	For X-Ray Drill, Pump and	
		Accessories	480,000.00
	3.2.2	For Longyear Model "24"	
		Conventional Drill, Pump and	
		Accessories	600,000.00
	3.2.3	For Longyear Model "24"	
		Wireline Drill, Pump and	
		Accessories	660,000.00
	3.2.4	For Longyear Model "34"	
		Conventional Drill, Pump and	
	• • -	Accessories	900,000.00
	3.2.5	For Longyear Model "34"	
		Wireline Drill, Pump and	

Accessories	960,000.00
3.2.6 For Longyear Model "38"	
Wireline Drill w/ Automatic	
Chuck, Pump and Accessorie	es 1,140,000.00
3.2.7 For Longyear Model "44"	
Wireline Drill w/ Automatic	
Chuck, Pump and Accessorie	es 1,800,000.00
3.2.8 For Additional Longyear 535	
Pump	
120,000.00	
3.2.9 For Additional Longyear 520	
RQ Pump	
108,000.00	
3.2.10 For Additional Longyear	
315 RQ Pump	60,000.00
3.3 Cash Deposits	
3.3.1 For X-Ray Drill, Pump and	
Accessories	24,000.00
3.3.2 For Longyear Model "24"	
Conventional Drill, Pump	
and Accessories	42,000.00
3.3.3 For Longyear Model "24"	
Wireline Drill, Pump and	
Accessories	48,000.00
3.3.4 For Longyear Model "34"	
Conventional Drill, Pump	
And Accessories	54,000.00
3.3.5 For Longyear Model "34"	
Wireline Drill, Pump and	
Accessories	60,000.00
3.3.6 For Longyear Model "38"	
Wireline Drill w/ Automatic	
Chuck, Pump and Accessorie	es 72,000.00
3.3.7 For Longyear Model "44"	,
Wireline Drill w/ Automatic	
Chuck, Pump and Accessorie	es 84,000.00
3.3.8 For Additional Longyear 535	

RQ Pump	12,000.00
3.3.9 For Additional Longyear 520	
RQ Pump	9,600.00
3.3.10 For Additional Longyear	
315 RQ Pump	7,200.00
3.3.11 For Demobilization of	
Drilling Equipment and	
Accessories	40,000.00

4.0 PETROLOGICAL, MINERALOGICAL, GEOCHRONO-LOGICAL AND OTHER RELATED SERVICES

			Fe	e per Sa	ample
4.1	Samp	le Pi	reparation and Gemology Unit		
	4.1.1	Roc	ck cutting and polishing		
		a.	Soft rocks (as soft as or softer th	an	
			Marble), per sq. dm. or a fraction		
			thereof		
			- cutting		150.00
			- polishing		200.00
		b.	Hard rocks (harder than marble),		
			Per sq. Dm. or a fraction thereof		
			- cutting		180.00
			- polishing		200.00
	4.1.2`	Thir	n section preparation		
		a.	unmounted rocks and minerals	350.00	
		b.	mounted rock and mineral grains		450.00
		c.	mounted cutting/ditch samples	450.00	
	4.1.3	Pol	ished-thin section preparation		
		a.	unmounted rocks and minerals	350.00	
		b.	mounted rocks and minerals		400.00
	4.1.4	Pol	ished-thin section preparation		
		a.	unmounted rocks and minerals	450.00	
		b.	mounted rocks and mineral grains	1	550.00
		c.	mounted cutting/ditch samples	550.00	
	4.1.5	Dou	ubly polished wafer preparation for	r	
		flui	d inclusion analysis		550.00

4.1.6	Sample preparation	(drying, crushing,				
	grinding, serving a	and splitting) of				
	geological materials	s for sedimento-				
	logical/mineralogical	analysis, per				
	kilogram or fraction	thereof				
	a. over drying		25.00			
	b. crushing using ja	w crusher	50.00			
	c. grinding using vil	orating disc mill	80.00			
	d. sieving	-				
	d.1 coarse (14-1	50 mesh)				
	- dry samp	ole	50.00			
	- wet sam	ple	60.00			
	d.2 fines (170-40	00 mesh)				
	- dry samp	ole	50.00			
	- wet sam	ple	60.00			
	d.3 splitting usin	g Jones riffle splitter	30.00			
4.1.7	Sample preparation (drying, crushing					
	and grinding up to 20	00 to -300 mesh) of				
	Geological materials	for x-ray bulk analysis	150.00			
4.1.8	Sample preparation (drying, crushing				
	and grinding sieving	and splitting) for				
	chemical analysis		150.00			
4.1.9	Sample preparation f	or paleontological				
	analysis					
	a. mounting		200.00			
	b. coring		200.00			
	c. grinding		200.00			
4.1.10	Sample preparation f	or paleontological				
	analysis					
	Microfossil Analysis					
	a. thin section		300.00			
	b. washing, per 200	grams	200.00			
	c. polished block (3	x 2 x 2 cm.)	300.00			
	d. chemical treatme	ent, washing and smear				
	slide preparation	for radiolarian analysis	500.00			
	Macrofossil Analysis	-				
	e. cleaning (per sar	nple)	100.00			
	f. repair (per specin	men)	20.00			

