

**CY 2018 EXTERNAL ACCOMPLISHMENT REPORT**  
**Mines and Geosciences Bureau**  
**March 31, 2018**

FO-PPIAD-09

P A P Code / Component Activity Statement		PERFORMANCE INDICATOR	TARGET			ACCOMPLISHMENT					REMARKS
			This Mo.	To Date	Annual	This Mo.	To Date	% This Mo.	% To Date	% Annual	
A.01 - GENERAL ADMINISTRATION AND SUPPORT SERVICES											
A.01.a	General Management and Supervision										
1	Administrative	Monitoring Reports prepared (no.)	9	27	112	9	27	100%	100%	24%	
2	Financial Management Services	Reports prepared (no.)	8	62	239	8	54	100%	87%	23%	
A.01.b	Human Resource Development										
1	Human Resource Development Service										
	a. Program Monitoring and Evaluation	Program Implementation Report (no.)	1	3	12	1	3	100%	100%	25%	
	b. Local Scholarship Program	MGB Undergraduate Scholars managed (no.)	20	20	20	20	20	100%	100%	100%	
A.02 - SUPPORT TO OPERATIONS											
A.02.a	Planning and Policy Formulation										
1	Prepare/review/update/revise/monitor and evaluate Short-Term to Long-Term plans for MRGS programs/projects	Plans prepared (no.)	1	1	3	1	1	100%	100%	33%	
		Program implemented/monitored (no.)	1	3	12	1	3	100%	100%	25%	
2	Formulate, review/revise, develop and implement mineral policies and guidelines	Policies/Guidelines reviewed/endorsed to DENR (no.)	0	2	8	0	1		50%	13%	1
3	Coordinate with National and International Linkages	Linkages with NGAs/LGUs/stakeholders/International Organizations coordinated/participated (no.)	23	24	49	26	41	113%	171%	84%	Guidelines on the Evaluation and Approval of 3-Year Development/Utilization Work Program involving Operating Mine
4	Conduct investigation, provide legal assistance and resolve mine related cases	Investigation assisted (no.)	1	1	4	0	1	0%	100%	25%	
		Hearings attended (no.)	1	3	12	0	0	0%	0%	0%	
A.02.b	Mineral Economics, Information and Publication										
1	Conduct Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	IEC conducted/organized/participated (no.)	1	3	14	2	5	200%	167%	36%	1
											2
											Lecture Forum re: "MGB Stanch Towards a Deeper Appreciation of Mining and it's Relevance"
											3
											2nd Forum on the Mining Policy Direction of DENR
											4
											Bangko Sentral ng Pilipinas (BSP) Exporter's Forum
											5
											Resource Speaker to the Session on Gov't Reforms for Papua New Guinea EITI (PNG EITI) Study Visit to Manila
		Press releases/ conferences/ media interviews conducted (no.)	1	1	6	1	2	100%	200%	33%	1
											Comments on the House Bills on the proposed tax exemptions on the sale of Gold to the BSP from Small scale mining

1 Guidelines on the Evaluation and Approval of 3-Year Development/Utilization Work Program involving Operating Mine

1 Meeting with Mining Companies on the Proposed Mining Policy Reforms  
2 Lecture Forum re: "MGB Stanch Towards a Deeper Appreciation of Mining and it's Relevance"  
3 2nd Forum on the Mining Policy Direction of DENR  
4 Bangko Sentral ng Pilipinas (BSP) Exporter's Forum  
5 Resource Speaker to the Session on Gov't Reforms for Papua New Guinea EITI (PNG EITI) Study Visit to Manila