	g.	fossil reconstruction for broken	
		specimen, moulds and casts (per	
		specimen)	40.00
4.1.11	Ge	mstone preparation, per piece	
	a.	Preparation of cabochon with oval,	
		round triangle, square, pear and	
		four-sided forms	
		a.1 Mohs' hardness up to 7	
		- 7 to 18 mm. diameter	150.00
		- 19 to 32 mm. diameter	200.00
		a.2 Mohs' hardness between 7 and 9	
		- 7 to 18 mm. diameter	250.00
		- 19 to 32 mm. diameter	300.00
	b.	Preparation of cabochon with heart,	
		Clover, star, cross, hexagon, octagon,	
		and more than four-sided forms	
		b.1 Mohs' hardness up to 7	
		- 7 to 18 mm. diameter	200.00
		- 19 to 32 mm. diameter	250.00
		b.2 Mohs' hardness between 7 and 9	
		- 7 to 18 mm. diameter	300.00
		- 19 to 32 mm. diameter	350.00
	c.	Preparation of other shapes and forms	
		such as teardrop, half-moon, shark's	
		tooth, sphere, cone, cylinder, etc. for	
		materials with Mohs' hardness up to 7	
		- 7 to 18 mm. diameter	300.00
		- 19 to 32 mm. diameter	350.00
	d.	Faceting (64 index gear)	
		Standard brillian cut (round)	
		- with Mohs' hardness up to 7	350.00
		- with Mohs' hardness up to 7 & 9	400.00
		Brilliant oval cut, emerald cut	
		- with Mohs' hardness up to 7	300.00
		- with Mohs' hardness up to 7 & 9	500.00
	e.	Gemstone drilling	
		- first 10 mm.	30.00

		- per 1 mm. or a fraction thereof, in	
		excess of 10 mm	15.00
		f. Preparation of tumbled stones, per kg.	
		(minimum of three kg)	700.00
4.2	Mega	scopic/Microchemical Testing Laboratory	
	Unit		
	4.2.1	Megascopic description of minerals	
		including mineral name, color, streak,	
		form, hardness and uses/recommendation	
		for further analysis	250.00
	4.2.2	Megascopic description of rocks including	
		mineral composition, texture, rock name and	
		uses/recommendation for further analysis	250.00
	4.2.3	Qualitative microchemical test, per element	150.00
	4.2.4	Qualitative chemical stain test, per mineral	150.00
	4.2.5	Provision of rock and mineral collection	
		with identification, per set	120.00
4.3	Sedin	nentology/Clay Mineralogy Laboratory Unit	
	4.3.1	Sample preparation for grain size analysis	
		- dilution and chemical treatment with	
		sodium hexametaphosphate	500.00
		- pipetting	500.00
		- determination of weight loss	100.00
	4.3.2	Mineral separation per 100 gram sample	
		or a fraction thereof	
		- using hand magnet	150.00
		- using isodynamic magnetic separator	500.00
		- using heavy liquid medium, per mineral	1,000.00
	4.3.3	Grain size analysis	
		- wet sieving method of quantitative	
		determination of particlesize distribution	
		of soils/sediments down to fine sand size	300.00
		- hydrometer method of quantitative	
		determination of particle size distribution	
		of soil/sediment from coarse sand size	
		to clay size	400.00
	4.3.4	Identification and description of sediments	
		/detrital grains, with qualitatively estimated	

abundances

-	as received	1,500.00
-	grain mounted polished/thin section	1,000.00
4.3.5 Io	dentification and description of sediments/	
d	etrital grains, with quantitatively estimated	
a	bundances by point counting, per constituent	
g	rain	
-	as received	2,500.00
-	grain mounted polished/thin section	1,500.00
4.3.6 P	ermeability Test for Sediments and	
a	nd Soils (minimum of five trials)	1,200.00
4.3.7 P	roctor Compaction Test for	
S	ediments and Soils (minimum of	
F	ive trials)	900.00
4.3.8 E	Differential Thermal Analysis (DTA)	700.00
4.3.9 E	Determination of Liquid Limit by	
C	Cone Penetrometer Method	
-	for soil samples	300.00
-	for clay samples (unactivated)	600.00
-	for clay samples (activated 1-6%	
	$Na_2CO_3)$	3,000.00
4.3.10	Determination of Plastic Limit	
	- for soil samples	200.00
	- for clay samples (unactivated)	500.00
	- for clay samples (activated)	2,500.00
4.3.11	Determination of Plasticity Index)
	- for soil samples	500.00
	- for clay samples (unactivated)	1,000.00
	- for clay samples (activated)	4,500.00
4.3.12	Pyrometric Cone Equivalent (PCE)	,
	Test	400.00
4.3.13	Swelling Test	
	- unactivated	100.00
	- activated with 1-6% sodium carbonate	250.00
4.3.14	Oil Bleaching Test (inclusive of oil)	
	- unactivated	200.00
	- activated with 1-6% sodium carbonate	400.00

4.4	Petr	rogra	phy/Fluid Inclusion Laboratory Unit	
	4.4.1	Tł	in section analysis	
		a.	Standard petrographic description	
			including rock name, texture,	
			quantatively estimated mineral	
			abundances and interpretation of	
			alteration assemblages and/or	
		1	naragenesis	1.000.00
		b.	Mineral identification and rock name	1,000000
			only, with qualitatively estimated	
			Mineral abundances	700.00
		C.	Mineral identification only, with	,
		•••	quantitatively estimated mineral	
			abundances by point counting.	
		1	per mineral	900.00
		d.	Grain size determination only, per	200100
		.	Mineral	300.00
	4.4.2	Pc	lished section analysis	200.00
		a.	Standard petrographic description	
		u.	of ore minerals including textures.	
			quantitatively estimated mineral	
			abundances and interpretation of	
		1	naragenesis sequence	1 000 00
		h	Mineral identification only	1,000.00
		0.	with qualitatively estimated	
			Mineral abundances	900.00
		C	Mineral identification only with	200.00
		U .	quantitatively estimated mineral	
			abundances by point counting	
		1	ner mineral	300.00
		d	Grain size determination only per	300.00
		u.	Mineral	300.00
15	Fluid	Inclu	ision Laboratory Unit	300.00
4.5	1 5 1	Inciu	action of samples for presence of	
	4.3.1	fuid		100.00
	150	Dotr	agraphic description of fluid	100.00
	ч.Ј.∠	inch	usions including abundance size	
		chor	asions, including abundance, size,	250.00
		snap		<i>23</i> 0.00

	4.5.3	Meas	surement of homogenization	
		temp	peratures of as many inclusions as	
		pract	ical within the sample	1,500.00
	4.5.4	Meas	surement of freezing temperatures	
		of as	many inclusions as practical within	
		the s	ample (exclusive of cost of liquid	
		nitro	gen) for salinity determination 2,500.0	0
	4.5.5	Meas	surement of salt dissolution	
		temp	peratures of as many inclusions as	
		pract	ical within the sample for salinity	
		deter	mination	1,500.00
	4.5.6	Phote	omicrography (exclusive of costs of	
		film,	developing and printing), per exposure	50.00
4.6	X-Ra	y Lab	oratory Unit	
	4.6.1	X-Ra	ay diffraction (XRD) analysis	
		a. S	Sample preparation for orientation of	
		C	elay minerals	
		-	air drying	20.00
		-	heating	100.00
		-	glycolation	100.00
		b. 2	XRD scan $(2^{\circ}-41^{\circ})$ and qualitative	
		l	Mineral identification	
		-	$2^{\circ}2\emptyset$ to $41^{\circ}2\emptyset$	1,000.00
		-	in excess of 41°2Ø, per degree	20.00
	4.6.2	X-ra	y fluorescence (XRF) spectrometric	
		analy	/sis	
		a. S	Sample preparation	
		-	briquetting of powdered sample	50.00
		-	glass bead/fused sample preparation	150.00
		e. (Qualitative XRF analysis	
		-	using LIF analyzing crystal (scan	
			10° - 116°)	1,500.00
		-	using EDDT analyzing crystal	
			(scan 10° - 146°)	2,000.00
		c. (Quantitative XRF analysis, per element	(charge
			V	aries according
			to co	st of standards)
	4.6.3	Ele	ectron Probe Microanalysis (EPMA)	