1 Comments on the House Bills on the proposed tax exemptions on the sale of Gold to the BSP from Small scale mining

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2	Generate Mineral Economics information/Publish and disseminate IEC materials	Capacity Building									2 MGB Comments of various house bills related to ecotourism
		a) for MGB Personnel	5	6	38	7	15	140%	250%	39%	
		b) for LGUs and Other Stakeholders	0	0	2	0	0			0%	
		Statistics reports generated/ monitored/ validated (no.)	5	5	13	4	5	80%	100%	38%	
		Strategic Mineral Information Systems managed/developed/maintained (no.)	8	8	8	8	8	100%	100%	100%	
		Information materials generated/published/disseminated (no.)	520	1,520	6,209	530	1,530	102%	101%	25%	
A.02.c	Research and Development										
1	Research Studies on Mineral Resources and Geosciences Development (MRGD) Programs	Research/studies conducted (no.)	4	4	9	4	4	100%	100%	44%	1 Precipitation of Nickel, Cobalt, Iron, Magnesium from Leach Solution of grade Philippine Laterite Ore 2 Study on Nickel Pig Iron by Electric Arc Furnace 3 Ground Deformation Monitoring System 4 Research on the Cenozoic Stratigraphy of the Philippines
		Reports prepared (no.)	1	2	19	1	1	100%	50%	5%	
A.03 - OPERATIONS											
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 1: MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM											
OUTCOME INDICATOR 1											
	Percentage increase in the revenues of government from mineral resources development		0%	0%	5%	0%	0%			0%	
OUTCOME INDICATOR 2											
	Percentage of monitored mining permits/contracts complying with laws, rules and regulations										
OUTPUT INDICATOR 1											
	Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period		0	346	2,831	354	882		255%	31%	
OUTPUT INDICATOR 2											
	Number of mining permits/contracts monitored		0	140	788	83	238		170%	30%	
Program 1	Mineral Resources Enforcement and Regulatory Program										
1	Mineral Investment Promotion Program	Issuance of mining permits/contracts (including in areas within mineral reservations) and other related permits									
		a. Agreements/contracts/permits (FTAA/MPSA/EP/ISAGP/SSMP/MPP)	0	60	682	64	130		217%	19%	
		b. Other mining related permits	0	286	2,149	290	752		263%	35%	
	Development of Small-Scale Mining - Assistance to Provincial/City Mining Regulatory Board (P/CMRB)/LGUs/Other Stakeholders	Inventory of Peoples Small-Scale Mining (PSSM)/Minahang Bayan(MB) Areas, and Quarry/Sand and Gravel (SAG)/Small-Scale Mining (SSM) Sites (no.)	0	4	74	11	16		400%	22%	
		Proposed Minahang Bayan sites endorsed to DENR through MGBCO (no.)	0	0	16	2	3			19%	
P/CMRBs maintained/operationalized/reconstituted (no.)		83	83	83	86	86	104%	104%	104%		



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2	Mining Industry Development Program											
	Monitoring/Audit of Mining Permits/Contracts/Leases/ Claims/JOAs (including those within Mineral Reservations) as to compliance with the Terms and Conditions/Requirements and implementation of approved Work Program/Safety, Health, Environmental and Social Development Programs	Mining Rights monitored (no.) as to compliance with: a. Work Program/Terms and Conditions/Requirements	0	71	394	33	102		144%	26%		
		b. Safety, Health, Environment and Social Development (SHES) Programs	0	69	394	50	136		197%	35%		
	Resolution of Complaints/Cases/Conflicts	Complaints/cases/conflicts investigated/resolved by: (no.) a. MGB	2	19	151	24	70		368%	46%		
		b. Panel of Arbitrators	0	0	25	4	4			16%		
		Mines Adjudication Board cases deliberated (no.)	3	3	12	0	0	0%	0%	0%		
	Anti-Illegal Mining Campaign	Cease and Desist Orders issued/implemented (no.)	0	1	52	11	15			29%		
		Charges filed with the Provincial/City Prosecutors Office (no.)	0	0	52	0	3			6%		
	Strengthen Multi-partite Monitoring System	Multi-partite Monitoring Teams (MMT) of mining projects (with permits issued by MGB) operationalized (no.)	0	161	161	163	163		101%	101%		
	3	Mine Rehabilitation Program										
		a. Bagacay Mine area	Reforestation of Peripheral site conducted (ha.) (establishment, care and maintenance of area)	70	70	70	0	0	0%	0%		0%
		Engineering Mitigating Measures implemented (no.) (Dam maintenance & Coastal, Inland & River assessment)	0	0	2	0	0			0%		
		Revegetation/Reforestation of Bagacay Mine Area conducted (ha.)	0	0	10	0	0			0%		
b. Other Abandoned/Inactive/Closed Mines		Implementation of Mine Environmental Management Plan (no.)	1	1	2	0	0	0%	0%	0%		
c. Marcopper		Mine Environmental Mgt. Plan prepared/implemented/monitored (no.)	0	0	1	0	0			0%		
001: NATURAL RESOURCES SUSTAINABLY MANAGED - PROGRAM 2: MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM												
OUTCOME INDICATOR 1												
	Number of LGUs informed of the geology and mineral potential		0	0	12	0	0			0%		
OUTPUT INDICATOR 1												
	Percentage of Total Philippine area surveyed for geology and mineral potential		0.50%	0.80%	10.00%	0.80%	1.10%	160%	138%	11%		
OUTPUT INDICATOR 2												
	Number of new mineral reservation areas assessed/endorsed for declaration		0	0	15	0	0			0%		
Program 2	Mineral Resources and Geosciences Development											