		a.	Sample preparation, p	per section	
			- carbon coating		500.00
			- ion coating		(charge
			-	varies a	ccording to the
				cost of e	element to be
				used fo	r coating and
				surf	face area to be
			coated)		
		b.	Electron Microscopy/	Photography	
			- high magnification a	croview, back	
			scattered electron in	mage, secondary	
			electron beam imag	e, characteristic	
			x-ray, per photograp	oh, per element	2,000.00
			- per additional photo	graph of same	
			element		500.00
		c.	Line profile analysis		
			- per 10 mm line, per	element	2,500.00
		d.	Qualitative points ana	lysis	
			- per point, per eleme	ent	2,000.00
		e.	Quantitative point ana	lysis	
			- per point, per eleme	ent	2,500.00
4.7	Isotop	be L	aboratory Unit		
	4.7.1	140	e age determination	(charges	s subject to
				the discretion of	the Director)
	4.7.2	K	Ar age determination	(charges	s subject to
			C	the discretion of	the Director)
4.8	Paleo	mag	pnetic Laboratory Unit		
	4.8.1	Pal	eomagnetic analysis		
		a.	Demagnetizing (thern	nal	
			Alternating field		450.00
		b.	Magnetic declination		300.00
		c.	Magnetic inclination		300.00
		d.	Magnetic moment		300.00
		e.	Magnetic susceptibilit	У	300.00
		f.	North, east and vertic	al component	250.00

	g.	Bedding correction	250.00
	h.	Sample orientation correction	250.00
	i.	Virtual geomagnetic pole	350.00
Paleo	ntol	ogy Laboratory Unit	
4.9.1	Mic	crofossil analysis (Small & Large	
	For	aminefera)	
	a.	Standard paleontological analysis	
		of sedimentary rock samples,	
		including picking/isolation of	
		fossils, faunal identification and	
		listing, and age and paleoecology	
		determination	700.00
	b.	Quantitative paleontological	
		analysis, Small foraminefera	
		(pasnktic and benthic)	
		b.1 Sample preparation (per sample)	
		• Crushing, washing and drying	
		- loose, friable sample	150.00
		- semi-indurated, indurated	
		sample chemical treatment	
		with sodium hexameta-	
		phosphate, hydrogen	
		peroxide and/or borate	500.00
		• sieving	
		- fine fraction (45 um)	50.00
		- coarse fraction (250 um &	
		150 um)	50.00
		• splitting by aliquot method	
		using Otto microsplitter	
		(per sample)	50.00
		b.2 Quantitative analysis (per sample)	
		• picking (approximately 300	
		specimens)/isolation of samples	200.00
		• taxonomic/faunal identification	
		- genus level	50.00
		- species level	75.00

4.9

		 taxonomic/faunal listing 	
		b.3 Statistical analysis (per sample)	
		• Foraminefera	
		- small foraminefera	
		(planktic & benthic)	
		- species richness	50.00
		- species diversity & equitability	50.00
		- species dissolution susceptibility	50.00
		b.4 Systematic description (per species)	50.00
		b.5 Age	50.00
		b.6 Paleoecologic Interpretation	100.00
	c.	Photomicrography (exclusive of cost	
		of film, developing and printing)	
		c.1 Thin section, per exposure	50.00
		c.2 Whole specimen, three exposures	
		for three positions	200.00
4	.9.2 Ma	crofossil analysis	
	a.	Standard molluscan and other	
		macrofossil analysis, including	
		cleaning, faunal, identification, age	
		determination and paleoecologic	
		interpretation	700.00
	b.	Taxonomic identification and	
		Description	150.00
	с.	Photography internal, external and	
		side views (excluding cost of film	
		developing and printing)	75.00
	d.	Developing and printing	150.00
	e.	Detailed paleoecologic and paleo-	
		environmental reconstructions based	
		on morphometric variation, faunal	
		associations/assemblages, habitat,	
		sediment preferences, trophic	
		grouping, deiversity and	
		bathymetric gradient (per sample)	400.00
4.10	Petroch	nemistry Laboratory Unit	
	4.10 1	Geochemical Exploration Laboratory	
		unit- Chemical analysis of rocks,	

minerals, soils stream sediments and similar materials

- a. Minor and trace element analysis, after partial decomposition
 - a.1 Flame Atomic Absorption Spectrometry