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1	Communication Plan For Mineral Resources and Geoscience Development											
	Conduct of Awareness and Advocacy on Mineral Resources and Geosciences Development (MRGD)	LGUs and other stakeholders forum conducted (no.)	0	16	182	20	55		344%	30%		
		Radio/TV Guestings (no.)	0	32	192	23	62		194%	32%		
		Press Releases/Photo Releases/Feature Stories (no.)	0	32	192	29	75		234%	39%		
	Generate/Publish/Disseminate Information, Education and Communication (IEC) Materials	Website maintained (no.)	15	15	15	15	15	100%	100%	100%		
		IEC Materials produced/reproduced/distributed (no.)	0	134	2,735	282	855		638%	31%		
		Statistics Reports submitted to MGBCO (no.)	0	141	450	10	151		107%	34%		
	Capacity Building Program on MRGD Laws, Rules and Regulations	Trainings conducted/coordinated/participated on (no.)										
		a. For LGUs and other stakeholders (NGAs, CSOs, etc.)	0	1	37	10	20		2000%	54%		
		b. For Small-Scale Miners	0	0	31	0	4			13%		
	National and International Linkages	Linkages coordinated (no.)	0	30	180	21	62		207%	34%		
	2	National Mineral Reservation Program	Proposed Mineral Reservation areas endorsed (no.)	0	0	15	0	0				0%
	3	Offshore Exploration	Area surveyed (no.)	0	0	2	0	0				0%
003: ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED - PROGRAM 1: GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM												
OUTCOME INDICATOR 1:												
	Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and/or Development Plans											
OUTCOME INDICATOR 1:												
	Number of cities and municipalities where vulnerability and risk assessment was conducted		3	28	200	26	50	867%	179%	25%		
OUTCOME INDICATOR 2:												
	Number of LGUs (cities/municipalities) provided with information, education and communication campaigns on geohazards		0	11	236	10	10		91%	4%		
OUTCOME INDICATOR 3:												
	Number of LGUs assessed for groundwater resources and vulnerability		0	1	24	2	3		300%	13%		
Program 1	Geological Assessment for Risk Reduction and Resiliency Program (Geoscience Development Services)											
1	Geohazard Assessment - Identification and Mapping of Geohazards for Critical Land Areas											
	Land Geological Assessment											
	Field Mapping and Survey											
	a. Vulnerability and Risk Assessment (VRA)	LGUs (cities/municipalities) assessed (no.)	3	28	200	26	50	867%	179%	25%		
										1 Castillejos, Zambales		



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										2 Pantukan, Compostela Valley 3 Sto. Niño, South Cotabato 4 Matalam, North Cotabato 5 Lagangilang, Abra 6 Langiden, Abra 7 Sto. Niño, Cagayan 8 Dupax del Norte, Nueva Vizcaya 9 San Marcelino, Zambales 10 Cainta, Rizal 11 Indang, Cavite 12 Odiongan, Romblon 13 San Andres, Romblon 14 Looc, Romblon 15 Legazpi City, Albay 16 Tabaco City, Albay 17 Tangalan, Aklan 18 Batad, Iloilo 19 Sapang Dalaga, Misamis Occidental 20 Kabacan, North Cotabato 21 Tagbina, Surigao del Sur 22 Los Baños, Laguna 23 San Remigio, Antique 24 Kabankalan City, Negros Occidental 25 San Vicente, Ilocos Sur 26 Santa Catalina, Ilocos Sur 27 Dupax del Sur, Nueva Vizcaya 28 Aritao, Nueva Vizcaya 29 San Felipe, Zambales 30 Cabangan, Zambales 31 Antipolo City, Rizal 32 Rosario, Cavite 33 San Pedro, Laguna 34 Ferrol, Romblon 35 Sta. Fe, Romblon 36 Milaor, Camarines Sur 37 Camaligan, Camarines Sur 38 Concepcion, Iloilo 39 Panglao, Bohol 40 Dauis, Bohol 41 St. Bernard, Southern Leyte 42 San Juan, Southern Leyte 43 Tungawan, Zamboanga Sibugay 44 R.T. Lim, Zamboanga Sibugay 45 Naga, Zamboanga Sibugay 46 Baliangao, Misamis Occidental 47 Laak, Compostela Valley