•	Using aqu	ia regia,	hyo	dro-			
	cloric acid and nitric acid						
	digestion methods						
	Elements Detection Limit (ppm)						
	Ag	1)	80.00			
	Cd	1)	(first element)			
	Со	3)	30.00			
	Cu	2)	(each additional			
	Fe	50)	element)			
	Mn	50)				
	Ni	3)				
	Pb	10)				
	Zn	2)				
	Mo	2)	90.00			
	Mo (with	organic	,				
	Extra	ction) .	04) 200.00			
		,		, 			
•	Using hyd	lride and	d va	por			
	Generatio	n metho	bd	1			
	Element	Detect	ion	Limit (ppm)			
	As	1)	165.00			
	Bi	0.1	/	165.00			
	Sb	0.1		165.00			
	Hg	0.1		165.00			
•	Using aci	dic fusio	on n	nethod			
	Element	Detect	ion	Limit (ppm)			
	Cr	100)	110.00			
	Li	1)	(first element)			
	Ni	10	Ĵ	90.00			
		-	,	(each add. element)			
•	using NH	41 fisio	n m	ethod			

Element Detection Limit (ppm)

	Sn	1		270.00		
	• using cold	d extraction	n met	hod		
	Element	Element Detection Limit (ppm)				
	Cu	20)	80.00		
	Pb	40)	(first element)		
	Zn	20)	55.00		
			(ea	ch add. element)		
a.2	Graphite furn	ace atomic				
	aborption spe	ectrometry				
	• using org	anic extract	tion 1	nethod		
	Element	Detection	n Lir	<u>nit (ppm)</u>		
	Ag	0.1)		540.00		
	Cd	0.1)		(1 st element)		
	Se	0.2)		1,080.00		
	Te	0.1)	(all five element)		
	Tl	0.1)				
- 2	C-1- in the		1 4	1 1		
a.3	Calorimetry, l	Using alunio	I mei	nod		
	W			$\frac{\operatorname{IIII}(\operatorname{ppIII})}{270.00}$		
	vv	4		270.00		
a.4	Major, minor	and trace e	eleme	ent		
	analysis, after	total decor	mpos	sition		
	(whole rock a	nalysis), Fl	ame			
	Atomic Abso	rption Spec	ctron	netry		
	• complete	silicate ana	lysis			
	Oxide	<u>e</u>	·			
	SiO_2			165.00		
	Al_2O_3			165.00		
	TiO ₂			165.00		
	Fe_2O_3	Т		165.00		
	MnO			165.00		
	MgO			165.00		
	CaO			165.00		
	Na ₂ O			165.00		
	K ₂ O			165.00		
	FeO			165.00		
	P_2O_5			190.00		

LOI		60.00
H ₂ O-		60.00
H_2O+		142.00
All of the	above except	
FeO and	H_2O+	1,320.00
• minor and	trace element analysis	
- using hy	drofluoric and	
perchlor	ic acid digestion	
methods		
Element	Detection Limit (ppr	<u>n)</u>
Ag	1	250.00
Be	1	250.00
Cd	10	250.00
Co	5	250.00
Cr	5	250.00
Cu	2	250.00
Li	1	250.00
Ni	10	250.00
Mo	10	250.00
Pb	10	250.00
Rb	10	250.00
Zn	2	250.00
Ba	25	250.00
Sr	20	250.00
V	10	250.00
- using hu	dride and vapor	
generati	on method	
Element	Detection Limit (ppn	<u>1)</u>
As	1	250.00
Be	0.1	250.00
Sb	0.1	250.00
Hg	0.1	250.00
- using MIE	3K extraction method	
Element	Detection Limit (ppn	<u>n)</u>
Au	0.02	350.00
Ga	0.02	350.00
Pt	(quantitative)	400.00
a.5 Graphite Fun	rnace Atomic	

Absorption Spectrometry

• using orga	nic extraction meth	od
Element	Detection Limit	(ppm)
Au	0.001	500.00
Pd	0.002	500.00
Te	0.1	500.00
T1	0.1	500.00
Se	0.2	500.00

4.10.2 Water Quality Laboratory Unit Chemical analysis of ground and surface water

a. Major cation and anion analysis

a.1 Flame atomic absorption spec	trometry
lon	
Na	180.00
K	180.00
Mg	180.00
Ca	180.00
Si	180.00
a.2 Wet chemical methods	
lon	
SO_4^{-2}	180.00
HCO_3^{-1}	180.00
CL-	180.00
a.3 Ion selective electrode method	1
Ion	
$\overline{F^{-2}}$	200.00
I	200.00
CN ⁻ (total, after distillation)	910.00
CN^{-} (toxic, or free CN)	400.00
Spectrophotometry	
Ion	
NO_{3}^{-1}	200.00

b.	Spectrophotometry	
	Ion	
	NO_3^{-1}	200.00
	HPO_4^{-2}	200.00
c.	Water Property Determination	
	Parameter	