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b. Updating of 1:10,000 scale Geohazard Maps										48 Maco, Compostela Valley 49 Lianga, Surigao del Sur 50 San Agustin, Surigao del Sur
	LGUs (cities/municipalities) assessed (no.)	3	28	200	26	50	867%	179%	25%	1 Compostela, Compostela Valley 2 Sto. Niño, South Cotabato 3 Matalam, North Cotabato 4 Lagangilang, Abra 5 Langiden, Abra 6 Sto. Niño, Cagayan 7 Dupax del Norte, Nueva Vizcaya 8 San Marcelino, Zambales 9 Castillejos, Zambales 10 Cainta, Rizal 11 Indang, Cavite 12 Odiongan, Romblon 13 San Andres, Romblon 14 Looc, Romblon 15 Tabaco City, Albay 16 Legazpi City, Albay 17 Tangalan, Aklan 18 Batad, Iloilo 19 Sapang Dalaga, Misamis Occidental 20 Kabacan, North Cotabato 21 Tagbina, Surigao del Sur 22 Los Baños, Laguna 23 San Remigio, Antique 24 Kabankalan City, Negros Occidental 25 San Vicente, Ilocos Sur 26 Santa Catalina, Ilocos Sur 27 Dupax del Sur, Nueva Vizcaya 28 Aritao, Nueva Vizcaya 29 San Felipe, Zambales 30 Cabangan, Zambales 31 Antipolo City, Rizal 32 Rosario, Cavite 33 San Pedro, Laguna 34 Ferrol, Romblon 35 Sta. Fe, Romblon 36 Milaor, Camarines Sur 37 Camaligan, Camarines Sur 38 Concepcion, Iloilo 39 Panglao, Bohol 40 Dauis, Bohol 41 St. Bernard, Southern Leyte 42 San Juan, Southern Leyte

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c. Ground Subsidence Assessment	LGU's (cities/municipalities) assessed (no.)	0	1	15	3	4	400%	27%		43 Tungawan, Zamboanga Sibugay 44 R.T. Lim, Zamboanga Sibugay 45 Naga, Zamboanga Sibugay 46 Balingao, Misamis Occidental 47 Laak, Compostela Valley 48 Maco, Compostela Valley 49 Lianga, Surigao del Sur 50 San Agustin, Surigao del Sur
Conduct of IEC to LGUs	Seminars/Workshops for LGUs (no.)	0	11	236	10	10	91%	4%		1 Alegria, Cebu 2 Dumarao, Capiz 3 Liloy, Zamboanga del Norte 4 Lebak, Sultan Kudarat
Printing of 1:10,000 scale maps	Mapsheets printed/produced (no.)	0	0	37,940	0	0			0%	1 Olongapo City, Zambales 2 Subic, Zambales 3 Iba, Zambales 4 Numancia, Aklan 5 San Rafael, Iloilo 6 El Salvador City, Misamis Oriental 7 Gingoong, Misamis Oriental 8 Sta. Cruz, Davao del Sur 9 Sulop, Davao del Sur 10 Padada, Davao del Sur
Coastal Geohazard and Impact of Climate Change										
Field Mapping and Survey (1:10,000 scale map)	Coastal Municipal LGUs (Cities/Municipalities) assessed (no.)	15	17	218	24	28	160%	165%	13%	1 Bani, Pangasinan 2 Rosario, La Union 3 Badoc, Ilocos Norte 4 Sapang Dalaga, Misamis Occidental 5 Agno, Pangasinan 6 Dasol, Pangasinan 7 Infanta, Pangasinan 8 Burgos, Pangasinan 9 San Fabian, Pangasinan 10 Dagupan, Pangasinan 11 Binmaley, Pangasinan 12 Lingayen, Pangasinan 13 Labrador, Pangasinan 14 Sual, Pangasinan 15 Alaminos, Pangasinan 16 Bolinao, Pangasinan 17 Anda, Pangasinan

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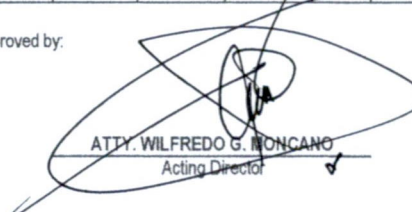
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2	Geologic Mapping										18 Currimeo, Ilocos Norte 19 Oas, Albay 20 Libon, Albay 21 Pio Duran, Albay 22 Ligao, Albay 23 Manito, Albay 24 Mabuhay, Zamboanga Sibugay 25 Olutanga, Zamboanga Sibugay 26 Talusan, Zamboanga Sibugay 27 Baliangao, Misamis Occidental 28 Linamon, Davao del Norte
	Geological Mapping and Surveys - Quadrangle Mapping	Quadrangles assessed/surveyed (no.)	5	8	100	8	11	160%	138%	11%	1 Iba (2965-I) 2 Lipa City (3261-IV) 3 Palauig (2966-II) 4 Tabuk (3272-II) 5 Sinait (3073-I) 6 Masinloc (2966-I) 7 Campbert (2067-III) 8 Tanauan (3262-III) 9 Pantukan (4141-II) 10 Libertad (3939-III) 11 Polonoling (3938-I)
3	Provision of Laboratory Services	Determinations made (no.)	28,516	123,110	598,060	164,457	294,191	577%	239%	49%	
	Groundwater Resource and Vulnerability Assessment										
	Groundwater Resource Assessment	LGUs assessed (no.) a. Province	0	1	24	2	3	300%	13%		1 Nueva Vizcaya 2 Kalinga 3 Romblon

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