<u>р</u>Н 100.00

	Total diss	olved solids	150.00
	Total hare	lness	200.00
	Total alka	linity	200.00
	Total acid	ity	200.00
	Turbidity	(NTU)	200.00
	Total Silta	tion/Suspended solids	150.00
d.	Trace eler	nent analysis using Atomic	
	Absorptio	n Spectrophotometry	
	Element	Detection Limit (mg/L)	
	Ag	0.05	160.00
	Ag	0.002	200.00
	Ag	0.0002	340.00
	As	0.005	260.00
	Al	1.0	180.00
	Au	0.005	305.00
	Ba	1.0	160.00
	Be	0.02	160.00
	Bi		260.00
	Cd	0.02	160.00
	Cd	0.002	200.00
	Cd	0.0002	340.00
	Co	0.05	160.00
	Cr	0.05	200.00
	Cu	0.02	160.00
	Fe	0.05	160.00
	Hg	0.0001	260.00
	Li	0.01	160.00
	Mn	0.03	160.00
	Мо	10.0	180.00
	Мо	0.01	340.00
	Ni	0.05	160.00
	Pb	0.2	160.00
	Pb	0.005	200.00
	Pb	0.0005	340.00
	Rb	5.0	160.00
	Se		340.00
	Sb		260.00
	Sr		160.00

		Te				340.00
		V		1.0		
		180.00	0.1			1 (0,00
		Zn	0.1			160.00
		Discount 1	rates:			
		15 elemen	ts/sample			10%
		22 elemen	ts/sample			15%
		44 elemen	ts/sample			30%
FIRE	A	ASSAYS, M	[ETALLURG]	ICAL	TEST	AND
CHEMIO	CAI	L ANALYSIS				
5.1 Fire Sands Includ 5.1.1	or s or ling Fire assa (1) exc retu req a.	Wet Assay o Concentrates, Liquids or Solur e-Assays-Ore s ays should wei kilogram. Bu ess of three (3) urned to the uest. Gold or silver	of Rocks, Ore Bullions, Alloy tions samples for fir- igh at least one llion drillings in) grams shall be owner upon	s s e n e n		
		or concentrate	s, per sample		265.	.00
	b. с.	Gold & Silver or concentrate Fineness detern	in ores, sands s, per sample mination for		300.0	0
	d.	per sample Fineness determ	mination for		540.0	0
	e.	silver, in bullio per sample Fineness deter	n or alloys, mination for		360.0	0
	f	gold and silver alloys per samp	in bullion or ple f weight of gold		660.0	0
	1.	Or silver bullio	ns		90.0	00
5.1.2	We	t Assays (Per e	lement submit			

5.0

	at least one (1) kilo sample				
	a.	Aluminum		110.00	
	b.	Antimony		120.00	
	c.	Barium		120.00	
	d.	Bismuth		120.00	
	e.	Calcium		110.00	
	f.	Available Line		120.00	
	g.	Chlorine (as C1-)		120.00	
	h.	Chromium		450.00	
	i.	Cobalt		120.00	
	j.	Copper		110.00	
	k.	Iron (Total)		110.00	
	1.	Iron (Metallic, Fe°)		150.00	
	m.	Iron (Ferrous, Fe++)		150.00	
	n.	Iron (Ferric, Fe+++)		250.00	
	0.	Lead		120.00	
	p.	Magnesium		110.00	
	q.	Manganese		110.00	
	r.	Molybdenum		120.00	
	s.	Nickel		110.00	
	t.	Phosphorous		120.00	
		$P_2 O_5$, water soluble		120.00	
		$P_2 O_5$, Citrate soluble	120.00		
	u.	Potassium		100.00 (AA)	
	v.	Silica		120.00	
		Free Silica		120.00	
		Insolubles		80.00	
	w.	Sodium		100.00 (AA)	
	X.	Sulfur		110.00	
	y.	Tin		120.00	
	Z.	Titanium		110.00	
	aa.	Zinc		110.00	
5.1.3	Spe	cify Gravity			
	a.	True		80.00	
	b.	Apparent		50.00	
	c.	Bulk Density		50.00	
5.1.4	Mo	isture, oven dried (105°)		60.00	
5.1.5	Mo	isture, as received only	100.00		

	5.1.6	Co	ombined H_2O	90.00
	5.1.7	Lo	oss on Ignition	60.00
	5.1.8	De	etermination by Atomic Absorption	
		Sp	ectrophotometry and Flame Photometry	
		of	copper, iron, lead, manganese, sodium,	
		po	tassium, zinc, per element	100.00
5.2	Metal	llur	gical Tests on Ores, Minerals, Mill or	
	Indus	tria	l Plant By-Products, etc. (Note: A	
	maxii	nur	n of fifty (50) kilograms may be	
	accep	oted	for testing)	
	5.2.1	Sa	mple Preparation	
		a.	Crushing	
			a.1 First 5-kg sample	120.00
			a.2 For each additional 1 kg	10.00
		b.	Grinding	
			b.1 First 5-kg. Sample	180.00
			b.2 For each additional 1 kg	15.00
	5.2.2	Pa	rticle Size Determination (using sieves)	
		a.	Dry sample, coarse (coarser than	
			100-mesh) per fraction, per kilo	25.00
		b.	Dry sample, fine (150-mesh to	
			400 mesh) per fraction, per kilo	40.00
		c.	Wet sample, coarse (coarser than	
			100 mesh) per fraction, per kilo	35.00
		d.	Wet sample, fine (150 to 400 mesh)	
			per fraction, per kilo	50.00
	5.2.3	Cla	assification Test:	
		a.	Air Classification, per test	145.00
		b.	Hydroclassification, per test	205.00
		c.	Sedimentation/Elutriation/	
			Scrubbing, per test	80.00
		d.	Sedimentation/Elutriation/	
			Scrubbing, per test (with the use	
			of chemicals)	100.00
	5.2.4	Gr	avity Concentration Test	
		a.	Heavy Media Separation, per specific	
			Gravity, per test	220.00
		b.	Jigging, per test	205.00

c. Tabling, per test	205.00
Flotation	
a. Bulk Flotation, per test	240.00
b. Differential Flotation, per test	420.00
Magnetic Separation	
a. Dry, per test	120.00
b. Wet, per test	180.00
Leaching	
a. Cyanidation, per test	840.00
b. Percolation Leaching, per test	540.00
c. Acid Curing/Agitation Leaching	
per test	360.00
d. Leaching-Precipitation-Flotation,	
per test	720.00
Amalgamation, per test	540.00
Calcination	
a. up to 800°C,	
- one sample only	360.00
- 2 or more samples, per sample	300.00
b. up to 1050°C	
- one sample only	420.00
- 2 or more samples, per sample	360.00
Roasting/Sintering	
a. Using Electric Furnace (batch),	
- one sample only	360.00
- 2 or more samples, per sample	300.00
b. Using Small Rotary Kiln	
(continuous), per test	480.00
Chiddy Method (Sponge), per test	480.00
Smelting, per test	840.00
Pelletizing	
a. Using Pelletizing Drum	
(batch), per test	180.00
b. Using Pelletizing Disc	
(continuous), per test	300.00
Work Grindability Index 1,080.00	
Swelling Test (Bentonite)	50.00
Oil Bleaching	60.00
	 c. Tabling, per test Flotation a. Bulk Flotation, per test b. Differential Flotation, per test Magnetic Separation a. Dry, per test b. Wet, per test Leaching a. Cyanidation, per test b. Percolation Leaching, per test c. Acid Curing/Agitation Leaching per test d. Leaching-Precipitation-Flotation, per test Calcination a. up to 800°C, one sample only 2 or more samples, per sample b. up to 1050°C one sample only 2 or more samples, per sample Roasting/Sintering a. Using Electric Furnace (batch), one sample only 2 or more samples, per sample b. Using Small Rotary Kiln (continuous), per test Chiddy Method (Sponge), per test Smelting, per test Pelletizing a. Using Pelletizing Drum (batch), per test b. Using Pelletizing Disc (continuous), per test Work Grindability Index 1,080.00 Swelling Test (Bentonite) Oil Bleaching

5.2.17	Acid/Sodium Activation	260.00
5.2.18	Cation Exchange Capacity	145.00
5.2.19	Settling Rate	50.00
5.2.20	Recovery of Chrysotile	
	Asbestos, per kg.	420.00

(Note: The MGB 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.)

5.3 Analysis of Water

5.3.1	pH	50.00
5.3.2	Dissolved Oxygen	50.00
5.3.3	Bicarbonate	90.00
5.3.4	Carbonate	90.00
5.3.5	Total Solids	60.00
5.3.6	Total suspended solids	60.00
5.3.7	Total dissolved solids	60.00
5.3.8	Total acidity	90.00
5.3.9	Total alkalinity	90.00
5.3.10	Total hardness	90.00
5.3.11	Sulfate	90.00
5.3.12	Chloride	120.00
5.3.13	Silica	90.00
5.3.14	Iron	100.00
5.3.15	Lime	90.00
5.3.16	Magnesia	90.00
5.3.17	Sodium	90.00
5.3.18	Potassium	90.00

6.0 MARINE GEOPHYSICAL AND GEOLOGICAL INVESTIGATION AND VERIFICATION

6.1 Marine Geophysical Survey	
6.1.1 Single-Channel seismic reflection,	
per km	3,250.00

6.1.2 Single-Channel seismic reflection,

+ echo sounder, per km.	4,200.00
6.1.3 Echo sounder, per km	1,200.00
6.1.4 Side Scan Sonar, per km	2,700.00
6.1.5 Side Scan Sonar + Echo Sounder,	
per km	3,700.00
6.1.6 Survey Vessel (RPS Explorer)	
a. Mobilization/demobilization,	
Per day	76,000.00
b. Actual survey, 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
631 Induced	Polarization	2 500 00	17 500 00
		2,300.00	17,300.00
6.3.2 Resistivi	ty Survey 2,500.0	00 1	7,500.00
6.3.3 Self Pote	ential		
а.	Vertical Loop	2	,500.00
17,500	0.00		
b. Potab	le Soil	2,500.00	17,500.00
6.3.4 Seismi	ic Surveys		
а.	12-Channel (re	efraction) 3	,200.00
	22,400.00		
b.	12-Channel (re	flection) 3	,200.00
	22,400.00		
6.3.5 Magne	etics		
a. Precis	sion Type	2,300.00	16,100.00
b. Fluxg	gate	2,500.00	17,500.00

(In addition to the charges under item 6.3.1, the applicant or interested party shall pay for transportation of Bureau personnel from official station tot he area and return as well as the expenses for freight, labor, materials and analysis of the samples.)

6.4 Field verification of survey area for mining contract/dredging, Engineering geological & geohazard scoping, geological assessment, investigation of conflicts, renewal or extension of tax exempt, inspection of stockpile, inspection of seabed quarrying/ dredging/offshore mining operations

1,500.00/man/day provided that the minimum charge is 12,000.00.

within offshore mining claim areas or seabed quarry/borrow pit areas

6.5

Evaluation of mineral/ore reserves

2,000.00/man/day provided that the minimum charge is 10,000.00

6.6 Monitoring of environmental Conditions, mine safety and health audit, validation of environmental and socio-economic status of affected coastal/marine areas by seabed quarry/dredging/borrow pit and offshore mining operations field validation of engineering geological and geohazard report (EGGAR)

2,000.00/man/day provided that the minimum charge is 10,000.00

500.00/line km.

- 6.7 Geophysical/geological data Processing and data analyses
- 6.8 Coastal/Marine sampling involving physico-chemical and oceanographic measurements (water quality, water temperature currents, waves, bottom sediments,

	etc.)	800.00/sampling station
6.9	Technical review and evaluation	Station
	of technical reports and/or	
	scientific documents by MGB, as	
	requested, and the preparation of a	
	corresponding technical evaluation	
	report	12,000.00/review

7.0 MGB FORMS (P5.00/page)

- No. 5-1 Application for Exploration Permit
- No. 5-2 Exploration Permit
- No. 5-3 Outline of Project Feasibility Study
- No. 5-4 Exploration Work Program
- No. 6-1 Application for Mineral Agreement
- No. 6-2 Three-year Work Program
- No. 7-1 Application for Financial or Technical Assistance Agreement
- No. 8-1 Application for Industrial Sand and Gravel (SAG)-(MGB)
- No. 8-1A Application for Industrial SAG (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 Guano Permit
- No. 8-7 Application for Gemstone Gathering Permit
- No. 8-8 Gemstone Gathering Permit
- 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 Explosives Transactions
- No. 15-8 Explosives and Accessories Consumption Report
- No. 16-1 Environmental Work Program (EWP)
- No. 16-1A Environmental Work Program for Offshore
- No. 16-2 Environmental Protection and Enhancement Program (EPEP)
- 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. 18-3 Field Investigations and Assessment of Claims 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 Grave) 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 Quarterly Report on Production, Sales and Small-Scale Metallic 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 & FTAA
- No. 29-20 Quarterly Report on Production, Sales & Inventory of SSM within Mineral Reservation

8.0 PUBLICATIONS

8.1	Technie	cal Information Series	
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All existing orders, rules and regulations, memorandum circulars directives or part thereof, contrary or inconsistent with the provisions of this Administrative Order, are 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.

(Sgd.) ANTONIO H. CERILLES Secretary

Publication:

Manila Standard - November 20, 2000